

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/21/2025

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 25.15 | 28.57 | 26.97 | 27.37 | 25.96 | 27.86 | 38.91 | 39.04 | 29.80 | 25.87 | 26.23 | 29.95 | 28.61 | 26.94 | 26.28 | 27.66 | 28.15 | 28.15 | 31.09 | 35.64 | 34.13 | 35.98 | 34.63 | 31.01 |
| 24138 | 0.67 | 0.61 | 0.65 | 0.61 | 0.67 | 0.77 | 0.89 | 1.24 | 1.30 | 1.13 | 1.27 | 1.36 | 1.42 | 1.27 | 1.35 | 1.31 | 1.26 | 1.19 | 1.13 | 1.14 | 1.02 | 0.94 | 0.89 | 0.68 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | -0.16 | -0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.37 | -0.40 | -0.32 |
| 74TH STREET_GT_1 | 25.19 | 28.61 | 27.00 | 27.43 | 26.00 | 27.89 | 38.95 | 39.06 | 29.81 | 25.86 | 26.23 | 29.96 | 28.62 | 26.94 | 26.27 | 27.66 | 28.16 | 28.17 | 31.14 | 35.72 | 34.21 | 36.06 | 34.71 | 31.09 |
| 24260 | 0.71 | 0.65 | 0.69 | 0.66 | 0.71 | 0.80 | 0.93 | 1.26 | 1.31 | 1.11 | 1.27 | 1.38 | 1.42 | 1.27 | 1.34 | 1.31 | 1.27 | 1.21 | 1.17 | 1.22 | 1.09 | 1.02 | 0.98 | 0.76 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | -0.16 | -0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.37 | -0.40 | -0.32 |
| 74TH STREET_GT_2 | 25.19 | 28.61 | 27.00 | 27.43 | 26.00 | 27.89 | 38.95 | 39.06 | 29.81 | 25.86 | 26.23 | 29.96 | 28.62 | 26.94 | 26.27 | 27.66 | 28.16 | 28.17 | 31.14 | 35.72 | 34.21 | 36.06 | 34.71 | 31.09 |
| 24261 | 0.71 | 0.65 | 0.69 | 0.66 | 0.71 | 0.80 | 0.93 | 1.26 | 1.31 | 1.11 | 1.27 | 1.38 | 1.42 | 1.27 | 1.34 | 1.31 | 1.27 | 1.21 | 1.17 | 1.22 | 1.09 | 1.02 | 0.98 | 0.76 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | -0.16 | -0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.37 | -0.40 | -0.32 |
| ADK HUDSON___FALLS | 25.42 | 28.89 | 27.14 | 27.64 | 26.22 | 28.13 | 39.41 | 39.16 | 29.49 | 25.40 | 25.54 | 29.18 | 27.55 | 26.04 | 25.39 | 26.78 | 27.47 | 27.91 | 31.42 | 36.05 | 34.55 | 35.91 | 34.33 | 30.96 |
| 24011 | 0.94 | 0.93 | 0.82 | 0.88 | 0.93 | 1.04 | 1.39 | 1.37 | 0.99 | 0.65 | 0.58 | 0.65 | 0.64 | 0.43 | 0.46 | 0.43 | 0.58 | 0.95 | 1.45 | 1.55 | 1.44 | 1.52 | 1.30 | 1.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.12 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.31 | 0.25 |
| ADK RESOURCE___RCVRY | 25.53 | 28.98 | 27.20 | 27.71 | 26.31 | 28.23 | 39.57 | 39.33 | 29.57 | 25.44 | 25.62 | 29.32 | 27.68 | 26.17 | 25.50 | 26.88 | 27.61 | 28.09 | 31.62 | 36.25 | 34.73 | 36.12 | 34.50 | 31.15 |
| 23798 | 1.05 | 1.01 | 0.88 | 0.95 | 1.01 | 1.15 | 1.55 | 1.53 | 1.07 | 0.69 | 0.65 | 0.79 | 0.77 | 0.57 | 0.58 | 0.53 | 0.73 | 1.12 | 1.66 | 1.75 | 1.62 | 1.72 | 1.46 | 1.39 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.12 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.28 | 0.30 | 0.24 |
| ADK S GLENS___FALLS | 25.42 | 28.89 | 27.14 | 27.64 | 26.22 | 28.13 | 39.41 | 39.16 | 29.49 | 25.40 | 25.54 | 29.18 | 27.55 | 26.04 | 25.39 | 26.78 | 27.47 | 27.91 | 31.42 | 36.05 | 34.55 | 35.91 | 34.33 | 30.96 |
| 24028 | 0.94 | 0.93 | 0.82 | 0.88 | 0.93 | 1.04 | 1.39 | 1.37 | 0.99 | 0.65 | 0.58 | 0.65 | 0.64 | 0.43 | 0.46 | 0.43 | 0.58 | 0.95 | 1.45 | 1.55 | 1.44 | 1.52 | 1.30 | 1.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.12 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.31 | 0.25 |
| ADK_NYS___DAM | 25.34 | 28.77 | 27.09 | 27.59 | 26.16 | 27.97 | 39.00 | 38.79 | 29.31 | 25.35 | 25.48 | 29.08 | 27.37 | 26.13 | 25.52 | 26.85 | 27.31 | 27.63 | 30.74 | 35.20 | 33.74 | 34.81 | 33.33 | 30.12 |
| 23527 | 0.86 | 0.81 | 0.77 | 0.83 | 0.87 | 0.89 | 0.97 | 1.00 | 0.80 | 0.60 | 0.52 | 0.58 | 0.62 | 0.56 | 0.59 | 0.50 | 0.43 | 0.67 | 0.77 | 0.70 | 0.62 | 0.78 | 0.68 | 0.67 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.29 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.65 | 0.70 | 0.56 |
| AIR_PRODUCTS___DRP | 24.30 | 27.67 | 26.11 | 26.56 | 25.15 | 26.91 | 37.45 | 37.31 | 28.31 | 24.54 | 24.73 | 28.17 | 26.64 | 25.31 | 24.71 | 26.05 | 26.56 | 26.75 | 29.75 | 33.98 | 32.63 | 33.91 | 32.55 | 29.35 |
| 24190 | -0.18 | -0.29 | -0.21 | -0.20 | -0.14 | -0.18 | -0.58 | -0.48 | -0.20 | -0.21 | -0.23 | -0.37 | -0.28 | -0.29 | -0.22 | -0.30 | -0.33 | -0.21 | -0.22 | -0.52 | -0.48 | -0.52 | -0.53 | -0.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.11 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.27 | 0.21 |
| AKWESSNE_115KV_BK | 25.03 | 28.64 | 26.95 | 27.40 | 25.83 | 27.64 | 38.91 | 38.63 | 29.00 | 25.17 | 25.39 | 29.13 | 27.56 | 26.12 | 25.35 | 26.85 | 27.44 | 27.49 | 30.52 | 35.15 | 33.75 | 35.42 | 34.05 | 30.75 |
| 355683 | 0.55 | 0.67 | 0.63 | 0.63 | 0.54 | 0.55 | 0.89 | 0.84 | 0.49 | 0.42 | 0.43 | 0.57 | 0.53 | 0.48 | 0.42 | 0.51 | 0.56 | 0.52 | 0.55 | 0.64 | 0.64 | 0.75 | 0.71 | 0.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 24.86 | 28.35 | 26.73 | 27.19 | 25.75 | 27.57 | 38.44 | 38.20 | 28.88 | 25.00 | 25.08 | 28.44 | 26.95 | 25.54 | 24.94 | 26.26 | 26.80 | 27.05 | 30.33 | 34.94 | 33.55 | 34.98 | 33.57 | 30.22 |
| 323833 | 0.37 | 0.39 | 0.41 | 0.43 | 0.46 | 0.48 | 0.42 | 0.41 | 0.38 | 0.25 | 0.12 | -0.10 | -0.02 | -0.09 | 0.01 | -0.09 | -0.09 | 0.09 | 0.37 | 0.44 | 0.44 | 0.44 | 0.39 | 0.34 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.15 | 0.12 |
| ALBANY_2_SOLAR | 24.85 | 28.34 | 26.73 | 27.19 | 25.74 | 27.56 | 38.43 | 38.20 | 28.88 | 24.99 | 25.08 | 28.44 | 26.95 | 25.54 | 24.94 | 26.25 | 26.80 | 27.05 | 30.33 | 34.92 | 33.55 | 34.97 | 33.56 | 30.22 |
| 323834 | 0.37 | 0.38 | 0.41 | 0.43 | 0.45 | 0.48 | 0.41 | 0.41 | 0.37 | 0.24 | 0.12 | -0.11 | -0.02 | -0.09 | 0.01 | -0.10 | -0.09 | 0.09 | 0.36 | 0.42 | 0.44 | 0.43 | 0.37 | 0.33 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.15 | 0.12 |
| ALBANY___1 | 24.30 | 27.67 | 26.11 | 26.56 | 25.15 | 26.91 | 37.45 | 37.31 | 28.31 | 24.54 | 24.73 | 28.17 | 26.64 | 25.31 | 24.71 | 26.05 | 26.56 | 26.75 | 29.75 | 33.98 | 32.63 | 33.91 | 32.55 | 29.35 |
| 23571 | -0.18 | -0.29 | -0.21 | -0.20 | -0.14 | -0.18 | -0.58 | -0.48 | -0.20 | -0.21 | -0.23 | -0.37 | -0.28 | -0.29 | -0.22 | -0.30 | -0.33 | -0.21 | -0.22 | -0.52 | -0.48 | -0.52 | -0.53 | -0.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.11 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.27 | 0.21 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 24.30 -0.18 0.00 | 27.67 -0.29 0.00 | 26.11 -0.21 0.00 | 26.56 -0.20 0.00 | 25.15 -0.14 0.00 | 26.91 -0.18 0.00 | 37.45 -0.58 0.00 | 37.31 -0.48 0.00 | 28.31 -0.20 0.00 | 24.54 -0.21 0.00 | 24.73 -0.23 0.00 | 28.17 -0.37 0.02 | 26.64 -0.28 0.11 | 25.31 -0.29 0.03 | 24.71 -0.22 0.00 | 26.05 -0.30 0.00 | 26.56 -0.33 0.00 | 26.75 -0.21 0.00 | 29.75 -0.22 0.00 | 33.98 -0.52 0.00 | 32.63 -0.48 0.00 | 33.91 -0.52 0.25 | 32.55 -0.53 0.27 | 29.35 -0.45 0.21 |
| ALBANY___3 23573 | 24.30 -0.18 0.00 | 27.67 -0.29 0.00 | 26.11 -0.21 0.00 | 26.56 -0.20 0.00 | 25.15 -0.14 0.00 | 26.91 -0.18 0.00 | 37.45 -0.58 0.00 | 37.31 -0.48 0.00 | 28.31 -0.20 0.00 | 24.54 -0.21 0.00 | 24.73 -0.23 0.00 | 28.17 -0.37 0.02 | 26.64 -0.28 0.11 | 25.31 -0.29 0.03 | 24.71 -0.22 0.00 | 26.05 -0.30 0.00 | 26.56 -0.33 0.00 | 26.75 -0.21 0.00 | 29.75 -0.22 0.00 | 33.98 -0.52 0.00 | 32.63 -0.48 0.00 | 33.91 -0.52 0.25 | 32.55 -0.53 0.27 | 29.35 -0.45 0.21 |
| ALBANY___4 23574 | 24.30 -0.18 0.00 | 27.67 -0.29 0.00 | 26.11 -0.21 0.00 | 26.56 -0.20 0.00 | 25.15 -0.14 0.00 | 26.91 -0.18 0.00 | 37.45 -0.58 0.00 | 37.31 -0.48 0.00 | 28.31 -0.20 0.00 | 24.54 -0.21 0.00 | 24.73 -0.23 0.00 | 28.17 -0.37 0.02 | 26.64 -0.28 0.11 | 25.31 -0.29 0.03 | 24.71 -0.22 0.00 | 26.05 -0.30 0.00 | 26.56 -0.33 0.00 | 26.75 -0.21 0.00 | 29.75 -0.22 0.00 | 33.98 -0.52 0.00 | 32.63 -0.48 0.00 | 33.91 -0.52 0.25 | 32.55 -0.53 0.27 | 29.35 -0.45 0.21 |
| ALBANY___LFGE 323615 | 24.54 0.06 0.00 | 27.95 -0.01 0.00 | 26.36 0.05 0.00 | 26.82 0.06 0.00 | 25.39 0.10 0.00 | 27.18 0.09 0.00 | 37.88 -0.14 0.00 | 37.74 -0.06 0.00 | 28.62 0.11 0.00 | 24.81 0.05 0.00 | 24.98 0.02 0.00 | 28.46 -0.07 0.02 | 26.92 0.01 0.11 | 25.60 -0.01 0.03 | 24.99 0.06 0.00 | 26.36 0.01 0.00 | 26.88 -0.01 0.00 | 27.10 0.13 0.00 | 30.13 0.17 0.00 | 34.45 -0.06 0.00 | 33.07 -0.05 0.00 | 34.32 -0.09 0.27 | 32.93 -0.13 0.29 | 29.66 -0.12 0.23 |
| ALCOA_PA_115KV_PL-6C 55860 | 25.26 0.79 0.00 | 28.90 0.94 0.00 | 27.20 0.88 0.00 | 27.66 0.89 0.00 | 26.08 0.79 0.00 | 27.91 0.82 0.00 | 39.30 1.28 0.00 | 39.00 1.20 0.00 | 29.24 0.73 0.00 | 25.37 0.62 0.00 | 25.57 0.61 0.00 | 29.35 0.80 0.00 | 27.77 0.74 0.00 | 26.30 0.67 0.00 | 25.52 0.60 0.00 | 27.05 0.70 0.00 | 27.63 0.74 0.00 | 27.65 0.69 0.00 | 30.72 0.75 0.00 | 35.42 0.92 0.00 | 34.05 0.93 0.00 | 35.76 1.08 0.00 | 34.39 1.05 0.00 | 31.06 1.05 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 25.26 0.79 0.00 | 28.90 0.94 0.00 | 27.20 0.88 0.00 | 27.66 0.89 0.00 | 26.08 0.79 0.00 | 27.91 0.82 0.00 | 39.30 1.28 0.00 | 39.00 1.20 0.00 | 29.24 0.73 0.00 | 25.37 0.62 0.00 | 25.57 0.61 0.00 | 29.35 0.80 0.00 | 27.77 0.74 0.00 | 26.30 0.67 0.00 | 25.52 0.60 0.00 | 27.05 0.70 0.00 | 27.63 0.74 0.00 | 27.65 0.69 0.00 | 30.72 0.75 0.00 | 35.42 0.92 0.00 | 34.05 0.93 0.00 | 35.76 1.08 0.00 | 34.39 1.05 0.00 | 31.06 1.05 0.00 |
| ALCOA___DSASP 323711 | 25.26 0.78 0.00 | 28.90 0.94 0.00 | 27.20 0.88 0.00 | 27.66 0.89 0.00 | 26.08 0.79 0.00 | 27.91 0.82 0.00 | 39.30 1.28 0.00 | 39.00 1.20 0.00 | 29.24 0.73 0.00 | 25.37 0.62 0.00 | 25.57 0.61 0.00 | 29.35 0.80 0.00 | 27.77 0.74 0.00 | 26.30 0.67 0.00 | 25.52 0.60 0.00 | 27.05 0.70 0.00 | 27.63 0.74 0.00 | 27.65 0.69 0.00 | 30.72 0.75 0.00 | 35.42 0.91 0.00 | 34.05 0.93 0.00 | 35.75 1.08 0.00 | 34.39 1.05 0.00 | 31.06 1.05 0.00 |
| ALLEGHENY___COGEN 23514 | 25.59 1.11 0.00 | 29.40 1.44 0.00 | 27.52 1.20 0.00 | 27.95 1.19 0.00 | 26.26 0.97 0.00 | 28.38 1.29 0.00 | 40.23 2.21 0.00 | 39.67 1.88 0.00 | 30.12 1.61 0.00 | 26.12 1.37 0.00 | 26.25 1.29 0.00 | 30.17 1.62 0.00 | 28.17 1.14 0.00 | 26.89 1.26 0.00 | 26.02 1.09 0.00 | 27.78 1.43 0.00 | 28.45 1.56 0.00 | 28.36 1.40 0.00 | 31.63 1.66 0.00 | 36.74 2.24 0.00 | 35.43 2.31 0.00 | 37.21 2.53 0.00 | 35.68 2.34 0.00 | 31.98 1.97 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 24.61 0.13 0.00 | 28.07 0.11 0.00 | 26.46 0.13 0.00 | 26.91 0.14 0.00 | 25.47 0.18 0.00 | 27.27 0.18 0.00 | 38.06 0.04 0.00 | 37.91 0.12 0.00 | 28.70 0.20 0.00 | 24.88 0.13 0.00 | 25.08 0.11 0.00 | 28.60 0.06 0.01 | 27.08 0.10 0.06 | 25.68 0.07 0.01 | 25.04 0.11 0.00 | 26.41 0.06 0.00 | 26.94 0.05 0.00 | 27.10 0.14 0.00 | 30.15 0.18 0.00 | 34.64 0.13 0.00 | 33.24 0.12 0.00 | 34.64 0.10 0.13 | 33.26 0.07 0.14 | 29.93 0.04 0.12 |
| ALTONA_WT_PWR 323606 | 24.96 0.48 0.00 | 28.58 0.62 0.00 | 26.90 0.59 0.00 | 27.37 0.61 0.00 | 25.74 0.45 0.00 | 27.56 0.47 0.00 | 38.90 0.88 0.00 | 38.69 0.89 0.00 | 29.09 0.58 0.00 | 25.20 0.45 0.00 | 25.45 0.49 0.00 | 29.32 0.77 0.00 | 27.78 0.74 0.00 | 26.35 0.71 0.00 | 25.61 0.68 0.00 | 27.10 0.75 0.00 | 27.74 0.85 0.00 | 27.85 0.88 0.00 | 30.95 0.98 0.00 | 35.55 1.04 0.00 | 34.08 0.96 0.00 | 35.76 1.08 0.00 | 34.38 1.04 0.00 | 31.07 1.05 0.00 |
| AMERICAN_REF_FUEL 24010 | 23.91 -0.57 0.00 | 27.67 -0.29 0.00 | 25.86 -0.46 0.00 | 26.29 -0.47 0.00 | 24.55 -0.74 0.00 | 26.57 -0.52 0.00 | 37.39 -0.63 0.00 | 36.61 -1.19 0.00 | 27.99 -0.51 0.00 | 24.43 -0.32 0.00 | 24.74 -0.23 0.00 | 28.59 0.03 0.00 | 26.73 -0.31 0.00 | 25.75 0.11 0.00 | 24.96 0.03 0.00 | 26.56 0.22 0.00 | 27.06 0.17 0.00 | 26.49 -0.48 0.00 | 29.23 -0.73 0.00 | 33.73 -0.78 0.00 | 32.55 -0.57 0.00 | 34.49 -0.18 0.00 | 33.48 0.13 0.00 | 30.39 0.38 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 24.67 0.20 0.00 | 28.42 0.45 0.00 | 26.56 0.24 0.00 | 26.98 0.22 0.00 | 25.18 -0.11 0.00 | 27.25 0.16 0.00 | 38.73 0.71 0.00 | 38.16 0.36 0.00 | 29.21 0.70 0.00 | 25.48 0.73 0.00 | 25.73 0.77 0.00 | 29.74 1.19 0.00 | 27.90 0.87 0.00 | 26.85 1.22 0.00 | 25.94 1.02 0.00 | 27.65 1.30 0.00 | 28.19 1.31 0.00 | 27.71 0.75 0.00 | 30.57 0.60 0.00 | 35.38 0.88 0.00 | 33.97 0.86 0.00 | 35.74 1.07 0.00 | 34.62 1.28 0.00 | 31.12 1.11 0.00 |
| ARTHUR KILL_GT_1 23520 | 25.07 0.59 0.00 | 28.47 0.51 0.00 | 26.93 0.61 0.00 | 27.31 0.54 0.00 | 25.92 0.63 0.00 | 27.77 0.69 0.00 | 38.82 0.80 0.00 | 38.89 1.10 0.00 | 29.69 1.18 0.00 | 25.76 1.01 0.00 | 26.08 1.12 0.00 | 29.78 1.19 -0.03 | 28.52 1.33 -0.16 | 26.76 1.09 -0.04 | 26.14 1.21 0.00 | 27.45 1.11 0.00 | 27.99 1.11 0.00 | 28.00 1.04 0.00 | 30.96 1.00 0.00 | 35.58 1.08 0.00 | 34.10 0.98 0.00 | 35.99 0.94 -0.37 | 34.66 0.92 -0.40 | 31.04 0.72 -0.32 |
| ARTHUR_KILL_2 23512 | 25.00 0.52 0.00 | 28.39 0.43 0.00 | 26.85 0.53 0.00 | 27.23 0.47 0.00 | 25.84 0.55 0.00 | 27.69 0.60 0.00 | 38.69 0.67 0.00 | 38.77 0.97 0.00 | 29.59 1.08 0.00 | 25.68 0.93 0.00 | 26.00 1.04 0.00 | 29.69 1.10 -0.03 | 28.44 1.24 -0.16 | 26.69 1.02 -0.04 | 26.08 1.14 0.00 | 27.39 1.04 0.00 | 27.92 1.03 0.00 | 27.94 0.97 0.00 | 30.86 0.90 0.00 | 35.48 0.97 0.00 | 33.98 0.86 0.00 | 35.88 0.83 -0.37 | 34.53 0.80 -0.40 | 30.94 0.61 -0.32 |
| ARTHUR_KILL_3 23513 | 24.96 0.48 0.00 | 28.35 0.39 0.00 | 26.76 0.44 0.00 | 27.16 0.39 0.00 | 25.75 0.46 0.00 | 27.62 0.53 0.00 | 38.57 0.55 0.00 | 38.67 0.87 0.00 | 29.50 0.99 0.00 | 25.59 0.84 0.00 | 25.94 0.98 0.00 | 29.63 1.04 -0.03 | 28.32 1.12 -0.16 | 26.64 0.97 -0.04 | 25.99 1.06 0.00 | 27.34 0.99 0.00 | 27.83 0.94 0.00 | 27.85 0.89 0.00 | 30.77 0.80 0.00 | 35.32 0.82 0.00 | 33.82 0.71 0.00 | 35.67 0.62 -0.37 | 34.35 0.61 -0.40 | 30.77 0.44 -0.32 |

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| ARTHUR_KILL_COGEN 323718 | 25.07 0.59 0.00 | 28.47 0.51 0.00 | 26.93 0.61 0.00 | 27.31 0.54 0.00 | 25.92 0.63 0.00 | 27.77 0.69 0.00 | 38.82 0.80 0.00 | 38.89 1.10 0.00 | 29.68 1.18 0.00 | 25.76 1.01 0.00 | 26.08 1.12 0.00 | 29.78 1.19 -0.03 | 28.52 1.33 -0.16 | 26.77 1.10 -0.04 | 26.15 1.22 0.00 | 27.45 1.10 0.00 | 27.99 1.11 0.00 | 28.02 1.06 0.00 | 30.95 0.99 0.00 | 35.58 1.08 0.00 | 34.09 0.98 0.00 | 35.99 0.94 -0.37 | 34.66 0.93 -0.40 | 31.05 0.72 -0.32 |
| ASHOKAN____ 23654 | 24.76 0.28 0.00 | 28.19 0.23 0.00 | 26.56 0.24 0.00 | 27.00 0.24 0.00 | 25.57 0.28 0.00 | 27.41 0.32 0.00 | 38.30 0.28 0.00 | 38.35 0.55 0.00 | 29.12 0.61 0.00 | 25.19 0.44 0.00 | 25.32 0.36 0.00 | 28.77 0.22 0.00 | 27.49 0.46 0.00 | 25.86 0.22 0.00 | 25.14 0.21 0.00 | 26.56 0.21 0.00 | 27.10 0.22 0.00 | 27.34 0.37 0.00 | 30.59 0.62 0.00 | 35.28 0.78 0.00 | 33.87 0.75 0.00 | 35.52 0.84 0.00 | 34.09 0.75 0.00 | 30.66 0.65 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 25.04 0.56 0.00 | 28.34 0.38 0.00 | 26.94 0.62 0.00 | 27.28 0.51 0.00 | 25.92 0.63 0.00 | 27.71 0.62 0.00 | 38.68 0.66 0.00 | 38.83 1.04 0.00 | 29.67 1.16 0.00 | 25.69 0.93 0.00 | 26.04 1.08 0.00 | 29.73 1.14 -0.03 | 28.46 1.26 -0.16 | 26.72 1.05 -0.04 | 26.10 1.17 0.00 | 27.43 1.08 0.00 | 27.95 1.07 0.00 | 27.98 1.02 0.00 | 30.88 0.91 0.00 | 35.47 0.97 0.00 | 33.97 0.85 0.00 | 35.84 0.79 -0.37 | 34.51 0.77 -0.40 | 30.91 0.59 -0.32 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 25.04 0.56 0.00 | 28.34 0.38 0.00 | 26.94 0.62 0.00 | 27.27 0.51 0.00 | 25.92 0.63 0.00 | 27.70 0.62 0.00 | 38.68 0.66 0.00 | 38.83 1.04 0.00 | 29.67 1.16 0.00 | 25.69 0.93 0.00 | 26.04 1.08 0.00 | 29.73 1.14 -0.03 | 28.46 1.26 -0.16 | 26.72 1.05 -0.04 | 26.10 1.17 0.00 | 27.43 1.08 0.00 | 27.95 1.07 0.00 | 27.98 1.02 0.00 | 30.88 0.91 0.00 | 35.47 0.97 0.00 | 33.97 0.85 0.00 | 35.84 0.79 -0.37 | 34.51 0.77 -0.40 | 30.91 0.59 -0.32 |
| ASTORIA_GT2_1 24094 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT2_2 24095 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT2_3 24096 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT2_4 24097 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT3_1 24098 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT3_2 24099 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT3_3 24100 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT3_4 24101 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT4_1 24102 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT4_2 24103 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT4_3 24104 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |

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|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| ASTORIA_GT4_4 24105 | 25.05 0.57 0.00 | 28.35 0.39 0.00 | 26.95 0.63 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.11 0.00 | 29.75 1.16 -0.03 | 28.46 1.27 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.96 1.08 0.00 | 27.97 1.01 0.00 | 30.91 0.95 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA_GT_1 23523 | 25.09 0.61 0.00 | 28.40 0.44 0.00 | 26.98 0.67 0.00 | 27.33 0.57 0.00 | 25.97 0.68 0.00 | 27.76 0.67 0.00 | 38.77 0.75 0.00 | 38.92 1.13 0.00 | 29.74 1.23 0.00 | 25.75 1.00 0.00 | 26.12 1.16 0.00 | 29.81 1.22 -0.03 | 28.52 1.33 -0.16 | 26.79 1.12 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.03 1.07 0.00 | 30.97 1.01 0.00 | 35.56 1.05 0.00 | 34.06 0.94 0.00 | 35.93 0.88 -0.37 | 34.59 0.85 -0.40 | 30.98 0.65 -0.32 |
| ASTORIA_GT_10 24110 | 25.03 0.55 0.00 | 28.37 0.40 0.00 | 26.87 0.55 0.00 | 27.24 0.48 0.00 | 25.87 0.58 0.00 | 27.69 0.61 0.00 | 38.64 0.62 0.00 | 38.79 0.99 0.00 | 29.63 1.13 0.00 | 25.74 0.99 0.00 | 26.11 1.14 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.49 1.14 0.00 | 27.98 1.10 0.00 | 27.97 1.01 0.00 | 30.89 0.92 0.00 | 35.45 0.95 0.00 | 33.94 0.83 0.00 | 35.83 0.79 -0.37 | 34.49 0.76 -0.40 | 30.89 0.56 -0.32 |
| ASTORIA_GT_11 24225 | 25.03 0.55 0.00 | 28.37 0.40 0.00 | 26.87 0.55 0.00 | 27.24 0.48 0.00 | 25.87 0.58 0.00 | 27.69 0.61 0.00 | 38.64 0.62 0.00 | 38.79 0.99 0.00 | 29.63 1.13 0.00 | 25.74 0.99 0.00 | 26.11 1.14 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.49 1.14 0.00 | 27.98 1.10 0.00 | 27.97 1.01 0.00 | 30.89 0.92 0.00 | 35.45 0.95 0.00 | 33.94 0.83 0.00 | 35.83 0.79 -0.37 | 34.49 0.76 -0.40 | 30.89 0.56 -0.32 |
| ASTORIA_GT_12 24226 | 25.03 0.55 0.00 | 28.37 0.40 0.00 | 26.87 0.55 0.00 | 27.24 0.48 0.00 | 25.87 0.58 0.00 | 27.69 0.61 0.00 | 38.64 0.62 0.00 | 38.79 0.99 0.00 | 29.63 1.13 0.00 | 25.74 0.99 0.00 | 26.11 1.14 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.49 1.14 0.00 | 27.98 1.10 0.00 | 27.97 1.01 0.00 | 30.89 0.92 0.00 | 35.45 0.95 0.00 | 33.94 0.83 0.00 | 35.83 0.79 -0.37 | 34.49 0.76 -0.40 | 30.89 0.56 -0.32 |
| ASTORIA_GT_13 24227 | 25.03 0.55 0.00 | 28.37 0.40 0.00 | 26.87 0.55 0.00 | 27.24 0.48 0.00 | 25.87 0.58 0.00 | 27.69 0.61 0.00 | 38.64 0.62 0.00 | 38.79 0.99 0.00 | 29.63 1.13 0.00 | 25.74 0.99 0.00 | 26.11 1.14 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.49 1.14 0.00 | 27.98 1.10 0.00 | 27.97 1.01 0.00 | 30.89 0.92 0.00 | 35.45 0.95 0.00 | 33.94 0.83 0.00 | 35.83 0.79 -0.37 | 34.49 0.76 -0.40 | 30.89 0.56 -0.32 |
| ASTORIA_GT_5 24106 | 25.09 0.61 0.00 | 28.40 0.44 0.00 | 26.98 0.67 0.00 | 27.33 0.57 0.00 | 25.97 0.68 0.00 | 27.76 0.67 0.00 | 38.77 0.75 0.00 | 38.92 1.13 0.00 | 29.74 1.23 0.00 | 25.75 1.00 0.00 | 26.12 1.16 0.00 | 29.81 1.22 -0.03 | 28.52 1.33 -0.16 | 26.79 1.12 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.03 1.07 0.00 | 30.97 1.01 0.00 | 35.56 1.05 0.00 | 34.06 0.94 0.00 | 35.93 0.88 -0.37 | 34.59 0.85 -0.40 | 30.98 0.65 -0.32 |
| ASTORIA_GT_7 24107 | 25.09 0.61 0.00 | 28.40 0.44 0.00 | 26.98 0.67 0.00 | 27.33 0.57 0.00 | 25.97 0.68 0.00 | 27.76 0.67 0.00 | 38.77 0.75 0.00 | 38.92 1.13 0.00 | 29.74 1.23 0.00 | 25.75 1.00 0.00 | 26.12 1.16 0.00 | 29.81 1.22 -0.03 | 28.52 1.33 -0.16 | 26.79 1.12 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.03 1.07 0.00 | 30.97 1.01 0.00 | 35.56 1.05 0.00 | 34.06 0.94 0.00 | 35.93 0.88 -0.37 | 34.59 0.85 -0.40 | 30.98 0.65 -0.32 |
| ASTORIA_GT_8 24108 | 25.09 0.61 0.00 | 28.40 0.44 0.00 | 26.98 0.67 0.00 | 27.33 0.57 0.00 | 25.97 0.68 0.00 | 27.76 0.67 0.00 | 38.77 0.75 0.00 | 38.92 1.13 0.00 | 29.74 1.23 0.00 | 25.75 1.00 0.00 | 26.12 1.16 0.00 | 29.81 1.22 -0.03 | 28.52 1.33 -0.16 | 26.79 1.12 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.03 1.07 0.00 | 30.97 1.01 0.00 | 35.56 1.05 0.00 | 34.06 0.94 0.00 | 35.93 0.88 -0.37 | 34.59 0.85 -0.40 | 30.98 0.65 -0.32 |
| ASTORIA___2 24149 | 25.05 0.57 0.00 | 28.36 0.40 0.00 | 26.96 0.64 0.00 | 27.29 0.53 0.00 | 25.93 0.64 0.00 | 27.72 0.63 0.00 | 38.70 0.68 0.00 | 38.85 1.05 0.00 | 29.68 1.18 0.00 | 25.70 0.95 0.00 | 26.07 1.10 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.74 1.07 -0.04 | 26.11 1.18 0.00 | 27.43 1.08 0.00 | 27.97 1.08 0.00 | 27.99 1.03 0.00 | 30.89 0.92 0.00 | 35.49 0.98 0.00 | 33.99 0.87 0.00 | 35.86 0.81 -0.37 | 34.53 0.79 -0.40 | 30.93 0.60 -0.32 |
| ASTORIA___3 23516 | 25.03 0.55 0.00 | 28.37 0.40 0.00 | 26.87 0.55 0.00 | 27.24 0.48 0.00 | 25.87 0.58 0.00 | 27.69 0.61 0.00 | 38.64 0.62 0.00 | 38.79 0.99 0.00 | 29.63 1.13 0.00 | 25.75 1.00 0.00 | 26.10 1.14 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.48 1.13 0.00 | 27.98 1.09 0.00 | 27.99 1.03 0.00 | 30.88 0.91 0.00 | 35.45 0.94 0.00 | 33.94 0.83 0.00 | 35.83 0.79 -0.37 | 34.49 0.76 -0.40 | 30.89 0.56 -0.32 |
| ASTORIA___4 23517 | 25.03 0.55 0.00 | 28.37 0.40 0.00 | 26.87 0.55 0.00 | 27.24 0.48 0.00 | 25.87 0.58 0.00 | 27.69 0.61 0.00 | 38.64 0.62 0.00 | 38.79 0.99 0.00 | 29.63 1.13 0.00 | 25.74 0.99 0.00 | 26.11 1.14 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.49 1.14 0.00 | 27.98 1.09 0.00 | 27.97 1.01 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.83 0.79 -0.37 | 34.49 0.76 -0.40 | 30.89 0.56 -0.32 |
| ASTORIA___5 23518 | 25.03 0.55 0.00 | 28.37 0.40 0.00 | 26.87 0.55 0.00 | 27.24 0.48 0.00 | 25.87 0.58 0.00 | 27.69 0.61 0.00 | 38.64 0.62 0.00 | 38.79 0.99 0.00 | 29.63 1.13 0.00 | 25.75 1.00 0.00 | 26.10 1.14 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.49 1.14 0.00 | 27.98 1.10 0.00 | 27.99 1.03 0.00 | 30.88 0.91 0.00 | 35.45 0.95 0.00 | 33.94 0.83 0.00 | 35.83 0.79 -0.37 | 34.49 0.76 -0.40 | 30.89 0.56 -0.32 |
| AST_ENERGY_2_CC3 323677 | 24.97 0.49 0.00 | 28.38 0.42 0.00 | 26.80 0.48 0.00 | 27.21 0.45 0.00 | 25.80 0.51 0.00 | 27.66 0.58 0.00 | 38.57 0.55 0.00 | 38.68 0.88 0.00 | 29.52 1.01 0.00 | 25.61 0.86 0.00 | 25.97 1.01 0.00 | 29.68 1.09 -0.03 | 28.36 1.17 -0.16 | 26.69 1.02 -0.04 | 26.04 1.11 0.00 | 27.39 1.04 0.00 | 27.89 1.00 0.00 | 27.92 0.95 0.00 | 30.83 0.86 0.00 | 35.36 0.86 0.00 | 33.87 0.75 0.00 | 35.71 0.67 -0.37 | 34.38 0.65 -0.40 | 30.81 0.48 -0.32 |
| AST_ENERGY_2_CC4 323678 | 24.97 0.49 0.00 | 28.38 0.42 0.00 | 26.80 0.48 0.00 | 27.21 0.45 0.00 | 25.80 0.51 0.00 | 27.66 0.58 0.00 | 38.57 0.55 0.00 | 38.68 0.88 0.00 | 29.52 1.01 0.00 | 25.61 0.86 0.00 | 25.97 1.01 0.00 | 29.68 1.09 -0.03 | 28.36 1.17 -0.16 | 26.69 1.02 -0.04 | 26.04 1.11 0.00 | 27.39 1.04 0.00 | 27.89 1.00 0.00 | 27.92 0.95 0.00 | 30.83 0.86 0.00 | 35.36 0.86 0.00 | 33.87 0.75 0.00 | 35.71 0.67 -0.37 | 34.38 0.65 -0.40 | 30.81 0.48 -0.32 |

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|--------------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|
| ATHENS_STG_1 23668 | 24.53 0.05 0.00 | 27.97 0.01 0.00 | 26.39 0.07 0.00 | 26.83 0.07 0.00 | 25.41 0.12 0.00 | 27.21 0.12 0.00 | 37.91 -0.12 0.00 | 37.84 0.05 0.00 | 28.71 0.20 0.00 | 24.91 0.16 0.00 | 25.17 0.20 0.00 | 28.75 0.18 -0.01 | 27.35 0.24 -0.07 | 25.83 0.18 -0.02 | 25.17 0.24 0.00 | 26.53 0.19 0.00 | 27.04 0.15 0.00 | 27.15 0.19 0.00 | 30.12 0.15 0.00 | 34.60 0.10 0.00 | 33.18 0.07 0.00 | 34.84 0.01 -0.15 | 33.50 0.00 -0.16 | 30.10 -0.05 -0.13 |
| ATHENS_STG_2 23670 | 24.53 0.05 0.00 | 27.97 0.01 0.00 | 26.39 0.07 0.00 | 26.83 0.07 0.00 | 25.41 0.12 0.00 | 27.21 0.12 0.00 | 37.91 -0.12 0.00 | 37.84 0.05 0.00 | 28.71 0.20 0.00 | 24.91 0.16 0.00 | 25.17 0.20 0.00 | 28.75 0.18 -0.01 | 27.35 0.24 -0.07 | 25.83 0.18 -0.02 | 25.17 0.24 0.00 | 26.53 0.19 0.00 | 27.04 0.15 0.00 | 27.15 0.19 0.00 | 30.12 0.15 0.00 | 34.60 0.10 0.00 | 33.18 0.07 0.00 | 34.84 0.01 -0.15 | 33.50 0.00 -0.16 | 30.10 -0.05 -0.13 |
| ATHENS_STG_3 23677 | 24.53 0.05 0.00 | 27.97 0.01 0.00 | 26.39 0.07 0.00 | 26.83 0.07 0.00 | 25.41 0.12 0.00 | 27.21 0.12 0.00 | 37.91 -0.12 0.00 | 37.84 0.05 0.00 | 28.71 0.20 0.00 | 24.91 0.16 0.00 | 25.17 0.20 0.00 | 28.75 0.18 -0.01 | 27.35 0.24 -0.07 | 25.83 0.18 -0.02 | 25.17 0.24 0.00 | 26.53 0.19 0.00 | 27.04 0.15 0.00 | 27.15 0.19 0.00 | 30.12 0.15 0.00 | 34.60 0.10 0.00 | 33.18 0.07 0.00 | 34.84 0.01 -0.15 | 33.50 0.00 -0.16 | 30.10 -0.05 -0.13 |
| AUBURN___LFGE 323710 | 24.55 0.07 0.00 | 28.08 0.12 0.00 | 26.40 0.08 0.00 | 26.84 0.08 0.00 | 25.34 0.05 0.00 | 27.21 0.12 0.00 | 38.37 0.35 0.00 | 38.05 0.25 0.00 | 28.68 0.18 0.00 | 24.85 0.09 0.00 | 25.05 0.08 0.00 | 28.70 0.15 0.00 | 27.12 0.09 0.00 | 25.81 0.18 0.00 | 25.06 0.13 0.00 | 26.55 0.20 0.00 | 26.96 0.08 0.00 | 27.10 0.13 0.00 | 30.17 0.20 0.00 | 34.74 0.24 0.00 | 33.49 0.37 0.00 | 35.06 0.39 0.00 | 33.71 0.37 0.00 | 30.24 0.22 0.00 |
| BABYLON_RES_REC 323704 | 24.96 0.48 0.00 | 28.37 0.41 0.00 | 26.73 0.41 0.00 | 27.08 0.32 0.00 | 25.67 0.38 0.00 | 27.57 0.49 0.00 | 38.42 0.40 0.00 | 38.52 0.72 0.00 | 29.39 0.89 0.00 | 25.62 0.87 0.00 | 26.16 1.20 0.00 | 29.89 1.31 -0.03 | 28.28 1.08 -0.16 | 26.42 0.75 -0.04 | 25.88 0.95 0.00 | 27.12 0.77 0.00 | 27.61 0.73 0.00 | 25.04 0.66 2.58 | 30.62 0.65 0.00 | 35.12 0.62 0.00 | 27.55 0.50 6.06 | 35.57 0.53 -0.37 | 34.34 0.61 -0.40 | 30.85 0.52 -0.32 |
| BALL_HILL_WT_PWR 323825 | 24.44 -0.04 0.00 | 28.19 0.23 0.00 | 26.33 0.01 0.00 | 26.75 -0.01 0.00 | 25.01 -0.28 0.00 | 27.06 -0.02 0.00 | 38.25 0.23 0.00 | 37.59 -0.20 0.00 | 28.73 0.22 0.00 | 25.05 0.30 0.00 | 25.31 0.34 0.00 | 29.25 0.70 0.00 | 27.46 0.43 0.00 | 26.42 0.79 0.00 | 25.56 0.64 0.00 | 27.23 0.88 0.00 | 27.74 0.85 0.00 | 27.28 0.32 0.00 | 30.16 0.19 0.00 | 34.88 0.38 0.00 | 33.57 0.45 0.00 | 35.38 0.70 0.00 | 34.21 0.87 0.00 | 30.81 0.80 0.00 |
| BARON_WINDS___WT_PWR 323822 | 24.47 -0.01 0.00 | 28.12 0.16 0.00 | 26.33 0.01 0.00 | 26.75 -0.02 0.00 | 25.14 -0.15 0.00 | 27.15 0.06 0.00 | 38.33 0.31 0.00 | 37.84 0.04 0.00 | 28.78 0.27 0.00 | 25.03 0.28 0.00 | 25.23 0.26 0.00 | 29.06 0.51 0.00 | 27.27 0.23 0.00 | 26.11 0.48 0.00 | 25.23 0.30 0.00 | 26.86 0.51 0.00 | 27.42 0.53 0.00 | 27.20 0.24 0.00 | 30.18 0.21 0.00 | 34.95 0.44 0.00 | 33.61 0.49 0.00 | 35.27 0.59 0.00 | 33.99 0.65 0.00 | 30.49 0.48 0.00 |
| BARRETT_IC_1 23704 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_10 23701 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_11 23702 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_12 23703 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_2 23705 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_3 23706 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_4 23707 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_5 23708 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |

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|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_6 23709 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_7 23710 | 24.90 0.42 0.00 | 28.30 0.34 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.46 0.79 -0.04 | 25.85 0.92 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.37 0.54 0.12 | 30.48 0.52 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_8 23711 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT_IC_9 23700 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT___1 23545 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BARRETT___2 23546 | 24.90 0.42 0.00 | 28.31 0.35 0.00 | 26.67 0.35 0.00 | 27.05 0.28 0.00 | 25.65 0.36 0.00 | 27.54 0.45 0.00 | 38.34 0.32 0.00 | 38.38 0.58 0.00 | 29.25 0.75 0.00 | 25.46 0.71 0.00 | 25.99 1.03 0.00 | 29.77 1.18 -0.03 | 28.25 1.05 -0.16 | 26.47 0.80 -0.04 | 25.86 0.93 0.00 | 27.05 0.70 0.00 | 27.49 0.61 0.00 | 27.38 0.55 0.12 | 30.47 0.51 0.00 | 34.98 0.47 0.00 | 33.18 0.36 0.30 | 35.49 0.45 -0.37 | 34.30 0.56 -0.40 | 30.78 0.45 -0.32 |
| BATAVIA___115KV_TB1 55881 | 24.87 0.39 0.00 | 28.67 0.71 0.00 | 26.80 0.48 0.00 | 27.24 0.48 0.00 | 25.49 0.20 0.00 | 27.59 0.50 0.00 | 38.98 0.96 0.00 | 38.39 0.60 0.00 | 29.30 0.79 0.00 | 25.52 0.77 0.00 | 25.82 0.86 0.00 | 29.72 1.16 0.00 | 27.87 0.83 0.00 | 26.79 1.15 0.00 | 25.89 0.96 0.00 | 27.50 1.15 0.00 | 28.12 1.24 0.00 | 27.77 0.81 0.00 | 30.66 0.69 0.00 | 35.45 0.95 0.00 | 34.25 1.13 0.00 | 36.40 1.73 0.00 | 35.18 1.84 0.00 | 31.67 1.66 0.00 |
| BAYONEEC___CTG1 323682 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |
| BAYONEEC___CTG10 323750 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |
| BAYONEEC___CTG2 323683 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |
| BAYONEEC___CTG3 323684 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |
| BAYONEEC___CTG4 323685 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |
| BAYONEEC___CTG5 323686 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |
| BAYONEEC___CTG6 323687 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |
| BAYONEEC___CTG7 323688 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG8 323689 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |
| BAYONEEC___CTG9 323749 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.68 0.65 0.00 | 38.78 0.98 0.00 | 29.59 1.08 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.73 1.14 -0.03 | 28.40 1.21 -0.16 | 26.74 1.06 -0.04 | 26.08 1.15 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.96 1.00 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.54 -0.32 |
| BEACON___LESR 323632 | 24.65 0.17 0.00 | 28.08 0.12 0.00 | 26.40 0.08 0.00 | 26.87 0.11 0.00 | 25.43 0.14 0.00 | 27.30 0.20 0.00 | 38.05 0.03 0.00 | 37.88 0.09 0.00 | 28.72 0.22 0.00 | 24.85 0.10 0.00 | 25.05 0.09 0.00 | 28.52 -0.01 0.02 | 26.94 0.02 0.11 | 25.64 0.03 0.03 | 24.99 0.06 0.00 | 26.39 0.04 0.00 | 26.89 0.00 0.00 | 27.19 0.22 0.00 | 30.26 0.29 0.00 | 34.59 0.09 0.00 | 33.21 0.09 0.00 | 34.51 0.10 0.26 | 33.08 0.02 0.28 | 29.81 0.02 0.22 |
| BEAVER RIVER___HYD 24048 | 25.47 0.99 0.00 | 29.17 1.21 0.00 | 27.47 1.15 0.00 | 27.94 1.18 0.00 | 26.41 1.12 0.00 | 28.42 1.34 0.00 | 40.12 2.10 0.00 | 39.84 2.05 0.00 | 29.78 1.28 0.00 | 25.69 0.94 0.00 | 25.64 0.67 0.00 | 29.12 0.57 0.00 | 27.49 0.46 0.00 | 26.00 0.36 0.00 | 25.12 0.19 0.00 | 26.53 0.18 0.00 | 27.05 0.17 0.00 | 27.29 0.32 0.00 | 30.72 0.75 0.00 | 35.66 1.15 0.00 | 34.41 1.30 0.00 | 36.28 1.60 0.00 | 35.08 1.74 0.00 | 31.67 1.66 0.00 |
| BEEBEE_GT_13 23619 | 24.47 -0.01 0.00 | 28.14 0.18 0.00 | 26.35 0.03 0.00 | 26.79 0.03 0.00 | 25.15 -0.14 0.00 | 27.12 0.03 0.00 | 38.30 0.28 0.00 | 37.80 0.01 0.00 | 28.72 0.22 0.00 | 25.03 0.28 0.00 | 25.29 0.33 0.00 | 29.10 0.55 0.00 | 27.40 0.37 0.00 | 26.25 0.62 0.00 | 25.47 0.55 0.00 | 27.04 0.69 0.00 | 27.59 0.70 0.00 | 27.35 0.38 0.00 | 30.29 0.33 0.00 | 34.98 0.48 0.00 | 33.63 0.52 0.00 | 35.36 0.68 0.00 | 34.01 0.67 0.00 | 30.60 0.59 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 25.20 0.72 0.00 | 28.58 0.62 0.00 | 27.04 0.72 0.00 | 27.41 0.64 0.00 | 26.01 0.72 0.00 | 27.88 0.79 0.00 | 38.96 0.94 0.00 | 39.07 1.28 0.00 | 29.85 1.34 0.00 | 25.89 1.14 0.00 | 26.24 1.28 0.00 | 29.96 1.37 -0.03 | 28.67 1.48 -0.16 | 26.94 1.27 -0.04 | 26.31 1.38 0.00 | 27.66 1.32 0.00 | 28.20 1.31 0.00 | 28.19 1.23 0.00 | 31.15 1.18 0.00 | 35.76 1.26 0.00 | 34.26 1.14 0.00 | 36.15 1.10 -0.37 | 34.79 1.06 -0.40 | 31.13 0.80 -0.32 |
| BETHLEHEM___GRP 23843 | 24.30 -0.18 0.00 | 27.67 -0.29 0.00 | 26.11 -0.21 0.00 | 26.56 -0.20 0.00 | 25.15 -0.14 0.00 | 26.91 -0.18 0.00 | 37.45 -0.58 0.00 | 37.31 -0.48 0.00 | 28.31 -0.20 0.00 | 24.54 -0.21 0.00 | 24.73 -0.23 0.00 | 28.17 -0.37 0.02 | 26.64 -0.28 0.11 | 25.31 -0.29 0.03 | 24.71 -0.22 0.00 | 26.05 -0.30 0.00 | 26.56 -0.33 0.00 | 26.75 -0.21 0.00 | 29.75 -0.22 0.00 | 33.98 -0.52 0.00 | 32.63 -0.48 0.00 | 33.91 -0.52 0.25 | 32.55 -0.53 0.27 | 29.35 -0.45 0.21 |
| BETHLEHEM___GS1 323560 | 24.30 -0.18 0.00 | 27.68 -0.28 0.00 | 26.11 -0.21 0.00 | 26.56 -0.20 0.00 | 25.15 -0.14 0.00 | 26.91 -0.18 0.00 | 37.44 -0.58 0.00 | 37.32 -0.48 0.00 | 28.31 -0.20 0.00 | 24.54 -0.21 0.00 | 24.73 -0.23 0.00 | 28.17 -0.37 0.02 | 26.64 -0.28 0.11 | 25.32 -0.29 0.03 | 24.72 -0.22 0.00 | 26.05 -0.30 0.00 | 26.56 -0.33 0.00 | 26.76 -0.21 0.00 | 29.75 -0.22 0.00 | 33.99 -0.51 0.00 | 32.64 -0.47 0.00 | 33.91 -0.52 0.25 | 32.55 -0.53 0.27 | 29.35 -0.45 0.21 |
| BETHLEHEM___GS2 323561 | 24.30 -0.18 0.00 | 27.68 -0.28 0.00 | 26.11 -0.21 0.00 | 26.56 -0.20 0.00 | 25.15 -0.14 0.00 | 26.91 -0.18 0.00 | 37.44 -0.58 0.00 | 37.32 -0.48 0.00 | 28.31 -0.20 0.00 | 24.54 -0.21 0.00 | 24.73 -0.23 0.00 | 28.17 -0.37 0.02 | 26.64 -0.28 0.11 | 25.32 -0.29 0.03 | 24.72 -0.22 0.00 | 26.05 -0.30 0.00 | 26.56 -0.33 0.00 | 26.76 -0.21 0.00 | 29.75 -0.22 0.00 | 33.99 -0.51 0.00 | 32.64 -0.47 0.00 | 33.91 -0.52 0.25 | 32.55 -0.53 0.27 | 29.35 -0.45 0.21 |
| BETHLEHEM___GS3 323562 | 24.30 -0.18 0.00 | 27.68 -0.28 0.00 | 26.11 -0.21 0.00 | 26.56 -0.20 0.00 | 25.15 -0.14 0.00 | 26.91 -0.18 0.00 | 37.44 -0.58 0.00 | 37.32 -0.48 0.00 | 28.31 -0.20 0.00 | 24.54 -0.21 0.00 | 24.73 -0.23 0.00 | 28.17 -0.37 0.02 | 26.64 -0.28 0.11 | 25.32 -0.29 0.03 | 24.72 -0.22 0.00 | 26.05 -0.30 0.00 | 26.56 -0.33 0.00 | 26.76 -0.21 0.00 | 29.75 -0.22 0.00 | 33.99 -0.51 0.00 | 32.64 -0.47 0.00 | 33.91 -0.52 0.25 | 32.55 -0.53 0.27 | 29.35 -0.45 0.21 |
| BETHLEHEM___STEEL 23779 | 24.39 -0.09 0.00 | 28.16 0.20 0.00 | 26.31 -0.01 0.00 | 26.73 -0.03 0.00 | 24.99 -0.31 0.00 | 27.03 -0.05 0.00 | 38.16 0.14 0.00 | 37.48 -0.32 0.00 | 28.64 0.13 0.00 | 24.99 0.24 0.00 | 25.26 0.30 0.00 | 29.21 0.65 0.00 | 27.42 0.39 0.00 | 26.41 0.78 0.00 | 25.60 0.67 0.00 | 27.23 0.88 0.00 | 27.74 0.85 0.00 | 27.27 0.31 0.00 | 30.08 0.12 0.00 | 34.77 0.27 0.00 | 33.49 0.38 0.00 | 35.33 0.66 0.00 | 34.16 0.82 0.00 | 30.81 0.80 0.00 |
| BETHLHEM_115KV_TB1 79974 | 24.59 0.11 0.00 | 28.04 0.08 0.00 | 26.43 0.11 0.00 | 26.89 0.13 0.00 | 25.45 0.16 0.00 | 27.25 0.16 0.00 | 38.00 -0.02 0.00 | 37.88 0.08 0.00 | 28.69 0.19 0.00 | 24.88 0.13 0.00 | 25.09 0.13 0.00 | 28.61 0.06 0.01 | 27.09 0.11 0.06 | 25.70 0.08 0.01 | 25.06 0.13 0.00 | 26.43 0.08 0.00 | 26.94 0.06 0.00 | 27.10 0.14 0.00 | 30.12 0.15 0.00 | 34.59 0.08 0.00 | 33.19 0.07 0.00 | 34.60 0.04 0.13 | 33.22 0.02 0.14 | 29.90 0.00 0.11 |
| BETHPAGE_CC_5 323564 | 24.94 0.47 0.00 | 28.36 0.40 0.00 | 26.72 0.40 0.00 | 27.09 0.33 0.00 | 25.68 0.39 0.00 | 27.56 0.47 0.00 | 38.38 0.36 0.00 | 38.44 0.64 0.00 | 29.33 0.83 0.00 | 25.51 0.76 0.00 | 26.03 1.07 0.00 | 29.75 1.16 -0.03 | 28.19 0.99 -0.16 | 26.37 0.71 -0.04 | 25.82 0.89 0.00 | 27.02 0.67 0.00 | 27.53 0.64 0.00 | 25.15 0.58 2.38 | 30.50 0.53 0.00 | 35.01 0.51 0.00 | 27.89 0.38 5.60 | 35.48 0.44 -0.37 | 34.33 0.59 -0.40 | 30.84 0.51 -0.32 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 24.43 -0.05 0.00 | 28.19 0.23 0.00 | 26.35 0.03 0.00 | 26.77 0.00 0.00 | 25.01 -0.28 0.00 | 27.07 -0.02 0.00 | 38.23 0.21 0.00 | 37.55 -0.24 0.00 | 28.69 0.19 0.00 | 25.04 0.29 0.00 | 25.32 0.36 0.00 | 29.27 0.71 0.00 | 27.48 0.45 0.00 | 26.46 0.83 0.00 | 25.65 0.72 0.00 | 27.28 0.93 0.00 | 27.79 0.91 0.00 | 27.33 0.37 0.00 | 30.15 0.18 0.00 | 34.85 0.34 0.00 | 33.56 0.45 0.00 | 35.40 0.72 0.00 | 34.21 0.87 0.00 | 30.85 0.83 0.00 |
| BINGHAMTON___COGEN 23790 | 24.44 -0.04 0.00 | 27.97 0.01 0.00 | 26.28 -0.04 0.00 | 26.71 -0.06 0.00 | 25.21 -0.08 0.00 | 27.11 0.02 0.00 | 38.12 0.10 0.00 | 37.85 0.05 0.00 | 28.71 0.20 0.00 | 24.96 0.20 0.00 | 25.16 0.20 0.00 | 28.83 0.26 0.00 | 27.24 0.18 -0.02 | 25.92 0.28 0.00 | 25.14 0.21 0.00 | 26.61 0.26 0.00 | 27.15 0.27 0.00 | 27.12 0.15 0.00 | 30.11 0.14 0.00 | 34.80 0.30 0.00 | 33.40 0.28 0.00 | 34.98 0.25 -0.05 | 33.66 0.27 -0.06 | 30.16 0.10 -0.05 |

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|-------------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| BIXINCNT_115KV_LOAD 355685 | 24.65 0.17 0.00 | 28.44 0.48 0.00 | 26.57 0.25 0.00 | 26.96 0.20 0.00 | 25.23 -0.06 0.00 | 27.34 0.25 0.00 | 38.70 0.68 0.00 | 38.07 0.27 0.00 | 29.07 0.57 0.00 | 25.36 0.61 0.00 | 25.58 0.62 0.00 | 29.53 0.97 0.00 | 27.77 0.74 0.00 | 26.69 1.06 0.00 | 25.84 0.90 0.00 | 27.50 1.15 0.00 | 27.99 1.10 0.00 | 27.55 0.58 0.00 | 30.37 0.40 0.00 | 35.08 0.57 0.00 | 33.82 0.71 0.00 | 35.64 0.96 0.00 | 34.44 1.10 0.00 | 31.00 0.98 0.00 |
| BLACK RIVER___HYD 24047 | 25.63 1.15 0.00 | 29.38 1.42 0.00 | 27.62 1.30 0.00 | 28.12 1.35 0.00 | 26.58 1.29 0.00 | 28.67 1.58 0.00 | 40.51 2.49 0.00 | 40.21 2.42 0.00 | 30.03 1.52 0.00 | 25.86 1.11 0.00 | 25.73 0.77 0.00 | 29.16 0.60 0.00 | 27.46 0.42 0.00 | 25.94 0.30 0.00 | 25.03 0.11 0.00 | 26.39 0.05 0.00 | 26.94 0.06 0.00 | 27.26 0.30 0.00 | 30.81 0.85 0.00 | 35.88 1.38 0.00 | 34.77 1.65 0.00 | 36.72 2.05 0.00 | 35.46 2.12 0.00 | 31.97 1.96 0.00 |
| BLACKRVR_115KV_TB2 79977 | 25.63 1.15 0.00 | 29.38 1.42 0.00 | 27.62 1.30 0.00 | 28.12 1.35 0.00 | 26.58 1.30 0.00 | 28.67 1.58 0.00 | 40.51 2.49 0.00 | 40.21 2.42 0.00 | 30.03 1.52 0.00 | 25.86 1.11 0.00 | 25.73 0.77 0.00 | 29.16 0.60 0.00 | 27.46 0.42 0.00 | 25.94 0.30 0.00 | 25.04 0.11 0.00 | 26.39 0.05 0.00 | 26.94 0.06 0.00 | 27.27 0.30 0.00 | 30.81 0.85 0.00 | 35.89 1.38 0.00 | 34.77 1.65 0.00 | 36.72 2.05 0.00 | 35.46 2.12 0.00 | 31.97 1.96 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 25.08 0.60 0.00 | 28.49 0.53 0.00 | 26.83 0.51 0.00 | 27.21 0.44 0.00 | 25.80 0.51 0.00 | 27.71 0.61 0.00 | 38.61 0.59 0.00 | 38.69 0.90 0.00 | 29.51 1.00 0.00 | 25.68 0.93 0.00 | 26.19 1.23 0.00 | 29.95 1.36 -0.03 | 28.41 1.21 -0.16 | 26.61 0.94 -0.04 | 26.01 1.09 0.00 | 27.25 0.89 0.00 | 27.75 0.87 0.00 | 26.28 0.81 1.49 | 30.78 0.82 0.00 | 35.33 0.83 0.00 | 30.32 0.71 3.50 | 35.80 0.76 -0.37 | 34.57 0.84 -0.40 | 31.02 0.69 -0.32 |
| BLISS_WT_PWR 323608 | 24.64 0.16 0.00 | 28.44 0.48 0.00 | 26.56 0.24 0.00 | 26.96 0.19 0.00 | 25.23 -0.06 0.00 | 27.33 0.25 0.00 | 38.69 0.67 0.00 | 38.07 0.28 0.00 | 29.07 0.57 0.00 | 25.37 0.61 0.00 | 25.58 0.62 0.00 | 29.54 0.98 0.00 | 27.77 0.73 0.00 | 26.67 1.03 0.00 | 25.80 0.87 0.00 | 27.52 1.17 0.00 | 27.99 1.10 0.00 | 27.52 0.56 0.00 | 30.38 0.42 0.00 | 35.07 0.56 0.00 | 33.82 0.71 0.00 | 35.64 0.96 0.00 | 34.44 1.10 0.00 | 31.00 0.99 0.00 |
| BLUESTONE___WT_PWR 323821 | 24.79 0.31 0.00 | 28.58 0.62 0.00 | 26.89 0.57 0.00 | 27.57 0.80 0.00 | 26.15 0.86 0.00 | 28.14 1.05 0.00 | 39.67 1.65 0.00 | 39.38 1.58 0.00 | 30.34 1.84 0.00 | 26.36 1.60 0.00 | 26.43 1.47 0.00 | 29.89 1.32 -0.01 | 28.24 1.16 -0.04 | 26.71 1.07 -0.01 | 25.91 0.98 0.00 | 27.29 0.94 0.00 | 27.86 0.98 0.00 | 27.96 1.00 0.00 | 31.23 1.27 0.00 | 36.32 1.81 0.00 | 34.75 1.64 0.00 | 36.30 1.53 -0.09 | 34.90 1.46 -0.10 | 31.03 0.93 -0.08 |
| BLUE_CIRC_CHEM_DRP 24182 | 24.69 0.21 0.00 | 28.16 0.20 0.00 | 26.56 0.24 0.00 | 27.03 0.26 0.00 | 25.58 0.29 0.00 | 27.38 0.29 0.00 | 38.17 0.15 0.00 | 37.98 0.18 0.00 | 28.73 0.22 0.00 | 24.89 0.14 0.00 | 25.04 0.08 0.00 | 28.48 -0.06 0.01 | 26.98 0.01 0.06 | 25.58 -0.04 0.02 | 24.96 0.03 0.00 | 26.30 -0.05 0.00 | 26.83 -0.06 0.00 | 27.04 0.07 0.00 | 30.17 0.20 0.00 | 34.67 0.17 0.00 | 33.29 0.17 0.00 | 34.70 0.16 0.14 | 33.31 0.13 0.15 | 30.01 0.12 0.12 |
| BOC_GAS_DRP 24189 | 24.52 0.04 0.00 | 27.96 0.00 0.00 | 26.36 0.04 0.00 | 26.82 0.05 0.00 | 25.38 0.09 0.00 | 27.17 0.08 0.00 | 37.89 -0.13 0.00 | 37.76 -0.04 0.00 | 28.61 0.10 0.00 | 24.81 0.06 0.00 | 25.03 0.07 0.00 | 28.55 0.01 0.01 | 27.04 0.07 0.06 | 25.65 0.04 0.01 | 25.02 0.09 0.00 | 26.38 0.04 0.00 | 26.89 0.00 0.00 | 27.02 0.06 0.00 | 30.03 0.06 0.00 | 34.46 -0.04 0.00 | 33.06 -0.05 0.00 | 34.47 -0.08 0.13 | 33.11 -0.09 0.14 | 29.81 -0.09 0.11 |
| BOONVILLE_115KV_TB1 79983 | 25.18 0.70 0.00 | 28.76 0.80 0.00 | 27.07 0.75 0.00 | 27.53 0.77 0.00 | 26.01 0.71 0.00 | 27.95 0.86 0.00 | 39.35 1.33 0.00 | 39.13 1.33 0.00 | 29.42 0.92 0.00 | 25.46 0.71 0.00 | 25.54 0.58 0.00 | 29.04 0.48 0.00 | 27.43 0.39 0.00 | 25.99 0.36 0.00 | 25.22 0.29 0.00 | 26.65 0.31 0.00 | 27.23 0.34 0.00 | 27.45 0.48 0.00 | 30.77 0.81 0.00 | 35.60 1.10 0.00 | 34.21 1.10 0.00 | 35.85 1.18 0.00 | 34.55 1.21 0.00 | 31.09 1.08 0.00 |
| BORALEX_4TH_BRANCH 23824 | 25.34 0.86 0.00 | 28.77 0.81 0.00 | 27.09 0.77 0.00 | 27.59 0.83 0.00 | 26.16 0.87 0.00 | 27.97 0.89 0.00 | 39.00 0.98 0.00 | 38.79 1.00 0.00 | 29.31 0.80 0.00 | 25.35 0.60 0.00 | 25.48 0.52 0.00 | 29.08 0.58 0.06 | 27.37 0.62 0.29 | 26.13 0.56 0.07 | 25.52 0.59 0.00 | 26.85 0.50 0.00 | 27.31 0.43 0.00 | 27.62 0.66 0.00 | 30.74 0.78 0.00 | 35.20 0.70 0.00 | 33.74 0.63 0.00 | 34.80 0.78 0.65 | 33.32 0.68 0.70 | 30.12 0.67 0.56 |
| BOWLINE___1 23526 | 24.82 0.34 0.00 | 28.24 0.28 0.00 | 26.60 0.28 0.00 | 27.01 0.25 0.00 | 25.59 0.30 0.00 | 27.45 0.36 0.00 | 38.34 0.32 0.00 | 38.38 0.59 0.00 | 29.22 0.72 0.00 | 25.37 0.62 0.00 | 25.71 0.75 0.00 | 29.38 0.79 -0.03 | 28.06 0.88 -0.14 | 26.41 0.74 -0.03 | 25.75 0.82 0.00 | 27.10 0.75 0.00 | 27.58 0.70 0.00 | 27.64 0.68 0.00 | 30.58 0.61 0.00 | 35.15 0.65 0.00 | 33.70 0.58 0.00 | 35.51 0.51 -0.33 | 34.22 0.53 -0.35 | 30.69 0.40 -0.28 |
| BOWLINE___2 23595 | 24.81 0.33 0.00 | 28.23 0.27 0.00 | 26.59 0.27 0.00 | 27.01 0.24 0.00 | 25.59 0.30 0.00 | 27.44 0.35 0.00 | 38.33 0.31 0.00 | 38.37 0.57 0.00 | 29.21 0.70 0.00 | 25.36 0.61 0.00 | 25.70 0.74 0.00 | 29.37 0.78 -0.03 | 28.05 0.87 -0.14 | 26.40 0.73 -0.03 | 25.74 0.81 0.00 | 27.09 0.74 0.00 | 27.58 0.69 0.00 | 27.62 0.66 0.00 | 30.57 0.60 0.00 | 35.13 0.63 0.00 | 33.69 0.58 0.00 | 35.50 0.50 -0.33 | 34.21 0.52 -0.35 | 30.67 0.38 -0.28 |
| BRADY___115KV_TB2 356060 | 25.65 1.17 0.00 | 29.36 1.40 0.00 | 27.61 1.30 0.00 | 28.08 1.31 0.00 | 26.48 1.19 0.00 | 28.35 1.27 0.00 | 39.98 1.96 0.00 | 39.59 1.79 0.00 | 29.46 0.95 0.00 | 25.49 0.74 0.00 | 25.68 0.72 0.00 | 29.46 0.90 0.00 | 27.86 0.83 0.00 | 26.38 0.75 0.00 | 25.62 0.69 0.00 | 27.15 0.80 0.00 | 27.72 0.83 0.00 | 27.70 0.73 0.00 | 30.87 0.90 0.00 | 35.88 1.38 0.00 | 34.63 1.51 0.00 | 36.40 1.73 0.00 | 35.01 1.67 0.00 | 31.61 1.59 0.00 |
| BRANSCOMB___SOLAR 323811 | 25.25 0.77 0.00 | 28.72 0.76 0.00 | 27.02 0.69 0.00 | 27.51 0.75 0.00 | 26.07 0.78 0.00 | 27.95 0.86 0.00 | 39.09 1.07 0.00 | 38.87 1.07 0.00 | 29.31 0.81 0.00 | 25.25 0.50 0.00 | 25.38 0.42 0.00 | 28.95 0.42 0.03 | 27.32 0.43 0.14 | 25.92 0.32 0.03 | 25.28 0.35 0.00 | 26.66 0.31 0.00 | 27.29 0.40 0.00 | 27.67 0.71 0.00 | 31.03 1.06 0.00 | 35.66 1.16 0.00 | 34.19 1.08 0.00 | 35.47 1.12 0.32 | 33.96 0.97 0.35 | 30.60 0.87 0.28 |
| BRDGHMPT_69_KV_BK1 55812 | 24.48 0.00 0.00 | 27.76 -0.20 0.00 | 26.15 -0.17 0.00 | 26.49 -0.27 0.00 | 25.12 -0.17 0.00 | 26.99 -0.10 0.00 | 37.53 -0.49 0.00 | 37.70 -0.09 0.00 | 28.89 0.39 0.00 | 25.31 0.56 0.00 | 25.88 0.92 0.00 | 29.65 1.06 -0.03 | 27.96 0.77 -0.16 | 26.10 0.43 -0.04 | 25.61 0.68 0.00 | 26.90 0.55 0.00 | 27.41 0.53 0.00 | 24.47 0.40 2.89 | 30.30 0.34 0.00 | 34.82 0.32 0.00 | 26.53 0.20 6.78 | 35.19 0.15 -0.37 | 33.79 0.05 -0.40 | 30.26 -0.07 -0.32 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 24.98 0.50 0.00 | 28.38 0.42 0.00 | 26.73 0.41 0.00 | 27.07 0.31 0.00 | 25.69 0.40 0.00 | 27.61 0.52 0.00 | 38.41 0.39 0.00 | 38.49 0.69 0.00 | 29.37 0.86 0.00 | 25.65 0.90 0.00 | 26.22 1.26 0.00 | 29.98 1.39 -0.03 | 28.32 1.13 -0.16 | 26.44 0.77 -0.04 | 25.91 0.98 0.00 | 27.15 0.80 0.00 | 27.60 0.72 0.00 | 24.76 0.63 2.84 | 30.60 0.63 0.00 | 35.10 0.60 0.00 | 26.91 0.46 6.67 | 35.55 0.50 -0.37 | 34.30 0.57 -0.40 | 30.85 0.52 -0.32 |
| BRISTLHL_115KV_TB1 79998 | 24.01 -0.47 0.00 | 27.44 -0.52 0.00 | 25.80 -0.52 0.00 | 26.24 -0.52 0.00 | 24.78 -0.51 0.00 | 26.57 -0.52 0.00 | 37.42 -0.60 0.00 | 37.14 -0.65 0.00 | 27.94 -0.56 0.00 | 24.30 -0.45 0.00 | 24.49 -0.46 0.00 | 27.98 -0.57 0.00 | 26.45 -0.58 0.00 | 25.14 -0.50 0.00 | 24.44 -0.49 0.00 | 25.82 -0.53 0.00 | 26.35 -0.54 0.00 | 26.39 -0.57 0.00 | 29.36 -0.61 0.00 | 33.92 -0.58 0.00 | 32.58 -0.54 0.00 | 34.12 -0.56 0.00 | 32.78 -0.56 0.00 | 29.46 -0.56 0.00 |
| BROOKHAVEN___DRP 24191 | 24.59 0.11 0.00 | 27.91 -0.05 0.00 | 26.28 -0.04 0.00 | 26.63 -0.14 0.00 | 25.26 -0.03 0.00 | 27.14 0.05 0.00 | 37.67 -0.35 0.00 | 37.76 -0.03 0.00 | 28.85 0.34 0.00 | 25.24 0.49 0.00 | 25.83 0.87 0.00 | 29.54 0.95 -0.03 | 27.90 0.70 -0.16 | 26.04 0.38 -0.04 | 25.55 0.62 0.00 | 26.78 0.43 0.00 | 27.26 0.37 0.00 | 24.33 0.26 2.89 | 30.14 0.17 0.00 | 34.60 0.10 0.00 | 26.36 0.03 6.79 | 35.10 0.05 -0.37 | 33.78 0.05 -0.40 | 30.34 0.02 -0.32 |
| BROOKLYN_NAVY_YARD 23515 | 25.00 0.52 0.00 | 28.38 0.41 0.00 | 26.80 0.48 0.00 | 27.21 0.45 0.00 | 25.81 0.53 0.00 | 27.68 0.59 0.00 | 38.60 0.58 0.00 | 38.71 0.92 0.00 | 29.54 1.03 0.00 | 25.64 0.88 0.00 | 25.98 1.02 0.00 | 29.69 1.10 -0.03 | 28.37 1.18 -0.16 | 26.71 1.04 -0.04 | 26.05 1.12 0.00 | 27.41 1.06 0.00 | 27.90 1.01 0.00 | 27.93 0.97 0.00 | 30.84 0.88 0.00 | 35.39 0.89 0.00 | 33.90 0.79 0.00 | 35.74 0.70 -0.37 | 34.42 0.68 -0.40 | 30.83 0.50 -0.32 |
| BROOKLYN___ARMY_DRP 323595 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| BROOME_2_LFGE 323671 | 24.44 -0.04 0.00 | 27.97 0.01 0.00 | 26.28 -0.04 0.00 | 26.71 -0.06 0.00 | 25.21 -0.08 0.00 | 27.11 0.02 0.00 | 38.12 0.10 0.00 | 37.85 0.05 0.00 | 28.71 0.20 0.00 | 24.96 0.21 0.00 | 25.16 0.20 0.00 | 28.83 0.27 0.00 | 27.24 0.18 -0.02 | 25.91 0.28 0.00 | 25.13 0.20 0.00 | 26.61 0.26 0.00 | 27.15 0.27 0.00 | 27.11 0.15 0.00 | 30.12 0.15 0.00 | 34.80 0.30 0.00 | 33.40 0.28 0.00 | 34.98 0.25 -0.05 | 33.66 0.27 -0.06 | 30.16 0.10 -0.05 |
| BROOME___LFGE 323600 | 24.44 -0.04 0.00 | 27.97 0.01 0.00 | 26.28 -0.04 0.00 | 26.71 -0.06 0.00 | 25.21 -0.08 0.00 | 27.11 0.02 0.00 | 38.12 0.10 0.00 | 37.85 0.05 0.00 | 28.71 0.20 0.00 | 24.96 0.21 0.00 | 25.16 0.20 0.00 | 28.83 0.27 0.00 | 27.24 0.18 -0.02 | 25.91 0.28 0.00 | 25.13 0.20 0.00 | 26.61 0.26 0.00 | 27.15 0.27 0.00 | 27.11 0.15 0.00 | 30.12 0.15 0.00 | 34.80 0.30 0.00 | 33.40 0.28 0.00 | 34.98 0.25 -0.05 | 33.66 0.27 -0.06 | 30.16 0.10 -0.05 |
| BROWNFLS_115KV_TB_3_5 80003 | 25.51 1.03 0.00 | 29.21 1.25 0.00 | 27.49 1.17 0.00 | 27.96 1.20 0.00 | 26.40 1.11 0.00 | 28.35 1.26 0.00 | 40.01 1.99 0.00 | 39.71 1.91 0.00 | 29.66 1.16 0.00 | 25.62 0.87 0.00 | 25.68 0.71 0.00 | 29.29 0.74 0.00 | 27.67 0.64 0.00 | 26.18 0.55 0.00 | 25.35 0.41 0.00 | 26.82 0.47 0.00 | 27.31 0.43 0.00 | 27.40 0.44 0.00 | 30.71 0.75 0.00 | 35.60 1.09 0.00 | 34.34 1.22 0.00 | 36.23 1.55 0.00 | 35.01 1.67 0.00 | 31.61 1.59 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 25.23 0.75 0.00 | 28.65 0.69 0.00 | 27.05 0.73 0.00 | 27.45 0.69 0.00 | 26.03 0.74 0.00 | 27.92 0.83 0.00 | 38.99 0.97 0.00 | 39.11 1.31 0.00 | 29.84 1.34 0.00 | 25.89 1.14 0.00 | 26.26 1.29 0.00 | 30.00 1.41 -0.03 | 28.64 1.45 -0.16 | 26.96 1.29 -0.04 | 26.30 1.37 0.00 | 27.68 1.33 0.00 | 28.19 1.30 0.00 | 28.20 1.24 0.00 | 31.17 1.20 0.00 | 35.77 1.26 0.00 | 34.27 1.15 0.00 | 36.13 1.09 -0.37 | 34.77 1.04 -0.40 | 31.14 0.81 -0.32 |
| BURROWS___LYONSDAL 23803 | 25.23 0.75 0.00 | 28.84 0.88 0.00 | 27.15 0.83 0.00 | 27.62 0.86 0.00 | 26.09 0.80 0.00 | 28.06 0.97 0.00 | 39.54 1.52 0.00 | 39.29 1.50 0.00 | 29.51 1.00 0.00 | 25.52 0.76 0.00 | 25.56 0.60 0.00 | 29.05 0.49 0.00 | 27.43 0.40 0.00 | 25.99 0.35 0.00 | 25.18 0.26 0.00 | 26.61 0.26 0.00 | 27.17 0.29 0.00 | 27.40 0.44 0.00 | 30.76 0.79 0.00 | 35.59 1.09 0.00 | 34.24 1.12 0.00 | 35.91 1.23 0.00 | 34.65 1.31 0.00 | 31.23 1.21 0.00 |
| CAITHNESS_CC_1 323624 | 24.62 0.14 0.00 | 27.96 0.00 0.00 | 26.32 0.01 0.00 | 26.67 -0.09 0.00 | 25.30 0.01 0.00 | 27.19 0.10 0.00 | 37.73 -0.29 0.00 | 37.81 0.02 0.00 | 28.87 0.37 0.00 | 25.25 0.50 0.00 | 25.86 0.89 0.00 | 29.56 0.97 -0.03 | 27.93 0.73 -0.16 | 26.08 0.41 -0.04 | 25.57 0.65 0.00 | 26.79 0.44 0.00 | 27.27 0.39 0.00 | 24.34 0.26 2.89 | 30.14 0.17 0.00 | 34.62 0.11 0.00 | 26.35 0.03 6.79 | 35.10 0.06 -0.37 | 33.81 0.07 -0.40 | 30.39 0.06 -0.32 |
| CALPINE BETH_PAGE_GT4 24209 | 25.00 0.53 0.00 | 28.42 0.46 0.00 | 26.78 0.46 0.00 | 27.15 0.39 0.00 | 25.74 0.45 0.00 | 27.64 0.55 0.00 | 38.50 0.48 0.00 | 38.58 0.78 0.00 | 29.43 0.93 0.00 | 25.55 0.80 0.00 | 26.06 1.10 0.00 | 29.78 1.19 -0.03 | 28.22 1.03 -0.16 | 26.41 0.74 -0.04 | 25.85 0.92 0.00 | 27.07 0.72 0.00 | 27.56 0.68 0.00 | 25.42 0.62 2.16 | 30.55 0.58 0.00 | 35.06 0.56 0.00 | 28.48 0.44 5.08 | 35.56 0.51 -0.37 | 34.43 0.70 -0.40 | 30.92 0.59 -0.32 |
| CALPINE_BETH_PAGE_GT_4 323586 | 25.00 0.53 0.00 | 28.43 0.46 0.00 | 26.78 0.46 0.00 | 27.15 0.39 0.00 | 25.74 0.45 0.00 | 27.64 0.55 0.00 | 38.50 0.48 0.00 | 38.58 0.78 0.00 | 29.43 0.93 0.00 | 25.55 0.80 0.00 | 26.06 1.10 0.00 | 29.78 1.19 -0.03 | 28.23 1.03 -0.16 | 26.41 0.74 -0.04 | 25.86 0.93 0.00 | 27.06 0.72 0.00 | 27.56 0.68 0.00 | 25.43 0.63 2.16 | 30.54 0.58 0.00 | 35.06 0.56 0.00 | 28.48 0.44 5.08 | 35.56 0.52 -0.37 | 34.43 0.69 -0.40 | 30.92 0.59 -0.32 |
| CALPINE_BP_GT1 23823 | 25.00 0.53 0.00 | 28.43 0.46 0.00 | 26.78 0.46 0.00 | 27.15 0.39 0.00 | 25.74 0.45 0.00 | 27.64 0.55 0.00 | 38.50 0.48 0.00 | 38.58 0.78 0.00 | 29.43 0.93 0.00 | 25.55 0.80 0.00 | 26.06 1.10 0.00 | 29.78 1.19 -0.03 | 28.23 1.03 -0.16 | 26.41 0.74 -0.04 | 25.86 0.93 0.00 | 27.06 0.72 0.00 | 27.56 0.68 0.00 | 25.43 0.63 2.16 | 30.54 0.58 0.00 | 35.06 0.56 0.00 | 28.48 0.44 5.08 | 35.56 0.52 -0.37 | 34.43 0.69 -0.40 | 30.92 0.59 -0.32 |
| CALSPAN___DRP 24200 | 24.39 -0.09 0.00 | 28.16 0.20 0.00 | 26.31 -0.01 0.00 | 26.73 -0.03 0.00 | 24.99 -0.31 0.00 | 27.03 -0.05 0.00 | 38.16 0.14 0.00 | 37.48 -0.32 0.00 | 28.64 0.13 0.00 | 24.99 0.24 0.00 | 25.26 0.30 0.00 | 29.21 0.65 0.00 | 27.42 0.39 0.00 | 26.41 0.78 0.00 | 25.60 0.67 0.00 | 27.23 0.88 0.00 | 27.74 0.85 0.00 | 27.27 0.31 0.00 | 30.08 0.12 0.00 | 34.77 0.27 0.00 | 33.49 0.38 0.00 | 35.33 0.66 0.00 | 34.16 0.82 0.00 | 30.81 0.80 0.00 |

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| CALVERTON___SOLAR 323806 | 24.56 0.08 0.00 | 27.89 -0.08 0.00 | 26.26 -0.06 0.00 | 26.60 -0.17 0.00 | 25.23 -0.06 0.00 | 27.11 0.03 0.00 | 37.64 -0.38 0.00 | 37.74 -0.05 0.00 | 28.84 0.34 0.00 | 25.24 0.49 0.00 | 25.83 0.86 0.00 | 29.53 0.94 -0.03 | 27.89 0.69 -0.16 | 26.04 0.38 -0.04 | 25.54 0.61 0.00 | 26.77 0.42 0.00 | 27.28 0.39 0.00 | 24.35 0.28 2.89 | 30.15 0.18 0.00 | 34.62 0.12 0.00 | 26.36 0.03 6.79 | 35.10 0.06 -0.37 | 33.77 0.04 -0.40 | 30.32 -0.01 -0.32 |
| CANDIGU_WT_PWR 323617 | 24.47 -0.01 0.00 | 28.12 0.16 0.00 | 26.33 0.01 0.00 | 26.75 -0.02 0.00 | 25.14 -0.15 0.00 | 27.15 0.06 0.00 | 38.33 0.31 0.00 | 37.84 0.04 0.00 | 28.78 0.27 0.00 | 25.03 0.28 0.00 | 25.23 0.26 0.00 | 29.06 0.51 0.00 | 27.27 0.23 0.00 | 26.11 0.48 0.00 | 25.23 0.30 0.00 | 26.86 0.51 0.00 | 27.42 0.53 0.00 | 27.20 0.24 0.00 | 30.18 0.21 0.00 | 34.95 0.44 0.00 | 33.61 0.49 0.00 | 35.27 0.59 0.00 | 33.99 0.65 0.00 | 30.49 0.48 0.00 |
| CARR STREET_E_SYR 24060 | 24.17 -0.31 0.00 | 27.62 -0.34 0.00 | 25.96 -0.36 0.00 | 26.40 -0.37 0.00 | 24.93 -0.37 0.00 | 26.73 -0.36 0.00 | 37.66 -0.36 0.00 | 37.37 -0.42 0.00 | 28.16 -0.35 0.00 | 24.50 -0.25 0.00 | 24.70 -0.26 0.00 | 28.27 -0.29 0.00 | 26.70 -0.33 0.00 | 25.38 -0.26 0.00 | 24.66 -0.28 0.00 | 26.04 -0.31 0.00 | 26.57 -0.32 0.00 | 26.59 -0.37 0.00 | 29.57 -0.39 0.00 | 34.14 -0.37 0.00 | 32.77 -0.35 0.00 | 34.30 -0.37 0.00 | 33.04 -0.30 0.00 | 29.68 -0.33 0.00 |
| CARTHAGE___PAPER 23857 | 25.72 1.24 0.00 | 29.46 1.50 0.00 | 27.72 1.40 0.00 | 28.20 1.44 0.00 | 26.66 1.37 0.00 | 28.72 1.63 0.00 | 40.57 2.55 0.00 | 40.27 2.48 0.00 | 30.04 1.54 0.00 | 25.89 1.14 0.00 | 25.74 0.78 0.00 | 29.22 0.66 0.00 | 27.56 0.53 0.00 | 26.05 0.42 0.00 | 25.16 0.23 0.00 | 26.56 0.21 0.00 | 27.11 0.22 0.00 | 27.41 0.45 0.00 | 30.93 0.96 0.00 | 35.98 1.48 0.00 | 34.80 1.68 0.00 | 36.71 2.03 0.00 | 35.47 2.13 0.00 | 32.00 1.99 0.00 |
| CASSADAGA_WT_PWR 323784 | 24.83 0.35 0.00 | 28.60 0.64 0.00 | 26.73 0.41 0.00 | 27.14 0.38 0.00 | 25.33 0.04 0.00 | 27.41 0.32 0.00 | 39.13 1.11 0.00 | 38.64 0.85 0.00 | 29.60 1.10 0.00 | 25.82 1.07 0.00 | 26.05 1.08 0.00 | 30.08 1.53 0.00 | 28.26 1.22 0.00 | 27.17 1.53 0.00 | 26.24 1.32 0.00 | 27.96 1.61 0.00 | 28.49 1.61 0.00 | 27.96 1.00 0.00 | 30.80 0.83 0.00 | 35.62 1.12 0.00 | 34.20 1.09 0.00 | 35.97 1.30 0.00 | 34.84 1.50 0.00 | 31.30 1.29 0.00 |
| CE_DUNWOOD___DRP 24194 | 24.93 0.45 0.00 | 28.35 0.39 0.00 | 26.73 0.41 0.00 | 27.15 0.38 0.00 | 25.73 0.44 0.00 | 27.58 0.50 0.00 | 38.51 0.49 0.00 | 38.57 0.78 0.00 | 29.38 0.88 0.00 | 25.51 0.76 0.00 | 25.86 0.90 0.00 | 29.54 0.95 -0.03 | 28.20 1.01 -0.16 | 26.54 0.87 -0.04 | 25.88 0.95 0.00 | 27.24 0.89 0.00 | 27.73 0.84 0.00 | 27.77 0.81 0.00 | 30.73 0.76 0.00 | 35.28 0.78 0.00 | 33.81 0.69 0.00 | 35.67 0.63 -0.36 | 34.35 0.62 -0.39 | 30.79 0.46 -0.31 |
| CE_MILLWOOD___DRP 24193 | 24.89 0.41 0.00 | 28.30 0.34 0.00 | 26.69 0.37 0.00 | 27.10 0.34 0.00 | 25.69 0.40 0.00 | 27.54 0.45 0.00 | 38.44 0.42 0.00 | 38.49 0.70 0.00 | 29.32 0.82 0.00 | 25.45 0.70 0.00 | 25.80 0.84 0.00 | 29.47 0.89 -0.03 | 28.14 0.95 -0.16 | 26.48 0.81 -0.04 | 25.82 0.89 0.00 | 27.18 0.83 0.00 | 27.66 0.78 0.00 | 27.72 0.75 0.00 | 30.67 0.71 0.00 | 35.22 0.72 0.00 | 33.76 0.65 0.00 | 35.61 0.58 -0.36 | 34.30 0.58 -0.39 | 30.75 0.42 -0.31 |
| CE_NYC2_DRP 24202 | 25.05 0.57 0.00 | 28.39 0.43 0.00 | 26.88 0.56 0.00 | 27.26 0.50 0.00 | 25.88 0.59 0.00 | 27.72 0.62 0.00 | 38.68 0.66 0.00 | 38.82 1.03 0.00 | 29.66 1.15 0.00 | 25.75 1.00 0.00 | 26.12 1.16 0.00 | 29.77 1.19 -0.03 | 28.49 1.30 -0.16 | 26.80 1.12 -0.04 | 26.17 1.24 0.00 | 27.51 1.16 0.00 | 28.01 1.12 0.00 | 28.00 1.04 0.00 | 30.93 0.96 0.00 | 35.49 0.98 0.00 | 33.98 0.86 0.00 | 35.87 0.82 -0.37 | 34.52 0.79 -0.40 | 30.92 0.59 -0.32 |
| CE_NYC_DRP 24195 | 25.05 0.57 0.00 | 28.46 0.50 0.00 | 26.87 0.55 0.00 | 27.28 0.52 0.00 | 25.87 0.58 0.00 | 27.75 0.66 0.00 | 38.73 0.71 0.00 | 38.84 1.05 0.00 | 29.64 1.13 0.00 | 25.71 0.96 0.00 | 26.07 1.11 0.00 | 29.79 1.20 -0.03 | 28.45 1.26 -0.16 | 26.78 1.11 -0.04 | 26.12 1.19 0.00 | 27.49 1.14 0.00 | 27.99 1.10 0.00 | 28.00 1.04 0.00 | 30.95 0.98 0.00 | 35.50 0.99 0.00 | 34.00 0.89 0.00 | 35.86 0.81 -0.37 | 34.52 0.78 -0.40 | 30.91 0.58 -0.32 |
| CHAFFEE___LFGE 323603 | 24.40 -0.08 0.00 | 28.17 0.20 0.00 | 26.30 -0.01 0.00 | 26.71 -0.05 0.00 | 24.98 -0.31 0.00 | 27.04 -0.05 0.00 | 38.18 0.16 0.00 | 37.51 -0.28 0.00 | 28.68 0.17 0.00 | 25.02 0.27 0.00 | 25.31 0.34 0.00 | 29.27 0.71 0.00 | 27.49 0.46 0.00 | 26.45 0.82 0.00 | 25.62 0.69 0.00 | 27.29 0.94 0.00 | 27.80 0.91 0.00 | 27.30 0.33 0.00 | 30.18 0.21 0.00 | 34.88 0.38 0.00 | 33.59 0.47 0.00 | 35.42 0.75 0.00 | 34.21 0.87 0.00 | 30.83 0.81 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 25.10 0.62 0.00 | 28.75 0.79 0.00 | 27.04 0.72 0.00 | 27.51 0.74 0.00 | 25.87 0.58 0.00 | 27.70 0.60 0.00 | 39.07 1.05 0.00 | 38.82 1.02 0.00 | 29.11 0.61 0.00 | 25.22 0.47 0.00 | 25.40 0.44 0.00 | 29.18 0.62 0.00 | 27.63 0.59 0.00 | 26.19 0.56 0.00 | 25.45 0.52 0.00 | 26.95 0.60 0.00 | 27.57 0.68 0.00 | 27.65 0.69 0.00 | 30.72 0.75 0.00 | 35.37 0.87 0.00 | 33.97 0.85 0.00 | 35.65 0.98 0.00 | 34.27 0.93 0.00 | 30.95 0.94 0.00 |
| CHATEAUG_WT_PWR 323614 | 25.08 0.60 0.00 | 28.72 0.75 0.00 | 27.01 0.68 0.00 | 27.48 0.71 0.00 | 25.86 0.57 0.00 | 27.70 0.61 0.00 | 39.06 1.04 0.00 | 38.81 1.02 0.00 | 29.18 0.67 0.00 | 25.28 0.53 0.00 | 25.45 0.48 0.00 | 29.18 0.63 0.00 | 27.64 0.60 0.00 | 26.21 0.58 0.00 | 25.47 0.54 0.00 | 26.95 0.60 0.00 | 27.57 0.69 0.00 | 27.66 0.70 0.00 | 30.74 0.77 0.00 | 35.33 0.82 0.00 | 33.88 0.77 0.00 | 35.56 0.88 0.00 | 34.18 0.85 0.00 | 30.87 0.86 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 25.10 0.62 0.00 | 28.75 0.79 0.00 | 27.04 0.72 0.00 | 27.51 0.74 0.00 | 25.87 0.58 0.00 | 27.70 0.60 0.00 | 39.07 1.05 0.00 | 38.82 1.02 0.00 | 29.11 0.61 0.00 | 25.22 0.47 0.00 | 25.40 0.44 0.00 | 29.18 0.62 0.00 | 27.63 0.59 0.00 | 26.19 0.56 0.00 | 25.45 0.52 0.00 | 26.95 0.60 0.00 | 27.57 0.68 0.00 | 27.65 0.69 0.00 | 30.72 0.75 0.00 | 35.37 0.87 0.00 | 33.97 0.85 0.00 | 35.65 0.98 0.00 | 34.27 0.93 0.00 | 30.95 0.94 0.00 |
| CHAUTAUQUA___LFGE 323629 | 24.62 0.14 0.00 | 28.38 0.42 0.00 | 26.51 0.19 0.00 | 26.93 0.16 0.00 | 25.16 -0.13 0.00 | 27.23 0.14 0.00 | 38.57 0.55 0.00 | 37.93 0.13 0.00 | 29.01 0.50 0.00 | 25.29 0.55 0.00 | 25.54 0.58 0.00 | 29.53 0.97 0.00 | 27.71 0.68 0.00 | 26.66 1.03 0.00 | 25.77 0.84 0.00 | 27.46 1.11 0.00 | 27.98 1.10 0.00 | 27.55 0.59 0.00 | 30.46 0.49 0.00 | 35.26 0.76 0.00 | 33.90 0.78 0.00 | 35.69 1.01 0.00 | 34.52 1.18 0.00 | 31.02 1.01 0.00 |
| CHERRYST_13_KV_LD 356241 | 25.11 0.63 0.00 | 28.54 0.58 0.00 | 26.94 0.62 0.00 | 27.35 0.58 0.00 | 25.93 0.64 0.00 | 27.82 0.73 0.00 | 38.84 0.82 0.00 | 38.97 1.17 0.00 | 29.74 1.24 0.00 | 25.81 1.06 0.00 | 26.17 1.21 0.00 | 29.90 1.31 -0.03 | 28.56 1.37 -0.16 | 26.88 1.21 -0.04 | 26.22 1.29 0.00 | 27.60 1.25 0.00 | 28.09 1.21 0.00 | 28.11 1.15 0.00 | 31.05 1.09 0.00 | 35.61 1.11 0.00 | 34.10 0.99 0.00 | 35.96 0.91 -0.37 | 34.61 0.88 -0.40 | 30.99 0.66 -0.32 |

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| CHESTROR_138KV_BK263 355645 | 24.73 0.25 0.00 | 28.17 0.21 0.00 | 26.53 0.21 0.00 | 26.95 0.19 0.00 | 25.52 0.23 0.00 | 27.37 0.28 0.00 | 38.23 0.21 0.00 | 38.23 0.44 0.00 | 29.08 0.58 0.00 | 25.25 0.50 0.00 | 25.56 0.60 0.00 | 29.20 0.62 -0.02 | 27.86 0.70 -0.12 | 26.24 0.58 -0.03 | 25.57 0.64 0.00 | 26.95 0.60 0.00 | 27.43 0.55 0.00 | 27.50 0.54 0.00 | 30.48 0.51 0.00 | 35.05 0.55 0.00 | 33.62 0.50 0.00 | 35.39 0.43 -0.28 | 34.07 0.43 -0.30 | 30.57 0.32 -0.24 |
| CH_MIDHUDSON___DRP 24192 | 24.88 0.40 0.00 | 28.30 0.34 0.00 | 26.69 0.37 0.00 | 27.13 0.36 0.00 | 25.70 0.41 0.00 | 27.53 0.44 0.00 | 38.43 0.41 0.00 | 38.48 0.68 0.00 | 29.27 0.76 0.00 | 25.39 0.64 0.00 | 25.70 0.74 0.00 | 29.35 0.77 -0.02 | 27.98 0.83 -0.12 | 26.37 0.71 -0.03 | 25.72 0.80 0.00 | 27.11 0.76 0.00 | 27.61 0.73 0.00 | 27.70 0.73 0.00 | 30.71 0.74 0.00 | 35.24 0.74 0.00 | 33.77 0.66 0.00 | 35.53 0.59 -0.27 | 34.18 0.55 -0.29 | 30.64 0.40 -0.23 |
| CH_MISC_IPPS 23765 | 25.01 0.53 0.00 | 28.45 0.49 0.00 | 26.82 0.50 0.00 | 27.25 0.49 0.00 | 25.81 0.53 0.00 | 27.67 0.58 0.00 | 38.66 0.64 0.00 | 38.71 0.91 0.00 | 29.46 0.95 0.00 | 25.55 0.80 0.00 | 25.86 0.89 0.00 | 29.54 0.96 -0.02 | 28.18 1.02 -0.12 | 26.56 0.89 -0.03 | 25.90 0.97 0.00 | 27.29 0.94 0.00 | 27.81 0.92 0.00 | 27.89 0.93 0.00 | 30.92 0.95 0.00 | 35.52 1.01 0.00 | 34.03 0.92 0.00 | 35.82 0.85 -0.29 | 34.45 0.81 -0.31 | 30.88 0.62 -0.25 |
| CH_RES_BVR_FALLS 23983 | 24.60 0.12 0.00 | 28.11 0.15 0.00 | 26.47 0.15 0.00 | 26.92 0.16 0.00 | 25.41 0.12 0.00 | 27.21 0.12 0.00 | 38.23 0.21 0.00 | 38.00 0.20 0.00 | 28.61 0.10 0.00 | 24.84 0.09 0.00 | 25.04 0.08 0.00 | 28.68 0.13 0.00 | 27.15 0.11 0.00 | 25.73 0.10 0.00 | 24.99 0.06 0.00 | 26.44 0.09 0.00 | 26.98 0.10 0.00 | 27.05 0.09 0.00 | 30.06 0.09 0.00 | 34.59 0.09 0.00 | 33.16 0.04 0.00 | 34.75 0.07 0.00 | 33.46 0.12 0.00 | 30.19 0.17 0.00 |
| CH_RES_NIAGARA 23895 | 23.84 -0.63 0.00 | 27.60 -0.36 0.00 | 25.79 -0.53 0.00 | 26.22 -0.54 0.00 | 24.47 -0.82 0.00 | 26.44 -0.65 0.00 | 37.24 -0.78 0.00 | 36.47 -1.33 0.00 | 27.86 -0.65 0.00 | 24.33 -0.42 0.00 | 24.65 -0.31 0.00 | 28.51 -0.05 0.00 | 26.76 -0.27 0.00 | 25.80 0.17 0.00 | 25.02 0.10 0.00 | 26.61 0.26 0.00 | 27.10 0.21 0.00 | 26.46 -0.50 0.00 | 29.08 -0.88 0.00 | 33.57 -0.94 0.00 | 32.37 -0.75 0.00 | 34.29 -0.39 0.00 | 33.19 -0.15 0.00 | 30.17 0.16 0.00 |
| CH_RES_SYRACUSE 23985 | 24.31 -0.17 0.00 | 27.79 -0.17 0.00 | 26.12 -0.20 0.00 | 26.56 -0.21 0.00 | 25.09 -0.20 0.00 | 26.91 -0.18 0.00 | 37.91 -0.11 0.00 | 37.62 -0.18 0.00 | 28.34 -0.16 0.00 | 24.64 -0.11 0.00 | 24.83 -0.13 0.00 | 28.41 -0.15 0.00 | 26.83 -0.20 0.00 | 25.51 -0.13 0.00 | 24.79 -0.14 0.00 | 26.22 -0.13 0.00 | 26.75 -0.14 0.00 | 26.80 -0.17 0.00 | 29.83 -0.13 0.00 | 34.43 -0.08 0.00 | 33.06 -0.05 0.00 | 34.60 -0.08 0.00 | 33.25 -0.08 0.00 | 29.86 -0.15 0.00 |
| CLINTON_WT_PWR 323605 | 25.08 0.60 0.00 | 28.72 0.75 0.00 | 27.01 0.68 0.00 | 27.48 0.71 0.00 | 25.86 0.57 0.00 | 27.70 0.61 0.00 | 39.06 1.04 0.00 | 38.81 1.02 0.00 | 29.18 0.67 0.00 | 25.28 0.53 0.00 | 25.45 0.48 0.00 | 29.18 0.63 0.00 | 27.64 0.60 0.00 | 26.21 0.58 0.00 | 25.47 0.54 0.00 | 26.95 0.60 0.00 | 27.57 0.69 0.00 | 27.66 0.70 0.00 | 30.74 0.77 0.00 | 35.33 0.82 0.00 | 33.88 0.77 0.00 | 35.56 0.88 0.00 | 34.18 0.85 0.00 | 30.87 0.86 0.00 |
| CLINTON___LFGE 323618 | 25.68 1.20 0.00 | 29.35 1.39 0.00 | 27.59 1.27 0.00 | 28.08 1.31 0.00 | 26.45 1.16 0.00 | 28.35 1.26 0.00 | 39.93 1.91 0.00 | 39.61 1.81 0.00 | 29.72 1.21 0.00 | 25.71 0.96 0.00 | 25.76 0.80 0.00 | 29.44 0.89 0.00 | 27.89 0.85 0.00 | 26.45 0.82 0.00 | 25.73 0.80 0.00 | 27.21 0.86 0.00 | 27.88 0.99 0.00 | 28.02 1.06 0.00 | 31.17 1.21 0.00 | 35.88 1.37 0.00 | 34.42 1.31 0.00 | 36.11 1.43 0.00 | 34.68 1.34 0.00 | 31.32 1.31 0.00 |
| COBBLENY_34_KV_TB1 80064 | 24.40 -0.08 0.00 | 28.17 0.20 0.00 | 26.30 -0.01 0.00 | 26.72 -0.05 0.00 | 24.99 -0.31 0.00 | 27.03 -0.05 0.00 | 38.18 0.16 0.00 | 37.51 -0.28 0.00 | 28.68 0.17 0.00 | 25.02 0.27 0.00 | 25.31 0.34 0.00 | 29.27 0.71 0.00 | 27.49 0.46 0.00 | 26.47 0.84 0.00 | 25.65 0.72 0.00 | 27.29 0.94 0.00 | 27.79 0.91 0.00 | 27.33 0.36 0.00 | 30.16 0.19 0.00 | 34.87 0.37 0.00 | 33.59 0.47 0.00 | 35.42 0.75 0.00 | 34.21 0.87 0.00 | 30.82 0.81 0.00 |
| COFFEEN___115KV_TB3 355620 | 25.77 1.29 0.00 | 29.54 1.58 0.00 | 27.77 1.45 0.00 | 28.25 1.49 0.00 | 26.71 1.42 0.00 | 28.81 1.72 0.00 | 40.75 2.73 0.00 | 40.44 2.65 0.00 | 30.21 1.70 0.00 | 25.98 1.23 0.00 | 25.84 0.88 0.00 | 29.25 0.70 0.00 | 27.50 0.46 0.00 | 25.96 0.33 0.00 | 25.06 0.13 0.00 | 26.38 0.04 0.00 | 26.94 0.06 0.00 | 27.28 0.32 0.00 | 30.89 0.93 0.00 | 36.07 1.56 0.00 | 35.02 1.91 0.00 | 37.05 2.37 0.00 | 35.74 2.40 0.00 | 32.18 2.17 0.00 |
| COLDSPRG_115KV_BK1 355956 | 25.00 0.52 0.00 | 28.79 0.83 0.00 | 26.89 0.58 0.00 | 27.29 0.53 0.00 | 25.52 0.23 0.00 | 27.67 0.58 0.00 | 39.58 1.56 0.00 | 39.11 1.32 0.00 | 29.91 1.41 0.00 | 26.10 1.34 0.00 | 26.27 1.31 0.00 | 30.33 1.77 0.00 | 28.54 1.50 0.00 | 27.45 1.81 0.00 | 26.52 1.59 0.00 | 28.20 1.85 0.00 | 28.67 1.78 0.00 | 28.11 1.15 0.00 | 30.91 0.94 0.00 | 35.77 1.26 0.00 | 34.40 1.29 0.00 | 36.18 1.50 0.00 | 34.99 1.65 0.00 | 31.39 1.37 0.00 |
| COLONIE_LFGE___ 323577 | 24.96 0.48 0.00 | 28.41 0.44 0.00 | 26.75 0.44 0.00 | 27.24 0.48 0.00 | 25.80 0.51 0.00 | 27.63 0.54 0.00 | 38.54 0.52 0.00 | 38.38 0.58 0.00 | 29.02 0.51 0.00 | 25.12 0.37 0.00 | 25.27 0.31 0.00 | 28.83 0.30 0.03 | 27.21 0.35 0.17 | 25.89 0.30 0.04 | 25.27 0.34 0.00 | 26.63 0.28 0.00 | 27.16 0.28 0.00 | 27.43 0.47 0.00 | 30.54 0.57 0.00 | 35.03 0.53 0.00 | 33.59 0.47 0.00 | 34.80 0.51 0.38 | 33.35 0.42 0.41 | 30.07 0.39 0.33 |
| COOPERNY_115KV_TB1 80082 | 24.66 0.17 0.00 | 28.11 0.14 0.00 | 26.46 0.14 0.00 | 26.88 0.12 0.00 | 25.44 0.15 0.00 | 27.29 0.20 0.00 | 38.14 0.12 0.00 | 38.07 0.28 0.00 | 28.93 0.42 0.00 | 25.12 0.37 0.00 | 25.42 0.46 0.00 | 29.07 0.50 -0.02 | 27.67 0.56 -0.08 | 26.13 0.47 -0.02 | 25.46 0.53 0.00 | 26.84 0.49 0.00 | 27.33 0.45 0.00 | 27.41 0.45 0.00 | 30.39 0.43 0.00 | 34.97 0.47 0.00 | 33.54 0.42 0.00 | 35.21 0.35 -0.18 | 33.90 0.37 -0.20 | 30.43 0.26 -0.16 |
| COPENHAGEN_WT_PWR 323753 | 25.41 0.94 0.00 | 29.15 1.18 0.00 | 27.40 1.08 0.00 | 27.92 1.15 0.00 | 26.39 1.10 0.00 | 28.46 1.37 0.00 | 40.21 2.20 0.00 | 39.92 2.13 0.00 | 29.83 1.32 0.00 | 25.71 0.96 0.00 | 25.61 0.65 0.00 | 29.04 0.49 0.00 | 27.36 0.32 0.00 | 25.83 0.20 0.00 | 24.93 0.00 0.00 | 26.29 -0.07 0.00 | 26.81 -0.07 0.00 | 27.12 0.16 0.00 | 30.60 0.63 0.00 | 35.53 1.03 0.00 | 34.39 1.27 0.00 | 36.30 1.62 0.00 | 35.11 1.77 0.00 | 31.71 1.70 0.00 |
| CORNELL_____ 23752 | 24.74 0.27 0.00 | 28.30 0.34 0.00 | 26.59 0.27 0.00 | 27.03 0.27 0.00 | 25.52 0.23 0.00 | 27.42 0.33 0.00 | 38.67 0.65 0.00 | 38.39 0.59 0.00 | 28.91 0.41 0.00 | 25.11 0.36 0.00 | 25.32 0.35 0.00 | 28.92 0.37 0.00 | 27.30 0.26 0.00 | 25.92 0.29 0.00 | 25.10 0.17 0.00 | 26.59 0.25 0.00 | 27.19 0.31 0.00 | 27.26 0.29 0.00 | 30.35 0.38 0.00 | 35.14 0.64 0.00 | 33.80 0.68 0.00 | 35.35 0.67 0.00 | 33.95 0.61 0.00 | 30.39 0.38 0.00 |

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| CORONA__69_KV_TB1 355595 | 25.12 0.64 0.00 | 28.54 0.58 0.00 | 26.89 0.57 0.00 | 27.28 0.51 0.00 | 25.86 0.57 0.00 | 27.76 0.67 0.00 | 38.71 0.69 0.00 | 38.77 0.97 0.00 | 29.56 1.06 0.00 | 25.73 0.97 0.00 | 26.22 1.26 0.00 | 30.00 1.41 -0.03 | 28.48 1.29 -0.16 | 26.71 1.04 -0.04 | 26.08 1.15 0.00 | 27.33 0.98 0.00 | 27.82 0.94 0.00 | 27.43 0.89 0.42 | 30.84 0.88 0.00 | 35.40 0.89 0.00 | 32.91 0.78 0.98 | 35.87 0.83 -0.37 | 34.61 0.88 -0.40 | 31.05 0.72 -0.32 |
| CORTLAND__115KV_TB3 80093 | 24.57 0.09 0.00 | 28.08 0.11 0.00 | 26.39 0.07 0.00 | 26.82 0.06 0.00 | 25.33 0.04 0.00 | 27.20 0.12 0.00 | 38.31 0.29 0.00 | 38.05 0.26 0.00 | 28.72 0.22 0.00 | 24.95 0.20 0.00 | 25.14 0.18 0.00 | 28.74 0.19 0.00 | 27.14 0.10 0.00 | 25.77 0.14 0.00 | 25.01 0.08 0.00 | 26.46 0.11 0.00 | 27.04 0.15 0.00 | 27.08 0.12 0.00 | 30.13 0.16 0.00 | 34.87 0.37 0.00 | 33.50 0.38 0.00 | 35.03 0.35 0.00 | 33.66 0.32 0.00 | 30.18 0.16 0.00 |
| COXSACKIE__GT 23611 | 25.34 0.86 0.00 | 28.86 0.90 0.00 | 27.18 0.86 0.00 | 27.67 0.90 0.00 | 26.18 0.89 0.00 | 28.08 0.99 0.00 | 39.24 1.23 0.00 | 39.22 1.42 0.00 | 29.58 1.08 0.00 | 25.44 0.69 0.00 | 25.39 0.43 0.00 | 28.80 0.25 0.01 | 27.31 0.33 0.04 | 25.87 0.25 0.01 | 25.24 0.31 0.00 | 26.62 0.27 0.00 | 27.21 0.33 0.00 | 27.55 0.59 0.00 | 31.05 1.08 0.00 | 35.90 1.40 0.00 | 34.60 1.49 0.00 | 36.08 1.50 0.10 | 34.51 1.28 0.11 | 31.01 1.09 0.09 |
| CPV_VALLEY__CC1 323721 | 24.60 0.12 0.00 | 28.02 0.06 0.00 | 26.39 0.07 0.00 | 26.81 0.05 0.00 | 25.38 0.09 0.00 | 27.22 0.13 0.00 | 38.01 -0.01 0.00 | 38.01 0.21 0.00 | 28.91 0.40 0.00 | 25.10 0.35 0.00 | 25.40 0.44 0.00 | 29.02 0.45 -0.02 | 27.67 0.53 -0.10 | 26.09 0.43 -0.02 | 25.42 0.49 0.00 | 26.79 0.44 0.00 | 27.28 0.39 0.00 | 27.34 0.38 0.00 | 30.28 0.31 0.00 | 34.82 0.32 0.00 | 33.41 0.29 0.00 | 35.12 0.21 -0.24 | 33.82 0.22 -0.25 | 30.37 0.15 -0.21 |
| CPV_VALLEY__CC2 323722 | 24.60 0.12 0.00 | 28.02 0.06 0.00 | 26.39 0.07 0.00 | 26.81 0.05 0.00 | 25.38 0.09 0.00 | 27.22 0.13 0.00 | 38.01 -0.01 0.00 | 38.01 0.21 0.00 | 28.91 0.40 0.00 | 25.10 0.35 0.00 | 25.40 0.44 0.00 | 29.02 0.45 -0.02 | 27.67 0.53 -0.10 | 26.09 0.43 -0.02 | 25.42 0.49 0.00 | 26.79 0.44 0.00 | 27.28 0.39 0.00 | 27.34 0.38 0.00 | 30.28 0.31 0.00 | 34.82 0.32 0.00 | 33.41 0.29 0.00 | 35.12 0.21 -0.24 | 33.82 0.22 -0.25 | 30.37 0.15 -0.21 |
| CRESCENT__HYD 24018 | 24.96 0.48 0.00 | 28.41 0.44 0.00 | 26.75 0.44 0.00 | 27.24 0.48 0.00 | 25.80 0.51 0.00 | 27.63 0.54 0.00 | 38.54 0.52 0.00 | 38.38 0.58 0.00 | 29.02 0.51 0.00 | 25.12 0.37 0.00 | 25.27 0.31 0.00 | 28.83 0.30 0.03 | 27.21 0.35 0.17 | 25.89 0.30 0.04 | 25.27 0.34 0.00 | 26.63 0.28 0.00 | 27.16 0.28 0.00 | 27.43 0.47 0.00 | 30.54 0.57 0.00 | 35.03 0.53 0.00 | 33.59 0.47 0.00 | 34.80 0.51 0.38 | 33.35 0.42 0.41 | 30.07 0.39 0.33 |
| CRICKET__VALLEY_CC1 323756 | 24.59 0.11 0.00 | 27.93 -0.03 0.00 | 26.36 0.04 0.00 | 26.84 0.07 0.00 | 25.44 0.15 0.00 | 27.18 0.09 0.00 | 37.92 -0.11 0.00 | 37.95 0.15 0.00 | 28.85 0.34 0.00 | 25.01 0.26 0.00 | 25.35 0.39 0.00 | 28.52 0.33 0.37 | 25.58 0.41 1.86 | 25.53 0.33 0.43 | 25.35 0.42 0.00 | 26.69 0.35 0.00 | 27.18 0.30 0.00 | 27.29 0.33 0.00 | 30.23 0.26 0.00 | 34.67 0.17 0.00 | 33.21 0.10 0.00 | 30.45 0.00 4.24 | 28.77 -0.01 4.56 | 26.27 -0.08 3.66 |
| CRICKET__VALLEY_CC2 323757 | 24.59 0.11 0.00 | 27.93 -0.03 0.00 | 26.36 0.04 0.00 | 26.84 0.07 0.00 | 25.44 0.15 0.00 | 27.18 0.09 0.00 | 37.92 -0.11 0.00 | 37.95 0.15 0.00 | 28.85 0.34 0.00 | 25.01 0.26 0.00 | 25.35 0.39 0.00 | 28.52 0.33 0.37 | 25.58 0.41 1.86 | 25.53 0.33 0.43 | 25.35 0.42 0.00 | 26.69 0.35 0.00 | 27.18 0.30 0.00 | 27.29 0.33 0.00 | 30.23 0.26 0.00 | 34.67 0.17 0.00 | 33.21 0.10 0.00 | 30.45 0.00 4.24 | 28.77 -0.01 4.56 | 26.27 -0.08 3.66 |
| CRICKET__VALLEY_CC3 323758 | 24.59 0.11 0.00 | 27.93 -0.03 0.00 | 26.36 0.04 0.00 | 26.84 0.07 0.00 | 25.44 0.15 0.00 | 27.18 0.09 0.00 | 37.92 -0.11 0.00 | 37.95 0.15 0.00 | 28.85 0.34 0.00 | 25.01 0.26 0.00 | 25.35 0.39 0.00 | 28.52 0.33 0.37 | 25.58 0.41 1.86 | 25.53 0.33 0.43 | 25.35 0.42 0.00 | 26.69 0.35 0.00 | 27.18 0.30 0.00 | 27.29 0.33 0.00 | 30.23 0.26 0.00 | 34.67 0.17 0.00 | 33.21 0.10 0.00 | 30.45 0.00 4.24 | 28.77 -0.01 4.56 | 26.27 -0.08 3.66 |
| CRUCIBLE_METL_DRP 24180 | 24.31 -0.17 0.00 | 27.79 -0.17 0.00 | 26.12 -0.20 0.00 | 26.56 -0.20 0.00 | 25.09 -0.20 0.00 | 26.91 -0.18 0.00 | 37.91 -0.11 0.00 | 37.62 -0.18 0.00 | 28.34 -0.17 0.00 | 24.64 -0.11 0.00 | 24.83 -0.13 0.00 | 28.41 -0.15 0.00 | 26.84 -0.20 0.00 | 25.51 -0.12 0.00 | 24.79 -0.14 0.00 | 26.22 -0.13 0.00 | 26.75 -0.14 0.00 | 26.80 -0.16 0.00 | 29.83 -0.13 0.00 | 34.43 -0.08 0.00 | 33.06 -0.05 0.00 | 34.60 -0.08 0.00 | 33.25 -0.08 0.00 | 29.86 -0.15 0.00 |
| DAHOWA__HYDRO 323763 | 25.35 0.87 0.00 | 28.83 0.87 0.00 | 27.12 0.79 0.00 | 27.61 0.85 0.00 | 26.17 0.88 0.00 | 28.07 0.98 0.00 | 39.28 1.26 0.00 | 39.05 1.25 0.00 | 29.44 0.93 0.00 | 25.35 0.60 0.00 | 25.47 0.51 0.00 | 29.07 0.54 0.03 | 27.43 0.54 0.14 | 26.00 0.40 0.03 | 25.36 0.43 0.00 | 26.75 0.40 0.00 | 27.40 0.51 0.00 | 27.81 0.85 0.00 | 31.22 1.26 0.00 | 35.88 1.37 0.00 | 34.38 1.26 0.00 | 35.68 1.31 0.31 | 34.15 1.15 0.33 | 30.77 1.03 0.27 |
| DANC__LFGE 323619 | 24.91 0.43 0.00 | 28.53 0.57 0.00 | 26.82 0.50 0.00 | 27.30 0.54 0.00 | 25.80 0.51 0.00 | 27.77 0.68 0.00 | 39.19 1.18 0.00 | 38.90 1.11 0.00 | 29.14 0.63 0.00 | 25.19 0.44 0.00 | 25.19 0.23 0.00 | 28.65 0.09 0.00 | 27.01 -0.03 0.00 | 25.56 -0.08 0.00 | 24.73 -0.19 0.00 | 26.09 -0.26 0.00 | 26.59 -0.29 0.00 | 26.82 -0.14 0.00 | 30.13 0.16 0.00 | 34.92 0.42 0.00 | 33.71 0.59 0.00 | 35.51 0.84 0.00 | 34.27 0.93 0.00 | 30.89 0.88 0.00 |
| DANSKAMMER__1 23586 | 25.01 0.53 0.00 | 28.45 0.49 0.00 | 26.82 0.50 0.00 | 27.25 0.49 0.00 | 25.81 0.53 0.00 | 27.67 0.58 0.00 | 38.66 0.64 0.00 | 38.71 0.91 0.00 | 29.46 0.95 0.00 | 25.55 0.80 0.00 | 25.86 0.89 0.00 | 29.54 0.96 -0.02 | 28.18 1.02 -0.12 | 26.56 0.89 -0.03 | 25.90 0.97 0.00 | 27.29 0.94 0.00 | 27.81 0.92 0.00 | 27.89 0.93 0.00 | 30.92 0.95 0.00 | 35.52 1.01 0.00 | 34.03 0.92 0.00 | 35.82 0.85 -0.29 | 34.45 0.81 -0.31 | 30.88 0.62 -0.25 |
| DANSKAMMER__2 23589 | 25.01 0.53 0.00 | 28.45 0.49 0.00 | 26.82 0.50 0.00 | 27.25 0.49 0.00 | 25.81 0.53 0.00 | 27.67 0.58 0.00 | 38.66 0.64 0.00 | 38.71 0.91 0.00 | 29.46 0.95 0.00 | 25.55 0.80 0.00 | 25.86 0.89 0.00 | 29.54 0.96 -0.02 | 28.18 1.02 -0.12 | 26.56 0.89 -0.03 | 25.90 0.97 0.00 | 27.29 0.94 0.00 | 27.81 0.92 0.00 | 27.89 0.93 0.00 | 30.92 0.95 0.00 | 35.52 1.01 0.00 | 34.03 0.92 0.00 | 35.82 0.85 -0.29 | 34.45 0.81 -0.31 | 30.88 0.62 -0.25 |
| DANSKAMMER__3 23590 | 25.01 0.53 0.00 | 28.45 0.49 0.00 | 26.82 0.50 0.00 | 27.25 0.49 0.00 | 25.81 0.53 0.00 | 27.67 0.58 0.00 | 38.66 0.64 0.00 | 38.71 0.91 0.00 | 29.46 0.95 0.00 | 25.55 0.80 0.00 | 25.86 0.89 0.00 | 29.54 0.96 -0.02 | 28.18 1.02 -0.12 | 26.56 0.89 -0.03 | 25.90 0.97 0.00 | 27.29 0.94 0.00 | 27.81 0.92 0.00 | 27.89 0.93 0.00 | 30.92 0.95 0.00 | 35.52 1.01 0.00 | 34.03 0.92 0.00 | 35.82 0.85 -0.29 | 34.45 0.81 -0.31 | 30.88 0.62 -0.25 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| DANSKAMMER___4 23591 | 25.01 0.53 0.00 | 28.45 0.49 0.00 | 26.82 0.50 0.00 | 27.25 0.49 0.00 | 25.81 0.53 0.00 | 27.67 0.58 0.00 | 38.66 0.64 0.00 | 38.71 0.91 0.00 | 29.46 0.95 0.00 | 25.55 0.80 0.00 | 25.86 0.89 0.00 | 29.54 0.96 -0.02 | 28.18 1.02 -0.12 | 26.56 0.89 -0.03 | 25.90 0.97 0.00 | 27.29 0.94 0.00 | 27.81 0.92 0.00 | 27.89 0.93 0.00 | 30.92 0.95 0.00 | 35.52 1.01 0.00 | 34.03 0.92 0.00 | 35.82 0.85 -0.29 | 34.45 0.81 -0.31 | 30.88 0.62 -0.25 |
| DANSKAMMER___DIESEL 23592 | 25.01 0.54 0.00 | 28.45 0.49 0.00 | 26.82 0.50 0.00 | 27.25 0.48 0.00 | 25.81 0.53 0.00 | 27.67 0.58 0.00 | 38.66 0.64 0.00 | 38.71 0.91 0.00 | 29.46 0.95 0.00 | 25.55 0.80 0.00 | 25.86 0.90 0.00 | 29.54 0.96 -0.02 | 28.18 1.02 -0.12 | 26.55 0.89 -0.03 | 25.89 0.96 0.00 | 27.29 0.95 0.00 | 27.81 0.92 0.00 | 27.88 0.92 0.00 | 30.92 0.95 0.00 | 35.51 1.01 0.00 | 34.04 0.92 0.00 | 35.82 0.85 -0.29 | 34.45 0.80 -0.31 | 30.88 0.62 -0.25 |
| DARBY___SOLAR 323810 | 25.24 0.76 0.00 | 28.71 0.75 0.00 | 27.01 0.69 0.00 | 27.50 0.74 0.00 | 26.06 0.77 0.00 | 27.94 0.85 0.00 | 39.07 1.05 0.00 | 38.85 1.06 0.00 | 29.30 0.79 0.00 | 25.25 0.49 0.00 | 25.38 0.42 0.00 | 28.93 0.40 0.03 | 27.31 0.42 0.14 | 25.90 0.30 0.03 | 25.27 0.34 0.00 | 26.65 0.30 0.00 | 27.29 0.40 0.00 | 27.67 0.71 0.00 | 31.03 1.07 0.00 | 35.66 1.16 0.00 | 34.18 1.07 0.00 | 35.47 1.11 0.32 | 33.96 0.96 0.35 | 30.60 0.87 0.28 |
| DASHVILLE___HYD 23610 | 24.70 0.22 0.00 | 28.13 0.16 0.00 | 26.51 0.19 0.00 | 26.94 0.18 0.00 | 25.51 0.22 0.00 | 27.34 0.25 0.00 | 38.16 0.14 0.00 | 38.20 0.40 0.00 | 29.05 0.55 0.00 | 25.22 0.46 0.00 | 25.51 0.54 0.00 | 29.13 0.56 -0.01 | 27.77 0.67 -0.07 | 26.16 0.51 -0.02 | 25.49 0.56 0.00 | 26.90 0.55 0.00 | 27.37 0.49 0.00 | 27.45 0.49 0.00 | 30.47 0.50 0.00 | 35.02 0.52 0.00 | 33.58 0.46 0.00 | 35.27 0.43 -0.16 | 33.95 0.44 -0.17 | 30.47 0.32 -0.14 |
| DELAWARE___LFGE 323621 | 24.74 0.26 0.00 | 28.30 0.33 0.00 | 26.63 0.31 0.00 | 27.08 0.31 0.00 | 25.61 0.32 0.00 | 27.48 0.39 0.00 | 38.49 0.47 0.00 | 38.35 0.56 0.00 | 29.11 0.61 0.00 | 25.29 0.54 0.00 | 25.52 0.56 0.00 | 29.15 0.59 -0.01 | 27.64 0.58 -0.03 | 26.19 0.55 -0.01 | 25.46 0.53 0.00 | 26.89 0.54 0.00 | 27.43 0.54 0.00 | 27.48 0.52 0.00 | 30.54 0.58 0.00 | 35.24 0.74 0.00 | 33.80 0.69 0.00 | 35.37 0.63 -0.07 | 34.00 0.59 -0.07 | 30.49 0.42 -0.06 |
| DERFIELD_115KV_TB7 355931 | 24.41 -0.07 0.00 | 27.88 -0.08 0.00 | 26.25 -0.07 0.00 | 26.71 -0.05 0.00 | 25.24 -0.05 0.00 | 27.04 -0.05 0.00 | 37.91 -0.11 0.00 | 37.71 -0.09 0.00 | 28.45 -0.06 0.00 | 24.69 -0.06 0.00 | 24.89 -0.07 0.00 | 28.44 -0.12 0.00 | 26.93 -0.11 0.00 | 25.53 -0.10 0.00 | 24.85 -0.08 0.00 | 26.25 -0.10 0.00 | 26.78 -0.11 0.00 | 26.88 -0.08 0.00 | 29.91 -0.06 0.00 | 34.43 -0.07 0.00 | 33.05 -0.06 0.00 | 34.58 -0.09 0.00 | 33.25 -0.09 0.00 | 29.92 -0.09 0.00 |
| DOGLEVILLE___HYD 23807 | 24.53 0.05 0.00 | 27.88 -0.08 0.00 | 26.28 -0.04 0.00 | 26.76 -0.01 0.00 | 25.42 0.13 0.00 | 27.27 0.18 0.00 | 38.03 0.01 0.00 | 37.86 0.07 0.00 | 28.68 0.18 0.00 | 24.62 -0.13 0.00 | 24.57 -0.39 0.00 | 27.92 -0.64 0.00 | 26.34 -0.69 0.00 | 25.00 -0.64 0.00 | 24.37 -0.56 0.00 | 25.62 -0.72 0.00 | 26.21 -0.68 0.00 | 26.60 -0.36 0.00 | 30.11 0.14 0.00 | 35.06 0.56 0.00 | 33.69 0.57 0.00 | 35.19 0.51 0.00 | 33.68 0.34 0.00 | 30.11 0.10 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 24.58 0.10 0.00 | 28.33 0.37 0.00 | 26.47 0.15 0.00 | 26.88 0.11 0.00 | 25.12 -0.17 0.00 | 27.20 0.11 0.00 | 38.48 0.46 0.00 | 37.83 0.03 0.00 | 28.93 0.42 0.00 | 25.22 0.47 0.00 | 25.47 0.51 0.00 | 29.45 0.90 0.00 | 27.64 0.60 0.00 | 26.62 0.98 0.00 | 25.73 0.80 0.00 | 27.38 1.03 0.00 | 27.91 1.02 0.00 | 27.51 0.55 0.00 | 30.38 0.42 0.00 | 35.19 0.69 0.00 | 33.84 0.72 0.00 | 35.62 0.94 0.00 | 34.46 1.12 0.00 | 30.97 0.96 0.00 |
| DUNKIRK___1 23563 | 24.58 0.10 0.00 | 28.33 0.37 0.00 | 26.47 0.15 0.00 | 26.88 0.11 0.00 | 25.12 -0.17 0.00 | 27.20 0.11 0.00 | 38.48 0.46 0.00 | 37.83 0.03 0.00 | 28.93 0.42 0.00 | 25.22 0.47 0.00 | 25.47 0.51 0.00 | 29.45 0.90 0.00 | 27.64 0.60 0.00 | 26.62 0.98 0.00 | 25.73 0.80 0.00 | 27.38 1.03 0.00 | 27.91 1.02 0.00 | 27.51 0.55 0.00 | 30.38 0.42 0.00 | 35.19 0.69 0.00 | 33.84 0.72 0.00 | 35.62 0.94 0.00 | 34.46 1.12 0.00 | 30.97 0.96 0.00 |
| DUNKIRK___2 23564 | 24.58 0.10 0.00 | 28.33 0.37 0.00 | 26.47 0.15 0.00 | 26.88 0.11 0.00 | 25.12 -0.17 0.00 | 27.20 0.11 0.00 | 38.48 0.46 0.00 | 37.83 0.03 0.00 | 28.93 0.42 0.00 | 25.22 0.47 0.00 | 25.47 0.51 0.00 | 29.45 0.90 0.00 | 27.64 0.60 0.00 | 26.62 0.98 0.00 | 25.73 0.80 0.00 | 27.38 1.03 0.00 | 27.91 1.02 0.00 | 27.51 0.55 0.00 | 30.38 0.42 0.00 | 35.19 0.69 0.00 | 33.84 0.72 0.00 | 35.62 0.94 0.00 | 34.46 1.12 0.00 | 30.97 0.96 0.00 |
| DUNKIRK___3 23565 | 24.47 -0.01 0.00 | 28.22 0.25 0.00 | 26.36 0.04 0.00 | 26.77 0.01 0.00 | 25.03 -0.26 0.00 | 27.10 0.01 0.00 | 38.31 0.29 0.00 | 37.66 -0.14 0.00 | 28.78 0.27 0.00 | 25.10 0.35 0.00 | 25.35 0.38 0.00 | 29.30 0.74 0.00 | 27.51 0.48 0.00 | 26.48 0.85 0.00 | 25.62 0.69 0.00 | 27.25 0.90 0.00 | 27.77 0.89 0.00 | 27.35 0.39 0.00 | 30.20 0.23 0.00 | 34.96 0.46 0.00 | 33.64 0.52 0.00 | 35.42 0.74 0.00 | 34.27 0.93 0.00 | 30.83 0.82 0.00 |
| DUNKIRK___4 23566 | 24.47 -0.01 0.00 | 28.22 0.25 0.00 | 26.36 0.04 0.00 | 26.77 0.01 0.00 | 25.03 -0.26 0.00 | 27.10 0.01 0.00 | 38.31 0.29 0.00 | 37.66 -0.14 0.00 | 28.78 0.27 0.00 | 25.10 0.35 0.00 | 25.35 0.38 0.00 | 29.30 0.74 0.00 | 27.51 0.48 0.00 | 26.48 0.85 0.00 | 25.62 0.69 0.00 | 27.25 0.90 0.00 | 27.77 0.89 0.00 | 27.35 0.39 0.00 | 30.20 0.23 0.00 | 34.96 0.46 0.00 | 33.64 0.52 0.00 | 35.42 0.74 0.00 | 34.27 0.93 0.00 | 30.83 0.82 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 24.98 0.51 0.00 | 28.39 0.43 0.00 | 26.78 0.46 0.00 | 27.20 0.43 0.00 | 25.79 0.49 0.00 | 27.64 0.56 0.00 | 38.58 0.56 0.00 | 38.65 0.85 0.00 | 29.45 0.95 0.00 | 25.56 0.81 0.00 | 25.93 0.97 0.00 | 29.62 1.03 -0.03 | 28.28 1.08 -0.16 | 26.60 0.93 -0.04 | 25.94 1.01 0.00 | 27.31 0.96 0.00 | 27.80 0.91 0.00 | 27.84 0.87 0.00 | 30.81 0.84 0.00 | 35.35 0.85 0.00 | 33.87 0.76 0.00 | 35.74 0.69 -0.37 | 34.42 0.68 -0.40 | 30.84 0.51 -0.32 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 24.85 0.37 0.00 | 28.29 0.33 0.00 | 26.64 0.33 0.00 | 27.06 0.30 0.00 | 25.64 0.35 0.00 | 27.49 0.40 0.00 | 38.41 0.39 0.00 | 38.43 0.63 0.00 | 29.24 0.74 0.00 | 25.38 0.63 0.00 | 25.68 0.72 0.00 | 29.34 0.76 -0.02 | 28.00 0.84 -0.11 | 26.37 0.71 -0.03 | 25.71 0.78 0.00 | 27.10 0.75 0.00 | 27.59 0.71 0.00 | 27.65 0.69 0.00 | 30.66 0.69 0.00 | 35.25 0.75 0.00 | 33.80 0.69 0.00 | 35.55 0.61 -0.27 | 34.24 0.61 -0.29 | 30.70 0.46 -0.23 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 24.99 0.51 0.00 | 28.32 0.36 0.00 | 26.88 0.56 0.00 | 27.23 0.46 0.00 | 25.86 0.57 0.00 | 27.66 0.57 0.00 | 38.65 0.63 0.00 | 38.79 1.00 0.00 | 29.62 1.12 0.00 | 25.67 0.92 0.00 | 26.03 1.07 0.00 | 29.70 1.11 -0.03 | 28.43 1.23 -0.16 | 26.69 1.02 -0.04 | 26.07 1.13 0.00 | 27.41 1.06 0.00 | 27.93 1.05 0.00 | 27.93 0.96 0.00 | 30.88 0.91 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.82 0.78 -0.37 | 34.48 0.75 -0.40 | 30.89 0.56 -0.32 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| E179THST_13_KV_LOAD 356214 | 25.10 0.62 0.00 | 28.45 0.49 0.00 | 26.99 0.67 0.00 | 27.34 0.58 0.00 | 25.96 0.67 0.00 | 27.77 0.69 0.00 | 38.83 0.81 0.00 | 38.98 1.18 0.00 | 29.77 1.26 0.00 | 25.80 1.05 0.00 | 26.16 1.20 0.00 | 29.84 1.26 -0.03 | 28.56 1.37 -0.16 | 26.83 1.16 -0.04 | 26.20 1.27 0.00 | 27.55 1.20 0.00 | 28.08 1.20 0.00 | 28.08 1.12 0.00 | 31.03 1.07 0.00 | 35.63 1.12 0.00 | 34.12 1.00 0.00 | 36.00 0.95 -0.37 | 34.65 0.92 -0.40 | 31.04 0.71 -0.32 |
| EAST HAMPTON___GT 23717 | 24.08 -0.40 0.00 | 27.30 -0.66 0.00 | 25.74 -0.58 0.00 | 26.07 -0.69 0.00 | 24.71 -0.58 0.00 | 26.56 -0.53 0.00 | 36.95 -1.07 0.00 | 37.16 -0.64 0.00 | 28.54 0.04 0.00 | 25.00 0.25 0.00 | 25.55 0.59 0.00 | 29.29 0.71 -0.03 | 27.59 0.40 -0.16 | 25.73 0.06 -0.04 | 25.26 0.33 0.00 | 26.54 0.19 0.00 | 27.06 0.18 0.00 | 24.12 0.05 2.89 | 29.94 -0.03 0.00 | 34.41 -0.09 0.00 | 26.11 -0.22 6.78 | 34.72 -0.32 -0.37 | 33.31 -0.43 -0.40 | 29.78 -0.55 -0.32 |
| EAST RIVER___6 23660 | 25.08 0.60 0.00 | 28.49 0.53 0.00 | 26.90 0.58 0.00 | 27.30 0.54 0.00 | 25.90 0.61 0.00 | 27.78 0.69 0.00 | 38.77 0.75 0.00 | 38.90 1.11 0.00 | 29.70 1.20 0.00 | 25.79 1.04 0.00 | 26.14 1.18 0.00 | 29.87 1.28 -0.03 | 28.54 1.34 -0.16 | 26.86 1.19 -0.04 | 26.20 1.27 0.00 | 27.57 1.22 0.00 | 28.07 1.18 0.00 | 28.09 1.13 0.00 | 31.02 1.06 0.00 | 35.59 1.08 0.00 | 34.07 0.96 0.00 | 35.94 0.89 -0.37 | 34.57 0.84 -0.40 | 30.96 0.63 -0.32 |
| EAST RIVER___7 23524 | 25.08 0.60 0.00 | 28.49 0.53 0.00 | 26.90 0.58 0.00 | 27.30 0.54 0.00 | 25.90 0.61 0.00 | 27.78 0.69 0.00 | 38.77 0.75 0.00 | 38.90 1.11 0.00 | 29.70 1.20 0.00 | 25.79 1.04 0.00 | 26.14 1.18 0.00 | 29.87 1.28 -0.03 | 28.54 1.34 -0.16 | 26.86 1.19 -0.04 | 26.20 1.27 0.00 | 27.57 1.22 0.00 | 28.07 1.18 0.00 | 28.09 1.13 0.00 | 31.02 1.06 0.00 | 35.59 1.08 0.00 | 34.07 0.96 0.00 | 35.94 0.89 -0.37 | 34.57 0.84 -0.40 | 30.96 0.63 -0.32 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 24.93 0.45 0.00 | 28.35 0.39 0.00 | 26.73 0.41 0.00 | 27.15 0.38 0.00 | 25.73 0.44 0.00 | 27.58 0.50 0.00 | 38.51 0.49 0.00 | 38.57 0.78 0.00 | 29.38 0.88 0.00 | 25.51 0.76 0.00 | 25.86 0.90 0.00 | 29.54 0.95 -0.03 | 28.20 1.01 -0.16 | 26.54 0.87 -0.04 | 25.88 0.95 0.00 | 27.24 0.89 0.00 | 27.73 0.84 0.00 | 27.77 0.81 0.00 | 30.73 0.76 0.00 | 35.28 0.78 0.00 | 33.81 0.69 0.00 | 35.67 0.63 -0.36 | 34.35 0.62 -0.39 | 30.79 0.46 -0.31 |
| EAST_HAMPTON___DIESEL 23722 | 24.00 -0.48 0.00 | 27.20 -0.76 0.00 | 25.65 -0.67 0.00 | 25.99 -0.78 0.00 | 24.62 -0.67 0.00 | 26.46 -0.63 0.00 | 36.83 -1.19 0.00 | 37.04 -0.76 0.00 | 28.45 -0.06 0.00 | 24.92 0.17 0.00 | 25.46 0.50 0.00 | 29.20 0.61 -0.03 | 27.50 0.30 -0.16 | 25.63 -0.04 -0.04 | 25.18 0.25 0.00 | 26.45 0.10 0.00 | 26.97 0.08 0.00 | 24.03 -0.05 2.89 | 29.83 -0.14 0.00 | 34.30 -0.21 0.00 | 25.99 -0.34 6.78 | 34.61 -0.43 -0.37 | 33.19 -0.54 -0.40 | 29.68 -0.65 -0.32 |
| EAST_POINT___SOLAR 323840 | 25.51 1.04 0.00 | 29.15 1.19 0.00 | 27.42 1.10 0.00 | 27.86 1.10 0.00 | 26.35 1.06 0.00 | 28.29 1.21 0.00 | 39.95 1.93 0.00 | 39.77 1.97 0.00 | 29.71 1.20 0.00 | 25.47 0.71 0.00 | 25.44 0.47 0.00 | 28.63 0.09 0.01 | 26.56 -0.40 0.08 | 25.14 -0.47 0.02 | 24.44 -0.49 0.00 | 25.90 -0.45 0.00 | 26.46 -0.43 0.00 | 26.70 -0.26 0.00 | 30.61 0.65 0.00 | 36.52 2.02 0.00 | 35.27 2.15 0.00 | 36.66 2.15 0.18 | 35.13 1.98 0.19 | 31.54 1.69 0.15 |
| EAST_PULASKI___ESR 323781 | 24.40 -0.08 0.00 | 27.89 -0.06 0.00 | 26.23 -0.09 0.00 | 26.68 -0.08 0.00 | 25.20 -0.09 0.00 | 27.07 -0.02 0.00 | 38.16 0.14 0.00 | 37.87 0.07 0.00 | 28.44 -0.07 0.00 | 24.66 -0.09 0.00 | 24.77 -0.19 0.00 | 28.24 -0.32 0.00 | 26.67 -0.37 0.00 | 25.27 -0.37 0.00 | 24.52 -0.41 0.00 | 25.89 -0.46 0.00 | 26.39 -0.49 0.00 | 26.55 -0.41 0.00 | 29.68 -0.29 0.00 | 34.33 -0.17 0.00 | 33.05 -0.07 0.00 | 34.72 0.04 0.00 | 33.42 0.08 0.00 | 30.06 0.04 0.00 |
| EAST_RIVER___1 323558 | 25.05 0.57 0.00 | 28.46 0.50 0.00 | 26.87 0.55 0.00 | 27.28 0.52 0.00 | 25.87 0.58 0.00 | 27.75 0.66 0.00 | 38.73 0.71 0.00 | 38.84 1.04 0.00 | 29.64 1.13 0.00 | 25.71 0.96 0.00 | 26.07 1.11 0.00 | 29.79 1.20 -0.03 | 28.46 1.26 -0.16 | 26.78 1.11 -0.04 | 26.13 1.20 0.00 | 27.49 1.14 0.00 | 27.99 1.10 0.00 | 28.01 1.05 0.00 | 30.95 0.98 0.00 | 35.50 0.99 0.00 | 34.00 0.88 0.00 | 35.85 0.81 -0.37 | 34.51 0.78 -0.40 | 30.91 0.58 -0.32 |
| EAST_RIVER___2 323559 | 25.08 0.60 0.00 | 28.49 0.53 0.00 | 26.90 0.58 0.00 | 27.30 0.54 0.00 | 25.90 0.61 0.00 | 27.78 0.69 0.00 | 38.77 0.75 0.00 | 38.90 1.11 0.00 | 29.70 1.20 0.00 | 25.79 1.04 0.00 | 26.14 1.18 0.00 | 29.87 1.28 -0.03 | 28.54 1.34 -0.16 | 26.86 1.19 -0.04 | 26.20 1.27 0.00 | 27.57 1.22 0.00 | 28.07 1.18 0.00 | 28.09 1.13 0.00 | 31.02 1.06 0.00 | 35.59 1.08 0.00 | 34.07 0.96 0.00 | 35.94 0.89 -0.37 | 34.57 0.84 -0.40 | 30.96 0.63 -0.32 |
| EAST___DELAWARE_HYD 23607 | 24.44 -0.04 0.00 | 27.82 -0.14 0.00 | 26.19 -0.13 0.00 | 26.59 -0.17 0.00 | 25.18 -0.11 0.00 | 27.01 -0.08 0.00 | 37.76 -0.26 0.00 | 37.78 -0.01 0.00 | 28.74 0.23 0.00 | 24.96 0.20 0.00 | 25.22 0.25 0.00 | 28.78 0.21 -0.02 | 27.39 0.26 -0.09 | 25.80 0.15 -0.02 | 25.16 0.23 0.00 | 26.44 0.09 0.00 | 26.34 -0.55 0.00 | 26.50 -0.47 0.00 | 29.47 -0.49 0.00 | 33.96 -0.54 0.00 | 32.55 -0.57 0.00 | 34.27 -0.61 -0.21 | 33.74 0.18 -0.22 | 30.22 0.03 -0.18 |
| EIGHT_POINT___WT_PWR 323820 | 24.70 0.22 0.00 | 28.40 0.44 0.00 | 26.60 0.28 0.00 | 27.02 0.25 0.00 | 25.38 0.09 0.00 | 27.45 0.36 0.00 | 38.82 0.80 0.00 | 38.29 0.49 0.00 | 29.12 0.61 0.00 | 25.32 0.57 0.00 | 25.51 0.55 0.00 | 29.43 0.88 0.00 | 27.58 0.54 0.00 | 26.42 0.79 0.00 | 25.48 0.55 0.00 | 27.17 0.82 0.00 | 27.76 0.88 0.00 | 27.51 0.55 0.00 | 30.57 0.60 0.00 | 35.40 0.89 0.00 | 34.08 0.96 0.00 | 35.77 1.09 0.00 | 34.45 1.11 0.00 | 30.87 0.86 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 24.20 -0.28 0.00 | 27.67 -0.29 0.00 | 26.02 -0.30 0.00 | 26.46 -0.30 0.00 | 24.97 -0.32 0.00 | 26.79 -0.30 0.00 | 37.75 -0.27 0.00 | 37.44 -0.36 0.00 | 28.21 -0.29 0.00 | 24.51 -0.24 0.00 | 24.71 -0.25 0.00 | 28.28 -0.27 0.00 | 26.73 -0.30 0.00 | 25.42 -0.22 0.00 | 24.70 -0.23 0.00 | 26.14 -0.21 0.00 | 26.63 -0.26 0.00 | 26.67 -0.29 0.00 | 29.69 -0.28 0.00 | 34.23 -0.28 0.00 | 32.90 -0.21 0.00 | 34.45 -0.23 0.00 | 33.12 -0.22 0.00 | 29.74 -0.28 0.00 |
| ELEC_TRO_TEK 24086 | 24.99 0.52 0.00 | 28.41 0.45 0.00 | 26.77 0.45 0.00 | 27.15 0.39 0.00 | 25.75 0.46 0.00 | 27.64 0.56 0.00 | 38.53 0.51 0.00 | 38.59 0.80 0.00 | 29.44 0.93 0.00 | 25.62 0.87 0.00 | 26.10 1.14 0.00 | 29.85 1.26 -0.03 | 28.34 1.15 -0.16 | 26.57 0.90 -0.04 | 25.96 1.03 0.00 | 27.20 0.85 0.00 | 27.69 0.80 0.00 | 26.93 0.73 0.76 | 30.67 0.71 0.00 | 35.20 0.70 0.00 | 31.93 0.59 1.78 | 35.67 0.62 -0.37 | 34.42 0.69 -0.40 | 30.90 0.57 -0.32 |
| ELLENBURG_WT_PWR 323604 | 25.08 0.60 0.00 | 28.72 0.75 0.00 | 27.01 0.68 0.00 | 27.48 0.71 0.00 | 25.86 0.57 0.00 | 27.70 0.61 0.00 | 39.06 1.04 0.00 | 38.81 1.02 0.00 | 29.18 0.67 0.00 | 25.28 0.53 0.00 | 25.45 0.48 0.00 | 29.18 0.63 0.00 | 27.64 0.60 0.00 | 26.21 0.58 0.00 | 25.47 0.54 0.00 | 26.95 0.60 0.00 | 27.57 0.69 0.00 | 27.66 0.70 0.00 | 30.74 0.77 0.00 | 35.33 0.82 0.00 | 33.88 0.77 0.00 | 35.56 0.88 0.00 | 34.18 0.85 0.00 | 30.87 0.86 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 24.30 -0.18 0.00 | 28.07 0.11 0.00 | 26.23 -0.08 0.00 | 26.66 -0.10 0.00 | 24.91 -0.38 0.00 | 26.95 -0.14 0.00 | 38.04 0.02 0.00 | 37.33 -0.46 0.00 | 28.52 0.02 0.00 | 24.89 0.14 0.00 | 25.17 0.21 0.00 | 29.12 0.56 0.00 | 27.33 0.29 0.00 | 26.32 0.68 0.00 | 25.51 0.58 0.00 | 27.14 0.79 0.00 | 27.64 0.76 0.00 | 27.16 0.20 0.00 | 29.95 -0.02 0.00 | 34.60 0.09 0.00 | 33.32 0.21 0.00 | 35.18 0.50 0.00 | 34.02 0.68 0.00 | 30.71 0.69 0.00 |
| EMPIRE_CC_1 323656 | 24.59 0.11 0.00 | 28.02 0.06 0.00 | 26.42 0.10 0.00 | 26.90 0.13 0.00 | 25.45 0.16 0.00 | 27.20 0.11 0.00 | 37.84 -0.18 0.00 | 37.68 -0.12 0.00 | 28.55 0.04 0.00 | 24.76 0.01 0.00 | 24.95 -0.01 0.00 | 28.42 -0.10 0.04 | 26.82 0.01 0.21 | 25.57 -0.02 0.05 | 24.97 0.04 0.00 | 26.29 -0.07 0.00 | 26.76 -0.12 0.00 | 26.95 -0.01 0.00 | 29.93 -0.04 0.00 | 34.27 -0.23 0.00 | 32.89 -0.22 0.00 | 33.96 -0.22 0.49 | 32.56 -0.25 0.53 | 29.38 -0.21 0.42 |
| EMPIRE_CC_2 323658 | 24.59 0.11 0.00 | 28.02 0.06 0.00 | 26.42 0.10 0.00 | 26.90 0.13 0.00 | 25.45 0.16 0.00 | 27.20 0.11 0.00 | 37.84 -0.18 0.00 | 37.68 -0.12 0.00 | 28.55 0.04 0.00 | 24.76 0.01 0.00 | 24.95 -0.01 0.00 | 28.42 -0.10 0.04 | 26.82 0.01 0.21 | 25.57 -0.02 0.05 | 24.97 0.04 0.00 | 26.29 -0.07 0.00 | 26.76 -0.12 0.00 | 26.95 -0.01 0.00 | 29.93 -0.04 0.00 | 34.27 -0.23 0.00 | 32.89 -0.22 0.00 | 33.96 -0.22 0.49 | 32.56 -0.25 0.53 | 29.38 -0.21 0.42 |
| ENORWICH_115KV_TB1 80156 | 25.39 0.91 0.00 | 29.18 1.22 0.00 | 27.43 1.11 0.00 | 27.99 1.23 0.00 | 26.47 1.18 0.00 | 28.51 1.42 0.00 | 40.30 2.28 0.00 | 40.13 2.33 0.00 | 31.42 2.92 0.00 | 27.26 2.51 0.00 | 27.39 2.43 0.00 | 30.92 2.36 -0.01 | 29.18 2.11 -0.04 | 27.65 2.01 -0.01 | 26.74 1.82 0.00 | 28.25 1.90 0.00 | 28.96 2.08 0.00 | 29.13 2.16 0.00 | 32.71 2.74 0.00 | 38.05 3.55 0.00 | 36.31 3.19 0.00 | 37.90 3.15 -0.08 | 36.31 2.89 -0.09 | 32.29 2.20 -0.07 |
| ERIE_ST__34_KV_TB1-2 80199 | 24.42 -0.07 0.00 | 28.17 0.21 0.00 | 26.31 -0.01 0.00 | 26.72 -0.04 0.00 | 24.99 -0.31 0.00 | 27.05 -0.04 0.00 | 38.22 0.20 0.00 | 37.58 -0.22 0.00 | 28.71 0.20 0.00 | 25.06 0.31 0.00 | 25.34 0.37 0.00 | 29.29 0.73 0.00 | 27.52 0.49 0.00 | 26.49 0.85 0.00 | 25.67 0.74 0.00 | 27.33 0.98 0.00 | 27.84 0.96 0.00 | 27.37 0.41 0.00 | 30.19 0.22 0.00 | 34.89 0.39 0.00 | 33.60 0.48 0.00 | 35.42 0.74 0.00 | 34.22 0.88 0.00 | 30.82 0.81 0.00 |
| ERIE_WT_PWR 323693 | 24.40 -0.08 0.00 | 28.17 0.21 0.00 | 26.32 0.00 0.00 | 26.74 -0.02 0.00 | 24.99 -0.30 0.00 | 27.03 -0.06 0.00 | 38.16 0.14 0.00 | 37.50 -0.30 0.00 | 28.66 0.16 0.00 | 24.99 0.24 0.00 | 25.26 0.30 0.00 | 29.20 0.65 0.00 | 27.43 0.39 0.00 | 26.40 0.76 0.00 | 25.57 0.64 0.00 | 27.24 0.89 0.00 | 27.73 0.85 0.00 | 27.27 0.30 0.00 | 30.12 0.15 0.00 | 34.79 0.29 0.00 | 33.53 0.41 0.00 | 35.36 0.68 0.00 | 34.18 0.84 0.00 | 30.82 0.81 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 25.11 0.63 0.00 | 28.76 0.80 0.00 | 27.07 0.75 0.00 | 27.50 0.73 0.00 | 25.98 0.69 0.00 | 27.89 0.80 0.00 | 39.37 1.35 0.00 | 39.23 1.44 0.00 | 29.57 1.07 0.00 | 25.69 0.94 0.00 | 25.90 0.94 0.00 | 29.58 1.04 0.01 | 27.93 0.94 0.04 | 26.54 0.92 0.01 | 25.77 0.84 0.00 | 27.29 0.94 0.00 | 27.87 0.99 0.00 | 27.88 0.92 0.00 | 31.08 1.11 0.00 | 36.16 1.65 0.00 | 34.76 1.64 0.00 | 36.17 1.59 0.10 | 34.75 1.51 0.10 | 31.19 1.26 0.08 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 24.70 0.22 0.00 | 28.25 0.28 0.00 | 26.55 0.23 0.00 | 26.99 0.23 0.00 | 25.48 0.19 0.00 | 27.38 0.29 0.00 | 38.59 0.57 0.00 | 38.31 0.51 0.00 | 28.85 0.35 0.00 | 25.06 0.31 0.00 | 25.26 0.30 0.00 | 28.87 0.31 0.00 | 27.25 0.22 0.00 | 25.88 0.25 0.00 | 25.07 0.14 0.00 | 26.55 0.20 0.00 | 27.13 0.25 0.00 | 27.20 0.23 0.00 | 30.29 0.32 0.00 | 35.06 0.56 0.00 | 33.70 0.58 0.00 | 35.25 0.57 0.00 | 33.86 0.52 0.00 | 30.33 0.32 0.00 |
| ETNA____115KV_TB2 80207 | 24.70 0.22 0.00 | 28.25 0.28 0.00 | 26.55 0.23 0.00 | 26.99 0.23 0.00 | 25.48 0.19 0.00 | 27.38 0.29 0.00 | 38.59 0.57 0.00 | 38.31 0.51 0.00 | 28.85 0.35 0.00 | 25.06 0.31 0.00 | 25.26 0.30 0.00 | 28.87 0.31 0.00 | 27.25 0.22 0.00 | 25.88 0.25 0.00 | 25.07 0.14 0.00 | 26.55 0.20 0.00 | 27.13 0.25 0.00 | 27.20 0.23 0.00 | 30.29 0.32 0.00 | 35.06 0.56 0.00 | 33.70 0.58 0.00 | 35.25 0.57 0.00 | 33.86 0.52 0.00 | 30.33 0.32 0.00 |
| EUCLID___115KV_TB2 356179 | 24.06 -0.42 0.00 | 27.50 -0.46 0.00 | 25.85 -0.47 0.00 | 26.29 -0.47 0.00 | 24.82 -0.47 0.00 | 26.62 -0.47 0.00 | 37.49 -0.53 0.00 | 37.20 -0.60 0.00 | 28.02 -0.49 0.00 | 24.37 -0.38 0.00 | 24.57 -0.39 0.00 | 28.11 -0.45 0.00 | 26.56 -0.47 0.00 | 25.25 -0.39 0.00 | 24.53 -0.40 0.00 | 25.94 -0.41 0.00 | 26.47 -0.42 0.00 | 26.50 -0.46 0.00 | 29.48 -0.49 0.00 | 34.01 -0.49 0.00 | 32.65 -0.46 0.00 | 34.18 -0.49 0.00 | 32.87 -0.47 0.00 | 29.54 -0.47 0.00 |
| E_CANADA_CAP_HY 24051 | 25.29 0.81 0.00 | 28.93 0.97 0.00 | 27.23 0.91 0.00 | 27.66 0.90 0.00 | 26.14 0.84 0.00 | 28.03 0.94 0.00 | 39.59 1.57 0.00 | 39.43 1.64 0.00 | 29.56 1.05 0.00 | 25.57 0.82 0.00 | 25.65 0.70 0.00 | 29.20 0.66 0.01 | 27.47 0.51 0.07 | 26.10 0.48 0.02 | 25.36 0.43 0.00 | 26.87 0.52 0.00 | 27.45 0.57 0.00 | 27.54 0.58 0.00 | 30.92 0.96 0.00 | 36.21 1.71 0.00 | 34.88 1.77 0.00 | 36.30 1.78 0.16 | 34.86 1.69 0.17 | 31.38 1.50 0.14 |
| E_CANADA_MHWK_HY 24050 | 24.53 0.05 0.00 | 27.88 -0.08 0.00 | 26.28 -0.04 0.00 | 26.76 -0.01 0.00 | 25.42 0.13 0.00 | 27.27 0.18 0.00 | 38.03 0.02 0.00 | 37.86 0.07 0.00 | 28.68 0.18 0.00 | 24.62 -0.13 0.00 | 24.57 -0.39 0.00 | 27.92 -0.64 0.00 | 26.35 -0.69 0.00 | 25.00 -0.64 0.00 | 24.37 -0.55 0.00 | 25.62 -0.72 0.00 | 26.21 -0.68 0.00 | 26.60 -0.36 0.00 | 30.11 0.15 0.00 | 35.06 0.56 0.00 | 33.69 0.57 0.00 | 35.19 0.51 0.00 | 33.68 0.34 0.00 | 30.11 0.10 0.00 |
| E_FISHKILL___LBMP 23776 | 24.81 0.33 0.00 | 28.20 0.24 0.00 | 26.61 0.29 0.00 | 27.04 0.28 0.00 | 25.63 0.34 0.00 | 27.45 0.36 0.00 | 38.30 0.28 0.00 | 38.34 0.55 0.00 | 29.17 0.67 0.00 | 25.31 0.56 0.00 | 25.65 0.68 0.00 | 29.29 0.70 -0.04 | 27.98 0.76 -0.18 | 26.32 0.65 -0.04 | 25.66 0.73 0.00 | 27.02 0.67 0.00 | 27.51 0.63 0.00 | 27.58 0.62 0.00 | 30.54 0.57 0.00 | 35.05 0.55 0.00 | 33.59 0.47 0.00 | 35.48 0.40 -0.41 | 34.16 0.38 -0.44 | 30.63 0.26 -0.35 |
| FALCON___SEABRD_CC1 323796 | 25.73 1.25 0.00 | 29.39 1.43 0.00 | 27.63 1.31 0.00 | 28.12 1.36 0.00 | 26.51 1.22 0.00 | 28.40 1.31 0.00 | 39.99 1.97 0.00 | 39.66 1.86 0.00 | 29.81 1.30 0.00 | 25.80 1.04 0.00 | 25.83 0.86 0.00 | 29.48 0.92 0.00 | 27.92 0.88 0.00 | 26.49 0.85 0.00 | 25.76 0.83 0.00 | 27.24 0.89 0.00 | 27.90 1.02 0.00 | 28.03 1.07 0.00 | 31.16 1.20 0.00 | 35.77 1.26 0.00 | 34.29 1.18 0.00 | 35.98 1.30 0.00 | 34.57 1.23 0.00 | 31.25 1.24 0.00 |
| FALCON___SEABRD_CC2 323797 | 25.73 1.25 0.00 | 29.39 1.43 0.00 | 27.63 1.31 0.00 | 28.12 1.36 0.00 | 26.51 1.22 0.00 | 28.40 1.31 0.00 | 39.99 1.97 0.00 | 39.66 1.86 0.00 | 29.81 1.30 0.00 | 25.80 1.04 0.00 | 25.83 0.86 0.00 | 29.48 0.92 0.00 | 27.92 0.88 0.00 | 26.49 0.85 0.00 | 25.76 0.83 0.00 | 27.24 0.89 0.00 | 27.90 1.02 0.00 | 28.03 1.07 0.00 | 31.16 1.20 0.00 | 35.77 1.26 0.00 | 34.29 1.18 0.00 | 35.98 1.30 0.00 | 34.57 1.23 0.00 | 31.25 1.24 0.00 |

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| FAR ROCKAWAY___4 23548 | 25.29 0.81 0.00 | 28.73 0.76 0.00 | 27.06 0.74 0.00 | 27.45 0.68 0.00 | 26.02 0.73 0.00 | 27.95 0.86 0.00 | 38.98 0.96 0.00 | 39.04 1.24 0.00 | 29.77 1.26 0.00 | 25.92 1.17 0.00 | 26.40 1.44 0.00 | 30.23 1.64 -0.03 | 28.69 1.50 -0.16 | 26.93 1.26 -0.04 | 26.29 1.36 0.00 | 27.56 1.21 0.00 | 28.07 1.18 0.00 | 27.70 1.13 0.39 | 31.14 1.17 0.00 | 35.71 1.21 0.00 | 33.27 1.08 0.93 | 36.18 1.13 -0.37 | 34.89 1.16 -0.40 | 31.29 0.96 -0.32 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 25.06 0.58 0.00 | 28.47 0.51 0.00 | 26.87 0.55 0.00 | 27.29 0.53 0.00 | 25.87 0.59 0.00 | 27.75 0.66 0.00 | 38.73 0.71 0.00 | 38.85 1.05 0.00 | 29.64 1.14 0.00 | 25.71 0.96 0.00 | 26.07 1.11 0.00 | 29.79 1.20 -0.03 | 28.45 1.26 -0.16 | 26.77 1.10 -0.04 | 26.12 1.19 0.00 | 27.49 1.14 0.00 | 27.99 1.10 0.00 | 28.00 1.04 0.00 | 30.95 0.98 0.00 | 35.51 1.01 0.00 | 34.00 0.89 0.00 | 35.86 0.82 -0.37 | 34.52 0.79 -0.40 | 30.93 0.60 -0.32 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 25.06 0.59 0.00 | 28.48 0.52 0.00 | 26.88 0.56 0.00 | 27.29 0.53 0.00 | 25.87 0.59 0.00 | 27.75 0.66 0.00 | 38.73 0.71 0.00 | 38.85 1.06 0.00 | 29.63 1.13 0.00 | 25.71 0.96 0.00 | 26.07 1.11 0.00 | 29.78 1.19 -0.03 | 28.45 1.26 -0.16 | 26.77 1.10 -0.04 | 26.11 1.18 0.00 | 27.48 1.13 0.00 | 27.98 1.09 0.00 | 28.00 1.04 0.00 | 30.95 0.98 0.00 | 35.50 1.00 0.00 | 34.01 0.89 0.00 | 35.86 0.82 -0.37 | 34.52 0.79 -0.40 | 30.93 0.60 -0.32 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 25.04 0.57 0.00 | 28.45 0.49 0.00 | 26.87 0.55 0.00 | 27.27 0.51 0.00 | 25.86 0.57 0.00 | 27.73 0.64 0.00 | 38.72 0.70 0.00 | 38.82 1.03 0.00 | 29.62 1.11 0.00 | 25.70 0.95 0.00 | 26.06 1.09 0.00 | 29.77 1.18 -0.03 | 28.43 1.24 -0.16 | 26.76 1.09 -0.04 | 26.10 1.17 0.00 | 27.47 1.12 0.00 | 27.96 1.08 0.00 | 27.98 1.02 0.00 | 30.93 0.96 0.00 | 35.48 0.97 0.00 | 33.98 0.86 0.00 | 35.83 0.79 -0.37 | 34.50 0.76 -0.40 | 30.91 0.58 -0.32 |
| FARRAGUT___LBMP 323566 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.25 0.49 0.00 | 25.84 0.55 0.00 | 27.72 0.63 0.00 | 38.68 0.66 0.00 | 38.78 0.99 0.00 | 29.59 1.08 0.00 | 25.68 0.92 0.00 | 26.03 1.07 0.00 | 29.74 1.15 -0.03 | 28.40 1.21 -0.16 | 26.73 1.07 -0.04 | 26.07 1.14 0.00 | 27.44 1.09 0.00 | 27.93 1.05 0.00 | 27.95 0.99 0.00 | 30.90 0.93 0.00 | 35.45 0.95 0.00 | 33.96 0.84 0.00 | 35.81 0.76 -0.37 | 34.48 0.74 -0.40 | 30.88 0.55 -0.32 |
| FENNER___WINDPWR 24204 | 24.87 0.39 0.00 | 28.35 0.39 0.00 | 26.65 0.34 0.00 | 27.11 0.35 0.00 | 25.61 0.32 0.00 | 27.48 0.39 0.00 | 38.70 0.68 0.00 | 38.48 0.69 0.00 | 29.02 0.51 0.00 | 25.17 0.42 0.00 | 25.34 0.38 0.00 | 28.88 0.32 0.00 | 27.27 0.24 0.00 | 25.88 0.25 0.00 | 25.14 0.21 0.00 | 26.59 0.24 0.00 | 27.18 0.29 0.00 | 27.30 0.34 0.00 | 30.48 0.51 0.00 | 35.27 0.77 0.00 | 33.89 0.78 0.00 | 35.44 0.77 0.00 | 34.05 0.71 0.00 | 30.54 0.53 0.00 |
| FIBERTEK___ENERGY 23856 | 24.31 -0.17 0.00 | 27.79 -0.17 0.00 | 26.12 -0.20 0.00 | 26.56 -0.20 0.00 | 25.09 -0.20 0.00 | 26.91 -0.18 0.00 | 37.91 -0.11 0.00 | 37.62 -0.18 0.00 | 28.34 -0.17 0.00 | 24.64 -0.11 0.00 | 24.83 -0.13 0.00 | 28.41 -0.15 0.00 | 26.84 -0.20 0.00 | 25.51 -0.12 0.00 | 24.79 -0.14 0.00 | 26.22 -0.13 0.00 | 26.75 -0.14 0.00 | 26.80 -0.16 0.00 | 29.83 -0.13 0.00 | 34.43 -0.08 0.00 | 33.06 -0.05 0.00 | 34.60 -0.08 0.00 | 33.25 -0.08 0.00 | 29.86 -0.15 0.00 |
| FITZPATRICK___ 23598 | 23.75 -0.73 0.00 | 27.15 -0.81 0.00 | 25.53 -0.78 0.00 | 25.98 -0.79 0.00 | 24.52 -0.77 0.00 | 26.26 -0.82 0.00 | 37.00 -1.02 0.00 | 36.70 -1.10 0.00 | 27.58 -0.92 0.00 | 23.99 -0.76 0.00 | 24.19 -0.77 0.00 | 27.67 -0.88 0.00 | 26.17 -0.86 0.00 | 24.86 -0.78 0.00 | 24.16 -0.77 0.00 | 25.55 -0.80 0.00 | 26.07 -0.81 0.00 | 26.11 -0.85 0.00 | 29.03 -0.94 0.00 | 33.47 -1.03 0.00 | 32.13 -0.99 0.00 | 33.66 -1.02 0.00 | 32.36 -0.98 0.00 | 29.10 -0.91 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 25.06 0.58 0.00 | 28.50 0.54 0.00 | 26.87 0.55 0.00 | 27.30 0.54 0.00 | 25.86 0.57 0.00 | 27.72 0.63 0.00 | 38.73 0.71 0.00 | 38.78 0.99 0.00 | 29.52 1.02 0.00 | 25.61 0.86 0.00 | 25.92 0.96 0.00 | 29.60 1.02 -0.03 | 28.25 1.08 -0.13 | 26.61 0.95 -0.03 | 25.95 1.02 0.00 | 27.36 1.01 0.00 | 27.86 0.97 0.00 | 27.95 0.99 0.00 | 30.99 1.03 0.00 | 35.59 1.09 0.00 | 34.11 0.99 0.00 | 35.90 0.92 -0.30 | 34.53 0.87 -0.32 | 30.94 0.67 -0.26 |
| FORT ORANGE___ 23900 | 24.55 0.07 0.00 | 27.96 0.00 0.00 | 26.37 0.05 0.00 | 26.83 0.06 0.00 | 25.40 0.11 0.00 | 27.18 0.09 0.00 | 37.87 -0.15 0.00 | 37.75 -0.06 0.00 | 28.58 0.07 0.00 | 24.75 0.00 0.00 | 24.91 -0.05 0.00 | 28.34 -0.19 0.02 | 26.81 -0.12 0.10 | 25.47 -0.14 0.02 | 24.86 -0.07 0.00 | 26.20 -0.14 0.00 | 26.72 -0.17 0.00 | 26.93 -0.03 0.00 | 29.99 0.03 0.00 | 34.40 -0.10 0.00 | 33.05 -0.07 0.00 | 34.36 -0.08 0.24 | 32.97 -0.11 0.26 | 29.70 -0.10 0.21 |
| FORT_DRUM_COGEN 23780 | 25.62 1.14 0.00 | 29.37 1.41 0.00 | 27.62 1.30 0.00 | 28.11 1.35 0.00 | 26.57 1.29 0.00 | 28.66 1.57 0.00 | 40.50 2.48 0.00 | 40.19 2.40 0.00 | 30.02 1.52 0.00 | 25.86 1.11 0.00 | 25.73 0.77 0.00 | 29.17 0.62 0.00 | 27.47 0.43 0.00 | 25.96 0.33 0.00 | 25.06 0.13 0.00 | 26.42 0.07 0.00 | 26.96 0.08 0.00 | 27.28 0.31 0.00 | 30.82 0.85 0.00 | 35.89 1.38 0.00 | 34.76 1.64 0.00 | 36.71 2.03 0.00 | 35.45 2.11 0.00 | 31.96 1.95 0.00 |
| FOX_HILLS___ESR 323835 | 25.03 0.55 0.00 | 28.41 0.45 0.00 | 26.87 0.55 0.00 | 27.25 0.49 0.00 | 25.86 0.57 0.00 | 27.71 0.62 0.00 | 38.72 0.70 0.00 | 38.82 1.03 0.00 | 29.63 1.12 0.00 | 25.71 0.96 0.00 | 26.03 1.07 0.00 | 29.73 1.14 -0.03 | 28.47 1.28 -0.16 | 26.73 1.06 -0.04 | 26.10 1.17 0.00 | 27.44 1.09 0.00 | 27.97 1.08 0.00 | 27.96 1.00 0.00 | 30.91 0.94 0.00 | 35.51 1.01 0.00 | 34.00 0.89 0.00 | 35.89 0.84 -0.37 | 34.56 0.83 -0.40 | 30.95 0.62 -0.32 |
| FPL_FAR_ROCK_GT1 24212 | 25.29 0.81 0.00 | 28.73 0.77 0.00 | 27.06 0.74 0.00 | 27.45 0.68 0.00 | 26.02 0.73 0.00 | 27.95 0.86 0.00 | 38.98 0.96 0.00 | 39.04 1.24 0.00 | 29.77 1.26 0.00 | 25.92 1.17 0.00 | 26.40 1.44 0.00 | 30.23 1.64 -0.03 | 28.70 1.50 -0.16 | 26.94 1.27 -0.04 | 26.29 1.36 0.00 | 27.56 1.21 0.00 | 28.07 1.18 0.00 | 27.71 1.14 0.39 | 31.13 1.16 0.00 | 35.71 1.21 0.00 | 33.27 1.08 0.93 | 36.18 1.13 -0.37 | 34.89 1.16 -0.40 | 31.29 0.96 -0.32 |
| FPL_FAR_ROCK_GT2 23815 | 25.29 0.81 0.00 | 28.73 0.77 0.00 | 27.06 0.74 0.00 | 27.45 0.68 0.00 | 26.02 0.73 0.00 | 27.95 0.86 0.00 | 38.98 0.96 0.00 | 39.04 1.24 0.00 | 29.77 1.26 0.00 | 25.92 1.17 0.00 | 26.40 1.44 0.00 | 30.23 1.64 -0.03 | 28.70 1.50 -0.16 | 26.94 1.27 -0.04 | 26.29 1.36 0.00 | 27.56 1.21 0.00 | 28.07 1.18 0.00 | 27.71 1.14 0.39 | 31.13 1.16 0.00 | 35.71 1.21 0.00 | 33.27 1.08 0.93 | 36.18 1.13 -0.37 | 34.89 1.16 -0.40 | 31.29 0.96 -0.32 |
| FRANKLIN_FALL_HYD 24054 | 25.42 0.94 0.00 | 29.10 1.15 0.00 | 27.37 1.05 0.00 | 27.83 1.07 0.00 | 26.19 0.90 0.00 | 28.06 0.97 0.00 | 39.61 1.59 0.00 | 39.40 1.60 0.00 | 29.52 1.01 0.00 | 25.53 0.78 0.00 | 25.70 0.74 0.00 | 29.53 0.97 0.00 | 27.94 0.91 0.00 | 26.50 0.87 0.00 | 25.74 0.81 0.00 | 27.26 0.91 0.00 | 27.88 0.99 0.00 | 27.93 0.97 0.00 | 31.10 1.14 0.00 | 35.88 1.38 0.00 | 34.46 1.35 0.00 | 36.24 1.56 0.00 | 34.81 1.47 0.00 | 31.42 1.41 0.00 |

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| FREEPORT_EQUS_GT1 23764 | 25.07 0.60 0.00 | 28.50 0.54 0.00 | 26.84 0.52 0.00 | 27.21 0.45 0.00 | 25.80 0.51 0.00 | 27.71 0.62 0.00 | 38.63 0.61 0.00 | 38.71 0.92 0.00 | 29.53 1.03 0.00 | 25.69 0.94 0.00 | 26.21 1.25 0.00 | 29.96 1.37 -0.03 | 28.41 1.22 -0.16 | 26.62 0.95 -0.04 | 26.03 1.10 0.00 | 27.25 0.90 0.00 | 27.77 0.88 0.00 | 26.14 0.84 1.66 | 30.78 0.82 0.00 | 35.33 0.82 0.00 | 29.92 0.70 3.90 | 35.80 0.76 -0.37 | 34.57 0.84 -0.40 | 31.02 0.69 -0.32 |
| FREEPORT___CT2 23818 | 25.07 0.60 0.00 | 28.50 0.54 0.00 | 26.84 0.52 0.00 | 27.21 0.45 0.00 | 25.80 0.51 0.00 | 27.71 0.62 0.00 | 38.63 0.61 0.00 | 38.71 0.92 0.00 | 29.53 1.03 0.00 | 25.69 0.94 0.00 | 26.21 1.25 0.00 | 29.96 1.37 -0.03 | 28.41 1.22 -0.16 | 26.62 0.95 -0.04 | 26.03 1.10 0.00 | 27.25 0.90 0.00 | 27.77 0.88 0.00 | 26.14 0.84 1.66 | 30.78 0.82 0.00 | 35.33 0.82 0.00 | 29.92 0.70 3.90 | 35.80 0.76 -0.37 | 34.57 0.84 -0.40 | 31.02 0.69 -0.32 |
| FRESHKLS_33_KV_LOAD 356253 | 25.07 0.59 0.00 | 28.47 0.51 0.00 | 26.93 0.61 0.00 | 27.31 0.54 0.00 | 25.92 0.63 0.00 | 27.77 0.69 0.00 | 38.82 0.80 0.00 | 38.89 1.10 0.00 | 29.69 1.18 0.00 | 25.76 1.01 0.00 | 26.08 1.12 0.00 | 29.78 1.19 -0.03 | 28.52 1.33 -0.16 | 26.76 1.09 -0.04 | 26.14 1.21 0.00 | 27.45 1.11 0.00 | 27.99 1.11 0.00 | 28.00 1.04 0.00 | 30.96 1.00 0.00 | 35.58 1.08 0.00 | 34.10 0.98 0.00 | 35.99 0.94 -0.37 | 34.66 0.92 -0.40 | 31.04 0.72 -0.32 |
| FULTON COGEN____ 23766 | 24.01 -0.47 0.00 | 27.44 -0.52 0.00 | 25.80 -0.52 0.00 | 26.24 -0.52 0.00 | 24.78 -0.51 0.00 | 26.57 -0.52 0.00 | 37.42 -0.60 0.00 | 37.14 -0.65 0.00 | 27.94 -0.56 0.00 | 24.30 -0.45 0.00 | 24.49 -0.46 0.00 | 27.98 -0.57 0.00 | 26.45 -0.58 0.00 | 25.14 -0.50 0.00 | 24.44 -0.49 0.00 | 25.82 -0.53 0.00 | 26.35 -0.54 0.00 | 26.39 -0.57 0.00 | 29.36 -0.61 0.00 | 33.92 -0.58 0.00 | 32.58 -0.54 0.00 | 34.12 -0.56 0.00 | 32.78 -0.56 0.00 | 29.46 -0.56 0.00 |
| FULTON___LFGE 323630 | 25.38 0.90 0.00 | 28.99 1.03 0.00 | 27.27 0.96 0.00 | 27.71 0.95 0.00 | 26.20 0.92 0.00 | 28.13 1.04 0.00 | 39.62 1.60 0.00 | 39.42 1.62 0.00 | 29.49 0.98 0.00 | 25.40 0.65 0.00 | 25.21 0.25 0.00 | 28.61 0.07 0.02 | 26.85 -0.11 0.08 | 25.47 -0.15 0.02 | 24.78 -0.15 0.00 | 26.22 -0.13 0.00 | 26.81 -0.08 0.00 | 27.12 0.15 0.00 | 30.80 0.83 0.00 | 36.24 1.74 0.00 | 34.93 1.81 0.00 | 36.32 1.82 0.18 | 34.81 1.66 0.19 | 31.29 1.43 0.16 |
| G.F.CEMENT___DRP 24184 | 25.42 0.94 0.00 | 28.89 0.93 0.00 | 27.14 0.82 0.00 | 27.64 0.88 0.00 | 26.22 0.93 0.00 | 28.13 1.04 0.00 | 39.41 1.39 0.00 | 39.16 1.37 0.00 | 29.49 0.99 0.00 | 25.40 0.65 0.00 | 25.54 0.58 0.00 | 29.18 0.65 0.02 | 27.55 0.64 0.12 | 26.04 0.43 0.03 | 25.39 0.46 0.00 | 26.78 0.43 0.00 | 27.47 0.58 0.00 | 27.91 0.95 0.00 | 31.42 1.45 0.00 | 36.05 1.55 0.00 | 34.55 1.44 0.00 | 35.91 1.52 0.29 | 34.33 1.30 0.31 | 30.96 1.20 0.25 |
| GARDENVILLE___LBMP 24039 | 24.35 -0.13 0.00 | 28.11 0.15 0.00 | 26.27 -0.05 0.00 | 26.69 -0.08 0.00 | 24.95 -0.34 0.00 | 27.00 -0.09 0.00 | 38.11 0.09 0.00 | 37.43 -0.37 0.00 | 28.59 0.08 0.00 | 24.94 0.19 0.00 | 25.22 0.26 0.00 | 29.15 0.59 0.00 | 27.36 0.33 0.00 | 26.35 0.72 0.00 | 25.54 0.61 0.00 | 27.17 0.82 0.00 | 27.67 0.79 0.00 | 27.21 0.24 0.00 | 30.01 0.04 0.00 | 34.68 0.18 0.00 | 33.41 0.29 0.00 | 35.25 0.57 0.00 | 34.09 0.75 0.00 | 30.76 0.75 0.00 |
| GARDNVLA_35_KV_LD 355827 | 24.42 -0.06 0.00 | 28.19 0.23 0.00 | 26.34 0.02 0.00 | 26.76 0.00 0.00 | 25.01 -0.28 0.00 | 27.06 -0.03 0.00 | 38.20 0.18 0.00 | 37.52 -0.28 0.00 | 28.67 0.16 0.00 | 25.02 0.27 0.00 | 25.30 0.34 0.00 | 29.26 0.70 0.00 | 27.47 0.44 0.00 | 26.46 0.83 0.00 | 25.66 0.73 0.00 | 27.30 0.95 0.00 | 27.81 0.92 0.00 | 27.35 0.38 0.00 | 30.16 0.19 0.00 | 34.85 0.35 0.00 | 33.58 0.46 0.00 | 35.42 0.75 0.00 | 34.23 0.89 0.00 | 30.86 0.85 0.00 |
| GELCKHM___115KV_LOAD 80723 | 24.15 -0.33 0.00 | 27.61 -0.35 0.00 | 25.95 -0.37 0.00 | 26.39 -0.37 0.00 | 24.93 -0.37 0.00 | 26.72 -0.36 0.00 | 37.64 -0.38 0.00 | 37.35 -0.44 0.00 | 28.14 -0.37 0.00 | 24.47 -0.28 0.00 | 24.67 -0.29 0.00 | 28.22 -0.34 0.00 | 26.66 -0.37 0.00 | 25.35 -0.28 0.00 | 24.63 -0.30 0.00 | 26.05 -0.30 0.00 | 26.58 -0.31 0.00 | 26.62 -0.34 0.00 | 29.62 -0.35 0.00 | 34.17 -0.33 0.00 | 32.80 -0.31 0.00 | 34.34 -0.34 0.00 | 33.01 -0.33 0.00 | 29.66 -0.35 0.00 |
| GENERAL___MILLS 23808 | 24.39 -0.09 0.00 | 28.16 0.20 0.00 | 26.31 -0.01 0.00 | 26.73 -0.03 0.00 | 24.99 -0.31 0.00 | 27.03 -0.05 0.00 | 38.16 0.14 0.00 | 37.48 -0.32 0.00 | 28.64 0.13 0.00 | 24.99 0.24 0.00 | 25.26 0.30 0.00 | 29.21 0.65 0.00 | 27.42 0.39 0.00 | 26.41 0.78 0.00 | 25.60 0.67 0.00 | 27.23 0.88 0.00 | 27.74 0.85 0.00 | 27.27 0.31 0.00 | 30.08 0.12 0.00 | 34.77 0.27 0.00 | 33.49 0.38 0.00 | 35.33 0.66 0.00 | 34.16 0.82 0.00 | 30.81 0.80 0.00 |
| GE_PLASTICS___DRP 24183 | 24.52 0.04 0.00 | 27.95 -0.01 0.00 | 26.35 0.04 0.00 | 26.82 0.05 0.00 | 25.38 0.09 0.00 | 27.17 0.08 0.00 | 37.87 -0.15 0.00 | 37.74 -0.06 0.00 | 28.59 0.08 0.00 | 24.79 0.04 0.00 | 24.99 0.02 0.00 | 28.48 -0.06 0.01 | 26.96 0.00 0.08 | 25.59 -0.03 0.02 | 24.96 0.03 0.00 | 26.31 -0.04 0.00 | 26.83 -0.06 0.00 | 26.99 0.03 0.00 | 30.01 0.04 0.00 | 34.40 -0.10 0.00 | 33.03 -0.09 0.00 | 34.40 -0.11 0.17 | 33.03 -0.12 0.19 | 29.75 -0.11 0.15 |
| GILBOA___1 23756 | 24.58 0.10 0.00 | 28.12 0.16 0.00 | 26.50 0.18 0.00 | 26.95 0.19 0.00 | 25.50 0.21 0.00 | 27.32 0.23 0.00 | 38.03 0.01 0.00 | 37.92 0.13 0.00 | 28.75 0.24 0.00 | 24.95 0.20 0.00 | 25.19 0.22 0.00 | 28.77 0.21 -0.01 | 27.31 0.24 -0.03 | 25.85 0.21 -0.01 | 25.18 0.25 0.00 | 26.56 0.21 0.00 | 27.07 0.19 0.00 | 27.18 0.21 0.00 | 30.17 0.20 0.00 | 34.67 0.17 0.00 | 33.27 0.15 0.00 | 34.86 0.11 -0.07 | 33.52 0.10 -0.08 | 30.11 0.04 -0.06 |
| GILBOA___2 23757 | 24.58 0.10 0.00 | 28.12 0.16 0.00 | 26.50 0.18 0.00 | 26.95 0.19 0.00 | 25.50 0.21 0.00 | 27.32 0.23 0.00 | 38.03 0.01 0.00 | 37.92 0.13 0.00 | 28.75 0.24 0.00 | 24.95 0.20 0.00 | 25.19 0.22 0.00 | 28.77 0.21 -0.01 | 27.31 0.24 -0.03 | 25.85 0.21 -0.01 | 25.18 0.25 0.00 | 26.56 0.21 0.00 | 27.07 0.19 0.00 | 27.18 0.21 0.00 | 30.17 0.20 0.00 | 34.67 0.17 0.00 | 33.27 0.15 0.00 | 34.86 0.11 -0.07 | 33.52 0.10 -0.08 | 30.11 0.04 -0.06 |
| GILBOA___3 23758 | 24.58 0.10 0.00 | 28.12 0.16 0.00 | 26.50 0.18 0.00 | 26.95 0.19 0.00 | 25.50 0.21 0.00 | 27.32 0.23 0.00 | 38.03 0.01 0.00 | 37.92 0.13 0.00 | 28.75 0.24 0.00 | 24.95 0.20 0.00 | 25.19 0.22 0.00 | 28.77 0.21 -0.01 | 27.31 0.24 -0.03 | 25.85 0.21 -0.01 | 25.18 0.25 0.00 | 26.56 0.21 0.00 | 27.07 0.19 0.00 | 27.18 0.21 0.00 | 30.17 0.20 0.00 | 34.67 0.17 0.00 | 33.27 0.15 0.00 | 34.86 0.11 -0.07 | 33.52 0.10 -0.08 | 30.11 0.04 -0.06 |
| GILBOA___4 23759 | 24.58 0.10 0.00 | 28.12 0.16 0.00 | 26.50 0.18 0.00 | 26.95 0.19 0.00 | 25.50 0.21 0.00 | 27.32 0.23 0.00 | 38.03 0.01 0.00 | 37.92 0.13 0.00 | 28.75 0.24 0.00 | 24.95 0.20 0.00 | 25.19 0.22 0.00 | 28.77 0.21 -0.01 | 27.31 0.24 -0.03 | 25.85 0.21 -0.01 | 25.18 0.25 0.00 | 26.56 0.21 0.00 | 27.07 0.19 0.00 | 27.18 0.21 0.00 | 30.17 0.20 0.00 | 34.67 0.17 0.00 | 33.27 0.15 0.00 | 34.86 0.11 -0.07 | 33.52 0.10 -0.08 | 30.11 0.04 -0.06 |

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| GILBOA____ 23599 | 24.58 0.10 0.00 | 28.12 0.15 0.00 | 26.50 0.18 0.00 | 26.95 0.19 0.00 | 25.50 0.21 0.00 | 27.31 0.23 0.00 | 38.03 0.01 0.00 | 37.92 0.13 0.00 | 28.75 0.24 0.00 | 24.95 0.20 0.00 | 25.19 0.22 0.00 | 28.77 0.21 -0.01 | 27.31 0.24 -0.03 | 25.85 0.21 -0.01 | 25.18 0.25 0.00 | 26.56 0.21 0.00 | 27.07 0.19 0.00 | 27.17 0.21 0.00 | 30.17 0.20 0.00 | 34.67 0.17 0.00 | 33.27 0.15 0.00 | 34.86 0.11 -0.07 | 33.52 0.10 -0.08 | 30.11 0.04 -0.06 |
| GINNA____ 23603 | 23.29 -1.19 0.00 | 26.73 -1.23 0.00 | 25.06 -1.26 0.00 | 25.47 -1.29 0.00 | 23.95 -1.34 0.00 | 25.80 -1.29 0.00 | 36.43 -1.59 0.00 | 36.03 -1.77 0.00 | 27.31 -1.20 0.00 | 23.79 -0.96 0.00 | 24.04 -0.92 0.00 | 27.64 -0.91 0.00 | 26.04 -0.99 0.00 | 24.89 -0.74 0.00 | 24.16 -0.77 0.00 | 25.65 -0.70 0.00 | 26.18 -0.71 0.00 | 26.00 -0.96 0.00 | 28.85 -1.12 0.00 | 33.30 -1.21 0.00 | 31.98 -1.14 0.00 | 33.57 -1.11 0.00 | 32.25 -1.09 0.00 | 29.01 -1.00 0.00 |
| GLEN PARK____ 23778 | 25.73 1.25 0.00 | 29.49 1.53 0.00 | 27.73 1.41 0.00 | 28.22 1.46 0.00 | 26.68 1.39 0.00 | 28.78 1.69 0.00 | 40.69 2.67 0.00 | 40.38 2.58 0.00 | 30.16 1.65 0.00 | 25.95 1.19 0.00 | 25.81 0.85 0.00 | 29.22 0.67 0.00 | 27.49 0.45 0.00 | 25.96 0.32 0.00 | 25.05 0.12 0.00 | 26.38 0.04 0.00 | 26.94 0.06 0.00 | 27.27 0.31 0.00 | 30.88 0.91 0.00 | 36.02 1.52 0.00 | 34.96 1.84 0.00 | 36.96 2.29 0.00 | 35.66 2.32 0.00 | 32.12 2.11 0.00 |
| GLENDAL_27_KV_LOAD 356172 | 25.15 0.67 0.00 | 28.51 0.54 0.00 | 26.99 0.67 0.00 | 27.37 0.60 0.00 | 25.98 0.69 0.00 | 27.83 0.74 0.00 | 38.86 0.84 0.00 | 39.00 1.20 0.00 | 29.79 1.29 0.00 | 25.88 1.12 0.00 | 26.23 1.27 0.00 | 29.91 1.33 -0.03 | 28.63 1.43 -0.16 | 26.92 1.25 -0.04 | 26.30 1.37 0.00 | 27.64 1.29 0.00 | 28.15 1.26 0.00 | 28.14 1.17 0.00 | 31.07 1.10 0.00 | 35.66 1.16 0.00 | 34.15 1.04 0.00 | 36.04 1.00 -0.37 | 34.69 0.96 -0.40 | 31.06 0.73 -0.32 |
| GLENWOOD_IC_1_G5 23712 | 25.13 0.65 0.00 | 28.56 0.60 0.00 | 26.90 0.58 0.00 | 27.29 0.52 0.00 | 25.87 0.58 0.00 | 27.78 0.69 0.00 | 38.76 0.73 0.00 | 38.82 1.03 0.00 | 29.62 1.12 0.00 | 25.78 1.03 0.00 | 26.28 1.32 0.00 | 30.06 1.47 -0.03 | 28.52 1.33 -0.16 | 26.74 1.07 -0.04 | 26.12 1.19 0.00 | 27.19 0.84 0.00 | 27.69 0.81 0.00 | 26.56 0.73 1.14 | 30.66 0.70 0.00 | 35.19 0.68 0.00 | 31.04 0.60 2.67 | 35.90 0.86 -0.37 | 34.63 0.90 -0.40 | 31.08 0.75 -0.32 |
| GLENWOOD_IC_2_G1 23688 | 25.09 0.61 0.00 | 28.51 0.55 0.00 | 26.86 0.55 0.00 | 27.25 0.49 0.00 | 25.83 0.54 0.00 | 27.73 0.65 0.00 | 38.69 0.66 0.00 | 38.76 0.96 0.00 | 29.56 1.05 0.00 | 25.72 0.97 0.00 | 26.21 1.25 0.00 | 29.98 1.39 -0.03 | 28.46 1.26 -0.16 | 26.69 1.02 -0.04 | 26.08 1.15 0.00 | 27.28 0.93 0.00 | 27.78 0.89 0.00 | 27.45 0.82 0.34 | 30.77 0.81 0.00 | 35.32 0.82 0.00 | 33.00 0.70 0.81 | 35.84 0.79 -0.37 | 34.57 0.83 -0.40 | 31.02 0.69 -0.32 |
| GLENWOOD_IC_3_G1 23689 | 25.09 0.61 0.00 | 28.51 0.55 0.00 | 26.86 0.55 0.00 | 27.25 0.49 0.00 | 25.83 0.54 0.00 | 27.73 0.65 0.00 | 38.69 0.66 0.00 | 38.76 0.96 0.00 | 29.56 1.05 0.00 | 25.72 0.97 0.00 | 26.21 1.25 0.00 | 29.98 1.39 -0.03 | 28.46 1.26 -0.16 | 26.69 1.02 -0.04 | 26.08 1.15 0.00 | 27.28 0.93 0.00 | 27.78 0.89 0.00 | 27.45 0.82 0.34 | 30.77 0.81 0.00 | 35.32 0.82 0.00 | 33.00 0.70 0.81 | 35.84 0.79 -0.37 | 34.57 0.83 -0.40 | 31.02 0.69 -0.32 |
| GLENWOOD____4 23550 | 25.13 0.65 0.00 | 28.56 0.60 0.00 | 26.90 0.58 0.00 | 27.29 0.52 0.00 | 25.87 0.58 0.00 | 27.78 0.69 0.00 | 38.76 0.73 0.00 | 38.82 1.03 0.00 | 29.62 1.12 0.00 | 25.78 1.03 0.00 | 26.28 1.32 0.00 | 30.06 1.47 -0.03 | 28.52 1.33 -0.16 | 26.74 1.07 -0.04 | 26.13 1.19 0.00 | 27.26 0.91 0.00 | 27.75 0.86 0.00 | 26.62 0.79 1.14 | 30.74 0.77 0.00 | 35.26 0.76 0.00 | 31.12 0.67 2.67 | 35.90 0.86 -0.37 | 34.63 0.90 -0.40 | 31.08 0.75 -0.32 |
| GLENWOOD____5 23614 | 25.13 0.65 0.00 | 28.56 0.60 0.00 | 26.90 0.58 0.00 | 27.29 0.52 0.00 | 25.87 0.58 0.00 | 27.78 0.69 0.00 | 38.76 0.73 0.00 | 38.82 1.03 0.00 | 29.62 1.12 0.00 | 25.78 1.03 0.00 | 26.28 1.32 0.00 | 30.06 1.47 -0.03 | 28.52 1.33 -0.16 | 26.74 1.07 -0.04 | 26.13 1.19 0.00 | 27.26 0.91 0.00 | 27.75 0.86 0.00 | 26.62 0.79 1.14 | 30.74 0.77 0.00 | 35.26 0.76 0.00 | 31.12 0.67 2.67 | 35.90 0.86 -0.37 | 34.63 0.90 -0.40 | 31.08 0.75 -0.32 |
| GLOBAL GREEN_PORT_GT1 23814 | 24.38 -0.10 0.00 | 27.63 -0.33 0.00 | 26.05 -0.27 0.00 | 26.38 -0.38 0.00 | 25.00 -0.28 0.00 | 26.88 -0.21 0.00 | 37.40 -0.62 0.00 | 37.60 -0.20 0.00 | 28.85 0.35 0.00 | 25.27 0.52 0.00 | 25.82 0.86 0.00 | 29.59 1.01 -0.03 | 27.90 0.71 -0.16 | 26.02 0.35 -0.04 | 25.55 0.62 0.00 | 26.84 0.49 0.00 | 27.38 0.49 0.00 | 24.43 0.35 2.89 | 30.26 0.30 0.00 | 34.78 0.27 0.00 | 26.47 0.14 6.78 | 35.12 0.07 -0.37 | 33.69 -0.04 -0.40 | 30.13 -0.20 -0.32 |
| GLOBE____DSASP 323697 | 23.80 -0.68 0.00 | 27.54 -0.42 0.00 | 25.74 -0.58 0.00 | 26.17 -0.59 0.00 | 24.43 -0.86 0.00 | 26.38 -0.71 0.00 | 37.17 -0.85 0.00 | 36.39 -1.40 0.00 | 27.80 -0.70 0.00 | 24.28 -0.47 0.00 | 24.59 -0.37 0.00 | 28.44 -0.12 0.00 | 26.70 -0.33 0.00 | 25.74 0.11 0.00 | 24.97 0.04 0.00 | 26.56 0.21 0.00 | 27.04 0.16 0.00 | 26.39 -0.58 0.00 | 29.00 -0.96 0.00 | 33.47 -1.03 0.00 | 32.28 -0.84 0.00 | 34.19 -0.48 0.00 | 33.09 -0.25 0.00 | 30.11 0.10 0.00 |
| GOETHSLN____LBMP 323567 | 24.96 0.48 0.00 | 28.35 0.39 0.00 | 26.75 0.43 0.00 | 27.16 0.39 0.00 | 25.75 0.46 0.00 | 27.62 0.53 0.00 | 38.56 0.54 0.00 | 38.66 0.87 0.00 | 29.49 0.99 0.00 | 25.58 0.83 0.00 | 25.93 0.97 0.00 | 29.63 1.04 -0.03 | 28.31 1.12 -0.16 | 26.63 0.96 -0.04 | 25.97 1.05 0.00 | 27.33 0.99 0.00 | 27.82 0.94 0.00 | 27.84 0.88 0.00 | 30.77 0.80 0.00 | 35.32 0.82 0.00 | 33.82 0.71 0.00 | 35.67 0.62 -0.37 | 34.35 0.61 -0.40 | 30.76 0.43 -0.32 |
| GOLAH____69_KV_TB 1_2 80279 | 24.78 0.29 0.00 | 28.45 0.49 0.00 | 26.64 0.32 0.00 | 27.06 0.30 0.00 | 25.35 0.06 0.00 | 27.37 0.29 0.00 | 38.68 0.66 0.00 | 38.18 0.39 0.00 | 28.95 0.45 0.00 | 25.23 0.48 0.00 | 25.49 0.53 0.00 | 29.36 0.80 0.00 | 27.58 0.55 0.00 | 26.42 0.79 0.00 | 25.66 0.73 0.00 | 27.20 0.85 0.00 | 27.79 0.90 0.00 | 27.51 0.55 0.00 | 30.45 0.48 0.00 | 35.19 0.68 0.00 | 33.88 0.76 0.00 | 35.71 1.04 0.00 | 34.47 1.13 0.00 | 30.99 0.98 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 24.92 0.44 0.00 | 28.52 0.56 0.00 | 26.85 0.54 0.00 | 27.29 0.53 0.00 | 25.80 0.51 0.00 | 27.70 0.61 0.00 | 38.91 0.89 0.00 | 38.78 0.99 0.00 | 29.38 0.88 0.00 | 25.54 0.79 0.00 | 25.78 0.81 0.00 | 29.46 0.91 0.00 | 27.89 0.86 0.00 | 26.45 0.82 0.00 | 25.70 0.77 0.00 | 27.17 0.83 0.00 | 27.74 0.86 0.00 | 27.77 0.81 0.00 | 30.90 0.93 0.00 | 35.73 1.23 0.00 | 34.28 1.16 0.00 | 35.77 1.09 0.00 | 34.37 1.04 0.00 | 30.81 0.80 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 24.45 -0.03 0.00 | 27.98 0.02 0.00 | 26.29 -0.03 0.00 | 26.72 -0.04 0.00 | 25.22 -0.07 0.00 | 27.12 0.03 0.00 | 38.14 0.12 0.00 | 37.86 0.07 0.00 | 28.71 0.20 0.00 | 24.96 0.21 0.00 | 25.17 0.20 0.00 | 28.84 0.29 0.00 | 27.25 0.19 -0.02 | 25.93 0.29 0.00 | 25.14 0.21 0.00 | 26.62 0.27 0.00 | 27.16 0.27 0.00 | 27.12 0.15 0.00 | 30.12 0.15 0.00 | 34.82 0.32 0.00 | 33.41 0.29 0.00 | 35.00 0.27 -0.05 | 33.68 0.28 -0.06 | 30.18 0.12 -0.05 |

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| GOUDEY___7 23579 | 24.45 -0.03 0.00 | 27.98 0.02 0.00 | 26.29 -0.03 0.00 | 26.72 -0.04 0.00 | 25.22 -0.07 0.00 | 27.12 0.03 0.00 | 38.14 0.12 0.00 | 37.86 0.07 0.00 | 28.71 0.20 0.00 | 24.96 0.21 0.00 | 25.17 0.20 0.00 | 28.84 0.29 0.00 | 27.25 0.19 -0.02 | 25.93 0.29 0.00 | 25.14 0.21 0.00 | 26.62 0.27 0.00 | 27.16 0.27 0.00 | 27.12 0.15 0.00 | 30.12 0.15 0.00 | 34.82 0.32 0.00 | 33.41 0.29 0.00 | 35.00 0.27 -0.05 | 33.68 0.28 -0.06 | 30.18 0.12 -0.05 |
| GOUDEY___8 23580 | 24.45 -0.03 0.00 | 27.98 0.02 0.00 | 26.29 -0.03 0.00 | 26.72 -0.04 0.00 | 25.22 -0.07 0.00 | 27.12 0.03 0.00 | 38.14 0.12 0.00 | 37.86 0.07 0.00 | 28.71 0.20 0.00 | 24.96 0.21 0.00 | 25.17 0.20 0.00 | 28.84 0.29 0.00 | 27.25 0.19 -0.02 | 25.93 0.29 0.00 | 25.14 0.21 0.00 | 26.62 0.27 0.00 | 27.16 0.27 0.00 | 27.12 0.15 0.00 | 30.12 0.15 0.00 | 34.82 0.32 0.00 | 33.41 0.29 0.00 | 35.00 0.27 -0.05 | 33.68 0.28 -0.06 | 30.18 0.12 -0.05 |
| GOWANUS_GT1_1 24077 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT1_2 24078 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT1_3 24079 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT1_4 24080 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT1_5 24084 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT1_6 24111 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT1_7 24112 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT1_8 24113 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT2_1 24114 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT2_2 24115 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT2_3 24116 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT2_4 24117 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT2_5 24118 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |

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| GOWANUS_GT2_6 24119 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT2_7 24120 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT2_8 24121 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT3_1 24122 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT3_2 24123 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT3_3 24124 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT3_4 24125 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT3_5 24126 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT3_6 24127 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT3_7 24128 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT3_8 24129 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT4_1 24130 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT4_2 24131 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT4_3 24132 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT4_4 24133 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT4_6 24135 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT4_7 24136 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GOWANUS_GT4_8 24137 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GREATVR_69_KV_BK1 356245 | 25.13 0.65 0.00 | 28.54 0.58 0.00 | 26.88 0.56 0.00 | 27.23 0.46 0.00 | 25.81 0.52 0.00 | 27.74 0.66 0.00 | 38.63 0.61 0.00 | 38.74 0.94 0.00 | 29.58 1.07 0.00 | 25.85 1.10 0.00 | 26.41 1.44 0.00 | 30.18 1.60 -0.03 | 28.52 1.32 -0.16 | 26.63 0.96 -0.04 | 26.14 1.21 0.00 | 27.41 1.06 0.00 | 27.88 1.00 0.00 | 25.08 0.92 2.80 | 30.89 0.93 0.00 | 35.46 0.95 0.00 | 27.36 0.82 6.58 | 35.89 0.84 -0.37 | 34.60 0.86 -0.40 | 31.06 0.73 -0.32 |
| GREENBSH_115KV_TB3 55895 | 24.42 -0.06 0.00 | 27.81 -0.15 0.00 | 26.23 -0.09 0.00 | 26.69 -0.07 0.00 | 25.27 -0.02 0.00 | 27.04 -0.05 0.00 | 37.65 -0.37 0.00 | 37.52 -0.28 0.00 | 28.45 -0.06 0.00 | 24.66 -0.09 0.00 | 24.84 -0.12 0.00 | 28.29 -0.24 0.02 | 26.75 -0.17 0.11 | 25.41 -0.19 0.03 | 24.81 -0.13 0.00 | 26.15 -0.20 0.00 | 26.66 -0.23 0.00 | 26.86 -0.10 0.00 | 29.86 -0.10 0.00 | 34.15 -0.36 0.00 | 32.79 -0.33 0.00 | 34.09 -0.33 0.26 | 32.71 -0.35 0.28 | 29.50 -0.29 0.22 |
| GREENDGE_115KV_TB5 80291 | 24.63 0.16 0.00 | 28.24 0.28 0.00 | 26.48 0.16 0.00 | 26.90 0.14 0.00 | 25.34 0.05 0.00 | 27.33 0.24 0.00 | 38.62 0.60 0.00 | 38.26 0.46 0.00 | 28.99 0.49 0.00 | 25.23 0.47 0.00 | 25.42 0.46 0.00 | 29.20 0.65 0.00 | 27.44 0.41 0.00 | 26.20 0.57 0.00 | 25.30 0.38 0.00 | 26.96 0.61 0.00 | 27.61 0.73 0.00 | 27.47 0.51 0.00 | 30.50 0.53 0.00 | 35.31 0.81 0.00 | 33.92 0.80 0.00 | 35.54 0.86 0.00 | 34.14 0.80 0.00 | 30.58 0.57 0.00 |
| GREENIDGE___3 23582 | 24.63 0.16 0.00 | 28.24 0.28 0.00 | 26.48 0.16 0.00 | 26.90 0.14 0.00 | 25.34 0.05 0.00 | 27.33 0.24 0.00 | 38.62 0.60 0.00 | 38.26 0.46 0.00 | 28.99 0.49 0.00 | 25.23 0.47 0.00 | 25.42 0.46 0.00 | 29.20 0.65 0.00 | 27.44 0.41 0.00 | 26.20 0.57 0.00 | 25.30 0.38 0.00 | 26.96 0.61 0.00 | 27.61 0.73 0.00 | 27.47 0.51 0.00 | 30.50 0.53 0.00 | 35.31 0.81 0.00 | 33.92 0.80 0.00 | 35.54 0.86 0.00 | 34.14 0.80 0.00 | 30.58 0.57 0.00 |
| GREENIDGE___4 23583 | 24.63 0.16 0.00 | 28.24 0.28 0.00 | 26.48 0.16 0.00 | 26.90 0.13 0.00 | 25.34 0.05 0.00 | 27.33 0.24 0.00 | 38.62 0.60 0.00 | 38.25 0.46 0.00 | 29.00 0.49 0.00 | 25.23 0.47 0.00 | 25.42 0.46 0.00 | 29.20 0.65 0.00 | 27.44 0.41 0.00 | 26.19 0.56 0.00 | 25.29 0.36 0.00 | 26.97 0.62 0.00 | 27.61 0.72 0.00 | 27.46 0.50 0.00 | 30.50 0.54 0.00 | 35.31 0.81 0.00 | 33.92 0.80 0.00 | 35.54 0.86 0.00 | 34.14 0.81 0.00 | 30.58 0.57 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 24.88 0.40 0.00 | 28.29 0.33 0.00 | 26.64 0.32 0.00 | 27.01 0.24 0.00 | 25.60 0.32 0.00 | 27.50 0.41 0.00 | 38.29 0.27 0.00 | 38.32 0.53 0.00 | 29.22 0.72 0.00 | 25.49 0.74 0.00 | 26.08 1.12 0.00 | 29.84 1.25 -0.03 | 28.19 1.00 -0.16 | 26.33 0.66 -0.04 | 25.79 0.86 0.00 | 26.96 0.61 0.00 | 27.41 0.52 0.00 | 24.57 0.43 2.83 | 30.39 0.42 0.00 | 34.84 0.34 0.00 | 26.70 0.22 6.64 | 35.28 0.23 -0.37 | 34.11 0.38 -0.40 | 30.72 0.39 -0.32 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |
| GRISSOM___SOLAR 323813 | 25.35 0.87 0.00 | 28.95 0.99 0.00 | 27.24 0.92 0.00 | 27.68 0.92 0.00 | 26.18 0.89 0.00 | 28.10 1.01 0.00 | 39.52 1.50 0.00 | 39.31 1.52 0.00 | 29.39 0.88 0.00 | 25.30 0.54 0.00 | 25.01 0.05 0.00 | 28.38 -0.16 0.02 | 26.62 -0.34 0.08 | 25.24 -0.38 0.02 | 24.57 -0.36 0.00 | 25.98 -0.37 0.00 | 26.57 -0.31 0.00 | 26.92 -0.04 0.00 | 30.66 0.69 0.00 | 36.12 1.62 0.00 | 34.81 1.70 0.00 | 36.19 1.70 0.19 | 34.69 1.55 0.20 | 31.18 1.33 0.16 |
| GROVEVILLE___HYD 323602 | 25.06 0.58 0.00 | 28.50 0.54 0.00 | 26.87 0.55 0.00 | 27.30 0.54 0.00 | 25.86 0.57 0.00 | 27.72 0.63 0.00 | 38.73 0.71 0.00 | 38.78 0.99 0.00 | 29.52 1.02 0.00 | 25.61 0.86 0.00 | 25.92 0.96 0.00 | 29.60 1.02 -0.03 | 28.25 1.08 -0.13 | 26.61 0.95 -0.03 | 25.95 1.02 0.00 | 27.36 1.01 0.00 | 27.86 0.97 0.00 | 27.95 0.99 0.00 | 30.99 1.03 0.00 | 35.59 1.09 0.00 | 34.11 0.99 0.00 | 35.90 0.92 -0.30 | 34.53 0.87 -0.32 | 30.94 0.67 -0.26 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 24.31 -0.17 0.00 | 27.79 -0.17 0.00 | 26.12 -0.20 0.00 | 26.56 -0.20 0.00 | 25.09 -0.20 0.00 | 26.91 -0.18 0.00 | 37.91 -0.11 0.00 | 37.62 -0.18 0.00 | 28.34 -0.17 0.00 | 24.64 -0.11 0.00 | 24.83 -0.13 0.00 | 28.41 -0.15 0.00 | 26.84 -0.20 0.00 | 25.51 -0.12 0.00 | 24.79 -0.14 0.00 | 26.22 -0.13 0.00 | 26.75 -0.14 0.00 | 26.80 -0.16 0.00 | 29.83 -0.13 0.00 | 34.43 -0.08 0.00 | 33.06 -0.05 0.00 | 34.60 -0.08 0.00 | 33.25 -0.08 0.00 | 29.86 -0.15 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 24.42 -0.06 0.00 | 27.93 -0.03 0.00 | 26.25 -0.06 0.00 | 26.69 -0.07 0.00 | 25.19 -0.10 0.00 | 27.03 -0.06 0.00 | 38.11 0.09 0.00 | 37.80 0.00 0.00 | 28.49 -0.01 0.00 | 24.77 0.02 0.00 | 24.98 0.02 0.00 | 28.59 0.03 0.00 | 26.99 -0.04 0.00 | 25.70 0.07 0.00 | 24.98 0.05 0.00 | 26.47 0.12 0.00 | 27.05 0.17 0.00 | 26.97 0.01 0.00 | 30.00 0.04 0.00 | 34.64 0.13 0.00 | 33.31 0.19 0.00 | 34.88 0.20 0.00 | 33.52 0.18 0.00 | 30.12 0.10 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 25.51 1.03 0.00 | 29.21 1.25 0.00 | 27.49 1.17 0.00 | 27.96 1.20 0.00 | 26.40 1.11 0.00 | 28.35 1.26 0.00 | 40.01 1.99 0.00 | 39.71 1.91 0.00 | 29.66 1.16 0.00 | 25.62 0.87 0.00 | 25.68 0.71 0.00 | 29.29 0.74 0.00 | 27.67 0.64 0.00 | 26.18 0.55 0.00 | 25.34 0.41 0.00 | 26.81 0.46 0.00 | 27.31 0.43 0.00 | 27.40 0.44 0.00 | 30.71 0.75 0.00 | 35.60 1.09 0.00 | 34.34 1.22 0.00 | 36.23 1.55 0.00 | 35.01 1.67 0.00 | 31.60 1.59 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 24.45 -0.03 0.00 | 27.82 -0.14 0.00 | 26.22 -0.10 0.00 | 26.68 -0.08 0.00 | 25.35 0.06 0.00 | 27.16 0.08 0.00 | 37.95 -0.07 0.00 | 37.80 0.01 0.00 | 28.63 0.13 0.00 | 24.66 -0.09 0.00 | 24.66 -0.30 0.00 | 28.07 -0.48 0.00 | 26.53 -0.50 0.00 | 25.17 -0.46 0.00 | 24.53 -0.40 0.00 | 25.82 -0.53 0.00 | 26.40 -0.49 0.00 | 26.73 -0.24 0.00 | 30.14 0.17 0.00 | 35.01 0.51 0.00 | 33.63 0.52 0.00 | 35.13 0.46 0.00 | 33.66 0.32 0.00 | 30.14 0.12 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 24.95 0.47 0.00 | 28.39 0.43 0.00 | 26.74 0.42 0.00 | 27.15 0.39 0.00 | 25.72 0.42 0.00 | 27.58 0.50 0.00 | 38.56 0.54 0.00 | 38.58 0.78 0.00 | 29.38 0.87 0.00 | 25.52 0.77 0.00 | 25.85 0.89 0.00 | 29.55 0.96 -0.02 | 28.20 1.04 -0.12 | 26.56 0.89 -0.03 | 25.89 0.96 0.00 | 27.28 0.94 0.00 | 27.78 0.89 0.00 | 27.85 0.89 0.00 | 30.87 0.90 0.00 | 35.47 0.97 0.00 | 34.00 0.89 0.00 | 35.78 0.81 -0.29 | 34.45 0.80 -0.31 | 30.88 0.61 -0.25 |
| HARSNRAD_115KV_TB1 81005 | 24.19 -0.29 0.00 | 27.97 0.01 0.00 | 26.14 -0.18 0.00 | 26.57 -0.19 0.00 | 24.81 -0.48 0.00 | 26.85 -0.24 0.00 | 37.83 -0.19 0.00 | 37.08 -0.72 0.00 | 28.34 -0.16 0.00 | 24.74 -0.01 0.00 | 25.03 0.07 0.00 | 28.92 0.37 0.00 | 27.09 0.05 0.00 | 26.11 0.47 0.00 | 25.31 0.38 0.00 | 26.90 0.55 0.00 | 27.41 0.52 0.00 | 26.90 -0.07 0.00 | 29.63 -0.34 0.00 | 34.24 -0.27 0.00 | 33.03 -0.08 0.00 | 34.95 0.27 0.00 | 33.85 0.51 0.00 | 30.67 0.66 0.00 |
| HARZA MOOSE___RIVER 24016 | 25.23 0.75 0.00 | 28.84 0.88 0.00 | 27.15 0.83 0.00 | 27.62 0.86 0.00 | 26.09 0.80 0.00 | 28.06 0.97 0.00 | 39.54 1.52 0.00 | 39.29 1.50 0.00 | 29.51 1.00 0.00 | 25.52 0.76 0.00 | 25.56 0.60 0.00 | 29.05 0.49 0.00 | 27.43 0.40 0.00 | 25.99 0.35 0.00 | 25.18 0.26 0.00 | 26.61 0.26 0.00 | 27.17 0.29 0.00 | 27.40 0.44 0.00 | 30.76 0.79 0.00 | 35.59 1.09 0.00 | 34.24 1.12 0.00 | 35.91 1.23 0.00 | 34.65 1.31 0.00 | 31.23 1.21 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 24.15 -0.33 0.00 | 27.60 -0.36 0.00 | 25.94 -0.37 0.00 | 26.38 -0.38 0.00 | 24.91 -0.38 0.00 | 26.71 -0.37 0.00 | 37.64 -0.38 0.00 | 37.35 -0.45 0.00 | 28.15 -0.36 0.00 | 24.48 -0.27 0.00 | 24.68 -0.28 0.00 | 28.24 -0.32 0.00 | 26.68 -0.35 0.00 | 25.36 -0.27 0.00 | 24.65 -0.28 0.00 | 26.05 -0.30 0.00 | 26.59 -0.30 0.00 | 26.61 -0.35 0.00 | 29.60 -0.37 0.00 | 34.16 -0.35 0.00 | 32.79 -0.33 0.00 | 34.32 -0.35 0.00 | 33.01 -0.33 0.00 | 29.66 -0.35 0.00 |
| HELLGATE_13_KV_LD 55870 | 25.16 0.68 0.00 | 28.50 0.54 0.00 | 27.01 0.69 0.00 | 27.38 0.62 0.00 | 26.01 0.71 0.00 | 27.85 0.76 0.00 | 38.86 0.84 0.00 | 39.03 1.23 0.00 | 29.83 1.33 0.00 | 25.90 1.15 0.00 | 26.27 1.31 0.00 | 29.94 1.36 -0.03 | 28.65 1.46 -0.16 | 26.95 1.28 -0.04 | 26.32 1.39 0.00 | 27.66 1.31 0.00 | 28.17 1.29 0.00 | 28.16 1.20 0.00 | 31.10 1.13 0.00 | 35.69 1.18 0.00 | 34.17 1.05 0.00 | 36.06 1.02 -0.37 | 34.72 0.98 -0.40 | 31.08 0.75 -0.32 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 25.16 0.68 0.00 | 28.50 0.54 0.00 | 27.01 0.69 0.00 | 27.38 0.62 0.00 | 26.01 0.71 0.00 | 27.85 0.76 0.00 | 38.86 0.84 0.00 | 39.03 1.23 0.00 | 29.83 1.33 0.00 | 25.90 1.15 0.00 | 26.27 1.31 0.00 | 29.94 1.36 -0.03 | 28.65 1.46 -0.16 | 26.95 1.28 -0.04 | 26.32 1.39 0.00 | 27.66 1.31 0.00 | 28.17 1.29 0.00 | 28.16 1.20 0.00 | 31.10 1.13 0.00 | 35.69 1.18 0.00 | 34.17 1.05 0.00 | 36.06 1.02 -0.37 | 34.72 0.98 -0.40 | 31.08 0.75 -0.32 |
| HEMPSTEAD____ 23647 | 24.96 0.48 0.00 | 28.37 0.41 0.00 | 26.72 0.40 0.00 | 27.10 0.33 0.00 | 25.69 0.40 0.00 | 27.59 0.50 0.00 | 38.46 0.44 0.00 | 38.55 0.75 0.00 | 29.41 0.90 0.00 | 25.58 0.83 0.00 | 26.09 1.12 0.00 | 29.83 1.24 -0.03 | 28.30 1.10 -0.16 | 26.51 0.84 -0.04 | 25.93 1.00 0.00 | 27.10 0.75 0.00 | 27.61 0.72 0.00 | 26.08 0.66 1.54 | 30.59 0.62 0.00 | 35.10 0.59 0.00 | 29.99 0.49 3.62 | 35.63 0.58 -0.37 | 34.39 0.65 -0.40 | 30.86 0.53 -0.32 |
| HICKLING___1 23621 | 24.63 0.15 0.00 | 28.23 0.27 0.00 | 26.46 0.14 0.00 | 26.88 0.11 0.00 | 25.29 0.00 0.00 | 27.31 0.22 0.00 | 38.59 0.57 0.00 | 38.19 0.40 0.00 | 29.03 0.52 0.00 | 25.26 0.51 0.00 | 25.46 0.49 0.00 | 29.28 0.73 0.00 | 27.52 0.49 0.00 | 26.33 0.70 0.00 | 25.44 0.52 0.00 | 27.04 0.69 0.00 | 27.64 0.76 0.00 | 27.46 0.50 0.00 | 30.48 0.52 0.00 | 35.33 0.82 0.00 | 33.89 0.77 0.00 | 35.47 0.79 0.00 | 34.14 0.80 0.00 | 30.54 0.53 0.00 |
| HICKLING___2 23622 | 24.63 0.15 0.00 | 28.23 0.27 0.00 | 26.46 0.14 0.00 | 26.88 0.11 0.00 | 25.29 0.00 0.00 | 27.31 0.22 0.00 | 38.59 0.57 0.00 | 38.19 0.40 0.00 | 29.03 0.52 0.00 | 25.26 0.51 0.00 | 25.46 0.49 0.00 | 29.28 0.73 0.00 | 27.52 0.49 0.00 | 26.33 0.70 0.00 | 25.44 0.52 0.00 | 27.04 0.69 0.00 | 27.64 0.76 0.00 | 27.46 0.50 0.00 | 30.48 0.52 0.00 | 35.33 0.82 0.00 | 33.89 0.77 0.00 | 35.47 0.79 0.00 | 34.14 0.80 0.00 | 30.54 0.53 0.00 |
| HIGH FALLS___HY 23754 | 24.96 0.48 0.00 | 28.41 0.45 0.00 | 26.75 0.43 0.00 | 27.16 0.40 0.00 | 25.72 0.43 0.00 | 27.59 0.50 0.00 | 38.58 0.56 0.00 | 38.64 0.85 0.00 | 29.44 0.93 0.00 | 25.58 0.83 0.00 | 25.86 0.89 0.00 | 29.52 0.95 -0.02 | 28.07 0.96 -0.08 | 26.45 0.80 -0.02 | 25.76 0.83 0.00 | 27.21 0.86 0.00 | 27.61 0.73 0.00 | 27.69 0.72 0.00 | 30.77 0.80 0.00 | 35.44 0.94 0.00 | 33.97 0.86 0.00 | 35.64 0.78 -0.18 | 34.43 0.89 -0.19 | 30.83 0.66 -0.16 |
| HIGH_RIVER___SOLAR 323847 | 25.01 0.53 0.00 | 28.55 0.58 0.00 | 26.87 0.55 0.00 | 27.33 0.56 0.00 | 25.85 0.56 0.00 | 27.71 0.62 0.00 | 38.85 0.83 0.00 | 38.57 0.77 0.00 | 28.99 0.48 0.00 | 24.92 0.17 0.00 | 24.90 -0.07 0.00 | 28.30 -0.23 0.02 | 26.73 -0.22 0.09 | 25.37 -0.24 0.02 | 24.72 -0.21 0.00 | 26.09 -0.25 0.00 | 26.70 -0.19 0.00 | 27.05 0.08 0.00 | 30.47 0.50 0.00 | 35.44 0.93 0.00 | 34.07 0.95 0.00 | 35.42 0.95 0.20 | 33.97 0.85 0.22 | 30.57 0.73 0.17 |
| HILLBURN___GT 23639 | 24.92 0.44 0.00 | 28.35 0.39 0.00 | 26.69 0.37 0.00 | 27.10 0.34 0.00 | 25.68 0.39 0.00 | 27.55 0.46 0.00 | 38.50 0.48 0.00 | 38.54 0.74 0.00 | 29.35 0.85 0.00 | 25.50 0.74 0.00 | 25.84 0.88 0.00 | 29.54 0.95 -0.03 | 28.20 1.03 -0.13 | 26.55 0.89 -0.03 | 25.89 0.96 0.00 | 27.26 0.91 0.00 | 27.74 0.86 0.00 | 27.80 0.83 0.00 | 30.76 0.79 0.00 | 35.34 0.84 0.00 | 33.90 0.78 0.00 | 35.69 0.71 -0.30 | 34.38 0.71 -0.33 | 30.82 0.54 -0.26 |
| HILLSIDE_115KV_TB1 80332 | 24.33 -0.15 0.00 | 27.87 -0.09 0.00 | 26.14 -0.18 0.00 | 26.54 -0.22 0.00 | 24.99 -0.30 0.00 | 26.99 -0.10 0.00 | 38.09 0.07 0.00 | 37.71 -0.08 0.00 | 28.66 0.16 0.00 | 24.94 0.18 0.00 | 25.13 0.17 0.00 | 28.89 0.34 0.00 | 27.18 0.15 0.00 | 25.99 0.36 0.00 | 25.11 0.17 0.00 | 26.66 0.31 0.00 | 27.23 0.35 0.00 | 27.08 0.12 0.00 | 30.07 0.11 0.00 | 34.84 0.34 0.00 | 33.42 0.30 0.00 | 34.97 0.29 0.00 | 33.67 0.32 0.00 | 30.09 0.08 0.00 |

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| HISHELDN_WT_PWR 323625 | 24.34 -0.14 0.00 | 28.08 0.12 0.00 | 26.24 -0.08 0.00 | 26.66 -0.10 0.00 | 24.96 -0.33 0.00 | 27.00 -0.09 0.00 | 38.10 0.08 0.00 | 37.45 -0.34 0.00 | 28.57 0.07 0.00 | 24.90 0.14 0.00 | 25.15 0.19 0.00 | 29.03 0.48 0.00 | 27.22 0.19 0.00 | 26.16 0.52 0.00 | 25.32 0.39 0.00 | 26.99 0.64 0.00 | 27.51 0.63 0.00 | 27.10 0.14 0.00 | 29.98 0.01 0.00 | 34.66 0.16 0.00 | 33.39 0.27 0.00 | 35.19 0.51 0.00 | 33.99 0.65 0.00 | 30.64 0.63 0.00 |
| HOLTSVILLE_IC_1 23690 | 24.74 0.27 0.00 | 28.11 0.15 0.00 | 26.47 0.15 0.00 | 26.81 0.05 0.00 | 25.43 0.14 0.00 | 27.33 0.24 0.00 | 37.97 -0.05 0.00 | 38.03 0.24 0.00 | 29.03 0.52 0.00 | 25.38 0.63 0.00 | 25.97 1.01 0.00 | 29.70 1.11 -0.03 | 28.05 0.85 -0.16 | 26.20 0.54 -0.04 | 25.68 0.75 0.00 | 26.90 0.55 0.00 | 27.36 0.48 0.00 | 24.44 0.37 2.89 | 30.29 0.32 0.00 | 34.77 0.27 0.00 | 26.49 0.17 6.79 | 35.24 0.20 -0.37 | 33.98 0.24 -0.40 | 30.54 0.21 -0.32 |
| HOLTSVILLE_IC_10 23699 | 24.84 0.36 0.00 | 28.20 0.24 0.00 | 26.56 0.24 0.00 | 26.91 0.14 0.00 | 25.51 0.22 0.00 | 27.43 0.34 0.00 | 38.11 0.09 0.00 | 38.19 0.39 0.00 | 29.17 0.66 0.00 | 25.51 0.76 0.00 | 26.10 1.14 0.00 | 29.83 1.25 -0.03 | 28.14 0.94 -0.16 | 26.32 0.65 -0.04 | 25.83 0.90 0.00 | 27.06 0.71 0.00 | 27.54 0.65 0.00 | 24.64 0.55 2.87 | 30.47 0.50 0.00 | 34.98 0.48 0.00 | 26.74 0.37 6.74 | 35.44 0.40 -0.37 | 34.15 0.41 -0.40 | 30.68 0.35 -0.32 |
| HOLTSVILLE_IC_2 23691 | 24.74 0.27 0.00 | 28.11 0.15 0.00 | 26.47 0.15 0.00 | 26.81 0.05 0.00 | 25.43 0.14 0.00 | 27.33 0.24 0.00 | 37.97 -0.05 0.00 | 38.03 0.24 0.00 | 29.03 0.52 0.00 | 25.38 0.63 0.00 | 25.97 1.01 0.00 | 29.70 1.11 -0.03 | 28.05 0.85 -0.16 | 26.20 0.54 -0.04 | 25.68 0.75 0.00 | 26.90 0.55 0.00 | 27.36 0.48 0.00 | 24.44 0.37 2.89 | 30.29 0.32 0.00 | 34.77 0.27 0.00 | 26.49 0.17 6.79 | 35.24 0.20 -0.37 | 33.98 0.24 -0.40 | 30.54 0.21 -0.32 |
| HOLTSVILLE_IC_3 23692 | 24.74 0.27 0.00 | 28.11 0.15 0.00 | 26.47 0.15 0.00 | 26.81 0.05 0.00 | 25.43 0.14 0.00 | 27.33 0.24 0.00 | 37.97 -0.05 0.00 | 38.03 0.24 0.00 | 29.03 0.52 0.00 | 25.38 0.63 0.00 | 25.97 1.01 0.00 | 29.70 1.11 -0.03 | 28.05 0.85 -0.16 | 26.20 0.54 -0.04 | 25.68 0.75 0.00 | 26.90 0.55 0.00 | 27.36 0.48 0.00 | 24.44 0.37 2.89 | 30.29 0.32 0.00 | 34.77 0.27 0.00 | 26.49 0.17 6.79 | 35.24 0.20 -0.37 | 33.98 0.24 -0.40 | 30.54 0.21 -0.32 |
| HOLTSVILLE_IC_4 23693 | 24.74 0.27 0.00 | 28.11 0.15 0.00 | 26.47 0.15 0.00 | 26.81 0.05 0.00 | 25.43 0.14 0.00 | 27.33 0.24 0.00 | 37.97 -0.05 0.00 | 38.03 0.24 0.00 | 29.03 0.52 0.00 | 25.38 0.63 0.00 | 25.97 1.01 0.00 | 29.70 1.11 -0.03 | 28.05 0.85 -0.16 | 26.20 0.54 -0.04 | 25.68 0.75 0.00 | 26.90 0.55 0.00 | 27.36 0.48 0.00 | 24.44 0.37 2.89 | 30.29 0.32 0.00 | 34.77 0.27 0.00 | 26.49 0.17 6.79 | 35.24 0.20 -0.37 | 33.98 0.24 -0.40 | 30.54 0.21 -0.32 |
| HOLTSVILLE_IC_5 23694 | 24.74 0.27 0.00 | 28.11 0.15 0.00 | 26.47 0.15 0.00 | 26.81 0.05 0.00 | 25.43 0.14 0.00 | 27.33 0.24 0.00 | 37.97 -0.05 0.00 | 38.03 0.24 0.00 | 29.03 0.52 0.00 | 25.38 0.63 0.00 | 25.97 1.01 0.00 | 29.70 1.11 -0.03 | 28.05 0.85 -0.16 | 26.20 0.54 -0.04 | 25.68 0.75 0.00 | 26.90 0.55 0.00 | 27.36 0.48 0.00 | 24.44 0.37 2.89 | 30.29 0.32 0.00 | 34.77 0.27 0.00 | 26.49 0.17 6.79 | 35.24 0.20 -0.37 | 33.98 0.24 -0.40 | 30.54 0.21 -0.32 |
| HOLTSVILLE_IC_6 23695 | 24.84 0.36 0.00 | 28.20 0.24 0.00 | 26.56 0.24 0.00 | 26.91 0.14 0.00 | 25.51 0.22 0.00 | 27.43 0.34 0.00 | 38.11 0.09 0.00 | 38.19 0.39 0.00 | 29.17 0.66 0.00 | 25.51 0.76 0.00 | 26.10 1.14 0.00 | 29.83 1.25 -0.03 | 28.14 0.94 -0.16 | 26.32 0.65 -0.04 | 25.83 0.90 0.00 | 27.06 0.71 0.00 | 27.54 0.65 0.00 | 24.64 0.55 2.87 | 30.47 0.50 0.00 | 34.98 0.48 0.00 | 26.74 0.37 6.74 | 35.44 0.40 -0.37 | 34.15 0.41 -0.40 | 30.68 0.35 -0.32 |
| HOLTSVILLE_IC_7 23696 | 24.84 0.36 0.00 | 28.20 0.24 0.00 | 26.56 0.24 0.00 | 26.91 0.14 0.00 | 25.51 0.22 0.00 | 27.43 0.34 0.00 | 38.11 0.09 0.00 | 38.19 0.39 0.00 | 29.17 0.66 0.00 | 25.51 0.76 0.00 | 26.10 1.14 0.00 | 29.83 1.25 -0.03 | 28.14 0.94 -0.16 | 26.32 0.65 -0.04 | 25.83 0.90 0.00 | 27.06 0.71 0.00 | 27.54 0.65 0.00 | 24.64 0.55 2.87 | 30.47 0.50 0.00 | 34.98 0.48 0.00 | 26.74 0.37 6.74 | 35.44 0.40 -0.37 | 34.15 0.41 -0.40 | 30.68 0.35 -0.32 |
| HOLTSVILLE_IC_8 23697 | 24.84 0.36 0.00 | 28.20 0.24 0.00 | 26.56 0.24 0.00 | 26.91 0.14 0.00 | 25.51 0.22 0.00 | 27.43 0.34 0.00 | 38.11 0.09 0.00 | 38.19 0.39 0.00 | 29.17 0.66 0.00 | 25.51 0.76 0.00 | 26.10 1.14 0.00 | 29.83 1.25 -0.03 | 28.14 0.94 -0.16 | 26.32 0.65 -0.04 | 25.83 0.90 0.00 | 27.06 0.71 0.00 | 27.54 0.65 0.00 | 24.64 0.55 2.87 | 30.47 0.50 0.00 | 34.98 0.48 0.00 | 26.74 0.37 6.74 | 35.44 0.40 -0.37 | 34.15 0.41 -0.40 | 30.68 0.35 -0.32 |
| HOLTSVILLE_IC_9 23698 | 24.84 0.36 0.00 | 28.20 0.24 0.00 | 26.56 0.24 0.00 | 26.91 0.14 0.00 | 25.51 0.22 0.00 | 27.43 0.34 0.00 | 38.11 0.09 0.00 | 38.19 0.39 0.00 | 29.17 0.66 0.00 | 25.51 0.76 0.00 | 26.10 1.14 0.00 | 29.83 1.25 -0.03 | 28.14 0.94 -0.16 | 26.32 0.65 -0.04 | 25.83 0.90 0.00 | 27.06 0.71 0.00 | 27.54 0.65 0.00 | 24.64 0.55 2.87 | 30.47 0.50 0.00 | 34.98 0.48 0.00 | 26.74 0.37 6.74 | 35.44 0.40 -0.37 | 34.15 0.41 -0.40 | 30.68 0.35 -0.32 |
| HOMER_HL_115KV_TB2 355744 | 24.48 0.00 0.00 | 28.20 0.24 0.00 | 26.34 0.03 0.00 | 26.74 -0.03 0.00 | 25.04 -0.25 0.00 | 27.15 0.06 0.00 | 38.59 0.57 0.00 | 38.01 0.21 0.00 | 28.99 0.48 0.00 | 25.27 0.52 0.00 | 25.38 0.41 0.00 | 29.27 0.72 0.00 | 27.60 0.57 0.00 | 26.53 0.89 0.00 | 25.64 0.71 0.00 | 27.24 0.89 0.00 | 27.68 0.80 0.00 | 27.24 0.28 0.00 | 30.04 0.07 0.00 | 34.75 0.25 0.00 | 33.46 0.35 0.00 | 35.19 0.51 0.00 | 34.05 0.71 0.00 | 30.57 0.56 0.00 |
| HOWARD_WT_PWR 323690 | 24.71 0.23 0.00 | 28.41 0.44 0.00 | 26.61 0.30 0.00 | 27.03 0.27 0.00 | 25.40 0.11 0.00 | 27.47 0.38 0.00 | 38.86 0.84 0.00 | 38.32 0.53 0.00 | 29.15 0.64 0.00 | 25.35 0.60 0.00 | 25.54 0.58 0.00 | 29.46 0.91 0.00 | 27.61 0.58 0.00 | 26.45 0.82 0.00 | 25.51 0.58 0.00 | 27.21 0.86 0.00 | 27.80 0.91 0.00 | 27.54 0.58 0.00 | 30.59 0.63 0.00 | 35.43 0.92 0.00 | 34.09 0.98 0.00 | 35.80 1.12 0.00 | 34.47 1.14 0.00 | 30.89 0.88 0.00 |
| HQ_GEN_CEDARS 23644 | 25.37 0.89 0.00 | 29.03 1.07 0.00 | 27.31 0.99 0.00 | 27.77 1.01 0.00 | 26.18 0.89 0.00 | 28.02 0.93 0.00 | 39.47 1.45 0.00 | 39.16 1.37 0.00 | 29.34 0.84 0.00 | 25.46 0.71 0.00 | 25.66 0.70 0.00 | 29.45 0.89 0.00 | 27.86 0.83 0.00 | 26.38 0.75 0.00 | 25.60 0.67 0.00 | 27.13 0.78 0.00 | 27.71 0.82 0.00 | 27.70 0.74 0.00 | 30.79 0.83 0.00 | 35.53 1.02 0.00 | 34.16 1.04 0.00 | 35.89 1.22 0.00 | 34.54 1.20 0.00 | 31.19 1.18 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 25.37 0.89 0.00 | 29.03 1.07 0.00 | 27.31 0.99 0.00 | 27.77 1.01 0.00 | 26.18 0.89 0.00 | 28.02 0.93 0.00 | 39.62 1.45 -0.15 | 39.16 1.37 0.00 | 29.34 0.84 0.00 | 25.46 0.71 0.00 | 25.66 0.69 0.00 | 29.45 0.89 0.00 | 27.86 0.82 0.00 | 26.39 0.75 0.00 | 25.60 0.67 0.00 | 27.13 0.78 0.00 | 27.71 0.82 0.00 | 27.70 0.74 0.00 | 30.79 0.83 0.00 | 35.52 1.02 0.00 | 34.16 1.04 0.00 | 35.89 1.22 0.00 | 34.54 1.20 0.00 | 31.19 1.18 0.00 |

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| HQ_GEN_IMPORT 323601 | 24.79 0.31 0.00 | 28.34 0.38 0.00 | 26.67 0.35 0.00 | 27.11 0.35 0.00 | 25.61 0.32 0.00 | 27.33 0.32 0.08 | 38.53 0.51 0.00 | 38.27 0.47 0.00 | 28.81 0.30 0.00 | 25.02 0.26 0.00 | 25.22 0.26 0.00 | 28.91 0.35 0.00 | 27.35 0.32 0.00 | 25.92 0.29 0.00 | 25.19 0.26 0.00 | 26.66 0.31 0.00 | 27.22 0.33 0.00 | 27.28 0.31 0.00 | 30.30 0.33 0.00 | 34.88 0.38 0.00 | 33.48 0.36 0.00 | 35.10 0.42 0.00 | 33.74 0.40 0.00 | 30.43 0.42 0.00 |
| HQ_GEN_WHEEL 23651 | 24.79 0.31 0.00 | 28.34 0.38 0.00 | 26.67 0.35 0.00 | 27.11 0.35 0.00 | 25.61 0.32 0.00 | 27.33 0.32 0.08 | 38.53 0.51 0.00 | 38.27 0.47 0.00 | 28.81 0.30 0.00 | 25.02 0.26 0.00 | 25.22 0.26 0.00 | 28.91 0.35 0.00 | 27.35 0.32 0.00 | 25.92 0.29 0.00 | 25.19 0.26 0.00 | 26.66 0.31 0.00 | 27.22 0.33 0.00 | 27.28 0.31 0.00 | 30.30 0.33 0.00 | 34.88 0.38 0.00 | 33.48 0.36 0.00 | 35.10 0.42 0.00 | 33.74 0.40 0.00 | 30.43 0.42 0.00 |
| HUDSON AVE_GT_3 23810 | 25.07 0.59 0.00 | 28.48 0.52 0.00 | 26.89 0.57 0.00 | 27.30 0.54 0.00 | 25.89 0.60 0.00 | 27.76 0.67 0.00 | 38.76 0.74 0.00 | 38.86 1.06 0.00 | 29.65 1.14 0.00 | 25.72 0.97 0.00 | 26.09 1.13 0.00 | 29.80 1.22 -0.03 | 28.47 1.28 -0.16 | 26.79 1.12 -0.04 | 26.13 1.20 0.00 | 27.50 1.16 0.00 | 28.00 1.12 0.00 | 28.02 1.06 0.00 | 30.96 1.00 0.00 | 35.53 1.02 0.00 | 34.02 0.91 0.00 | 35.89 0.84 -0.37 | 34.55 0.81 -0.40 | 30.94 0.61 -0.32 |
| HUDSON AVE_GT_4 23540 | 25.07 0.59 0.00 | 28.48 0.52 0.00 | 26.89 0.57 0.00 | 27.30 0.54 0.00 | 25.89 0.60 0.00 | 27.76 0.67 0.00 | 38.76 0.74 0.00 | 38.86 1.06 0.00 | 29.65 1.14 0.00 | 25.72 0.97 0.00 | 26.09 1.13 0.00 | 29.80 1.22 -0.03 | 28.47 1.28 -0.16 | 26.79 1.12 -0.04 | 26.13 1.20 0.00 | 27.50 1.16 0.00 | 28.00 1.12 0.00 | 28.02 1.06 0.00 | 30.96 1.00 0.00 | 35.53 1.02 0.00 | 34.02 0.91 0.00 | 35.89 0.84 -0.37 | 34.55 0.81 -0.40 | 30.94 0.61 -0.32 |
| HUDSON AVE_GT_5 23657 | 25.07 0.59 0.00 | 28.48 0.52 0.00 | 26.89 0.57 0.00 | 27.30 0.54 0.00 | 25.89 0.60 0.00 | 27.76 0.67 0.00 | 38.76 0.74 0.00 | 38.86 1.06 0.00 | 29.65 1.14 0.00 | 25.72 0.97 0.00 | 26.09 1.13 0.00 | 29.80 1.22 -0.03 | 28.47 1.28 -0.16 | 26.79 1.12 -0.04 | 26.13 1.20 0.00 | 27.50 1.16 0.00 | 28.00 1.12 0.00 | 28.02 1.06 0.00 | 30.96 1.00 0.00 | 35.53 1.02 0.00 | 34.02 0.91 0.00 | 35.89 0.84 -0.37 | 34.55 0.81 -0.40 | 30.94 0.61 -0.32 |
| HUDSON_AVE_10 24168 | 25.00 0.52 0.00 | 28.38 0.42 0.00 | 26.80 0.48 0.00 | 27.21 0.45 0.00 | 25.81 0.53 0.00 | 27.68 0.59 0.00 | 38.60 0.58 0.00 | 38.72 0.92 0.00 | 29.54 1.03 0.00 | 25.63 0.88 0.00 | 25.98 1.02 0.00 | 29.69 1.10 -0.03 | 28.37 1.18 -0.16 | 26.70 1.03 -0.04 | 26.04 1.11 0.00 | 27.41 1.06 0.00 | 27.90 1.01 0.00 | 27.92 0.96 0.00 | 30.85 0.88 0.00 | 35.39 0.89 0.00 | 33.90 0.78 0.00 | 35.75 0.70 -0.37 | 34.42 0.68 -0.40 | 30.83 0.50 -0.32 |
| HUDSON___115KV_TB 4 355613 | 24.88 0.40 0.00 | 28.34 0.38 0.00 | 26.72 0.40 0.00 | 27.19 0.43 0.00 | 25.73 0.44 0.00 | 27.56 0.47 0.00 | 38.45 0.43 0.00 | 38.33 0.53 0.00 | 28.95 0.44 0.00 | 25.00 0.25 0.00 | 25.10 0.13 0.00 | 28.52 -0.02 0.01 | 27.02 0.06 0.07 | 25.63 0.01 0.02 | 25.00 0.07 0.00 | 26.36 0.01 0.00 | 26.90 0.02 0.00 | 27.16 0.19 0.00 | 30.40 0.44 0.00 | 35.04 0.54 0.00 | 33.70 0.58 0.00 | 35.10 0.59 0.17 | 33.65 0.49 0.18 | 30.28 0.41 0.14 |
| HUNTER MOUNT___DRP 323613 | 24.97 0.49 0.00 | 28.45 0.49 0.00 | 26.82 0.49 0.00 | 27.29 0.52 0.00 | 25.83 0.54 0.00 | 27.67 0.58 0.00 | 38.62 0.60 0.00 | 38.51 0.71 0.00 | 29.09 0.59 0.00 | 25.11 0.35 0.00 | 25.15 0.19 0.00 | 28.58 0.04 0.01 | 27.11 0.12 0.04 | 25.68 0.06 0.01 | 25.03 0.11 0.00 | 26.40 0.05 0.00 | 26.97 0.08 0.00 | 27.26 0.30 0.00 | 30.58 0.61 0.00 | 35.24 0.74 0.00 | 33.90 0.78 0.00 | 35.39 0.82 0.10 | 33.91 0.68 0.11 | 30.51 0.59 0.09 |
| HUNTINGTON_RES_REC 323705 | 24.84 0.36 0.00 | 28.24 0.28 0.00 | 26.58 0.27 0.00 | 26.94 0.17 0.00 | 25.54 0.25 0.00 | 27.45 0.36 0.00 | 38.19 0.17 0.00 | 38.25 0.46 0.00 | 29.20 0.69 0.00 | 25.51 0.76 0.00 | 26.10 1.14 0.00 | 29.85 1.27 -0.03 | 28.19 0.99 -0.16 | 26.31 0.64 -0.04 | 25.79 0.86 0.00 | 27.00 0.65 0.00 | 27.47 0.59 0.00 | 24.59 0.50 2.86 | 30.44 0.47 0.00 | 34.92 0.41 0.00 | 26.69 0.30 6.73 | 35.35 0.30 -0.37 | 34.13 0.39 -0.40 | 30.70 0.36 -0.32 |
| HUNTLEY___63 23557 | 24.39 -0.09 0.00 | 28.17 0.21 0.00 | 26.31 -0.01 0.00 | 26.74 -0.02 0.00 | 24.97 -0.31 0.00 | 27.02 -0.07 0.00 | 38.10 0.08 0.00 | 37.38 -0.41 0.00 | 28.58 0.08 0.00 | 24.95 0.20 0.00 | 25.27 0.31 0.00 | 29.22 0.67 0.00 | 27.40 0.37 0.00 | 26.40 0.76 0.00 | 25.60 0.67 0.00 | 27.22 0.87 0.00 | 27.73 0.84 0.00 | 27.18 0.22 0.00 | 29.95 -0.02 0.00 | 34.58 0.07 0.00 | 33.34 0.22 0.00 | 35.22 0.55 0.00 | 34.09 0.75 0.00 | 30.88 0.86 0.00 |
| HUNTLEY___64 23558 | 24.39 -0.09 0.00 | 28.17 0.21 0.00 | 26.31 -0.01 0.00 | 26.74 -0.02 0.00 | 24.97 -0.31 0.00 | 27.02 -0.07 0.00 | 38.10 0.08 0.00 | 37.38 -0.41 0.00 | 28.58 0.08 0.00 | 24.95 0.20 0.00 | 25.27 0.31 0.00 | 29.22 0.67 0.00 | 27.40 0.37 0.00 | 26.40 0.76 0.00 | 25.60 0.67 0.00 | 27.22 0.87 0.00 | 27.73 0.84 0.00 | 27.18 0.22 0.00 | 29.95 -0.02 0.00 | 34.58 0.07 0.00 | 33.34 0.22 0.00 | 35.22 0.55 0.00 | 34.09 0.75 0.00 | 30.88 0.86 0.00 |
| HUNTLEY___65 23559 | 24.39 -0.09 0.00 | 28.17 0.21 0.00 | 26.31 -0.01 0.00 | 26.74 -0.02 0.00 | 24.97 -0.31 0.00 | 27.02 -0.07 0.00 | 38.10 0.08 0.00 | 37.38 -0.41 0.00 | 28.58 0.08 0.00 | 24.95 0.20 0.00 | 25.27 0.31 0.00 | 29.22 0.67 0.00 | 27.40 0.37 0.00 | 26.40 0.76 0.00 | 25.60 0.67 0.00 | 27.22 0.87 0.00 | 27.73 0.84 0.00 | 27.18 0.22 0.00 | 29.95 -0.02 0.00 | 34.58 0.07 0.00 | 33.34 0.22 0.00 | 35.22 0.55 0.00 | 34.09 0.75 0.00 | 30.88 0.86 0.00 |
| HUNTLEY___66 23560 | 24.39 -0.09 0.00 | 28.17 0.21 0.00 | 26.31 -0.01 0.00 | 26.74 -0.02 0.00 | 24.97 -0.31 0.00 | 27.02 -0.07 0.00 | 38.10 0.08 0.00 | 37.38 -0.41 0.00 | 28.58 0.08 0.00 | 24.95 0.20 0.00 | 25.27 0.31 0.00 | 29.22 0.67 0.00 | 27.40 0.37 0.00 | 26.40 0.76 0.00 | 25.60 0.67 0.00 | 27.22 0.87 0.00 | 27.73 0.84 0.00 | 27.18 0.22 0.00 | 29.95 -0.02 0.00 | 34.58 0.07 0.00 | 33.34 0.22 0.00 | 35.22 0.55 0.00 | 34.09 0.75 0.00 | 30.88 0.86 0.00 |
| HUNTLEY___67 23561 | 24.17 -0.31 0.00 | 27.93 -0.03 0.00 | 26.10 -0.21 0.00 | 26.53 -0.23 0.00 | 24.78 -0.51 0.00 | 26.81 -0.28 0.00 | 37.81 -0.21 0.00 | 37.09 -0.71 0.00 | 28.33 -0.18 0.00 | 24.72 -0.03 0.00 | 25.01 0.05 0.00 | 28.92 0.37 0.00 | 27.15 0.12 0.00 | 26.16 0.53 0.00 | 25.36 0.43 0.00 | 26.97 0.63 0.00 | 27.47 0.59 0.00 | 26.98 0.02 0.00 | 29.74 -0.23 0.00 | 34.35 -0.16 0.00 | 33.09 -0.03 0.00 | 34.95 0.28 0.00 | 33.81 0.47 0.00 | 30.56 0.54 0.00 |
| HUNTLEY___68 23562 | 24.17 -0.31 0.00 | 27.93 -0.03 0.00 | 26.10 -0.21 0.00 | 26.53 -0.23 0.00 | 24.78 -0.51 0.00 | 26.81 -0.28 0.00 | 37.81 -0.21 0.00 | 37.09 -0.71 0.00 | 28.33 -0.18 0.00 | 24.72 -0.03 0.00 | 25.01 0.05 0.00 | 28.92 0.37 0.00 | 27.15 0.12 0.00 | 26.16 0.53 0.00 | 25.36 0.43 0.00 | 26.97 0.63 0.00 | 27.47 0.59 0.00 | 26.98 0.02 0.00 | 29.74 -0.23 0.00 | 34.35 -0.16 0.00 | 33.09 -0.03 0.00 | 34.95 0.28 0.00 | 33.81 0.47 0.00 | 30.56 0.54 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HYLAND___LFGE 323620 | 25.72 1.24 0.00 | 29.54 1.58 0.00 | 27.65 1.33 0.00 | 28.09 1.33 0.00 | 26.39 1.10 0.00 | 28.52 1.43 0.00 | 40.45 2.43 0.00 | 39.88 2.09 0.00 | 30.25 1.75 0.00 | 26.22 1.47 0.00 | 26.32 1.35 0.00 | 30.23 1.68 0.00 | 28.20 1.16 0.00 | 26.89 1.26 0.00 | 26.02 1.09 0.00 | 27.81 1.46 0.00 | 28.49 1.61 0.00 | 28.44 1.48 0.00 | 31.75 1.78 0.00 | 36.92 2.42 0.00 | 35.63 2.51 0.00 | 37.42 2.74 0.00 | 35.88 2.54 0.00 | 32.15 2.14 0.00 |
| INDECK___CORINTH 23802 | 25.09 0.61 0.00 | 28.51 0.55 0.00 | 26.79 0.47 0.00 | 27.28 0.52 0.00 | 25.88 0.58 0.00 | 27.76 0.67 0.00 | 38.88 0.87 0.00 | 38.64 0.84 0.00 | 29.09 0.59 0.00 | 25.10 0.35 0.00 | 25.21 0.25 0.00 | 28.80 0.27 0.02 | 27.17 0.26 0.12 | 25.63 0.02 0.03 | 24.99 0.06 0.00 | 26.37 0.02 0.00 | 27.04 0.15 0.00 | 27.47 0.51 0.00 | 30.98 1.01 0.00 | 35.56 1.05 0.00 | 34.07 0.95 0.00 | 35.42 1.01 0.27 | 33.89 0.85 0.30 | 30.56 0.78 0.24 |
| INDECK___ILION 23567 | 24.47 -0.01 0.00 | 27.88 -0.07 0.00 | 26.27 -0.04 0.00 | 26.73 -0.04 0.00 | 25.33 0.03 0.00 | 27.14 0.06 0.00 | 37.99 -0.03 0.00 | 37.80 0.01 0.00 | 28.58 0.07 0.00 | 24.69 -0.06 0.00 | 24.80 -0.16 0.00 | 28.28 -0.28 0.00 | 26.74 -0.29 0.00 | 25.37 -0.27 0.00 | 24.70 -0.23 0.00 | 26.05 -0.30 0.00 | 26.61 -0.28 0.00 | 26.83 -0.13 0.00 | 30.06 0.09 0.00 | 34.77 0.27 0.00 | 33.38 0.26 0.00 | 34.90 0.22 0.00 | 33.49 0.15 0.00 | 30.05 0.04 0.00 |
| INDECK___OLEAN 23982 | 24.48 0.00 0.00 | 28.20 0.24 0.00 | 26.34 0.02 0.00 | 26.74 -0.03 0.00 | 25.04 -0.25 0.00 | 27.15 0.06 0.00 | 38.59 0.57 0.00 | 38.01 0.21 0.00 | 28.99 0.48 0.00 | 25.27 0.52 0.00 | 25.38 0.41 0.00 | 29.27 0.72 0.00 | 27.60 0.57 0.00 | 26.51 0.88 0.00 | 25.61 0.68 0.00 | 27.24 0.89 0.00 | 27.68 0.80 0.00 | 27.22 0.25 0.00 | 30.05 0.08 0.00 | 34.75 0.25 0.00 | 33.47 0.35 0.00 | 35.19 0.51 0.00 | 34.05 0.71 0.00 | 30.56 0.55 0.00 |
| INDECK___OSWEGO 23783 | 23.92 -0.56 0.00 | 27.35 -0.61 0.00 | 25.72 -0.60 0.00 | 26.16 -0.60 0.00 | 24.71 -0.58 0.00 | 26.48 -0.60 0.00 | 37.30 -0.72 0.00 | 37.00 -0.79 0.00 | 27.82 -0.69 0.00 | 24.18 -0.57 0.00 | 24.36 -0.61 0.00 | 27.83 -0.73 0.00 | 26.31 -0.72 0.00 | 24.98 -0.66 0.00 | 24.27 -0.66 0.00 | 25.66 -0.69 0.00 | 26.17 -0.72 0.00 | 26.24 -0.72 0.00 | 29.21 -0.76 0.00 | 33.73 -0.78 0.00 | 32.40 -0.72 0.00 | 33.95 -0.73 0.00 | 32.64 -0.70 0.00 | 29.34 -0.67 0.00 |
| INDECK___YERKES 23781 | 24.42 -0.06 0.00 | 28.20 0.24 0.00 | 26.34 0.02 0.00 | 26.78 0.01 0.00 | 25.01 -0.28 0.00 | 27.05 -0.04 0.00 | 38.15 0.13 0.00 | 37.43 -0.36 0.00 | 28.62 0.12 0.00 | 24.98 0.23 0.00 | 25.30 0.34 0.00 | 29.26 0.70 0.00 | 27.44 0.40 0.00 | 26.41 0.78 0.00 | 25.61 0.67 0.00 | 27.27 0.92 0.00 | 27.77 0.88 0.00 | 27.19 0.23 0.00 | 30.02 0.05 0.00 | 34.63 0.12 0.00 | 33.39 0.27 0.00 | 35.27 0.59 0.00 | 34.13 0.79 0.00 | 30.91 0.90 0.00 |
| INDIAN POINT_GT_1 24139 | 24.87 0.39 0.00 | 28.28 0.31 0.00 | 26.66 0.34 0.00 | 27.07 0.31 0.00 | 25.66 0.37 0.00 | 27.51 0.42 0.00 | 38.41 0.40 0.00 | 38.46 0.66 0.00 | 29.29 0.79 0.00 | 25.43 0.68 0.00 | 25.77 0.81 0.00 | 29.45 0.87 -0.03 | 28.12 0.93 -0.15 | 26.45 0.78 -0.04 | 25.79 0.86 0.00 | 27.16 0.81 0.00 | 27.64 0.75 0.00 | 27.69 0.73 0.00 | 30.66 0.69 0.00 | 35.20 0.70 0.00 | 33.75 0.63 0.00 | 35.59 0.56 -0.35 | 34.27 0.55 -0.38 | 30.73 0.41 -0.30 |
| INDIAN POINT_GT_2 23659 | 24.87 0.39 0.00 | 28.28 0.31 0.00 | 26.66 0.34 0.00 | 27.07 0.31 0.00 | 25.66 0.37 0.00 | 27.51 0.42 0.00 | 38.41 0.40 0.00 | 38.46 0.66 0.00 | 29.29 0.79 0.00 | 25.43 0.68 0.00 | 25.77 0.81 0.00 | 29.45 0.87 -0.03 | 28.12 0.93 -0.15 | 26.45 0.78 -0.04 | 25.79 0.86 0.00 | 27.16 0.81 0.00 | 27.64 0.75 0.00 | 27.69 0.73 0.00 | 30.66 0.69 0.00 | 35.20 0.70 0.00 | 33.75 0.63 0.00 | 35.59 0.56 -0.35 | 34.27 0.55 -0.38 | 30.73 0.41 -0.30 |
| INDIAN POINT_GT_3 24019 | 24.87 0.39 0.00 | 28.28 0.31 0.00 | 26.66 0.34 0.00 | 27.07 0.31 0.00 | 25.66 0.37 0.00 | 27.51 0.42 0.00 | 38.41 0.40 0.00 | 38.46 0.66 0.00 | 29.29 0.79 0.00 | 25.43 0.68 0.00 | 25.77 0.81 0.00 | 29.45 0.87 -0.03 | 28.12 0.93 -0.15 | 26.45 0.78 -0.04 | 25.79 0.86 0.00 | 27.16 0.81 0.00 | 27.64 0.75 0.00 | 27.69 0.73 0.00 | 30.66 0.69 0.00 | 35.20 0.70 0.00 | 33.75 0.63 0.00 | 35.59 0.56 -0.35 | 34.27 0.55 -0.38 | 30.73 0.41 -0.30 |
| INDIAN POINT___2 23530 | 24.84 0.36 0.00 | 28.27 0.31 0.00 | 26.64 0.32 0.00 | 27.05 0.29 0.00 | 25.63 0.34 0.00 | 27.48 0.39 0.00 | 38.38 0.36 0.00 | 38.42 0.63 0.00 | 29.26 0.76 0.00 | 25.41 0.66 0.00 | 25.75 0.79 0.00 | 29.43 0.84 -0.03 | 28.09 0.91 -0.15 | 26.44 0.78 -0.03 | 25.79 0.86 0.00 | 27.14 0.79 0.00 | 27.62 0.73 0.00 | 27.67 0.71 0.00 | 30.62 0.65 0.00 | 35.18 0.67 0.00 | 33.73 0.61 0.00 | 35.55 0.54 -0.33 | 34.25 0.55 -0.36 | 30.71 0.41 -0.29 |
| INDIAN POINT___3 23531 | 24.85 0.37 0.00 | 28.27 0.31 0.00 | 26.64 0.32 0.00 | 27.06 0.30 0.00 | 25.64 0.35 0.00 | 27.49 0.40 0.00 | 38.39 0.37 0.00 | 38.44 0.64 0.00 | 29.27 0.76 0.00 | 25.41 0.66 0.00 | 25.75 0.79 0.00 | 29.43 0.84 -0.03 | 28.09 0.91 -0.15 | 26.44 0.77 -0.04 | 25.78 0.85 0.00 | 27.15 0.79 0.00 | 27.62 0.74 0.00 | 27.67 0.70 0.00 | 30.63 0.66 0.00 | 35.18 0.68 0.00 | 33.73 0.61 0.00 | 35.57 0.54 -0.35 | 34.26 0.54 -0.38 | 30.72 0.40 -0.30 |
| INGHAM_C_115KV_TB7 356103 | 24.53 0.05 0.00 | 27.88 -0.08 0.00 | 26.28 -0.04 0.00 | 26.76 -0.01 0.00 | 25.42 0.13 0.00 | 27.27 0.18 0.00 | 38.03 0.01 0.00 | 37.86 0.07 0.00 | 28.68 0.18 0.00 | 24.62 -0.13 0.00 | 24.57 -0.39 0.00 | 27.92 -0.64 0.00 | 26.34 -0.69 0.00 | 25.00 -0.64 0.00 | 24.37 -0.56 0.00 | 25.62 -0.72 0.00 | 26.21 -0.68 0.00 | 26.60 -0.36 0.00 | 30.11 0.14 0.00 | 35.06 0.56 0.00 | 33.69 0.57 0.00 | 35.19 0.51 0.00 | 33.68 0.34 0.00 | 30.11 0.10 0.00 |
| IP CORINTH___1 23988 | 25.21 0.73 0.00 | 28.66 0.70 0.00 | 26.92 0.61 0.00 | 27.43 0.66 0.00 | 26.01 0.72 0.00 | 27.90 0.81 0.00 | 39.08 1.06 0.00 | 38.85 1.06 0.00 | 29.26 0.75 0.00 | 25.23 0.48 0.00 | 25.35 0.39 0.00 | 28.95 0.42 0.02 | 27.32 0.41 0.12 | 25.78 0.18 0.03 | 25.14 0.21 0.00 | 26.52 0.17 0.00 | 27.20 0.31 0.00 | 27.63 0.67 0.00 | 31.16 1.19 0.00 | 35.76 1.26 0.00 | 34.27 1.15 0.00 | 35.62 1.22 0.27 | 34.07 1.03 0.30 | 30.71 0.94 0.24 |
| IP___TICONDEROGA 23804 | 26.44 1.96 0.00 | 29.89 1.93 0.00 | 28.02 1.70 0.00 | 28.54 1.78 0.00 | 27.16 1.87 0.00 | 29.17 2.08 0.00 | 40.95 2.93 0.00 | 40.59 2.80 0.00 | 30.43 1.93 0.00 | 26.10 1.35 0.00 | 26.41 1.45 0.00 | 30.38 1.85 0.02 | 28.72 1.82 0.12 | 27.28 1.68 0.03 | 26.56 1.63 0.00 | 27.97 1.62 0.00 | 28.85 1.97 0.00 | 29.37 2.41 0.00 | 32.96 2.99 0.00 | 37.73 3.22 0.00 | 36.10 2.98 0.00 | 37.63 3.23 0.28 | 35.85 2.82 0.30 | 32.54 2.77 0.24 |
| ISLIP_RES_REC 323679 | 24.93 0.45 0.00 | 28.31 0.35 0.00 | 26.65 0.33 0.00 | 27.00 0.23 0.00 | 25.60 0.31 0.00 | 27.52 0.43 0.00 | 38.27 0.24 0.00 | 38.36 0.57 0.00 | 29.30 0.80 0.00 | 25.65 0.89 0.00 | 26.22 1.26 0.00 | 29.99 1.40 -0.03 | 28.29 1.10 -0.16 | 26.46 0.79 -0.04 | 25.98 1.05 0.00 | 27.22 0.86 0.00 | 27.71 0.82 0.00 | 24.82 0.71 2.86 | 30.64 0.67 0.00 | 35.17 0.67 0.00 | 26.96 0.56 6.71 | 35.63 0.58 -0.37 | 34.31 0.58 -0.40 | 30.80 0.48 -0.32 |

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| JAMAICA__27_KV_LOAD 355505 | 25.22 0.74 0.00 | 28.57 0.61 0.00 | 26.98 0.66 0.00 | 27.40 0.64 0.00 | 26.03 0.74 0.00 | 27.92 0.83 0.00 | 38.84 0.82 0.00 | 38.99 1.19 0.00 | 29.76 1.25 0.00 | 25.82 1.07 0.00 | 26.16 1.20 0.00 | 29.88 1.30 -0.03 | 28.59 1.39 -0.16 | 26.93 1.26 -0.04 | 26.23 1.30 0.00 | 27.63 1.28 0.00 | 28.10 1.21 0.00 | 28.12 1.15 0.00 | 31.06 1.09 0.00 | 35.62 1.12 0.00 | 34.14 1.03 0.00 | 36.00 0.96 -0.37 | 34.68 0.94 -0.40 | 31.06 0.73 -0.32 |
| JANIS__SOLAR 323808 | 25.10 0.62 0.00 | 28.76 0.81 0.00 | 27.03 0.72 0.00 | 27.52 0.76 0.00 | 26.01 0.71 0.00 | 27.98 0.89 0.00 | 39.54 1.52 0.00 | 39.19 1.40 0.00 | 29.02 0.51 0.00 | 25.15 0.40 0.00 | 25.44 0.47 0.00 | 29.00 0.45 0.00 | 27.31 0.27 0.00 | 25.83 0.20 0.00 | 24.84 -0.09 0.00 | 26.36 0.01 0.00 | 27.02 0.14 0.00 | 27.07 0.10 0.00 | 30.23 0.27 0.00 | 35.27 0.77 0.00 | 33.99 0.88 0.00 | 35.54 0.86 0.00 | 34.12 0.79 0.00 | 30.53 0.51 0.00 |
| JARVIS____ 23743 | 24.41 -0.07 0.00 | 27.88 -0.08 0.00 | 26.25 -0.07 0.00 | 26.71 -0.05 0.00 | 25.24 -0.05 0.00 | 27.04 -0.05 0.00 | 37.91 -0.11 0.00 | 37.71 -0.09 0.00 | 28.45 -0.06 0.00 | 24.69 -0.06 0.00 | 24.89 -0.07 0.00 | 28.44 -0.12 0.00 | 26.93 -0.11 0.00 | 25.53 -0.10 0.00 | 24.85 -0.08 0.00 | 26.25 -0.10 0.00 | 26.78 -0.11 0.00 | 26.88 -0.08 0.00 | 29.91 -0.06 0.00 | 34.43 -0.07 0.00 | 33.05 -0.06 0.00 | 34.59 -0.09 0.00 | 33.25 -0.09 0.00 | 29.92 -0.09 0.00 |
| JENNISON____1 23625 | 24.91 0.43 0.00 | 28.64 0.68 0.00 | 26.94 0.62 0.00 | 27.52 0.75 0.00 | 26.05 0.76 0.00 | 28.03 0.94 0.00 | 39.50 1.49 0.00 | 39.27 1.47 0.00 | 30.19 1.68 0.00 | 26.23 1.48 0.00 | 26.35 1.39 0.00 | 29.89 1.33 -0.01 | 28.23 1.16 -0.04 | 26.75 1.11 -0.01 | 25.92 0.99 0.00 | 27.35 1.00 0.00 | 27.96 1.07 0.00 | 28.06 1.10 0.00 | 31.35 1.39 0.00 | 36.42 1.92 0.00 | 34.86 1.74 0.00 | 36.43 1.67 -0.08 | 34.99 1.56 -0.09 | 31.18 1.09 -0.07 |
| JENNISON____2 23626 | 24.91 0.43 0.00 | 28.64 0.68 0.00 | 26.94 0.62 0.00 | 27.52 0.75 0.00 | 26.05 0.76 0.00 | 28.03 0.94 0.00 | 39.50 1.49 0.00 | 39.27 1.47 0.00 | 30.19 1.68 0.00 | 26.23 1.48 0.00 | 26.35 1.39 0.00 | 29.89 1.33 -0.01 | 28.23 1.16 -0.04 | 26.75 1.11 -0.01 | 25.92 0.99 0.00 | 27.35 1.00 0.00 | 27.96 1.07 0.00 | 28.06 1.10 0.00 | 31.35 1.39 0.00 | 36.42 1.92 0.00 | 34.86 1.74 0.00 | 36.43 1.67 -0.08 | 34.99 1.56 -0.09 | 31.18 1.09 -0.07 |
| JERICOHO_RISE_WT_PWR 323719 | 25.01 0.53 0.00 | 28.65 0.68 0.00 | 26.94 0.63 0.00 | 27.41 0.64 0.00 | 25.78 0.49 0.00 | 27.60 0.51 0.00 | 38.93 0.91 0.00 | 38.71 0.91 0.00 | 29.10 0.59 0.00 | 25.21 0.46 0.00 | 25.40 0.43 0.00 | 29.17 0.62 0.00 | 27.63 0.59 0.00 | 26.19 0.56 0.00 | 25.45 0.52 0.00 | 26.95 0.60 0.00 | 27.57 0.68 0.00 | 27.64 0.68 0.00 | 30.71 0.74 0.00 | 35.30 0.80 0.00 | 33.86 0.74 0.00 | 35.55 0.87 0.00 | 34.17 0.83 0.00 | 30.87 0.85 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 24.97 0.49 0.00 | 28.39 0.43 0.00 | 26.77 0.45 0.00 | 27.20 0.44 0.00 | 25.78 0.49 0.00 | 27.63 0.54 0.00 | 38.59 0.57 0.00 | 38.65 0.85 0.00 | 29.44 0.93 0.00 | 25.56 0.81 0.00 | 25.90 0.94 0.00 | 29.59 1.00 -0.03 | 28.25 1.06 -0.16 | 26.58 0.91 -0.04 | 25.93 1.00 0.00 | 27.30 0.95 0.00 | 27.79 0.90 0.00 | 27.85 0.89 0.00 | 30.84 0.88 0.00 | 35.40 0.90 0.00 | 33.91 0.79 0.00 | 35.78 0.73 -0.37 | 34.43 0.69 -0.40 | 30.85 0.51 -0.32 |
| KCE_NY_1 323755 | 25.27 0.79 0.00 | 28.83 0.86 0.00 | 27.05 0.73 0.00 | 27.52 0.76 0.00 | 26.08 0.79 0.00 | 27.97 0.88 0.00 | 39.15 1.14 0.00 | 38.93 1.13 0.00 | 29.37 0.87 0.00 | 25.34 0.59 0.00 | 25.48 0.52 0.00 | 29.06 0.53 0.03 | 27.45 0.54 0.13 | 26.06 0.45 0.03 | 25.42 0.49 0.00 | 26.82 0.46 0.00 | 27.45 0.57 0.00 | 27.82 0.85 0.00 | 31.11 1.15 0.00 | 35.77 1.26 0.00 | 34.25 1.14 0.00 | 35.55 1.17 0.29 | 34.08 1.05 0.31 | 30.66 0.90 0.25 |
| KCE_NY_6_ESR 323823 | 24.40 -0.08 0.00 | 28.17 0.21 0.00 | 26.32 0.00 0.00 | 26.74 -0.02 0.00 | 24.99 -0.30 0.00 | 27.03 -0.06 0.00 | 38.16 0.14 0.00 | 37.50 -0.30 0.00 | 28.66 0.16 0.00 | 24.99 0.24 0.00 | 25.26 0.30 0.00 | 29.20 0.65 0.00 | 27.43 0.39 0.00 | 26.40 0.76 0.00 | 25.57 0.64 0.00 | 27.24 0.89 0.00 | 27.73 0.85 0.00 | 27.27 0.30 0.00 | 30.12 0.15 0.00 | 34.79 0.29 0.00 | 33.53 0.41 0.00 | 35.36 0.68 0.00 | 34.18 0.84 0.00 | 30.82 0.81 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 24.81 0.33 0.00 | 28.18 0.21 0.00 | 26.53 0.21 0.00 | 26.88 0.12 0.00 | 25.49 0.20 0.00 | 27.41 0.32 0.00 | 38.08 0.06 0.00 | 38.15 0.35 0.00 | 29.13 0.62 0.00 | 25.48 0.73 0.00 | 26.07 1.10 0.00 | 29.81 1.23 -0.03 | 28.15 0.95 -0.16 | 26.30 0.63 -0.04 | 25.78 0.85 0.00 | 27.01 0.67 0.00 | 27.50 0.61 0.00 | 24.59 0.51 2.88 | 30.44 0.47 0.00 | 34.93 0.43 0.00 | 26.68 0.32 6.76 | 35.39 0.35 -0.37 | 34.10 0.37 -0.40 | 30.64 0.31 -0.32 |
| KEDC PORT_JEFF_GT3 24211 | 24.81 0.33 0.00 | 28.18 0.21 0.00 | 26.53 0.21 0.00 | 26.88 0.12 0.00 | 25.49 0.20 0.00 | 27.41 0.32 0.00 | 38.08 0.06 0.00 | 38.15 0.35 0.00 | 29.13 0.62 0.00 | 25.48 0.73 0.00 | 26.07 1.10 0.00 | 29.81 1.23 -0.03 | 28.15 0.95 -0.16 | 26.30 0.63 -0.04 | 25.78 0.85 0.00 | 27.01 0.67 0.00 | 27.50 0.61 0.00 | 24.59 0.51 2.88 | 30.44 0.47 0.00 | 34.93 0.43 0.00 | 26.68 0.32 6.76 | 35.39 0.35 -0.37 | 34.10 0.37 -0.40 | 30.64 0.31 -0.32 |
| KEDC_GLWD_GT4 24219 | 25.13 0.65 0.00 | 28.56 0.60 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.87 0.58 0.00 | 27.78 0.69 0.00 | 38.76 0.73 0.00 | 38.82 1.03 0.00 | 29.62 1.12 0.00 | 25.78 1.03 0.00 | 26.28 1.32 0.00 | 30.06 1.47 -0.03 | 28.52 1.33 -0.16 | 26.74 1.07 -0.04 | 26.12 1.19 0.00 | 27.19 0.84 0.00 | 27.69 0.80 0.00 | 26.56 0.74 1.14 | 30.66 0.69 0.00 | 35.19 0.68 0.00 | 31.04 0.59 2.67 | 35.91 0.86 -0.37 | 34.63 0.90 -0.40 | 31.08 0.75 -0.32 |
| KEDC_GLWD_GT5 24220 | 25.13 0.65 0.00 | 28.56 0.60 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.87 0.58 0.00 | 27.78 0.69 0.00 | 38.76 0.73 0.00 | 38.82 1.03 0.00 | 29.62 1.12 0.00 | 25.78 1.03 0.00 | 26.28 1.32 0.00 | 30.06 1.47 -0.03 | 28.52 1.33 -0.16 | 26.74 1.07 -0.04 | 26.12 1.19 0.00 | 27.19 0.84 0.00 | 27.69 0.80 0.00 | 26.56 0.74 1.14 | 30.66 0.69 0.00 | 35.19 0.68 0.00 | 31.04 0.59 2.67 | 35.91 0.86 -0.37 | 34.63 0.90 -0.40 | 31.08 0.75 -0.32 |
| KENSICO____ 23655 | 24.93 0.45 0.00 | 28.35 0.39 0.00 | 26.73 0.41 0.00 | 27.15 0.38 0.00 | 25.73 0.44 0.00 | 27.58 0.50 0.00 | 38.51 0.49 0.00 | 38.57 0.78 0.00 | 29.38 0.88 0.00 | 25.51 0.76 0.00 | 25.86 0.90 0.00 | 29.54 0.95 -0.03 | 28.20 1.01 -0.16 | 26.54 0.87 -0.04 | 25.88 0.95 0.00 | 27.24 0.89 0.00 | 27.73 0.84 0.00 | 27.77 0.81 0.00 | 30.73 0.76 0.00 | 35.28 0.78 0.00 | 33.81 0.69 0.00 | 35.67 0.63 -0.36 | 34.35 0.62 -0.39 | 30.79 0.46 -0.31 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 24.95 0.47 0.00 | 28.40 0.44 0.00 | 26.74 0.42 0.00 | 27.15 0.39 0.00 | 25.71 0.42 0.00 | 27.58 0.49 0.00 | 38.56 0.54 0.00 | 38.60 0.81 0.00 | 29.38 0.88 0.00 | 25.53 0.78 0.00 | 25.79 0.83 0.00 | 29.43 0.86 -0.02 | 28.00 0.88 -0.09 | 26.37 0.72 -0.02 | 25.70 0.77 0.00 | 27.13 0.78 0.00 | 27.46 0.58 0.00 | 27.57 0.61 0.00 | 30.69 0.72 0.00 | 35.34 0.84 0.00 | 33.89 0.77 0.00 | 35.58 0.70 -0.20 | 34.43 0.88 -0.22 | 30.84 0.65 -0.17 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| KIAC_JFK_GT1 23816 | 25.06 0.59 0.00 | 28.40 0.44 0.00 | 26.82 0.50 0.00 | 27.25 0.48 0.00 | 25.88 0.59 0.00 | 27.76 0.66 0.00 | 38.61 0.59 0.00 | 38.75 0.96 0.00 | 29.58 1.07 0.00 | 25.67 0.92 0.00 | 26.01 1.05 0.00 | 29.72 1.13 -0.03 | 28.42 1.23 -0.16 | 26.76 1.09 -0.04 | 26.07 1.14 0.00 | 27.43 1.09 0.00 | 27.83 0.94 0.00 | 27.85 0.89 0.00 | 30.76 0.79 0.00 | 35.28 0.77 0.00 | 33.81 0.70 0.00 | 35.64 0.60 -0.37 | 34.44 0.71 -0.40 | 30.86 0.53 -0.32 |
| KIAC_JFK_GT2 23817 | 25.06 0.59 0.00 | 28.40 0.44 0.00 | 26.82 0.50 0.00 | 27.25 0.48 0.00 | 25.88 0.59 0.00 | 27.76 0.66 0.00 | 38.61 0.59 0.00 | 38.75 0.96 0.00 | 29.58 1.07 0.00 | 25.67 0.92 0.00 | 26.01 1.05 0.00 | 29.72 1.13 -0.03 | 28.42 1.23 -0.16 | 26.76 1.09 -0.04 | 26.07 1.14 0.00 | 27.43 1.09 0.00 | 27.83 0.94 0.00 | 27.85 0.89 0.00 | 30.76 0.79 0.00 | 35.28 0.77 0.00 | 33.81 0.70 0.00 | 35.64 0.60 -0.37 | 34.44 0.71 -0.40 | 30.86 0.53 -0.32 |
| KIAC_JFK____ 323774 | 25.06 0.58 0.00 | 28.40 0.44 0.00 | 26.82 0.50 0.00 | 27.25 0.48 0.00 | 25.88 0.59 0.00 | 27.76 0.67 0.00 | 38.61 0.59 0.00 | 38.75 0.96 0.00 | 29.58 1.07 0.00 | 25.67 0.92 0.00 | 26.01 1.05 0.00 | 29.72 1.13 -0.03 | 28.42 1.23 -0.16 | 26.77 1.09 -0.04 | 26.08 1.15 0.00 | 27.43 1.08 0.00 | 27.83 0.94 0.00 | 27.86 0.90 0.00 | 30.76 0.79 0.00 | 35.28 0.77 0.00 | 33.80 0.69 0.00 | 35.64 0.60 -0.37 | 34.44 0.71 -0.40 | 30.87 0.53 -0.32 |
| KINTIGH__24_KV_GSU 356498 | 24.19 -0.29 0.00 | 27.92 -0.04 0.00 | 26.12 -0.20 0.00 | 26.55 -0.21 0.00 | 24.85 -0.44 0.00 | 26.84 -0.25 0.00 | 37.87 -0.15 0.00 | 37.21 -0.58 0.00 | 28.34 -0.16 0.00 | 24.73 -0.02 0.00 | 25.00 0.04 0.00 | 28.85 0.30 0.00 | 27.12 0.09 0.00 | 26.06 0.43 0.00 | 25.26 0.33 0.00 | 26.86 0.52 0.00 | 27.36 0.48 0.00 | 26.92 -0.04 0.00 | 29.75 -0.22 0.00 | 34.34 -0.16 0.00 | 33.06 -0.06 0.00 | 34.87 0.19 0.00 | 33.68 0.34 0.00 | 30.42 0.41 0.00 |
| KINTIGH____ 23543 | 24.17 -0.31 0.00 | 27.90 -0.06 0.00 | 26.09 -0.22 0.00 | 26.53 -0.23 0.00 | 24.83 -0.46 0.00 | 26.82 -0.27 0.00 | 37.83 -0.19 0.00 | 37.18 -0.61 0.00 | 28.32 -0.19 0.00 | 24.71 -0.04 0.00 | 24.98 0.01 0.00 | 28.83 0.27 0.00 | 27.10 0.07 0.00 | 26.06 0.43 0.00 | 25.27 0.35 0.00 | 26.84 0.49 0.00 | 27.34 0.46 0.00 | 26.93 -0.03 0.00 | 29.73 -0.24 0.00 | 34.32 -0.18 0.00 | 33.04 -0.08 0.00 | 34.86 0.19 0.00 | 33.67 0.33 0.00 | 30.40 0.40 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 25.68 1.20 0.00 | 29.35 1.39 0.00 | 27.59 1.27 0.00 | 28.08 1.31 0.00 | 26.45 1.16 0.00 | 28.35 1.26 0.00 | 39.93 1.91 0.00 | 39.61 1.81 0.00 | 29.72 1.21 0.00 | 25.71 0.95 0.00 | 25.76 0.80 0.00 | 29.44 0.89 0.00 | 27.89 0.85 0.00 | 26.45 0.82 0.00 | 25.73 0.80 0.00 | 27.21 0.86 0.00 | 27.88 0.99 0.00 | 28.03 1.06 0.00 | 31.17 1.20 0.00 | 35.88 1.37 0.00 | 34.42 1.30 0.00 | 36.11 1.43 0.00 | 34.68 1.34 0.00 | 31.32 1.31 0.00 |
| LACHUTE____HYDRO 323717 | 26.44 1.96 0.00 | 29.89 1.93 0.00 | 28.02 1.70 0.00 | 28.54 1.78 0.00 | 27.16 1.87 0.00 | 29.17 2.08 0.00 | 40.95 2.93 0.00 | 40.59 2.80 0.00 | 30.43 1.93 0.00 | 26.11 1.35 0.00 | 26.41 1.45 0.00 | 30.38 1.85 0.02 | 28.72 1.82 0.12 | 27.29 1.68 0.03 | 26.56 1.63 0.00 | 27.97 1.62 0.00 | 28.86 1.97 0.00 | 29.37 2.41 0.00 | 32.96 2.99 0.00 | 37.72 3.22 0.00 | 36.10 2.98 0.00 | 37.63 3.23 0.28 | 35.85 2.82 0.30 | 32.54 2.77 0.24 |
| LAWRNCALV_115KV_TB1 80681 | 25.54 1.06 0.00 | 29.23 1.27 0.00 | 27.50 1.19 0.00 | 27.97 1.21 0.00 | 26.37 1.07 0.00 | 28.24 1.15 0.00 | 39.82 1.80 0.00 | 39.50 1.70 0.00 | 29.51 1.01 0.00 | 25.54 0.79 0.00 | 25.72 0.76 0.00 | 29.50 0.94 0.00 | 27.89 0.85 0.00 | 26.41 0.78 0.00 | 25.62 0.69 0.00 | 27.15 0.80 0.00 | 27.66 0.77 0.00 | 27.58 0.62 0.00 | 30.74 0.77 0.00 | 35.56 1.05 0.00 | 34.26 1.14 0.00 | 36.13 1.46 0.00 | 34.85 1.51 0.00 | 31.49 1.48 0.00 |
| LEDERLE____ 23769 | 25.00 0.53 0.00 | 28.44 0.48 0.00 | 26.79 0.47 0.00 | 27.20 0.44 0.00 | 25.77 0.48 0.00 | 27.65 0.56 0.00 | 38.64 0.62 0.00 | 38.69 0.89 0.00 | 29.47 0.97 0.00 | 25.59 0.84 0.00 | 25.95 0.99 0.00 | 29.66 1.08 -0.03 | 28.32 1.15 -0.14 | 26.66 0.99 -0.03 | 26.00 1.07 0.00 | 27.38 1.04 0.00 | 27.87 0.99 0.00 | 27.91 0.95 0.00 | 30.90 0.93 0.00 | 35.50 1.00 0.00 | 34.03 0.91 0.00 | 35.84 0.84 -0.32 | 34.53 0.84 -0.34 | 30.94 0.66 -0.28 |
| LIGHTHSE_115KV_TB6 355974 | 24.52 0.04 0.00 | 28.05 0.09 0.00 | 26.36 0.04 0.00 | 26.83 0.07 0.00 | 25.34 0.05 0.00 | 27.23 0.14 0.00 | 38.40 0.38 0.00 | 38.10 0.31 0.00 | 28.60 0.10 0.00 | 24.79 0.03 0.00 | 24.88 -0.08 0.00 | 28.35 -0.20 0.00 | 26.76 -0.28 0.00 | 25.36 -0.28 0.00 | 24.60 -0.33 0.00 | 25.96 -0.39 0.00 | 26.44 -0.45 0.00 | 26.60 -0.36 0.00 | 29.77 -0.20 0.00 | 34.46 -0.04 0.00 | 33.19 0.08 0.00 | 34.91 0.23 0.00 | 33.63 0.29 0.00 | 30.26 0.24 0.00 |
| LINDEN COGEN____ 23786 | 24.95 0.46 0.00 | 28.33 0.37 0.00 | 26.74 0.42 0.00 | 27.14 0.38 0.00 | 25.74 0.45 0.00 | 27.61 0.52 0.00 | 38.54 0.52 0.00 | 38.64 0.84 0.00 | 29.47 0.97 0.00 | 25.57 0.82 0.00 | 25.92 0.96 0.00 | 29.60 1.02 -0.03 | 28.30 1.10 -0.16 | 26.62 0.95 -0.04 | 25.97 1.04 0.00 | 27.32 0.98 0.00 | 27.82 0.93 0.00 | 27.84 0.87 0.00 | 30.75 0.78 0.00 | 35.29 0.79 0.00 | 33.80 0.68 0.00 | 35.64 0.60 -0.37 | 34.32 0.59 -0.40 | 30.75 0.42 -0.32 |
| LINDHRST_69_KV_BK1 356055 | 25.09 0.61 0.00 | 28.52 0.56 0.00 | 26.85 0.53 0.00 | 27.21 0.45 0.00 | 25.79 0.50 0.00 | 27.71 0.62 0.00 | 38.61 0.59 0.00 | 38.71 0.91 0.00 | 29.56 1.06 0.00 | 25.76 1.01 0.00 | 26.29 1.33 0.00 | 30.07 1.48 -0.03 | 28.44 1.24 -0.16 | 26.58 0.91 -0.04 | 26.04 1.11 0.00 | 27.31 0.96 0.00 | 27.79 0.91 0.00 | 25.29 0.83 2.51 | 30.81 0.84 0.00 | 35.36 0.85 0.00 | 27.96 0.74 5.89 | 35.80 0.75 -0.37 | 34.56 0.82 -0.40 | 31.02 0.69 -0.32 |
| LIPA_MISC_IPP 23656 | 24.59 0.11 0.00 | 27.91 -0.05 0.00 | 26.28 -0.04 0.00 | 26.63 -0.14 0.00 | 25.26 -0.03 0.00 | 27.14 0.05 0.00 | 37.67 -0.35 0.00 | 37.76 -0.03 0.00 | 28.85 0.34 0.00 | 25.24 0.49 0.00 | 25.83 0.87 0.00 | 29.54 0.95 -0.03 | 27.90 0.70 -0.16 | 26.04 0.38 -0.04 | 25.55 0.62 0.00 | 26.78 0.43 0.00 | 27.26 0.37 0.00 | 24.33 0.26 2.89 | 30.14 0.17 0.00 | 34.60 0.10 0.00 | 26.36 0.03 6.79 | 35.10 0.05 -0.37 | 33.78 0.05 -0.40 | 30.34 0.02 -0.32 |
| LISF____SOLAR 323691 | 24.63 0.15 0.00 | 27.95 -0.01 0.00 | 26.32 0.00 0.00 | 26.67 -0.10 0.00 | 25.29 0.00 0.00 | 27.19 0.10 0.00 | 37.73 -0.29 0.00 | 37.83 0.04 0.00 | 28.90 0.39 0.00 | 25.28 0.53 0.00 | 25.87 0.91 0.00 | 29.59 1.00 -0.03 | 27.94 0.75 -0.16 | 26.10 0.43 -0.04 | 25.60 0.67 0.00 | 26.82 0.47 0.00 | 27.32 0.43 0.00 | 24.39 0.31 2.89 | 30.20 0.23 0.00 | 34.69 0.18 0.00 | 26.43 0.09 6.78 | 35.17 0.13 -0.37 | 33.85 0.11 -0.40 | 30.40 0.07 -0.32 |
| LITTLE FALLS____HYD 24013 | 24.53 0.05 0.00 | 27.88 -0.08 0.00 | 26.28 -0.04 0.00 | 26.76 -0.01 0.00 | 25.42 0.13 0.00 | 27.27 0.18 0.00 | 38.03 0.01 0.00 | 37.86 0.07 0.00 | 28.68 0.18 0.00 | 24.62 -0.13 0.00 | 24.57 -0.39 0.00 | 27.92 -0.64 0.00 | 26.34 -0.69 0.00 | 25.00 -0.64 0.00 | 24.37 -0.56 0.00 | 25.62 -0.72 0.00 | 26.21 -0.68 0.00 | 26.60 -0.36 0.00 | 30.11 0.14 0.00 | 35.06 0.56 0.00 | 33.69 0.57 0.00 | 35.19 0.51 0.00 | 33.68 0.34 0.00 | 30.11 0.10 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 25.91 1.43 0.00 | 29.67 1.71 0.00 | 27.90 1.58 0.00 | 28.36 1.60 0.00 | 26.75 1.46 0.00 | 28.67 1.58 0.00 | 40.47 2.45 0.00 | 40.04 2.25 0.00 | 29.70 1.20 0.00 | 25.63 0.88 0.00 | 25.79 0.83 0.00 | 29.56 1.01 0.00 | 27.96 0.93 0.00 | 26.46 0.83 0.00 | 25.69 0.76 0.00 | 27.25 0.90 0.00 | 27.77 0.89 0.00 | 27.68 0.72 0.00 | 30.96 0.99 0.00 | 36.08 1.58 0.00 | 34.89 1.77 0.00 | 36.78 2.10 0.00 | 35.43 2.09 0.00 | 31.98 1.97 0.00 |
| LI_NEWBRDGE___DRP 323616 | 24.87 0.39 0.00 | 28.27 0.30 0.00 | 26.63 0.31 0.00 | 27.01 0.25 0.00 | 25.61 0.32 0.00 | 27.49 0.40 0.00 | 38.30 0.28 0.00 | 38.38 0.58 0.00 | 29.26 0.76 0.00 | 25.48 0.73 0.00 | 25.98 1.02 0.00 | 29.71 1.12 -0.03 | 28.18 0.98 -0.16 | 26.39 0.72 -0.04 | 25.81 0.88 0.00 | 27.04 0.69 0.00 | 27.50 0.62 0.00 | 24.42 0.56 3.10 | 30.48 0.52 0.00 | 34.98 0.48 0.00 | 26.22 0.37 7.28 | 35.44 0.39 -0.37 | 34.20 0.46 -0.40 | 30.72 0.39 -0.32 |
| LOCKPORT_115KV_TB60_63_64 80432 | 24.21 -0.27 0.00 | 27.99 0.03 0.00 | 26.14 -0.18 0.00 | 26.58 -0.18 0.00 | 24.82 -0.46 0.00 | 26.87 -0.22 0.00 | 37.85 -0.17 0.00 | 37.10 -0.69 0.00 | 28.37 -0.13 0.00 | 24.76 0.01 0.00 | 25.05 0.09 0.00 | 28.94 0.39 0.00 | 27.09 0.06 0.00 | 26.11 0.47 0.00 | 25.31 0.38 0.00 | 26.89 0.54 0.00 | 27.40 0.52 0.00 | 26.89 -0.07 0.00 | 29.63 -0.34 0.00 | 34.24 -0.27 0.00 | 33.04 -0.07 0.00 | 34.96 0.28 0.00 | 33.88 0.54 0.00 | 30.71 0.70 0.00 |
| LOCKPORT___CC1 323769 | 24.19 -0.29 0.00 | 27.97 0.01 0.00 | 26.14 -0.18 0.00 | 26.57 -0.20 0.00 | 24.81 -0.48 0.00 | 26.85 -0.24 0.00 | 37.83 -0.19 0.00 | 37.08 -0.72 0.00 | 28.34 -0.16 0.00 | 24.74 -0.01 0.00 | 25.03 0.07 0.00 | 28.92 0.37 0.00 | 27.09 0.05 0.00 | 26.08 0.45 0.00 | 25.28 0.35 0.00 | 26.91 0.56 0.00 | 27.41 0.52 0.00 | 26.86 -0.10 0.00 | 29.65 -0.32 0.00 | 34.24 -0.27 0.00 | 33.03 -0.08 0.00 | 34.95 0.27 0.00 | 33.84 0.50 0.00 | 30.67 0.66 0.00 |
| LOCKPORT___CC2 323770 | 24.19 -0.29 0.00 | 27.97 0.01 0.00 | 26.14 -0.18 0.00 | 26.57 -0.20 0.00 | 24.81 -0.48 0.00 | 26.85 -0.24 0.00 | 37.83 -0.19 0.00 | 37.08 -0.72 0.00 | 28.34 -0.16 0.00 | 24.74 -0.01 0.00 | 25.03 0.07 0.00 | 28.92 0.37 0.00 | 27.09 0.05 0.00 | 26.08 0.45 0.00 | 25.28 0.35 0.00 | 26.91 0.56 0.00 | 27.41 0.52 0.00 | 26.86 -0.10 0.00 | 29.65 -0.32 0.00 | 34.24 -0.27 0.00 | 33.03 -0.08 0.00 | 34.95 0.27 0.00 | 33.84 0.50 0.00 | 30.67 0.66 0.00 |
| LOCKPORT___CC3 323771 | 24.19 -0.29 0.00 | 27.97 0.01 0.00 | 26.14 -0.18 0.00 | 26.57 -0.20 0.00 | 24.81 -0.48 0.00 | 26.85 -0.24 0.00 | 37.83 -0.19 0.00 | 37.08 -0.72 0.00 | 28.34 -0.16 0.00 | 24.74 -0.01 0.00 | 25.03 0.07 0.00 | 28.92 0.37 0.00 | 27.09 0.05 0.00 | 26.08 0.45 0.00 | 25.28 0.35 0.00 | 26.91 0.56 0.00 | 27.41 0.52 0.00 | 26.86 -0.10 0.00 | 29.65 -0.32 0.00 | 34.24 -0.27 0.00 | 33.03 -0.08 0.00 | 34.95 0.27 0.00 | 33.84 0.50 0.00 | 30.67 0.66 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 25.12 0.64 0.00 | 28.55 0.59 0.00 | 26.89 0.58 0.00 | 27.26 0.50 0.00 | 25.84 0.55 0.00 | 27.75 0.67 0.00 | 38.71 0.69 0.00 | 38.78 0.99 0.00 | 29.61 1.10 0.00 | 25.77 1.02 0.00 | 26.30 1.34 0.00 | 30.09 1.50 -0.03 | 28.50 1.30 -0.16 | 26.71 1.04 -0.04 | 26.12 1.19 0.00 | 27.28 0.93 0.00 | 27.77 0.89 0.00 | 26.18 0.81 1.59 | 30.76 0.79 0.00 | 35.29 0.79 0.00 | 30.05 0.68 3.74 | 35.85 0.80 -0.37 | 34.61 0.87 -0.40 | 31.06 0.73 -0.32 |
| LONG_LAKE_PHOENIX 24014 | 24.01 -0.47 0.00 | 27.44 -0.52 0.00 | 25.80 -0.52 0.00 | 26.24 -0.52 0.00 | 24.78 -0.51 0.00 | 26.57 -0.52 0.00 | 37.42 -0.60 0.00 | 37.14 -0.65 0.00 | 27.94 -0.56 0.00 | 24.30 -0.45 0.00 | 24.49 -0.46 0.00 | 27.98 -0.57 0.00 | 26.45 -0.58 0.00 | 25.14 -0.50 0.00 | 24.44 -0.49 0.00 | 25.82 -0.53 0.00 | 26.35 -0.54 0.00 | 26.39 -0.57 0.00 | 29.36 -0.61 0.00 | 33.92 -0.58 0.00 | 32.58 -0.54 0.00 | 34.12 -0.56 0.00 | 32.78 -0.56 0.00 | 29.46 -0.56 0.00 |
| LOVETT___3 23632 | 24.85 0.36 0.00 | 28.27 0.31 0.00 | 26.63 0.31 0.00 | 27.05 0.29 0.00 | 25.63 0.34 0.00 | 27.48 0.39 0.00 | 38.38 0.36 0.00 | 38.42 0.63 0.00 | 29.26 0.76 0.00 | 25.41 0.66 0.00 | 25.75 0.79 0.00 | 29.42 0.84 -0.03 | 28.10 0.92 -0.14 | 26.44 0.77 -0.03 | 25.78 0.85 0.00 | 27.15 0.80 0.00 | 27.63 0.74 0.00 | 27.67 0.70 0.00 | 30.63 0.66 0.00 | 35.19 0.68 0.00 | 33.73 0.62 0.00 | 35.55 0.54 -0.33 | 34.25 0.55 -0.35 | 30.70 0.41 -0.28 |
| LOVETT___4 23642 | 24.85 0.36 0.00 | 28.27 0.31 0.00 | 26.63 0.31 0.00 | 27.05 0.29 0.00 | 25.63 0.34 0.00 | 27.48 0.39 0.00 | 38.38 0.36 0.00 | 38.42 0.63 0.00 | 29.26 0.76 0.00 | 25.41 0.66 0.00 | 25.75 0.79 0.00 | 29.42 0.84 -0.03 | 28.10 0.92 -0.14 | 26.44 0.77 -0.03 | 25.78 0.85 0.00 | 27.15 0.80 0.00 | 27.63 0.74 0.00 | 27.67 0.70 0.00 | 30.63 0.66 0.00 | 35.19 0.68 0.00 | 33.73 0.62 0.00 | 35.55 0.54 -0.33 | 34.25 0.55 -0.35 | 30.70 0.41 -0.28 |
| LOVETT___5 23593 | 24.85 0.36 0.00 | 28.27 0.31 0.00 | 26.63 0.31 0.00 | 27.05 0.29 0.00 | 25.63 0.34 0.00 | 27.48 0.39 0.00 | 38.38 0.36 0.00 | 38.42 0.63 0.00 | 29.26 0.76 0.00 | 25.41 0.66 0.00 | 25.75 0.79 0.00 | 29.42 0.84 -0.03 | 28.10 0.92 -0.14 | 26.44 0.77 -0.03 | 25.78 0.85 0.00 | 27.15 0.80 0.00 | 27.63 0.74 0.00 | 27.67 0.70 0.00 | 30.63 0.66 0.00 | 35.19 0.68 0.00 | 33.73 0.62 0.00 | 35.55 0.54 -0.33 | 34.25 0.55 -0.35 | 30.70 0.41 -0.28 |
| LOWER RAQUET___HYD 24057 | 25.60 1.12 0.00 | 29.30 1.34 0.00 | 27.57 1.25 0.00 | 28.03 1.26 0.00 | 26.43 1.14 0.00 | 28.31 1.22 0.00 | 39.94 1.92 0.00 | 39.61 1.81 0.00 | 29.56 1.05 0.00 | 25.58 0.82 0.00 | 25.73 0.77 0.00 | 29.51 0.95 0.00 | 27.90 0.87 0.00 | 26.42 0.79 0.00 | 25.62 0.69 0.00 | 27.15 0.80 0.00 | 27.63 0.75 0.00 | 27.54 0.58 0.00 | 30.72 0.75 0.00 | 35.57 1.06 0.00 | 34.28 1.17 0.00 | 36.21 1.53 0.00 | 34.95 1.61 0.00 | 31.58 1.56 0.00 |
| LOWER___HUDSON 24059 | 24.96 0.48 0.00 | 28.41 0.44 0.00 | 26.75 0.44 0.00 | 27.24 0.48 0.00 | 25.80 0.51 0.00 | 27.63 0.54 0.00 | 38.54 0.52 0.00 | 38.38 0.58 0.00 | 29.02 0.51 0.00 | 25.12 0.37 0.00 | 25.27 0.31 0.00 | 28.83 0.30 0.03 | 27.21 0.35 0.17 | 25.89 0.30 0.04 | 25.27 0.34 0.00 | 26.63 0.28 0.00 | 27.16 0.28 0.00 | 27.43 0.47 0.00 | 30.54 0.57 0.00 | 35.03 0.53 0.00 | 33.59 0.47 0.00 | 34.80 0.51 0.38 | 33.35 0.42 0.41 | 30.07 0.39 0.33 |
| LOWVILLE_115KV_TB2 356335 | 25.38 0.90 0.00 | 29.05 1.09 0.00 | 27.38 1.06 0.00 | 27.85 1.09 0.00 | 26.32 1.03 0.00 | 28.34 1.25 0.00 | 39.97 1.95 0.00 | 39.71 1.91 0.00 | 29.74 1.24 0.00 | 25.67 0.91 0.00 | 25.63 0.67 0.00 | 29.10 0.55 0.00 | 27.47 0.43 0.00 | 25.99 0.36 0.00 | 25.13 0.20 0.00 | 26.55 0.20 0.00 | 27.09 0.20 0.00 | 27.34 0.38 0.00 | 30.77 0.80 0.00 | 35.66 1.15 0.00 | 34.34 1.23 0.00 | 36.10 1.43 0.00 | 34.94 1.60 0.00 | 31.56 1.55 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 25.25 0.77 0.00 | 28.76 0.80 0.00 | 27.04 0.72 0.00 | 27.52 0.76 0.00 | 26.07 0.78 0.00 | 27.96 0.87 0.00 | 39.12 1.10 0.00 | 38.91 1.12 0.00 | 29.37 0.86 0.00 | 25.35 0.60 0.00 | 25.49 0.53 0.00 | 29.07 0.54 0.03 | 27.45 0.54 0.13 | 26.05 0.45 0.03 | 25.41 0.48 0.00 | 26.81 0.46 0.00 | 27.43 0.55 0.00 | 27.77 0.81 0.00 | 31.08 1.11 0.00 | 35.73 1.23 0.00 | 34.24 1.12 0.00 | 35.53 1.15 0.29 | 34.04 1.02 0.31 | 30.65 0.89 0.25 |

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| LUTHERNY_35_KV_BK2 355980 | 25.27 0.79 0.00 | 28.83 0.86 0.00 | 27.05 0.73 0.00 | 27.52 0.76 0.00 | 26.08 0.79 0.00 | 27.97 0.88 0.00 | 39.15 1.14 0.00 | 38.93 1.13 0.00 | 29.37 0.87 0.00 | 25.34 0.59 0.00 | 25.48 0.52 0.00 | 29.06 0.53 0.03 | 27.45 0.54 0.13 | 26.06 0.45 0.03 | 25.41 0.48 0.00 | 26.82 0.46 0.00 | 27.45 0.57 0.00 | 27.81 0.85 0.00 | 31.12 1.15 0.00 | 35.77 1.26 0.00 | 34.25 1.14 0.00 | 35.55 1.17 0.29 | 34.08 1.05 0.31 | 30.66 0.90 0.25 |
| LWR___OSWEGATCHIE_HYD 23850 | 25.51 1.03 0.00 | 29.21 1.25 0.00 | 27.49 1.17 0.00 | 27.96 1.20 0.00 | 26.40 1.11 0.00 | 28.35 1.26 0.00 | 40.01 1.99 0.00 | 39.71 1.91 0.00 | 29.66 1.16 0.00 | 25.62 0.87 0.00 | 25.68 0.71 0.00 | 29.29 0.74 0.00 | 27.67 0.64 0.00 | 26.18 0.55 0.00 | 25.35 0.41 0.00 | 26.82 0.47 0.00 | 27.31 0.43 0.00 | 27.40 0.44 0.00 | 30.71 0.75 0.00 | 35.60 1.09 0.00 | 34.34 1.22 0.00 | 36.23 1.55 0.00 | 35.01 1.67 0.00 | 31.61 1.59 0.00 |
| LYONS_FALL_HYD 23570 | 25.23 0.75 0.00 | 28.84 0.88 0.00 | 27.15 0.83 0.00 | 27.62 0.86 0.00 | 26.09 0.80 0.00 | 28.06 0.97 0.00 | 39.54 1.52 0.00 | 39.29 1.50 0.00 | 29.51 1.00 0.00 | 25.52 0.76 0.00 | 25.56 0.60 0.00 | 29.05 0.49 0.00 | 27.43 0.40 0.00 | 25.99 0.35 0.00 | 25.18 0.25 0.00 | 26.61 0.26 0.00 | 27.17 0.29 0.00 | 27.40 0.44 0.00 | 30.76 0.79 0.00 | 35.59 1.09 0.00 | 34.24 1.12 0.00 | 35.91 1.23 0.00 | 34.65 1.31 0.00 | 31.23 1.21 0.00 |
| MADISON___COUNTY_LFGE 323628 | 25.10 0.62 0.00 | 28.57 0.61 0.00 | 26.83 0.52 0.00 | 27.30 0.53 0.00 | 25.78 0.49 0.00 | 27.69 0.60 0.00 | 38.98 0.96 0.00 | 38.75 0.95 0.00 | 29.21 0.70 0.00 | 25.32 0.57 0.00 | 25.47 0.51 0.00 | 28.98 0.42 0.00 | 27.37 0.33 0.00 | 25.97 0.34 0.00 | 25.23 0.30 0.00 | 26.68 0.33 0.00 | 27.28 0.39 0.00 | 27.43 0.47 0.00 | 30.69 0.73 0.00 | 35.54 1.04 0.00 | 34.15 1.04 0.00 | 35.72 1.04 0.00 | 34.29 0.95 0.00 | 30.77 0.76 0.00 |
| MALONE___115KV_TB1 356076 | 25.42 0.94 0.00 | 29.10 1.15 0.00 | 27.37 1.05 0.00 | 27.83 1.07 0.00 | 26.19 0.90 0.00 | 28.06 0.97 0.00 | 39.61 1.59 0.00 | 39.40 1.60 0.00 | 29.52 1.01 0.00 | 25.53 0.78 0.00 | 25.70 0.74 0.00 | 29.53 0.97 0.00 | 27.94 0.91 0.00 | 26.50 0.87 0.00 | 25.74 0.81 0.00 | 27.26 0.91 0.00 | 27.88 0.99 0.00 | 27.93 0.97 0.00 | 31.10 1.14 0.00 | 35.88 1.38 0.00 | 34.46 1.35 0.00 | 36.24 1.56 0.00 | 34.81 1.47 0.00 | 31.42 1.41 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 24.76 0.27 0.00 | 28.19 0.22 0.00 | 26.57 0.25 0.00 | 27.04 0.28 0.00 | 25.59 0.31 0.00 | 27.40 0.31 0.00 | 38.21 0.19 0.00 | 38.06 0.26 0.00 | 28.83 0.33 0.00 | 24.98 0.23 0.00 | 25.15 0.19 0.00 | 28.66 0.13 0.02 | 27.10 0.19 0.12 | 25.77 0.17 0.03 | 25.15 0.22 0.00 | 26.53 0.18 0.00 | 27.06 0.17 0.00 | 27.29 0.33 0.00 | 30.37 0.40 0.00 | 34.77 0.27 0.00 | 33.37 0.25 0.00 | 34.62 0.23 0.29 | 33.20 0.17 0.31 | 29.91 0.14 0.25 |
| MAPLE_RIDGE_WT_1 323574 | 24.54 0.06 0.00 | 28.06 0.10 0.00 | 26.40 0.08 0.00 | 26.85 0.08 0.00 | 25.36 0.07 0.00 | 27.15 0.06 0.00 | 38.14 0.12 0.00 | 37.92 0.12 0.00 | 28.57 0.06 0.00 | 24.80 0.05 0.00 | 25.01 0.05 0.00 | 28.62 0.06 0.00 | 27.09 0.05 0.00 | 25.67 0.04 0.00 | 24.94 0.01 0.00 | 26.37 0.03 0.00 | 26.91 0.03 0.00 | 26.97 0.01 0.00 | 29.98 0.02 0.00 | 34.49 -0.01 0.00 | 33.04 -0.08 0.00 | 34.61 -0.07 0.00 | 33.36 0.02 0.00 | 30.11 0.09 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 24.54 0.06 0.00 | 28.06 0.10 0.00 | 26.40 0.08 0.00 | 26.85 0.08 0.00 | 25.36 0.07 0.00 | 27.15 0.06 0.00 | 38.14 0.12 0.00 | 37.92 0.12 0.00 | 28.57 0.06 0.00 | 24.80 0.05 0.00 | 25.01 0.05 0.00 | 28.62 0.06 0.00 | 27.09 0.05 0.00 | 25.67 0.04 0.00 | 24.94 0.01 0.00 | 26.37 0.03 0.00 | 26.91 0.03 0.00 | 26.97 0.01 0.00 | 29.98 0.02 0.00 | 34.49 -0.01 0.00 | 33.04 -0.08 0.00 | 34.61 -0.07 0.00 | 33.36 0.02 0.00 | 30.11 0.09 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 24.98 0.50 0.00 | 28.61 0.65 0.00 | 26.91 0.59 0.00 | 27.38 0.62 0.00 | 25.77 0.48 0.00 | 27.58 0.50 0.00 | 38.92 0.90 0.00 | 38.69 0.89 0.00 | 29.09 0.58 0.00 | 25.20 0.45 0.00 | 25.40 0.44 0.00 | 29.19 0.63 0.00 | 27.65 0.61 0.00 | 26.22 0.59 0.00 | 25.48 0.55 0.00 | 26.97 0.62 0.00 | 27.59 0.71 0.00 | 27.68 0.72 0.00 | 30.75 0.78 0.00 | 35.34 0.84 0.00 | 33.89 0.78 0.00 | 35.57 0.89 0.00 | 34.19 0.85 0.00 | 30.89 0.88 0.00 |
| MARSHVLE_115KV_TB1 80742 | 25.33 0.85 0.00 | 28.97 1.01 0.00 | 27.26 0.94 0.00 | 27.70 0.94 0.00 | 26.17 0.88 0.00 | 28.08 0.99 0.00 | 39.66 1.64 0.00 | 39.48 1.69 0.00 | 29.58 1.07 0.00 | 25.55 0.80 0.00 | 25.60 0.64 0.00 | 29.09 0.55 0.01 | 27.34 0.37 0.07 | 25.96 0.34 0.02 | 25.23 0.30 0.00 | 26.73 0.38 0.00 | 27.31 0.42 0.00 | 27.44 0.48 0.00 | 30.90 0.93 0.00 | 36.27 1.76 0.00 | 34.95 1.83 0.00 | 36.36 1.84 0.16 | 34.89 1.73 0.18 | 31.39 1.51 0.14 |
| MARSH_HILL_WT_PWR 323713 | 24.70 0.22 0.00 | 28.40 0.44 0.00 | 26.60 0.28 0.00 | 27.02 0.25 0.00 | 25.38 0.09 0.00 | 27.45 0.36 0.00 | 38.82 0.80 0.00 | 38.29 0.49 0.00 | 29.12 0.61 0.00 | 25.32 0.57 0.00 | 25.51 0.55 0.00 | 29.43 0.88 0.00 | 27.58 0.54 0.00 | 26.42 0.79 0.00 | 25.48 0.55 0.00 | 27.17 0.82 0.00 | 27.76 0.88 0.00 | 27.51 0.55 0.00 | 30.57 0.60 0.00 | 35.40 0.89 0.00 | 34.08 0.96 0.00 | 35.77 1.09 0.00 | 34.45 1.11 0.00 | 30.87 0.86 0.00 |
| MCINTYRE_115KV_TB2 80467 | 26.00 1.52 0.00 | 29.77 1.80 0.00 | 27.98 1.66 0.00 | 28.45 1.69 0.00 | 26.84 1.55 0.00 | 28.76 1.67 0.00 | 40.60 2.58 0.00 | 40.12 2.33 0.00 | 29.68 1.17 0.00 | 25.62 0.87 0.00 | 25.80 0.84 0.00 | 29.58 1.03 0.00 | 27.97 0.94 0.00 | 26.49 0.86 0.00 | 25.71 0.78 0.00 | 27.27 0.91 0.00 | 27.82 0.94 0.00 | 27.77 0.81 0.00 | 31.03 1.07 0.00 | 36.28 1.78 0.00 | 35.12 2.01 0.00 | 36.96 2.28 0.00 | 35.54 2.20 0.00 | 32.08 2.07 0.00 |
| MECO_____69_KV_BK1 80468 | 25.55 1.08 0.00 | 29.17 1.21 0.00 | 27.46 1.14 0.00 | 27.89 1.13 0.00 | 26.39 1.10 0.00 | 28.33 1.25 0.00 | 39.91 1.89 0.00 | 39.67 1.87 0.00 | 29.69 1.19 0.00 | 25.54 0.79 0.00 | 25.28 0.32 0.00 | 28.67 0.13 0.02 | 26.92 -0.04 0.08 | 25.54 -0.08 0.02 | 24.86 -0.07 0.00 | 26.30 -0.05 0.00 | 26.93 0.04 0.00 | 27.30 0.34 0.00 | 31.08 1.11 0.00 | 36.56 2.06 0.00 | 35.23 2.11 0.00 | 36.62 2.13 0.18 | 35.06 1.92 0.19 | 31.51 1.66 0.16 |
| MENANDS___115KV_TB5 355628 | 24.60 0.12 0.00 | 28.01 0.05 0.00 | 26.41 0.09 0.00 | 26.88 0.11 0.00 | 25.44 0.16 0.00 | 27.23 0.14 0.00 | 37.93 -0.09 0.00 | 37.78 -0.01 0.00 | 28.65 0.14 0.00 | 24.84 0.08 0.00 | 25.02 0.06 0.00 | 28.50 -0.03 0.02 | 26.96 0.06 0.12 | 25.63 0.03 0.03 | 25.02 0.09 0.00 | 26.37 0.03 0.00 | 26.88 -0.01 0.00 | 27.11 0.14 0.00 | 30.12 0.15 0.00 | 34.45 -0.05 0.00 | 33.07 -0.04 0.00 | 34.33 -0.07 0.29 | 32.93 -0.10 0.31 | 29.68 -0.09 0.25 |
| MG INDUSTRY___DRP 24185 | 24.69 0.21 0.00 | 28.16 0.20 0.00 | 26.56 0.24 0.00 | 27.03 0.26 0.00 | 25.58 0.29 0.00 | 27.38 0.29 0.00 | 38.17 0.15 0.00 | 37.98 0.18 0.00 | 28.73 0.22 0.00 | 24.89 0.14 0.00 | 25.04 0.08 0.00 | 28.48 -0.06 0.01 | 26.98 0.01 0.06 | 25.58 -0.04 0.02 | 24.96 0.03 0.00 | 26.30 -0.05 0.00 | 26.83 -0.06 0.00 | 27.04 0.07 0.00 | 30.17 0.20 0.00 | 34.67 0.17 0.00 | 33.29 0.17 0.00 | 34.70 0.16 0.14 | 33.31 0.13 0.15 | 30.01 0.12 0.12 |

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| MID___OSWEGATCHIE_HYD 23849 | 25.51 1.03 0.00 | 29.21 1.25 0.00 | 27.49 1.17 0.00 | 27.96 1.20 0.00 | 26.40 1.11 0.00 | 28.35 1.26 0.00 | 40.01 1.99 0.00 | 39.71 1.91 0.00 | 29.66 1.16 0.00 | 25.62 0.87 0.00 | 25.68 0.71 0.00 | 29.29 0.74 0.00 | 27.67 0.64 0.00 | 26.18 0.55 0.00 | 25.35 0.41 0.00 | 26.82 0.47 0.00 | 27.31 0.43 0.00 | 27.40 0.44 0.00 | 30.71 0.75 0.00 | 35.60 1.09 0.00 | 34.34 1.22 0.00 | 36.23 1.55 0.00 | 35.01 1.67 0.00 | 31.61 1.59 0.00 |
| MID___RAQUETTE_HYD 23851 | 25.60 1.12 0.00 | 29.30 1.34 0.00 | 27.57 1.25 0.00 | 28.03 1.26 0.00 | 26.43 1.14 0.00 | 28.31 1.22 0.00 | 39.94 1.92 0.00 | 39.61 1.81 0.00 | 29.56 1.05 0.00 | 25.58 0.82 0.00 | 25.73 0.77 0.00 | 29.51 0.95 0.00 | 27.90 0.87 0.00 | 26.42 0.79 0.00 | 25.62 0.69 0.00 | 27.15 0.80 0.00 | 27.63 0.75 0.00 | 27.54 0.58 0.00 | 30.72 0.75 0.00 | 35.56 1.06 0.00 | 34.28 1.17 0.00 | 36.21 1.54 0.00 | 34.95 1.62 0.00 | 31.58 1.57 0.00 |
| MILLIKEN___1 23584 | 24.73 0.25 0.00 | 28.28 0.32 0.00 | 26.59 0.27 0.00 | 27.03 0.26 0.00 | 25.51 0.22 0.00 | 27.41 0.32 0.00 | 38.65 0.63 0.00 | 38.36 0.57 0.00 | 28.90 0.39 0.00 | 25.08 0.33 0.00 | 25.29 0.32 0.00 | 28.90 0.35 0.00 | 27.29 0.25 0.00 | 25.93 0.29 0.00 | 25.13 0.20 0.00 | 26.61 0.26 0.00 | 27.15 0.26 0.00 | 27.22 0.26 0.00 | 30.33 0.37 0.00 | 35.07 0.57 0.00 | 33.73 0.62 0.00 | 35.30 0.62 0.00 | 33.91 0.57 0.00 | 30.37 0.36 0.00 |
| MILLIKEN___2 23585 | 24.73 0.25 0.00 | 28.28 0.32 0.00 | 26.59 0.27 0.00 | 27.03 0.26 0.00 | 25.51 0.22 0.00 | 27.41 0.32 0.00 | 38.65 0.63 0.00 | 38.36 0.57 0.00 | 28.90 0.39 0.00 | 25.08 0.33 0.00 | 25.29 0.32 0.00 | 28.90 0.35 0.00 | 27.29 0.25 0.00 | 25.93 0.29 0.00 | 25.13 0.20 0.00 | 26.61 0.26 0.00 | 27.15 0.26 0.00 | 27.22 0.26 0.00 | 30.33 0.37 0.00 | 35.07 0.57 0.00 | 33.73 0.62 0.00 | 35.30 0.62 0.00 | 33.91 0.57 0.00 | 30.37 0.36 0.00 |
| MILLIKEN___DIESEL 23629 | 24.73 0.25 0.00 | 28.28 0.32 0.00 | 26.59 0.27 0.00 | 27.03 0.26 0.00 | 25.51 0.22 0.00 | 27.41 0.32 0.00 | 38.65 0.63 0.00 | 38.36 0.57 0.00 | 28.90 0.39 0.00 | 25.08 0.33 0.00 | 25.29 0.32 0.00 | 28.90 0.35 0.00 | 27.29 0.25 0.00 | 25.93 0.29 0.00 | 25.13 0.20 0.00 | 26.61 0.26 0.00 | 27.15 0.26 0.00 | 27.22 0.26 0.00 | 30.33 0.37 0.00 | 35.07 0.57 0.00 | 33.73 0.62 0.00 | 35.30 0.62 0.00 | 33.91 0.57 0.00 | 30.37 0.36 0.00 |
| MILLSEAT___LFGE 323607 | 24.65 0.17 0.00 | 28.45 0.48 0.00 | 26.58 0.26 0.00 | 27.02 0.25 0.00 | 25.27 -0.02 0.00 | 27.35 0.26 0.00 | 38.62 0.60 0.00 | 37.98 0.18 0.00 | 29.00 0.50 0.00 | 25.28 0.52 0.00 | 25.58 0.62 0.00 | 29.47 0.92 0.00 | 27.61 0.58 0.00 | 26.55 0.91 0.00 | 25.66 0.73 0.00 | 27.30 0.95 0.00 | 27.89 1.00 0.00 | 27.46 0.50 0.00 | 30.34 0.37 0.00 | 35.06 0.55 0.00 | 33.87 0.75 0.00 | 34.94 0.27 0.00 | 33.90 0.55 0.00 | 31.65 1.64 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 24.89 0.41 0.00 | 28.30 0.34 0.00 | 26.69 0.37 0.00 | 27.10 0.34 0.00 | 25.69 0.40 0.00 | 27.54 0.45 0.00 | 38.44 0.42 0.00 | 38.49 0.70 0.00 | 29.32 0.82 0.00 | 25.45 0.70 0.00 | 25.80 0.84 0.00 | 29.47 0.89 -0.03 | 28.14 0.95 -0.16 | 26.48 0.81 -0.04 | 25.82 0.89 0.00 | 27.18 0.83 0.00 | 27.66 0.78 0.00 | 27.72 0.75 0.00 | 30.67 0.71 0.00 | 35.22 0.72 0.00 | 33.76 0.65 0.00 | 35.61 0.58 -0.36 | 34.30 0.58 -0.39 | 30.75 0.42 -0.31 |
| MILLWOOD_13_KV_LOAD 356217 | 24.92 0.44 0.00 | 28.33 0.37 0.00 | 26.71 0.40 0.00 | 27.13 0.37 0.00 | 25.71 0.42 0.00 | 27.57 0.48 0.00 | 38.51 0.49 0.00 | 38.55 0.75 0.00 | 29.37 0.87 0.00 | 25.49 0.73 0.00 | 25.83 0.87 0.00 | 29.52 0.93 -0.03 | 28.18 0.99 -0.16 | 26.52 0.85 -0.04 | 25.86 0.93 0.00 | 27.22 0.87 0.00 | 27.71 0.82 0.00 | 27.76 0.80 0.00 | 30.73 0.76 0.00 | 35.28 0.78 0.00 | 33.82 0.70 0.00 | 35.67 0.63 -0.36 | 34.35 0.62 -0.39 | 30.79 0.47 -0.31 |
| MODEL_CITY_ENERGY 24167 | 24.00 -0.48 0.00 | 27.76 -0.20 0.00 | 25.94 -0.38 0.00 | 26.37 -0.39 0.00 | 24.63 -0.66 0.00 | 26.66 -0.43 0.00 | 37.52 -0.50 0.00 | 36.75 -1.04 0.00 | 28.10 -0.40 0.00 | 24.52 -0.23 0.00 | 24.83 -0.13 0.00 | 28.69 0.13 0.00 | 26.82 -0.21 0.00 | 25.83 0.20 0.00 | 25.03 0.11 0.00 | 26.65 0.30 0.00 | 27.14 0.25 0.00 | 26.58 -0.38 0.00 | 29.34 -0.63 0.00 | 33.86 -0.65 0.00 | 32.68 -0.44 0.00 | 34.62 -0.06 0.00 | 33.58 0.24 0.00 | 30.49 0.48 0.00 |
| MODERN_LFGE___ 323580 | 24.00 -0.48 0.00 | 27.76 -0.20 0.00 | 25.94 -0.38 0.00 | 26.37 -0.39 0.00 | 24.63 -0.66 0.00 | 26.66 -0.43 0.00 | 37.52 -0.50 0.00 | 36.75 -1.04 0.00 | 28.10 -0.40 0.00 | 24.52 -0.23 0.00 | 24.83 -0.13 0.00 | 28.69 0.13 0.00 | 26.82 -0.21 0.00 | 25.83 0.20 0.00 | 25.03 0.11 0.00 | 26.65 0.30 0.00 | 27.14 0.25 0.00 | 26.58 -0.38 0.00 | 29.34 -0.63 0.00 | 33.86 -0.65 0.00 | 32.68 -0.44 0.00 | 34.62 -0.06 0.00 | 33.58 0.24 0.00 | 30.49 0.48 0.00 |
| MOHAWK_PAPER___DRP 24187 | 24.76 0.27 0.00 | 28.19 0.22 0.00 | 26.57 0.25 0.00 | 27.04 0.28 0.00 | 25.59 0.31 0.00 | 27.40 0.31 0.00 | 38.21 0.19 0.00 | 38.06 0.26 0.00 | 28.83 0.33 0.00 | 24.98 0.23 0.00 | 25.15 0.19 0.00 | 28.66 0.13 0.02 | 27.10 0.19 0.12 | 25.77 0.17 0.03 | 25.15 0.22 0.00 | 26.53 0.18 0.00 | 27.06 0.17 0.00 | 27.29 0.33 0.00 | 30.37 0.40 0.00 | 34.77 0.27 0.00 | 33.37 0.25 0.00 | 34.62 0.23 0.29 | 33.20 0.17 0.31 | 29.91 0.14 0.25 |
| MOHICAN___35_KV_115KV_LD 80490 | 25.42 0.94 0.00 | 28.89 0.93 0.00 | 27.14 0.82 0.00 | 27.64 0.88 0.00 | 26.22 0.93 0.00 | 28.13 1.04 0.00 | 39.41 1.39 0.00 | 39.16 1.37 0.00 | 29.49 0.99 0.00 | 25.40 0.65 0.00 | 25.54 0.58 0.00 | 29.18 0.65 0.02 | 27.55 0.64 0.12 | 26.04 0.43 0.03 | 25.39 0.46 0.00 | 26.78 0.43 0.00 | 27.47 0.58 0.00 | 27.91 0.95 0.00 | 31.42 1.45 0.00 | 36.05 1.55 0.00 | 34.55 1.44 0.00 | 35.91 1.52 0.29 | 34.33 1.30 0.31 | 30.96 1.20 0.25 |
| MONGAUP___HYD 23641 | 24.99 0.52 0.00 | 28.46 0.49 0.00 | 26.79 0.47 0.00 | 27.20 0.44 0.00 | 25.83 0.54 0.00 | 27.65 0.56 0.00 | 38.65 0.63 0.00 | 38.64 0.84 0.00 | 29.35 0.85 0.00 | 25.46 0.70 0.00 | 25.68 0.72 0.00 | 29.29 0.71 -0.02 | 27.93 0.78 -0.12 | 26.32 0.66 -0.03 | 25.62 0.69 0.00 | 27.05 0.70 0.00 | 27.61 0.73 0.00 | 27.65 0.69 0.00 | 30.76 0.79 0.00 | 35.52 1.02 0.00 | 34.13 1.01 0.00 | 35.89 0.95 -0.27 | 34.51 0.88 -0.29 | 31.04 0.79 -0.23 |
| MONTAUK___DIESEL 23721 | 24.08 -0.40 0.00 | 27.29 -0.67 0.00 | 25.74 -0.58 0.00 | 26.08 -0.69 0.00 | 24.71 -0.58 0.00 | 26.56 -0.53 0.00 | 36.95 -1.07 0.00 | 37.16 -0.64 0.00 | 28.54 0.04 0.00 | 25.00 0.24 0.00 | 25.55 0.59 0.00 | 29.29 0.71 -0.03 | 27.59 0.40 -0.16 | 25.72 0.05 -0.04 | 25.26 0.33 0.00 | 26.55 0.20 0.00 | 27.06 0.17 0.00 | 24.12 0.05 2.89 | 29.94 -0.03 0.00 | 34.41 -0.09 0.00 | 26.12 -0.21 6.78 | 34.72 -0.32 -0.37 | 33.31 -0.43 -0.40 | 29.78 -0.55 -0.32 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 24.84 0.36 0.00 | 28.60 0.64 0.00 | 26.73 0.41 0.00 | 27.14 0.38 0.00 | 25.33 0.04 0.00 | 27.41 0.32 0.00 | 39.13 1.11 0.00 | 38.64 0.85 0.00 | 29.60 1.10 0.00 | 25.83 1.08 0.00 | 26.04 1.08 0.00 | 30.08 1.53 0.00 | 28.26 1.23 0.00 | 27.19 1.55 0.00 | 26.27 1.35 0.00 | 27.96 1.61 0.00 | 28.49 1.61 0.00 | 27.99 1.03 0.00 | 30.78 0.82 0.00 | 35.62 1.12 0.00 | 34.21 1.09 0.00 | 35.97 1.30 0.00 | 34.85 1.51 0.00 | 31.30 1.29 0.00 |

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| MORRIS RIDGE___SOLAR 323848 | 24.44 -0.03 0.00 | 28.14 0.18 0.00 | 26.33 0.01 0.00 | 26.75 -0.02 0.00 | 25.09 -0.19 0.00 | 27.13 0.04 0.00 | 38.30 0.28 0.00 | 37.74 -0.06 0.00 | 28.73 0.22 0.00 | 24.99 0.24 0.00 | 25.19 0.23 0.00 | 29.05 0.50 0.00 | 27.21 0.17 0.00 | 26.09 0.46 0.00 | 25.21 0.28 0.00 | 26.88 0.53 0.00 | 27.44 0.55 0.00 | 27.17 0.20 0.00 | 30.14 0.17 0.00 | 34.89 0.38 0.00 | 33.58 0.46 0.00 | 35.30 0.62 0.00 | 34.05 0.71 0.00 | 30.60 0.59 0.00 |
| MORTIMER_115KV_TB3 55949 | 24.44 -0.04 0.00 | 28.10 0.14 0.00 | 26.32 0.00 0.00 | 26.75 -0.01 0.00 | 25.12 -0.17 0.00 | 27.08 -0.01 0.00 | 38.24 0.22 0.00 | 37.75 -0.04 0.00 | 28.68 0.17 0.00 | 24.99 0.24 0.00 | 25.25 0.29 0.00 | 29.05 0.50 0.00 | 27.36 0.32 0.00 | 26.20 0.57 0.00 | 25.42 0.49 0.00 | 26.99 0.64 0.00 | 27.53 0.64 0.00 | 27.29 0.33 0.00 | 30.23 0.26 0.00 | 34.91 0.41 0.00 | 33.57 0.46 0.00 | 35.29 0.61 0.00 | 33.96 0.62 0.00 | 30.55 0.54 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 25.01 0.54 0.00 | 28.43 0.47 0.00 | 26.83 0.51 0.00 | 27.24 0.47 0.00 | 25.83 0.54 0.00 | 27.69 0.60 0.00 | 38.65 0.63 0.00 | 38.74 0.94 0.00 | 29.55 1.04 0.00 | 25.64 0.89 0.00 | 26.00 1.04 -0.03 | 29.70 1.11 -0.16 | 28.37 1.18 -0.04 | 26.69 1.02 -0.04 | 26.03 1.10 0.00 | 27.40 1.05 0.00 | 27.90 1.01 0.00 | 27.92 0.96 0.00 | 30.87 0.91 0.00 | 35.43 0.93 0.00 | 33.94 0.82 0.00 | 35.79 0.75 -0.37 | 34.46 0.72 -0.40 | 30.88 0.55 -0.32 |
| MUNSVILLE_WIND_PWR 323609 | 25.50 1.02 0.00 | 29.31 1.35 0.00 | 27.55 1.23 0.00 | 28.12 1.36 0.00 | 26.59 1.30 0.00 | 28.64 1.55 0.00 | 40.51 2.49 0.00 | 40.36 2.56 0.00 | 31.60 3.10 0.00 | 27.41 2.66 0.00 | 27.54 2.58 0.00 | 31.07 2.51 -0.01 | 29.33 2.26 -0.04 | 27.78 2.14 -0.01 | 26.87 1.94 0.00 | 28.37 2.02 0.00 | 29.11 2.23 0.00 | 29.29 2.33 0.00 | 32.91 2.95 0.00 | 38.31 3.81 0.00 | 36.53 3.41 0.00 | 38.14 3.38 -0.08 | 36.52 3.09 -0.09 | 32.46 2.38 -0.07 |
| N SALMON___HYD 24042 | 25.42 0.94 0.00 | 29.10 1.15 0.00 | 27.37 1.05 0.00 | 27.83 1.07 0.00 | 26.19 0.90 0.00 | 28.06 0.97 0.00 | 39.61 1.59 0.00 | 39.40 1.60 0.00 | 29.52 1.01 0.00 | 25.53 0.78 0.00 | 25.70 0.74 0.00 | 29.53 0.97 0.00 | 27.94 0.91 0.00 | 26.50 0.87 0.00 | 25.74 0.81 0.00 | 27.26 0.91 0.00 | 27.88 0.99 0.00 | 27.93 0.97 0.00 | 31.10 1.14 0.00 | 35.88 1.37 0.00 | 34.47 1.35 0.00 | 36.24 1.56 0.00 | 34.81 1.47 0.00 | 31.42 1.41 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 24.61 0.13 0.00 | 28.41 0.45 0.00 | 26.54 0.22 0.00 | 26.99 0.22 0.00 | 25.23 -0.06 0.00 | 27.31 0.22 0.00 | 38.55 0.53 0.00 | 37.90 0.10 0.00 | 28.94 0.43 0.00 | 25.23 0.48 0.00 | 25.53 0.57 0.00 | 29.43 0.88 0.00 | 27.57 0.54 0.00 | 26.54 0.91 0.00 | 25.68 0.75 0.00 | 27.28 0.93 0.00 | 27.86 0.97 0.00 | 27.42 0.46 0.00 | 30.25 0.29 0.00 | 34.98 0.48 0.00 | 33.78 0.66 0.00 | 35.79 1.12 0.00 | 34.63 1.29 0.00 | 31.27 1.26 0.00 |
| N.E_GEN_SANDY PD 24062 | 25.39 0.32 -0.59 | 28.13 0.22 0.05 | 26.58 0.26 0.00 | 27.06 0.30 0.00 | 25.65 0.36 0.00 | 27.34 0.33 0.08 | 38.42 0.19 -0.21 | 38.16 0.36 0.00 | 28.92 0.41 0.00 | 25.07 0.31 0.00 | 25.31 0.35 0.00 | 28.70 0.33 0.19 | 26.50 0.41 0.94 | 25.77 0.35 0.21 | 25.35 0.42 0.00 | 26.67 0.32 0.00 | 27.15 0.27 0.00 | 27.47 0.38 -0.13 | 30.32 0.36 0.00 | 34.74 0.24 0.00 | 33.31 0.19 0.00 | 32.72 0.18 2.14 | 31.18 0.14 2.30 | 28.29 0.12 1.85 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 24.89 0.41 0.00 | 28.32 0.36 0.00 | 26.67 0.35 0.00 | 27.09 0.32 0.00 | 25.66 0.37 0.00 | 27.53 0.44 0.00 | 38.46 0.44 0.00 | 38.49 0.70 0.00 | 29.32 0.81 0.00 | 25.46 0.71 0.00 | 25.80 0.84 0.00 | 29.48 0.90 -0.03 | 28.16 0.98 -0.14 | 26.50 0.83 -0.03 | 25.84 0.92 0.00 | 27.22 0.87 0.00 | 27.70 0.81 0.00 | 27.74 0.78 0.00 | 30.71 0.74 0.00 | 35.27 0.77 0.00 | 33.83 0.72 0.00 | 35.64 0.64 -0.32 | 34.34 0.65 -0.35 | 30.79 0.49 -0.28 |
| N.QUEENS_27_KV_LOAD 356247 | 25.09 0.61 0.00 | 28.40 0.44 0.00 | 26.98 0.67 0.00 | 27.33 0.57 0.00 | 25.97 0.68 0.00 | 27.76 0.67 0.00 | 38.77 0.75 0.00 | 38.92 1.13 0.00 | 29.74 1.23 0.00 | 25.75 1.00 0.00 | 26.12 1.16 0.00 | 29.81 1.22 -0.03 | 28.52 1.33 -0.16 | 26.79 1.12 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.03 1.07 0.00 | 30.97 1.01 0.00 | 35.56 1.05 0.00 | 34.06 0.94 0.00 | 35.93 0.88 -0.37 | 34.59 0.85 -0.40 | 30.98 0.65 -0.32 |
| N.TROY___115KV_TB1 355778 | 24.96 0.48 0.00 | 28.41 0.45 0.00 | 26.75 0.44 0.00 | 27.24 0.48 0.00 | 25.80 0.51 0.00 | 27.63 0.54 0.00 | 38.54 0.52 0.00 | 38.38 0.58 0.00 | 29.02 0.51 0.00 | 25.12 0.37 0.00 | 25.27 0.31 0.00 | 28.83 0.30 0.03 | 27.21 0.35 0.17 | 25.89 0.30 0.04 | 25.26 0.33 0.00 | 26.63 0.28 0.00 | 27.16 0.28 0.00 | 27.42 0.46 0.00 | 30.54 0.57 0.00 | 35.03 0.53 0.00 | 33.59 0.48 0.00 | 34.80 0.51 0.38 | 33.35 0.42 0.41 | 30.07 0.39 0.33 |
| NARROWS_GT1_1 24228 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT1_2 24229 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT1_3 24230 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT1_4 24231 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT1_5 24232 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT1_7 24234 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT1_8 24235 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT2_1 24236 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT2_2 24237 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT2_3 24238 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT2_4 24239 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT2_5 24240 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT2_6 24241 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT2_7 24242 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NARROWS_GT2_8 24243 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 24.97 0.49 0.00 | 28.45 0.49 0.00 | 26.82 0.49 0.00 | 27.29 0.52 0.00 | 25.83 0.54 0.00 | 27.67 0.58 0.00 | 38.62 0.60 0.00 | 38.51 0.71 0.00 | 29.09 0.59 0.00 | 25.11 0.35 0.00 | 25.15 0.19 0.00 | 28.58 0.04 0.01 | 27.11 0.12 0.04 | 25.68 0.06 0.01 | 25.03 0.11 0.00 | 26.40 0.05 0.00 | 26.97 0.08 0.00 | 27.26 0.30 0.00 | 30.58 0.61 0.00 | 35.24 0.74 0.00 | 33.90 0.78 0.00 | 35.39 0.82 0.10 | 33.91 0.68 0.11 | 30.51 0.59 0.09 |
| NCHELSEA_115KV_TR2 355582 | 25.03 0.55 0.00 | 28.46 0.50 0.00 | 26.83 0.51 0.00 | 27.26 0.50 0.00 | 25.83 0.54 0.00 | 27.68 0.59 0.00 | 38.68 0.66 0.00 | 38.72 0.93 0.00 | 29.47 0.96 0.00 | 25.57 0.81 0.00 | 25.87 0.91 0.00 | 29.55 0.97 -0.03 | 28.20 1.04 -0.12 | 26.56 0.90 -0.03 | 25.91 0.97 0.00 | 27.31 0.96 0.00 | 27.81 0.93 0.00 | 27.90 0.94 0.00 | 30.94 0.97 0.00 | 35.53 1.03 0.00 | 34.05 0.93 0.00 | 35.83 0.86 -0.29 | 34.47 0.82 -0.31 | 30.89 0.62 -0.25 |
| NEG CAPITAL___MECHNVIL 23645 | 25.29 0.81 0.00 | 28.73 0.76 0.00 | 27.01 0.69 0.00 | 27.55 0.79 0.00 | 26.10 0.81 0.00 | 27.98 0.89 0.00 | 39.14 1.12 0.00 | 38.95 1.16 0.00 | 29.41 0.90 0.00 | 25.41 0.65 0.00 | 25.55 0.59 0.00 | 29.14 0.61 0.03 | 27.51 0.62 0.14 | 26.14 0.54 0.03 | 25.50 0.57 0.00 | 26.91 0.56 0.00 | 27.53 0.64 0.00 | 27.86 0.90 0.00 | 31.16 1.19 0.00 | 35.80 1.29 0.00 | 34.30 1.18 0.00 | 35.56 1.21 0.33 | 34.06 1.07 0.35 | 30.65 0.92 0.28 |
| NEG CENTRAL_HIGH_ACRES 23767 | 23.95 -0.53 0.00 | 27.50 -0.46 0.00 | 25.77 -0.54 0.00 | 26.21 -0.56 0.00 | 24.63 -0.66 0.00 | 26.54 -0.55 0.00 | 37.50 -0.52 0.00 | 37.09 -0.71 0.00 | 28.11 -0.39 0.00 | 24.49 -0.26 0.00 | 24.73 -0.23 0.00 | 28.44 -0.11 0.00 | 26.78 -0.25 0.00 | 25.61 -0.03 0.00 | 24.81 -0.12 0.00 | 26.36 0.01 0.00 | 26.91 0.02 0.00 | 26.71 -0.25 0.00 | 29.66 -0.31 0.00 | 34.23 -0.28 0.00 | 32.87 -0.24 0.00 | 34.52 -0.16 0.00 | 33.16 -0.18 0.00 | 29.82 -0.19 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL___DRP 24199 | 24.52 0.04 0.00 | 28.08 0.12 0.00 | 26.36 0.04 0.00 | 26.79 0.03 0.00 | 25.26 -0.03 0.00 | 27.18 0.09 0.00 | 38.37 0.35 0.00 | 38.04 0.25 0.00 | 28.75 0.25 0.00 | 25.01 0.26 0.00 | 25.21 0.24 0.00 | 28.90 0.35 0.00 | 27.23 0.20 0.00 | 25.95 0.32 0.00 | 25.15 0.23 0.00 | 26.73 0.38 0.00 | 27.31 0.43 0.00 | 27.25 0.29 0.00 | 30.26 0.30 0.00 | 34.99 0.49 0.00 | 33.62 0.50 0.00 | 35.21 0.53 0.00 | 33.82 0.48 0.00 | 30.34 0.32 0.00 |
| NEG CENTRAL___INDECK 23768 | 25.34 0.86 0.00 | 29.13 1.16 0.00 | 27.26 0.95 0.00 | 27.70 0.94 0.00 | 26.01 0.72 0.00 | 28.11 1.02 0.00 | 39.82 1.80 0.00 | 39.27 1.47 0.00 | 29.85 1.34 0.00 | 25.95 1.20 0.00 | 26.13 1.17 0.00 | 30.07 1.51 0.00 | 28.14 1.11 0.00 | 26.89 1.25 0.00 | 26.02 1.09 0.00 | 27.73 1.38 0.00 | 28.39 1.50 0.00 | 28.21 1.25 0.00 | 31.40 1.44 0.00 | 36.40 1.90 0.00 | 35.05 1.94 0.00 | 36.81 2.13 0.00 | 35.32 1.98 0.00 | 31.68 1.66 0.00 |
| NEG CENTRAL___SENECA 23627 | 24.63 0.15 0.00 | 28.23 0.27 0.00 | 26.47 0.15 0.00 | 26.90 0.13 0.00 | 25.34 0.05 0.00 | 27.31 0.22 0.00 | 38.60 0.58 0.00 | 38.23 0.44 0.00 | 28.97 0.46 0.00 | 25.21 0.46 0.00 | 25.41 0.45 0.00 | 29.17 0.62 0.00 | 27.44 0.41 0.00 | 26.19 0.56 0.00 | 25.33 0.41 0.00 | 26.99 0.64 0.00 | 27.61 0.73 0.00 | 27.47 0.51 0.00 | 30.48 0.52 0.00 | 35.28 0.78 0.00 | 33.88 0.77 0.00 | 35.51 0.83 0.00 | 34.10 0.76 0.00 | 30.57 0.55 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 24.55 0.07 0.00 | 28.08 0.12 0.00 | 26.40 0.08 0.00 | 26.84 0.08 0.00 | 25.34 0.05 0.00 | 27.21 0.12 0.00 | 38.37 0.35 0.00 | 38.05 0.25 0.00 | 28.68 0.18 0.00 | 24.85 0.09 0.00 | 25.05 0.08 0.00 | 28.70 0.15 0.00 | 27.12 0.09 0.00 | 25.81 0.18 0.00 | 25.06 0.13 0.00 | 26.55 0.20 0.00 | 26.96 0.08 0.00 | 27.10 0.13 0.00 | 30.17 0.20 0.00 | 34.74 0.24 0.00 | 33.49 0.37 0.00 | 35.06 0.39 0.00 | 33.71 0.37 0.00 | 30.24 0.22 0.00 |
| NEG MILLWOOD___DRP 24198 | 25.07 0.59 0.00 | 28.49 0.53 0.00 | 26.87 0.55 0.00 | 27.30 0.53 0.00 | 25.87 0.58 0.00 | 27.73 0.64 0.00 | 38.74 0.72 0.00 | 38.81 1.02 0.00 | 29.56 1.05 0.00 | 25.65 0.90 0.00 | 25.97 1.01 0.00 | 29.66 1.08 -0.03 | 28.32 1.14 -0.15 | 26.68 1.01 -0.03 | 26.01 1.08 0.00 | 27.41 1.06 0.00 | 27.91 1.02 0.00 | 27.98 1.02 0.00 | 31.01 1.05 0.00 | 35.60 1.09 0.00 | 34.11 0.99 0.00 | 35.94 0.93 -0.33 | 34.56 0.86 -0.36 | 30.95 0.65 -0.28 |
| NEG NORTH_FLCN_SEA 23793 | 25.73 1.25 0.00 | 29.39 1.43 0.00 | 27.63 1.31 0.00 | 28.12 1.36 0.00 | 26.51 1.22 0.00 | 28.40 1.31 0.00 | 39.99 1.97 0.00 | 39.66 1.86 0.00 | 29.80 1.30 0.00 | 25.80 1.04 0.00 | 25.82 0.86 0.00 | 29.48 0.92 0.00 | 27.92 0.88 0.00 | 26.49 0.85 0.00 | 25.76 0.83 0.00 | 27.24 0.89 0.00 | 27.90 1.02 0.00 | 28.03 1.07 0.00 | 31.16 1.19 0.00 | 35.77 1.26 0.00 | 34.30 1.18 0.00 | 35.98 1.30 0.00 | 34.57 1.23 0.00 | 31.25 1.24 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 25.10 0.62 0.00 | 28.75 0.79 0.00 | 27.04 0.72 0.00 | 27.51 0.74 0.00 | 25.87 0.58 0.00 | 27.70 0.60 0.00 | 39.07 1.05 0.00 | 38.82 1.02 0.00 | 29.11 0.61 0.00 | 25.22 0.47 0.00 | 25.40 0.44 0.00 | 29.18 0.62 0.00 | 27.63 0.59 0.00 | 26.19 0.56 0.00 | 25.45 0.52 0.00 | 26.95 0.60 0.00 | 27.57 0.68 0.00 | 27.65 0.69 0.00 | 30.72 0.75 0.00 | 35.37 0.87 0.00 | 33.97 0.85 0.00 | 35.65 0.98 0.00 | 34.27 0.93 0.00 | 30.95 0.94 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 25.68 1.20 0.00 | 29.35 1.39 0.00 | 27.59 1.27 0.00 | 28.08 1.31 0.00 | 26.45 1.16 0.00 | 28.35 1.26 0.00 | 39.93 1.91 0.00 | 39.61 1.81 0.00 | 29.72 1.21 0.00 | 25.71 0.95 0.00 | 25.76 0.80 0.00 | 29.44 0.89 0.00 | 27.89 0.85 0.00 | 26.45 0.82 0.00 | 25.73 0.80 0.00 | 27.21 0.86 0.00 | 27.88 0.99 0.00 | 28.03 1.06 0.00 | 31.17 1.20 0.00 | 35.88 1.37 0.00 | 34.42 1.30 0.00 | 36.11 1.43 0.00 | 34.68 1.34 0.00 | 31.32 1.31 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 25.68 1.20 0.00 | 29.35 1.39 0.00 | 27.59 1.27 0.00 | 28.08 1.31 0.00 | 26.45 1.16 0.00 | 28.35 1.26 0.00 | 39.93 1.91 0.00 | 39.61 1.81 0.00 | 29.72 1.21 0.00 | 25.71 0.95 0.00 | 25.76 0.80 0.00 | 29.44 0.89 0.00 | 27.89 0.85 0.00 | 26.45 0.82 0.00 | 25.73 0.80 0.00 | 27.21 0.86 0.00 | 27.88 0.99 0.00 | 28.03 1.06 0.00 | 31.17 1.20 0.00 | 35.88 1.37 0.00 | 34.42 1.30 0.00 | 36.11 1.43 0.00 | 34.68 1.34 0.00 | 31.32 1.31 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 25.68 1.20 0.00 | 29.35 1.39 0.00 | 27.59 1.27 0.00 | 28.08 1.31 0.00 | 26.45 1.16 0.00 | 28.35 1.26 0.00 | 39.93 1.91 0.00 | 39.61 1.81 0.00 | 29.72 1.21 0.00 | 25.71 0.96 0.00 | 25.76 0.80 0.00 | 29.44 0.89 0.00 | 27.89 0.85 0.00 | 26.45 0.82 0.00 | 25.73 0.80 0.00 | 27.21 0.86 0.00 | 27.88 0.99 0.00 | 28.02 1.06 0.00 | 31.17 1.21 0.00 | 35.88 1.37 0.00 | 34.42 1.31 0.00 | 36.11 1.43 0.00 | 34.68 1.34 0.00 | 31.32 1.31 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 24.19 -0.29 0.00 | 27.97 0.01 0.00 | 26.14 -0.18 0.00 | 26.57 -0.19 0.00 | 24.81 -0.48 0.00 | 26.85 -0.24 0.00 | 37.83 -0.19 0.00 | 37.08 -0.72 0.00 | 28.34 -0.16 0.00 | 24.74 -0.01 0.00 | 25.03 0.07 0.00 | 28.92 0.37 0.00 | 27.09 0.05 0.00 | 26.11 0.47 0.00 | 25.31 0.38 0.00 | 26.90 0.55 0.00 | 27.41 0.52 0.00 | 26.90 -0.07 0.00 | 29.63 -0.34 0.00 | 34.24 -0.27 0.00 | 33.03 -0.08 0.00 | 34.95 0.27 0.00 | 33.85 0.51 0.00 | 30.67 0.66 0.00 |
| NEG WEST___LANCASTR 23811 | 24.16 -0.32 0.00 | 27.86 -0.09 0.00 | 26.05 -0.27 0.00 | 26.45 -0.31 0.00 | 24.74 -0.55 0.00 | 26.78 -0.31 0.00 | 37.86 -0.16 0.00 | 37.21 -0.58 0.00 | 28.39 -0.11 0.00 | 24.76 0.01 0.00 | 25.01 0.05 0.00 | 28.90 0.35 0.00 | 27.17 0.14 0.00 | 26.14 0.50 0.00 | 25.32 0.39 0.00 | 26.94 0.59 0.00 | 27.43 0.54 0.00 | 27.00 0.04 0.00 | 29.80 -0.16 0.00 | 34.46 -0.04 0.00 | 33.16 0.04 0.00 | 34.93 0.26 0.00 | 33.78 0.43 0.00 | 30.39 0.38 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 24.51 0.03 0.00 | 28.05 0.09 0.00 | 26.35 0.03 0.00 | 26.78 0.02 0.00 | 25.27 -0.02 0.00 | 27.18 0.09 0.00 | 38.24 0.22 0.00 | 37.96 0.16 0.00 | 28.80 0.29 0.00 | 25.03 0.28 0.00 | 25.24 0.28 0.00 | 28.93 0.37 0.00 | 27.33 0.27 -0.02 | 25.99 0.36 0.00 | 25.21 0.28 0.00 | 26.70 0.35 0.00 | 27.24 0.36 0.00 | 27.20 0.24 0.00 | 30.21 0.24 0.00 | 34.92 0.42 0.00 | 33.51 0.39 0.00 | 35.10 0.37 -0.05 | 33.77 0.37 -0.06 | 30.24 0.18 -0.05 |
| NEG___GEN_MONROE 24207 | 24.78 0.29 0.00 | 28.45 0.49 0.00 | 26.64 0.32 0.00 | 27.06 0.30 0.00 | 25.35 0.06 0.00 | 27.37 0.29 0.00 | 38.68 0.66 0.00 | 38.18 0.39 0.00 | 28.95 0.45 0.00 | 25.23 0.48 0.00 | 25.49 0.53 0.00 | 29.36 0.80 0.00 | 27.58 0.55 0.00 | 26.42 0.79 0.00 | 25.66 0.73 0.00 | 27.20 0.85 0.00 | 27.79 0.90 0.00 | 27.51 0.55 0.00 | 30.45 0.48 0.00 | 35.19 0.68 0.00 | 33.88 0.76 0.00 | 35.71 1.04 0.00 | 34.47 1.13 0.00 | 30.99 0.98 0.00 |
| NEPA___ENERGY 23901 | 24.36 -0.12 0.00 | 28.06 0.10 0.00 | 26.20 -0.11 0.00 | 26.60 -0.16 0.00 | 24.89 -0.40 0.00 | 26.96 -0.13 0.00 | 38.14 0.12 0.00 | 37.51 -0.28 0.00 | 28.66 0.15 0.00 | 24.97 0.22 0.00 | 25.20 0.24 0.00 | 29.14 0.59 0.00 | 27.39 0.36 0.00 | 26.37 0.73 0.00 | 25.46 0.53 0.00 | 27.06 0.71 0.00 | 27.58 0.70 0.00 | 27.18 0.22 0.00 | 30.04 0.07 0.00 | 34.85 0.34 0.00 | 33.49 0.38 0.00 | 35.21 0.54 0.00 | 34.07 0.73 0.00 | 30.58 0.56 0.00 |

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| NEVERSINK___HYD 23608 | 24.62 0.14 0.00 | 28.02 0.06 0.00 | 26.38 0.06 0.00 | 26.78 0.02 0.00 | 25.37 0.08 0.00 | 27.21 0.12 0.00 | 38.04 0.02 0.00 | 38.05 0.25 0.00 | 28.94 0.44 0.00 | 25.14 0.38 0.00 | 25.39 0.43 0.00 | 28.99 0.42 -0.02 | 27.58 0.46 -0.09 | 25.99 0.33 -0.02 | 25.34 0.41 0.00 | 26.62 0.27 0.00 | 26.45 -0.44 0.00 | 26.60 -0.36 0.00 | 29.59 -0.37 0.00 | 34.10 -0.40 0.00 | 32.68 -0.44 0.00 | 34.42 -0.46 -0.20 | 33.98 0.43 -0.22 | 30.44 0.25 -0.18 |
| NEWKRMKL_115KV_TB1 55635 | 24.47 -0.01 0.00 | 27.87 -0.09 0.00 | 26.28 -0.03 0.00 | 26.74 -0.02 0.00 | 25.32 0.03 0.00 | 27.10 0.01 0.00 | 37.75 -0.26 0.00 | 37.60 -0.19 0.00 | 28.52 0.02 0.00 | 24.73 -0.02 0.00 | 24.91 -0.05 0.00 | 28.37 -0.16 0.02 | 26.83 -0.09 0.11 | 25.51 -0.10 0.03 | 24.89 -0.04 0.00 | 26.26 -0.09 0.00 | 26.77 -0.11 0.00 | 26.99 0.03 0.00 | 30.02 0.05 0.00 | 34.30 -0.20 0.00 | 32.93 -0.18 0.00 | 34.20 -0.22 0.26 | 32.81 -0.25 0.28 | 29.57 -0.22 0.22 |
| NEWTON___FALLS_HYD 23847 | 25.51 1.03 0.00 | 29.21 1.25 0.00 | 27.49 1.17 0.00 | 27.96 1.20 0.00 | 26.40 1.11 0.00 | 28.35 1.26 0.00 | 40.01 1.99 0.00 | 39.71 1.91 0.00 | 29.66 1.16 0.00 | 25.62 0.87 0.00 | 25.68 0.71 0.00 | 29.29 0.74 0.00 | 27.67 0.64 0.00 | 26.18 0.55 0.00 | 25.35 0.41 0.00 | 26.82 0.47 0.00 | 27.31 0.43 0.00 | 27.40 0.44 0.00 | 30.71 0.75 0.00 | 35.60 1.09 0.00 | 34.34 1.22 0.00 | 36.23 1.55 0.00 | 35.01 1.67 0.00 | 31.61 1.59 0.00 |
| NGRID_A1_DSASP 323792 | 23.85 -0.63 0.00 | 27.60 -0.36 0.00 | 25.79 -0.53 0.00 | 26.22 -0.54 0.00 | 24.47 -0.82 0.00 | 26.44 -0.65 0.00 | 37.24 -0.78 0.00 | 36.47 -1.33 0.00 | 27.86 -0.65 0.00 | 24.32 -0.43 0.00 | 24.65 -0.32 0.00 | 28.51 -0.05 0.00 | 26.76 -0.27 0.00 | 25.78 0.14 0.00 | 24.99 0.06 0.00 | 26.62 0.27 0.00 | 27.10 0.21 0.00 | 26.43 -0.54 0.00 | 29.10 -0.86 0.00 | 33.56 -0.94 0.00 | 32.36 -0.75 0.00 | 34.29 -0.39 0.00 | 33.18 -0.16 0.00 | 30.17 0.16 0.00 |
| NGRID_A2_DSASP 323793 | 23.85 -0.63 0.00 | 27.60 -0.36 0.00 | 25.79 -0.53 0.00 | 26.22 -0.54 0.00 | 24.47 -0.82 0.00 | 26.44 -0.65 0.00 | 37.24 -0.78 0.00 | 36.47 -1.33 0.00 | 27.86 -0.65 0.00 | 24.32 -0.43 0.00 | 24.65 -0.32 0.00 | 28.51 -0.05 0.00 | 26.76 -0.27 0.00 | 25.78 0.14 0.00 | 24.99 0.06 0.00 | 26.62 0.27 0.00 | 27.10 0.21 0.00 | 26.43 -0.54 0.00 | 29.10 -0.86 0.00 | 33.56 -0.94 0.00 | 32.36 -0.75 0.00 | 34.29 -0.39 0.00 | 33.18 -0.16 0.00 | 30.17 0.16 0.00 |
| NGRID_A4_DSASP 323807 | 23.85 -0.63 0.00 | 27.60 -0.36 0.00 | 25.79 -0.53 0.00 | 26.22 -0.54 0.00 | 24.47 -0.82 0.00 | 26.44 -0.65 0.00 | 37.24 -0.78 0.00 | 36.47 -1.33 0.00 | 27.86 -0.65 0.00 | 24.32 -0.43 0.00 | 24.65 -0.32 0.00 | 28.51 -0.05 0.00 | 26.76 -0.27 0.00 | 25.78 0.14 0.00 | 24.99 0.06 0.00 | 26.62 0.27 0.00 | 27.10 0.21 0.00 | 26.43 -0.54 0.00 | 29.10 -0.86 0.00 | 33.56 -0.94 0.00 | 32.36 -0.75 0.00 | 34.29 -0.39 0.00 | 33.18 -0.16 0.00 | 30.17 0.16 0.00 |
| NIAGARA_115E_LBMP 323715 | 23.89 -0.59 0.00 | 27.65 -0.31 0.00 | 25.83 -0.48 0.00 | 26.27 -0.49 0.00 | 24.52 -0.77 0.00 | 26.55 -0.54 0.00 | 37.34 -0.68 0.00 | 36.56 -1.23 0.00 | 27.96 -0.54 0.00 | 24.39 -0.36 0.00 | 24.70 -0.26 0.00 | 28.55 -0.01 0.00 | 26.68 -0.35 0.00 | 25.70 0.06 0.00 | 24.91 -0.02 0.00 | 26.51 0.16 0.00 | 27.00 0.11 0.00 | 26.43 -0.53 0.00 | 29.17 -0.80 0.00 | 33.65 -0.85 0.00 | 32.48 -0.64 0.00 | 34.43 -0.24 0.00 | 33.44 0.10 0.00 | 30.38 0.37 0.00 |
| NIAGARA_115W_LBMP 323714 | 23.81 -0.67 0.00 | 27.55 -0.42 0.00 | 25.74 -0.58 0.00 | 26.18 -0.59 0.00 | 24.43 -0.86 0.00 | 26.39 -0.70 0.00 | 37.17 -0.86 0.00 | 36.39 -1.41 0.00 | 27.80 -0.71 0.00 | 24.27 -0.48 0.00 | 24.59 -0.37 0.00 | 28.44 -0.12 0.00 | 26.70 -0.34 0.00 | 25.72 0.09 0.00 | 24.94 0.01 0.00 | 26.57 0.22 0.00 | 27.04 0.15 0.00 | 26.35 -0.61 0.00 | 29.02 -0.94 0.00 | 33.47 -1.03 0.00 | 32.28 -0.83 0.00 | 34.20 -0.48 0.00 | 33.09 -0.25 0.00 | 30.11 0.10 0.00 |
| NIAGARA_230_LBMP 323716 | 23.95 -0.53 0.00 | 27.69 -0.26 0.00 | 25.89 -0.43 0.00 | 26.33 -0.44 0.00 | 24.58 -0.71 0.00 | 26.57 -0.52 0.00 | 37.46 -0.56 0.00 | 36.69 -1.10 0.00 | 28.01 -0.50 0.00 | 24.45 -0.31 0.00 | 24.75 -0.21 0.00 | 28.62 0.07 0.00 | 26.86 -0.18 0.00 | 25.87 0.23 0.00 | 25.08 0.14 0.00 | 26.70 0.36 0.00 | 27.18 0.29 0.00 | 26.64 -0.32 0.00 | 29.40 -0.57 0.00 | 33.93 -0.58 0.00 | 32.68 -0.43 0.00 | 34.57 -0.10 0.00 | 33.45 0.11 0.00 | 30.28 0.27 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 23.80 -0.68 0.00 | 27.54 -0.42 0.00 | 25.74 -0.58 0.00 | 26.17 -0.59 0.00 | 24.43 -0.86 0.00 | 26.38 -0.71 0.00 | 37.17 -0.85 0.00 | 36.39 -1.40 0.00 | 27.80 -0.70 0.00 | 24.28 -0.47 0.00 | 24.59 -0.37 0.00 | 28.44 -0.12 0.00 | 26.70 -0.33 0.00 | 25.74 0.11 0.00 | 24.97 0.04 0.00 | 26.56 0.21 0.00 | 27.04 0.16 0.00 | 26.39 -0.58 0.00 | 29.00 -0.96 0.00 | 33.47 -1.03 0.00 | 32.28 -0.84 0.00 | 34.19 -0.48 0.00 | 33.09 -0.25 0.00 | 30.11 0.10 0.00 |
| NIAGARA____ 23760 | 23.95 -0.53 0.00 | 27.69 -0.26 0.00 | 25.89 -0.43 0.00 | 26.33 -0.44 0.00 | 24.58 -0.71 0.00 | 26.57 -0.52 0.00 | 37.46 -0.56 0.00 | 36.69 -1.10 0.00 | 28.01 -0.50 0.00 | 24.45 -0.31 0.00 | 24.75 -0.21 0.00 | 28.62 0.07 0.00 | 26.86 -0.18 0.00 | 25.87 0.23 0.00 | 25.08 0.14 0.00 | 26.70 0.36 0.00 | 27.18 0.29 0.00 | 26.64 -0.32 0.00 | 29.40 -0.57 0.00 | 33.93 -0.58 0.00 | 32.68 -0.43 0.00 | 34.57 -0.10 0.00 | 33.45 0.11 0.00 | 30.28 0.27 0.00 |
| NINE_MILE_1 23575 | 23.75 -0.73 0.00 | 27.15 -0.81 0.00 | 25.53 -0.78 0.00 | 25.97 -0.79 0.00 | 24.52 -0.77 0.00 | 26.26 -0.82 0.00 | 37.00 -1.02 0.00 | 36.70 -1.10 0.00 | 27.58 -0.92 0.00 | 23.99 -0.76 0.00 | 24.19 -0.77 0.00 | 27.68 -0.88 0.00 | 26.17 -0.86 0.00 | 24.86 -0.77 0.00 | 24.16 -0.77 0.00 | 25.55 -0.80 0.00 | 26.07 -0.81 0.00 | 26.11 -0.85 0.00 | 29.03 -0.94 0.00 | 33.47 -1.03 0.00 | 32.13 -0.99 0.00 | 33.66 -1.02 0.00 | 32.36 -0.98 0.00 | 29.10 -0.91 0.00 |
| NINE_MILE_2 23744 | 23.75 -0.73 0.00 | 27.15 -0.81 0.00 | 25.53 -0.78 0.00 | 25.98 -0.79 0.00 | 24.52 -0.77 0.00 | 26.27 -0.82 0.00 | 37.00 -1.02 0.00 | 36.70 -1.10 0.00 | 27.59 -0.92 0.00 | 23.99 -0.76 0.00 | 24.19 -0.77 0.00 | 27.68 -0.88 0.00 | 26.17 -0.86 0.00 | 24.86 -0.77 0.00 | 24.16 -0.77 0.00 | 25.55 -0.80 0.00 | 26.07 -0.81 0.00 | 26.11 -0.85 0.00 | 29.03 -0.94 0.00 | 33.48 -1.03 0.00 | 32.13 -0.99 0.00 | 33.66 -1.02 0.00 | 32.36 -0.98 0.00 | 29.10 -0.91 0.00 |
| NM_CAPITAL___DRP 24208 | 24.54 0.06 0.00 | 27.94 -0.02 0.00 | 26.35 0.03 0.00 | 26.82 0.05 0.00 | 25.38 0.09 0.00 | 27.16 0.08 0.00 | 37.84 -0.18 0.00 | 37.69 -0.10 0.00 | 28.58 0.07 0.00 | 24.78 0.02 0.00 | 24.96 0.00 0.00 | 28.44 -0.09 0.02 | 26.90 -0.01 0.12 | 25.57 -0.04 0.03 | 24.96 0.03 0.00 | 26.32 -0.03 0.00 | 26.82 -0.06 0.00 | 27.03 0.06 0.00 | 30.05 0.08 0.00 | 34.35 -0.15 0.00 | 32.98 -0.14 0.00 | 34.23 -0.16 0.29 | 32.84 -0.19 0.31 | 29.60 -0.16 0.25 |
| NM_CENTRAL___DRP 24181 | 24.19 -0.29 0.00 | 27.64 -0.32 0.00 | 25.98 -0.34 0.00 | 26.42 -0.35 0.00 | 24.94 -0.35 0.00 | 26.75 -0.33 0.00 | 37.69 -0.33 0.00 | 37.40 -0.40 0.00 | 28.19 -0.32 0.00 | 24.52 -0.23 0.00 | 24.72 -0.24 0.00 | 28.28 -0.28 0.00 | 26.72 -0.31 0.00 | 25.40 -0.23 0.00 | 24.68 -0.25 0.00 | 26.09 -0.26 0.00 | 26.62 -0.26 0.00 | 26.65 -0.31 0.00 | 29.66 -0.31 0.00 | 34.22 -0.29 0.00 | 32.85 -0.26 0.00 | 34.38 -0.29 0.00 | 33.07 -0.27 0.00 | 29.71 -0.31 0.00 |

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| NM_FRONTIER___DRP 24179 | 23.80 -0.68 0.00 | 27.54 -0.42 0.00 | 25.74 -0.58 0.00 | 26.17 -0.59 0.00 | 24.43 -0.86 0.00 | 26.38 -0.71 0.00 | 37.17 -0.85 0.00 | 36.39 -1.40 0.00 | 27.80 -0.70 0.00 | 24.28 -0.47 0.00 | 24.59 -0.37 0.00 | 28.44 -0.12 0.00 | 26.70 -0.33 0.00 | 25.74 0.11 0.00 | 24.97 0.04 0.00 | 26.56 0.21 0.00 | 27.04 0.16 0.00 | 26.39 -0.58 0.00 | 29.00 -0.96 0.00 | 33.47 -1.03 0.00 | 32.28 -0.84 0.00 | 34.19 -0.48 0.00 | 33.09 -0.25 0.00 | 30.11 0.10 0.00 |
| NM_ST_REGIS___HYD 24053 | 25.58 1.10 0.00 | 29.28 1.32 0.00 | 27.55 1.23 0.00 | 28.01 1.25 0.00 | 26.39 1.10 0.00 | 28.27 1.18 0.00 | 39.89 1.87 0.00 | 39.59 1.79 0.00 | 29.57 1.06 0.00 | 25.57 0.82 0.00 | 25.74 0.78 0.00 | 29.53 0.97 0.00 | 27.93 0.90 0.00 | 26.45 0.82 0.00 | 25.67 0.74 0.00 | 27.20 0.85 0.00 | 27.72 0.83 0.00 | 27.66 0.70 0.00 | 30.84 0.88 0.00 | 35.67 1.17 0.00 | 34.37 1.25 0.00 | 36.26 1.58 0.00 | 34.96 1.62 0.00 | 31.56 1.55 0.00 |
| NORTHPORT___1 23551 | 24.68 0.19 0.00 | 28.06 0.10 0.00 | 26.43 0.12 0.00 | 26.78 0.02 0.00 | 25.41 0.12 0.00 | 27.29 0.20 0.00 | 37.93 -0.09 0.00 | 37.98 0.18 0.00 | 28.95 0.44 0.00 | 25.28 0.52 0.00 | 25.88 0.92 0.00 | 29.60 1.01 -0.03 | 27.91 0.72 -0.16 | 26.06 0.39 -0.04 | 25.55 0.62 0.00 | 26.67 0.32 0.00 | 27.07 0.19 0.00 | 24.13 0.10 2.93 | 30.01 0.05 0.00 | 34.44 -0.06 0.00 | 26.05 -0.18 6.88 | 34.90 -0.15 -0.37 | 33.75 0.02 -0.40 | 30.42 0.10 -0.32 |
| NORTHPORT___2 23552 | 24.68 0.19 0.00 | 28.06 0.10 0.00 | 26.43 0.12 0.00 | 26.78 0.02 0.00 | 25.41 0.12 0.00 | 27.29 0.20 0.00 | 37.93 -0.09 0.00 | 37.98 0.18 0.00 | 28.95 0.44 0.00 | 25.28 0.52 0.00 | 25.88 0.92 0.00 | 29.60 1.01 -0.03 | 27.91 0.72 -0.16 | 26.06 0.39 -0.04 | 25.55 0.62 0.00 | 26.67 0.32 0.00 | 27.07 0.19 0.00 | 24.13 0.10 2.93 | 30.01 0.05 0.00 | 34.44 -0.06 0.00 | 26.05 -0.18 6.88 | 34.90 -0.15 -0.37 | 33.75 0.02 -0.40 | 30.42 0.10 -0.32 |
| NORTHPORT___3 23553 | 24.82 0.34 0.00 | 28.24 0.28 0.00 | 26.59 0.27 0.00 | 26.95 0.19 0.00 | 25.54 0.25 0.00 | 27.43 0.34 0.00 | 38.19 0.17 0.00 | 38.22 0.42 0.00 | 29.14 0.63 0.00 | 25.41 0.66 0.00 | 26.02 1.06 0.00 | 29.77 1.18 -0.03 | 28.09 0.90 -0.16 | 26.23 0.56 -0.04 | 25.70 0.77 0.00 | 26.84 0.49 0.00 | 27.26 0.38 0.00 | 24.35 0.30 2.92 | 30.24 0.27 0.00 | 34.67 0.17 0.00 | 26.33 0.06 6.85 | 35.12 0.08 -0.37 | 34.00 0.26 -0.40 | 30.63 0.30 -0.32 |
| NORTHPORT___4 23650 | 24.82 0.34 0.00 | 28.24 0.28 0.00 | 26.59 0.27 0.00 | 26.95 0.19 0.00 | 25.54 0.25 0.00 | 27.43 0.34 0.00 | 38.19 0.17 0.00 | 38.22 0.42 0.00 | 29.14 0.63 0.00 | 25.41 0.66 0.00 | 26.02 1.06 0.00 | 29.77 1.18 -0.03 | 28.09 0.90 -0.16 | 26.23 0.56 -0.04 | 25.70 0.77 0.00 | 26.84 0.49 0.00 | 27.26 0.38 0.00 | 24.35 0.30 2.92 | 30.24 0.27 0.00 | 34.67 0.17 0.00 | 26.33 0.06 6.85 | 35.12 0.08 -0.37 | 34.00 0.26 -0.40 | 30.63 0.30 -0.32 |
| NORTHPORT___IC 23718 | 24.67 0.19 0.00 | 28.06 0.10 0.00 | 26.43 0.12 0.00 | 26.78 0.01 0.00 | 25.41 0.12 0.00 | 27.29 0.20 0.00 | 37.93 -0.09 0.00 | 37.98 0.18 0.00 | 28.95 0.44 0.00 | 25.28 0.53 0.00 | 25.88 0.92 0.00 | 29.60 1.01 -0.03 | 27.91 0.72 -0.16 | 26.05 0.38 -0.04 | 25.54 0.61 0.00 | 26.68 0.33 0.00 | 27.07 0.18 0.00 | 24.13 0.09 2.93 | 30.02 0.05 0.00 | 34.44 -0.07 0.00 | 26.06 -0.17 6.88 | 34.90 -0.15 -0.37 | 33.75 0.02 -0.40 | 30.42 0.09 -0.32 |
| NORTH___COUNTRY_ESR 323785 | 25.01 0.53 0.00 | 28.65 0.68 0.00 | 26.94 0.63 0.00 | 27.41 0.64 0.00 | 25.78 0.49 0.00 | 27.60 0.51 0.00 | 38.93 0.91 0.00 | 38.71 0.91 0.00 | 29.10 0.59 0.00 | 25.21 0.46 0.00 | 25.40 0.43 0.00 | 29.17 0.62 0.00 | 27.63 0.59 0.00 | 26.19 0.56 0.00 | 25.45 0.52 0.00 | 26.95 0.60 0.00 | 27.57 0.68 0.00 | 27.64 0.68 0.00 | 30.71 0.74 0.00 | 35.30 0.80 0.00 | 33.86 0.74 0.00 | 35.55 0.87 0.00 | 34.17 0.83 0.00 | 30.87 0.85 0.00 |
| NPX_GEN_1385_PROXY 323591 | 24.73 0.25 0.00 | 28.09 0.13 0.00 | 26.43 0.12 0.00 | 26.78 0.02 0.00 | 25.41 0.12 0.00 | 27.30 0.21 0.00 | 38.18 0.01 -0.15 | 38.20 0.41 0.00 | 29.01 0.50 0.00 | 25.31 0.56 0.00 | 25.48 0.52 0.00 | 29.26 0.68 -0.03 | 27.83 0.64 -0.16 | 25.99 0.32 -0.04 | 25.47 0.54 0.00 | 26.61 0.27 0.00 | 27.20 0.31 0.00 | 24.27 0.24 2.93 | 30.33 0.36 0.00 | 34.79 0.29 0.00 | 26.25 0.02 6.88 | 35.20 0.15 -0.37 | 33.75 0.02 -0.40 | 30.43 0.10 -0.32 |
| NPX_GEN_CSC 323557 | 24.41 -0.07 0.00 | 27.70 -0.26 0.00 | 26.08 -0.23 0.00 | 26.43 -0.33 0.00 | 25.07 -0.22 0.00 | 26.95 -0.14 0.00 | 37.55 -0.62 -0.15 | 37.51 -0.28 0.00 | 28.67 0.16 0.00 | 25.08 0.33 0.00 | 25.67 0.71 0.00 | 29.35 0.77 -0.03 | 27.72 0.52 -0.16 | 25.88 0.21 -0.04 | 25.38 0.46 0.00 | 26.61 0.26 0.00 | 27.11 0.22 0.00 | 24.20 0.13 2.89 | 29.96 0.00 0.00 | 34.41 -0.09 0.00 | 26.16 -0.17 6.79 | 34.91 -0.13 -0.37 | 33.57 -0.17 -0.40 | 30.13 -0.20 -0.32 |
| NSINS_S_GLNS_FALLS 23858 | 25.36 0.88 0.00 | 28.83 0.87 0.00 | 27.08 0.76 0.00 | 27.59 0.82 0.00 | 26.16 0.86 0.00 | 28.07 0.98 0.00 | 39.31 1.29 0.00 | 39.08 1.29 0.00 | 29.43 0.93 0.00 | 25.36 0.61 0.00 | 25.49 0.53 0.00 | 29.12 0.59 0.02 | 27.48 0.57 0.12 | 25.96 0.36 0.03 | 25.32 0.39 0.00 | 26.71 0.36 0.00 | 27.40 0.51 0.00 | 27.83 0.87 0.00 | 31.35 1.39 0.00 | 35.98 1.47 0.00 | 34.48 1.36 0.00 | 35.83 1.43 0.28 | 34.26 1.22 0.30 | 30.89 1.12 0.24 |
| NUCOR_STEEL___DRP 24197 | 24.53 0.05 0.00 | 28.04 0.08 0.00 | 26.38 0.06 0.00 | 26.82 0.05 0.00 | 25.32 0.03 0.00 | 27.17 0.08 0.00 | 38.33 0.30 0.00 | 38.00 0.20 0.00 | 28.64 0.13 0.00 | 24.79 0.04 0.00 | 24.98 0.02 0.00 | 28.61 0.06 0.00 | 27.07 0.04 0.00 | 25.76 0.13 0.00 | 25.02 0.09 0.00 | 26.49 0.14 0.00 | 26.89 0.00 0.00 | 27.03 0.07 0.00 | 30.11 0.14 0.00 | 34.65 0.15 0.00 | 33.41 0.29 0.00 | 34.98 0.30 0.00 | 33.65 0.31 0.00 | 30.19 0.18 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 25.37 0.89 0.00 | 29.05 1.09 0.00 | 27.37 1.05 0.00 | 27.85 1.09 0.00 | 26.32 1.03 0.00 | 28.34 1.25 0.00 | 39.97 1.95 0.00 | 39.70 1.91 0.00 | 29.73 1.23 0.00 | 25.66 0.91 0.00 | 25.63 0.67 0.00 | 29.10 0.55 0.00 | 27.47 0.43 0.00 | 25.99 0.36 0.00 | 25.13 0.20 0.00 | 26.55 0.19 0.00 | 27.07 0.18 0.00 | 27.32 0.35 0.00 | 30.75 0.78 0.00 | 35.62 1.12 0.00 | 34.31 1.19 0.00 | 36.08 1.40 0.00 | 34.93 1.60 0.00 | 31.56 1.55 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 24.48 0.00 0.00 | 27.96 0.00 0.00 | 26.32 0.00 0.00 | 26.76 0.00 0.00 | 25.29 0.00 0.00 | 27.09 0.00 0.00 | 38.02 0.00 0.00 | 37.80 0.00 0.00 | 28.51 0.00 0.00 | 24.75 0.00 0.00 | 24.96 0.00 0.00 | 28.55 0.00 0.00 | 27.03 0.00 0.00 | 25.63 0.00 0.00 | 24.93 0.00 0.00 | 26.35 0.00 0.00 | 26.89 0.00 0.00 | 26.96 0.00 0.00 | 29.97 0.00 0.00 | 34.50 0.00 0.00 | 33.12 0.00 0.00 | 34.68 0.00 0.00 | 33.34 0.00 0.00 | 30.01 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 24.98 0.50 0.00 | 28.39 0.43 0.00 | 26.73 0.41 0.00 | 27.07 0.31 0.00 | 25.69 0.40 0.00 | 27.61 0.52 0.00 | 38.41 0.39 0.00 | 38.49 0.69 0.00 | 29.37 0.86 0.00 | 25.65 0.90 0.00 | 26.22 1.26 0.00 | 29.98 1.39 -0.03 | 28.33 1.13 -0.16 | 26.45 0.78 -0.04 | 25.92 0.99 0.00 | 27.14 0.79 0.00 | 27.60 0.72 0.00 | 24.76 0.64 2.84 | 30.59 0.62 0.00 | 35.10 0.60 0.00 | 26.91 0.46 6.67 | 35.55 0.50 -0.37 | 34.30 0.57 -0.40 | 30.85 0.52 -0.32 |

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| NYPA_GOWANUS____GT5 24156 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NYPA_GOWANUS____GT6 24157 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.58 0.00 | 27.28 0.52 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.07 0.00 | 29.68 1.18 0.00 | 25.76 1.00 0.00 | 26.09 1.13 0.00 | 29.79 1.20 -0.03 | 28.52 1.32 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.50 1.15 0.00 | 28.02 1.14 0.00 | 28.03 1.07 0.00 | 30.95 0.99 0.00 | 35.55 1.05 0.00 | 34.04 0.92 0.00 | 35.92 0.88 -0.37 | 34.59 0.86 -0.40 | 30.97 0.64 -0.32 |
| NYPA_HARLEM__RVR__GT1 24160 | 25.03 0.55 0.00 | 28.34 0.38 0.00 | 26.93 0.61 0.00 | 27.27 0.51 0.00 | 25.91 0.62 0.00 | 27.70 0.61 0.00 | 38.69 0.67 0.00 | 38.84 1.04 0.00 | 29.66 1.16 0.00 | 25.69 0.94 0.00 | 26.05 1.08 0.00 | 29.73 1.14 -0.03 | 28.46 1.26 -0.16 | 26.72 1.05 -0.04 | 26.11 1.17 0.00 | 27.43 1.08 0.00 | 27.95 1.07 0.00 | 27.98 1.02 0.00 | 30.88 0.91 0.00 | 35.48 0.97 0.00 | 33.97 0.86 0.00 | 35.85 0.80 -0.37 | 34.51 0.78 -0.40 | 30.92 0.59 -0.32 |
| NYPA_HARLEM__RVR__GT2 24161 | 25.03 0.55 0.00 | 28.34 0.38 0.00 | 26.93 0.61 0.00 | 27.27 0.51 0.00 | 25.91 0.62 0.00 | 27.70 0.61 0.00 | 38.69 0.67 0.00 | 38.84 1.04 0.00 | 29.66 1.16 0.00 | 25.69 0.94 0.00 | 26.05 1.08 0.00 | 29.73 1.14 -0.03 | 28.46 1.26 -0.16 | 26.72 1.05 -0.04 | 26.11 1.17 0.00 | 27.43 1.08 0.00 | 27.95 1.07 0.00 | 27.98 1.02 0.00 | 30.88 0.91 0.00 | 35.48 0.97 0.00 | 33.97 0.86 0.00 | 35.85 0.80 -0.37 | 34.51 0.78 -0.40 | 30.92 0.59 -0.32 |
| NYPA_KENT____GT 24152 | 25.05 0.57 0.00 | 28.41 0.45 0.00 | 26.90 0.58 0.00 | 27.27 0.51 0.00 | 25.89 0.60 0.00 | 27.73 0.64 0.00 | 38.72 0.70 0.00 | 38.86 1.06 0.00 | 29.67 1.16 0.00 | 25.76 1.01 0.00 | 26.10 1.14 0.00 | 29.78 1.20 -0.03 | 28.51 1.31 -0.16 | 26.79 1.12 -0.04 | 26.17 1.24 0.00 | 27.51 1.16 0.00 | 28.02 1.13 0.00 | 28.03 1.07 0.00 | 30.93 0.97 0.00 | 35.52 1.02 0.00 | 34.01 0.90 0.00 | 35.89 0.85 -0.37 | 34.56 0.82 -0.40 | 30.95 0.62 -0.32 |
| NYPA_POUCH1____GT 24155 | 25.03 0.55 0.00 | 28.41 0.45 0.00 | 26.88 0.56 0.00 | 27.25 0.48 0.00 | 25.87 0.58 0.00 | 27.71 0.62 0.00 | 38.72 0.70 0.00 | 38.82 1.03 0.00 | 29.63 1.12 0.00 | 25.71 0.96 0.00 | 26.03 1.07 0.00 | 29.73 1.14 -0.03 | 28.47 1.28 -0.16 | 26.73 1.06 -0.04 | 26.12 1.18 0.00 | 27.44 1.09 0.00 | 27.97 1.08 0.00 | 27.98 1.02 0.00 | 30.90 0.93 0.00 | 35.51 1.01 0.00 | 34.00 0.89 0.00 | 35.89 0.84 -0.37 | 34.56 0.83 -0.40 | 30.95 0.62 -0.32 |
| NYPA_VERNON____GT2 24162 | 25.05 0.57 0.00 | 28.39 0.44 0.00 | 26.89 0.57 0.00 | 27.26 0.50 0.00 | 25.88 0.59 0.00 | 27.72 0.63 0.00 | 38.69 0.67 0.00 | 38.82 1.03 0.00 | 29.66 1.16 0.00 | 25.76 1.01 0.00 | 26.12 1.16 0.00 | 29.78 1.19 -0.03 | 28.50 1.31 -0.16 | 26.80 1.13 -0.04 | 26.18 1.25 0.00 | 27.51 1.16 0.00 | 28.01 1.13 0.00 | 28.03 1.06 0.00 | 30.92 0.95 0.00 | 35.49 0.99 0.00 | 33.99 0.87 0.00 | 35.87 0.82 -0.37 | 34.53 0.79 -0.40 | 30.92 0.59 -0.32 |
| NYPA_VERNON____GT3 24163 | 25.05 0.57 0.00 | 28.39 0.44 0.00 | 26.89 0.57 0.00 | 27.26 0.50 0.00 | 25.88 0.59 0.00 | 27.72 0.63 0.00 | 38.69 0.67 0.00 | 38.82 1.03 0.00 | 29.66 1.16 0.00 | 25.76 1.01 0.00 | 26.12 1.16 0.00 | 29.78 1.19 -0.03 | 28.50 1.31 -0.16 | 26.80 1.13 -0.04 | 26.18 1.25 0.00 | 27.51 1.16 0.00 | 28.01 1.13 0.00 | 28.03 1.06 0.00 | 30.92 0.95 0.00 | 35.49 0.99 0.00 | 33.99 0.87 0.00 | 35.87 0.82 -0.37 | 34.53 0.79 -0.40 | 30.92 0.59 -0.32 |
| NYPA____ASTORIA_CC1 323568 | 25.03 0.55 0.00 | 28.37 0.40 0.00 | 26.87 0.55 0.00 | 27.24 0.48 0.00 | 25.87 0.58 0.00 | 27.69 0.61 0.00 | 38.64 0.62 0.00 | 38.79 0.99 0.00 | 29.63 1.13 0.00 | 25.75 1.00 0.00 | 26.10 1.14 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.49 1.14 0.00 | 27.98 1.10 0.00 | 27.99 1.03 0.00 | 30.88 0.91 0.00 | 35.45 0.95 0.00 | 33.94 0.83 0.00 | 35.83 0.79 -0.37 | 34.49 0.76 -0.40 | 30.89 0.56 -0.32 |
| NYPA____ASTORIA_CC2 323569 | 25.03 0.55 0.00 | 28.37 0.40 0.00 | 26.87 0.55 0.00 | 27.24 0.48 0.00 | 25.87 0.58 0.00 | 27.69 0.61 0.00 | 38.64 0.62 0.00 | 38.79 0.99 0.00 | 29.63 1.13 0.00 | 25.75 1.00 0.00 | 26.10 1.14 0.00 | 29.74 1.16 -0.03 | 28.47 1.27 -0.16 | 26.78 1.11 -0.04 | 26.16 1.23 0.00 | 27.49 1.14 0.00 | 27.98 1.10 0.00 | 27.99 1.03 0.00 | 30.88 0.91 0.00 | 35.45 0.95 0.00 | 33.94 0.83 0.00 | 35.83 0.79 -0.37 | 34.49 0.76 -0.40 | 30.89 0.56 -0.32 |
| NYPA____HOLTSVILL 23794 | 24.74 0.27 0.00 | 28.11 0.15 0.00 | 26.47 0.15 0.00 | 26.81 0.05 0.00 | 25.43 0.14 0.00 | 27.33 0.24 0.00 | 37.97 -0.05 0.00 | 38.03 0.24 0.00 | 29.03 0.52 0.00 | 25.38 0.63 0.00 | 25.97 1.01 0.00 | 29.70 1.11 -0.03 | 28.05 0.85 -0.16 | 26.20 0.54 -0.04 | 25.68 0.75 0.00 | 26.90 0.55 0.00 | 27.36 0.48 0.00 | 24.45 0.38 2.89 | 30.29 0.32 0.00 | 34.77 0.27 0.00 | 26.49 0.17 6.79 | 35.24 0.20 -0.37 | 33.98 0.24 -0.40 | 30.54 0.21 -0.32 |
| NYPA____HELLGATE_GT1 24158 | 25.03 0.55 0.00 | 28.34 0.38 0.00 | 26.93 0.61 0.00 | 27.27 0.51 0.00 | 25.91 0.62 0.00 | 27.70 0.61 0.00 | 38.69 0.67 0.00 | 38.84 1.04 0.00 | 29.66 1.16 0.00 | 25.69 0.94 0.00 | 26.05 1.08 0.00 | 29.73 1.14 -0.03 | 28.46 1.26 -0.16 | 26.72 1.05 -0.04 | 26.11 1.17 0.00 | 27.43 1.08 0.00 | 27.95 1.07 0.00 | 27.98 1.02 0.00 | 30.88 0.91 0.00 | 35.48 0.97 0.00 | 33.97 0.86 0.00 | 35.85 0.80 -0.37 | 34.51 0.78 -0.40 | 30.92 0.59 -0.32 |
| NYPA____HELLGATE_GT2 24159 | 25.03 0.55 0.00 | 28.34 0.38 0.00 | 26.93 0.61 0.00 | 27.27 0.51 0.00 | 25.91 0.62 0.00 | 27.70 0.61 0.00 | 38.69 0.67 0.00 | 38.84 1.04 0.00 | 29.66 1.16 0.00 | 25.69 0.94 0.00 | 26.05 1.08 0.00 | 29.73 1.14 -0.03 | 28.46 1.26 -0.16 | 26.72 1.05 -0.04 | 26.11 1.17 0.00 | 27.43 1.08 0.00 | 27.95 1.07 0.00 | 27.98 1.02 0.00 | 30.88 0.91 0.00 | 35.48 0.97 0.00 | 33.97 0.86 0.00 | 35.85 0.80 -0.37 | 34.51 0.78 -0.40 | 30.92 0.59 -0.32 |
| NYS_BARGE____HYD 23848 | 24.21 -0.27 0.00 | 27.99 0.03 0.00 | 26.14 -0.18 0.00 | 26.59 -0.18 0.00 | 24.82 -0.46 0.00 | 26.87 -0.22 0.00 | 37.86 -0.17 0.00 | 37.10 -0.69 0.00 | 28.37 -0.13 0.00 | 24.75 0.00 0.00 | 25.05 0.09 0.00 | 28.94 0.39 0.00 | 27.09 0.05 0.00 | 26.09 0.45 0.00 | 25.27 0.34 0.00 | 26.90 0.55 0.00 | 27.40 0.52 0.00 | 26.86 -0.10 0.00 | 29.65 -0.32 0.00 | 34.24 -0.27 0.00 | 33.04 -0.07 0.00 | 34.96 0.28 0.00 | 33.87 0.54 0.00 | 30.71 0.70 0.00 |
| OAK ORCHARD____HYD 24046 | 24.44 -0.04 0.00 | 28.10 0.14 0.00 | 26.32 0.00 0.00 | 26.75 -0.01 0.00 | 25.12 -0.17 0.00 | 27.08 -0.01 0.00 | 38.24 0.22 0.00 | 37.75 -0.04 0.00 | 28.68 0.17 0.00 | 24.99 0.24 0.00 | 25.25 0.29 0.00 | 29.05 0.50 0.00 | 27.35 0.32 0.00 | 26.19 0.55 0.00 | 25.40 0.47 0.00 | 26.99 0.64 0.00 | 27.53 0.64 0.00 | 27.27 0.31 0.00 | 30.24 0.27 0.00 | 34.91 0.41 0.00 | 33.58 0.46 0.00 | 35.29 0.61 0.00 | 33.95 0.61 0.00 | 30.55 0.54 0.00 |

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| OAKDALE___35_KV_LOAD 356122 | 24.40 -0.08 0.00 | 27.92 -0.04 0.00 | 26.24 -0.08 0.00 | 26.67 -0.09 0.00 | 25.17 -0.12 0.00 | 27.06 -0.03 0.00 | 38.05 0.03 0.00 | 37.77 -0.03 0.00 | 28.65 0.14 0.00 | 24.91 0.16 0.00 | 25.11 0.15 0.00 | 28.77 0.21 0.00 | 27.19 0.13 -0.02 | 25.87 0.23 0.00 | 25.09 0.16 0.00 | 26.56 0.21 0.00 | 27.10 0.21 0.00 | 27.06 0.09 0.00 | 30.05 0.08 0.00 | 34.72 0.22 0.00 | 33.32 0.20 0.00 | 34.91 0.18 -0.05 | 33.59 0.19 -0.06 | 30.10 0.04 -0.05 |
| OCC_CHEM___DRP 24175 | 23.84 -0.63 0.00 | 27.60 -0.36 0.00 | 25.79 -0.53 0.00 | 26.22 -0.54 0.00 | 24.47 -0.82 0.00 | 26.44 -0.65 0.00 | 37.24 -0.78 0.00 | 36.47 -1.33 0.00 | 27.86 -0.65 0.00 | 24.33 -0.42 0.00 | 24.65 -0.31 0.00 | 28.51 -0.05 0.00 | 26.76 -0.27 0.00 | 25.80 0.17 0.00 | 25.02 0.10 0.00 | 26.61 0.26 0.00 | 27.10 0.21 0.00 | 26.46 -0.50 0.00 | 29.08 -0.88 0.00 | 33.57 -0.94 0.00 | 32.37 -0.75 0.00 | 34.29 -0.39 0.00 | 33.19 -0.15 0.00 | 30.17 0.16 0.00 |
| OH_GEN_PROXY 24063 | 23.94 -0.54 0.00 | 27.69 -0.27 0.00 | 25.88 -0.44 0.00 | 26.31 -0.45 0.00 | 24.58 -0.72 0.00 | 26.56 -0.53 0.00 | 37.62 -0.56 -0.15 | 36.74 -1.06 0.00 | 28.03 -0.47 0.00 | 24.47 -0.28 0.00 | 24.76 -0.20 0.00 | 28.64 0.08 0.00 | 26.88 -0.15 0.00 | 25.88 0.25 0.00 | 25.09 0.16 0.00 | 26.72 0.38 0.00 | 27.21 0.32 0.00 | 26.68 -0.28 0.00 | 29.45 -0.52 0.00 | 33.99 -0.51 0.00 | 32.73 -0.38 0.00 | 34.60 -0.08 0.00 | 33.45 0.12 0.00 | 30.26 0.25 0.00 |
| OLIN_CORP_DRP 24177 | 23.92 -0.56 0.00 | 27.67 -0.29 0.00 | 25.86 -0.46 0.00 | 26.29 -0.47 0.00 | 24.55 -0.74 0.00 | 26.58 -0.51 0.00 | 37.38 -0.64 0.00 | 36.61 -1.19 0.00 | 27.99 -0.52 0.00 | 24.43 -0.32 0.00 | 24.73 -0.23 0.00 | 28.58 0.03 0.00 | 26.73 -0.30 0.00 | 25.77 0.13 0.00 | 25.00 0.07 0.00 | 26.56 0.21 0.00 | 27.06 0.17 0.00 | 26.52 -0.45 0.00 | 29.21 -0.76 0.00 | 33.72 -0.78 0.00 | 32.55 -0.57 0.00 | 34.49 -0.18 0.00 | 33.48 0.14 0.00 | 30.39 0.38 0.00 |
| OLIN_CORP_DSASP 323712 | 23.85 -0.63 0.00 | 27.60 -0.36 0.00 | 25.79 -0.53 0.00 | 26.22 -0.54 0.00 | 24.47 -0.82 0.00 | 26.44 -0.65 0.00 | 37.24 -0.78 0.00 | 36.47 -1.33 0.00 | 27.86 -0.65 0.00 | 24.32 -0.43 0.00 | 24.65 -0.32 0.00 | 28.51 -0.05 0.00 | 26.76 -0.27 0.00 | 25.78 0.14 0.00 | 24.99 0.06 0.00 | 26.62 0.27 0.00 | 27.10 0.21 0.00 | 26.43 -0.54 0.00 | 29.10 -0.86 0.00 | 33.56 -0.94 0.00 | 32.36 -0.75 0.00 | 34.29 -0.39 0.00 | 33.18 -0.16 0.00 | 30.17 0.16 0.00 |
| ONEIDA_HERK_LFGE 323681 | 25.14 0.66 0.00 | 28.71 0.75 0.00 | 27.03 0.71 0.00 | 27.49 0.72 0.00 | 25.97 0.67 0.00 | 27.90 0.81 0.00 | 39.27 1.25 0.00 | 39.05 1.26 0.00 | 29.37 0.87 0.00 | 25.42 0.67 0.00 | 25.51 0.55 0.00 | 29.01 0.46 0.00 | 27.41 0.38 0.00 | 25.97 0.34 0.00 | 25.20 0.28 0.00 | 26.63 0.29 0.00 | 27.21 0.33 0.00 | 27.42 0.46 0.00 | 30.73 0.76 0.00 | 35.55 1.05 0.00 | 34.17 1.05 0.00 | 35.79 1.11 0.00 | 34.48 1.15 0.00 | 31.03 1.02 0.00 |
| ONEIDA___115KV_TB4 55905 | 25.10 0.62 0.00 | 28.57 0.61 0.00 | 26.83 0.52 0.00 | 27.30 0.53 0.00 | 25.78 0.49 0.00 | 27.69 0.60 0.00 | 38.98 0.96 0.00 | 38.75 0.95 0.00 | 29.21 0.70 0.00 | 25.32 0.57 0.00 | 25.47 0.51 0.00 | 28.98 0.42 0.00 | 27.37 0.33 0.00 | 25.97 0.34 0.00 | 25.23 0.30 0.00 | 26.68 0.33 0.00 | 27.28 0.39 0.00 | 27.43 0.47 0.00 | 30.69 0.73 0.00 | 35.54 1.04 0.00 | 34.15 1.04 0.00 | 35.72 1.04 0.00 | 34.29 0.95 0.00 | 30.77 0.76 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 24.33 -0.15 0.00 | 27.80 -0.16 0.00 | 26.13 -0.19 0.00 | 26.57 -0.19 0.00 | 25.09 -0.20 0.00 | 26.92 -0.17 0.00 | 37.92 -0.10 0.00 | 37.64 -0.16 0.00 | 28.37 -0.13 0.00 | 24.68 -0.07 0.00 | 24.87 -0.09 0.00 | 28.44 -0.11 0.00 | 26.87 -0.17 0.00 | 25.53 -0.10 0.00 | 24.80 -0.13 0.00 | 26.22 -0.13 0.00 | 26.77 -0.11 0.00 | 26.81 -0.15 0.00 | 29.84 -0.12 0.00 | 34.47 -0.03 0.00 | 33.09 -0.02 0.00 | 34.62 -0.06 0.00 | 33.29 -0.05 0.00 | 29.88 -0.13 0.00 |
| ONONDAGA___COGEN 23986 | 24.31 -0.17 0.00 | 27.79 -0.17 0.00 | 26.12 -0.20 0.00 | 26.56 -0.20 0.00 | 25.09 -0.20 0.00 | 26.91 -0.18 0.00 | 37.91 -0.11 0.00 | 37.62 -0.18 0.00 | 28.34 -0.17 0.00 | 24.64 -0.11 0.00 | 24.83 -0.13 0.00 | 28.41 -0.15 0.00 | 26.84 -0.20 0.00 | 25.51 -0.12 0.00 | 24.79 -0.14 0.00 | 26.22 -0.13 0.00 | 26.75 -0.14 0.00 | 26.80 -0.16 0.00 | 29.83 -0.13 0.00 | 34.43 -0.08 0.00 | 33.06 -0.05 0.00 | 34.60 -0.08 0.00 | 33.25 -0.08 0.00 | 29.86 -0.15 0.00 |
| ONTARIO___LFGE 23819 | 24.63 0.15 0.00 | 28.23 0.26 0.00 | 26.47 0.15 0.00 | 26.90 0.13 0.00 | 25.35 0.05 0.00 | 27.31 0.22 0.00 | 38.60 0.58 0.00 | 38.23 0.43 0.00 | 28.97 0.46 0.00 | 25.21 0.46 0.00 | 25.41 0.45 0.00 | 29.17 0.62 0.00 | 27.44 0.41 0.00 | 26.19 0.55 0.00 | 25.32 0.39 0.00 | 26.99 0.64 0.00 | 27.61 0.73 0.00 | 27.46 0.50 0.00 | 30.49 0.53 0.00 | 35.28 0.78 0.00 | 33.88 0.77 0.00 | 35.50 0.83 0.00 | 34.10 0.76 0.00 | 30.57 0.55 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 24.36 -0.12 0.00 | 28.09 0.13 0.00 | 26.26 -0.06 0.00 | 26.67 -0.09 0.00 | 24.99 -0.30 0.00 | 27.03 -0.06 0.00 | 38.16 0.14 0.00 | 37.53 -0.27 0.00 | 28.61 0.10 0.00 | 24.92 0.16 0.00 | 25.15 0.19 0.00 | 29.02 0.47 0.00 | 27.20 0.17 0.00 | 26.13 0.49 0.00 | 25.28 0.35 0.00 | 26.95 0.60 0.00 | 27.48 0.60 0.00 | 27.12 0.15 0.00 | 30.01 0.05 0.00 | 34.71 0.21 0.00 | 33.43 0.31 0.00 | 35.21 0.53 0.00 | 34.00 0.66 0.00 | 30.63 0.61 0.00 |
| ORANGEVILLE___ESR 323794 | 24.36 -0.12 0.00 | 28.09 0.13 0.00 | 26.26 -0.06 0.00 | 26.67 -0.09 0.00 | 24.99 -0.30 0.00 | 27.03 -0.06 0.00 | 38.16 0.14 0.00 | 37.53 -0.27 0.00 | 28.61 0.10 0.00 | 24.92 0.16 0.00 | 25.15 0.19 0.00 | 29.02 0.47 0.00 | 27.20 0.17 0.00 | 26.13 0.49 0.00 | 25.28 0.35 0.00 | 26.95 0.60 0.00 | 27.48 0.60 0.00 | 27.12 0.15 0.00 | 30.01 0.05 0.00 | 34.71 0.21 0.00 | 33.43 0.31 0.00 | 35.21 0.53 0.00 | 34.00 0.66 0.00 | 30.63 0.61 0.00 |
| OSWEGATCHIE___HYD 24044 | 25.51 1.03 0.00 | 29.21 1.25 0.00 | 27.49 1.17 0.00 | 27.96 1.20 0.00 | 26.40 1.11 0.00 | 28.35 1.26 0.00 | 40.01 1.99 0.00 | 39.71 1.91 0.00 | 29.66 1.16 0.00 | 25.62 0.87 0.00 | 25.68 0.71 0.00 | 29.29 0.74 0.00 | 27.67 0.64 0.00 | 26.18 0.55 0.00 | 25.34 0.41 0.00 | 26.81 0.46 0.00 | 27.31 0.43 0.00 | 27.40 0.44 0.00 | 30.71 0.75 0.00 | 35.60 1.09 0.00 | 34.34 1.22 0.00 | 36.23 1.55 0.00 | 35.01 1.67 0.00 | 31.60 1.59 0.00 |
| OSWEGO___5 23606 | 23.92 -0.56 0.00 | 27.35 -0.61 0.00 | 25.72 -0.60 0.00 | 26.16 -0.60 0.00 | 24.70 -0.59 0.00 | 26.47 -0.62 0.00 | 37.27 -0.75 0.00 | 36.97 -0.83 0.00 | 27.83 -0.68 0.00 | 24.19 -0.56 0.00 | 24.39 -0.57 0.00 | 27.91 -0.65 0.00 | 26.38 -0.65 0.00 | 25.07 -0.57 0.00 | 24.36 -0.57 0.00 | 25.76 -0.59 0.00 | 26.29 -0.60 0.00 | 26.32 -0.64 0.00 | 29.28 -0.69 0.00 | 33.75 -0.75 0.00 | 32.42 -0.70 0.00 | 33.94 -0.74 0.00 | 32.64 -0.70 0.00 | 29.35 -0.67 0.00 |
| OSWEGO___6 23613 | 23.92 -0.56 0.00 | 27.35 -0.61 0.00 | 25.72 -0.60 0.00 | 26.16 -0.60 0.00 | 24.70 -0.59 0.00 | 26.47 -0.62 0.00 | 37.27 -0.75 0.00 | 36.97 -0.83 0.00 | 27.83 -0.68 0.00 | 24.19 -0.56 0.00 | 24.39 -0.57 0.00 | 27.91 -0.65 0.00 | 26.38 -0.65 0.00 | 25.07 -0.57 0.00 | 24.36 -0.57 0.00 | 25.76 -0.59 0.00 | 26.29 -0.60 0.00 | 26.32 -0.64 0.00 | 29.28 -0.69 0.00 | 33.75 -0.75 0.00 | 32.42 -0.70 0.00 | 33.94 -0.74 0.00 | 32.64 -0.70 0.00 | 29.35 -0.67 0.00 |

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| OUTOKUMPU-AB___DRP 24206 | 24.39 -0.09 0.00 | 28.17 0.21 0.00 | 26.31 -0.01 0.00 | 26.74 -0.02 0.00 | 24.97 -0.31 0.00 | 27.02 -0.07 0.00 | 38.10 0.08 0.00 | 37.38 -0.41 0.00 | 28.58 0.08 0.00 | 24.95 0.20 0.00 | 25.27 0.31 0.00 | 29.22 0.67 0.00 | 27.40 0.37 0.00 | 26.40 0.76 0.00 | 25.60 0.67 0.00 | 27.22 0.87 0.00 | 27.73 0.84 0.00 | 27.18 0.22 0.00 | 29.95 -0.02 0.00 | 34.58 0.07 0.00 | 33.34 0.22 0.00 | 35.22 0.55 0.00 | 34.09 0.75 0.00 | 30.88 0.86 0.00 |
| OXBOW___BTM 323836 | 24.11 -0.37 0.00 | 27.87 -0.10 0.00 | 26.03 -0.28 0.00 | 26.46 -0.30 0.00 | 24.71 -0.58 0.00 | 26.72 -0.37 0.00 | 37.66 -0.36 0.00 | 36.91 -0.88 0.00 | 28.22 -0.29 0.00 | 24.64 -0.11 0.00 | 24.95 -0.01 0.00 | 28.86 0.30 0.00 | 27.08 0.05 0.00 | 26.08 0.45 0.00 | 25.29 0.36 0.00 | 26.93 0.58 0.00 | 27.42 0.54 0.00 | 26.79 -0.17 0.00 | 29.54 -0.43 0.00 | 34.07 -0.43 0.00 | 32.85 -0.27 0.00 | 34.75 0.07 0.00 | 33.63 0.29 0.00 | 30.51 0.50 0.00 |
| OXBOW___ 24026 | 24.10 -0.38 0.00 | 27.87 -0.09 0.00 | 26.03 -0.28 0.00 | 26.47 -0.30 0.00 | 24.71 -0.58 0.00 | 26.72 -0.37 0.00 | 37.66 -0.36 0.00 | 36.91 -0.88 0.00 | 28.22 -0.29 0.00 | 24.64 -0.11 0.00 | 24.95 -0.01 0.00 | 28.85 0.30 0.00 | 27.08 0.05 0.00 | 26.10 0.47 0.00 | 25.32 0.39 0.00 | 26.92 0.57 0.00 | 27.42 0.54 0.00 | 26.82 -0.14 0.00 | 29.52 -0.44 0.00 | 34.07 -0.43 0.00 | 32.85 -0.27 0.00 | 34.75 0.07 0.00 | 33.64 0.29 0.00 | 30.52 0.51 0.00 |
| OXY_CHEM_DSASP 323612 | 23.84 -0.63 0.00 | 27.60 -0.36 0.00 | 25.79 -0.53 0.00 | 26.22 -0.54 0.00 | 24.47 -0.82 0.00 | 26.44 -0.65 0.00 | 37.24 -0.78 0.00 | 36.47 -1.33 0.00 | 27.86 -0.65 0.00 | 24.33 -0.42 0.00 | 24.65 -0.31 0.00 | 28.51 -0.05 0.00 | 26.76 -0.27 0.00 | 25.80 0.17 0.00 | 25.02 0.10 0.00 | 26.61 0.26 0.00 | 27.10 0.21 0.00 | 26.46 -0.50 0.00 | 29.08 -0.88 0.00 | 33.57 -0.94 0.00 | 32.37 -0.75 0.00 | 34.29 -0.39 0.00 | 33.19 -0.15 0.00 | 30.17 0.16 0.00 |
| OZONE_PARK_ESR 323760 | 25.23 0.75 0.00 | 28.66 0.70 0.00 | 27.06 0.74 0.00 | 27.46 0.70 0.00 | 26.03 0.74 0.00 | 27.92 0.83 0.00 | 39.00 0.98 0.00 | 39.12 1.33 0.00 | 29.84 1.34 0.00 | 25.88 1.13 0.00 | 26.25 1.29 0.00 | 29.99 1.40 -0.03 | 28.64 1.45 -0.16 | 26.95 1.28 -0.04 | 26.29 1.36 0.00 | 27.66 1.31 0.00 | 28.18 1.30 0.00 | 28.20 1.24 0.00 | 31.17 1.20 0.00 | 35.77 1.26 0.00 | 34.27 1.16 0.00 | 36.13 1.09 -0.37 | 34.78 1.04 -0.40 | 31.15 0.81 -0.32 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 23.84 -0.63 0.00 | 27.60 -0.36 0.00 | 25.79 -0.53 0.00 | 26.22 -0.54 0.00 | 24.47 -0.82 0.00 | 26.44 -0.65 0.00 | 37.24 -0.78 0.00 | 36.47 -1.33 0.00 | 27.86 -0.65 0.00 | 24.33 -0.42 0.00 | 24.65 -0.31 0.00 | 28.51 -0.05 0.00 | 26.76 -0.27 0.00 | 25.80 0.17 0.00 | 25.02 0.10 0.00 | 26.61 0.26 0.00 | 27.10 0.21 0.00 | 26.46 -0.50 0.00 | 29.08 -0.88 0.00 | 33.57 -0.94 0.00 | 32.37 -0.75 0.00 | 34.29 -0.39 0.00 | 33.19 -0.15 0.00 | 30.17 0.16 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 23.84 -0.63 0.00 | 27.60 -0.36 0.00 | 25.79 -0.53 0.00 | 26.22 -0.54 0.00 | 24.47 -0.82 0.00 | 26.44 -0.65 0.00 | 37.24 -0.78 0.00 | 36.47 -1.33 0.00 | 27.86 -0.65 0.00 | 24.33 -0.42 0.00 | 24.65 -0.31 0.00 | 28.51 -0.05 0.00 | 26.76 -0.27 0.00 | 25.80 0.17 0.00 | 25.02 0.10 0.00 | 26.61 0.26 0.00 | 27.10 0.21 0.00 | 26.46 -0.50 0.00 | 29.08 -0.88 0.00 | 33.57 -0.94 0.00 | 32.37 -0.75 0.00 | 34.29 -0.39 0.00 | 33.19 -0.15 0.00 | 30.17 0.16 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 24.97 0.49 0.00 | 28.31 0.35 0.00 | 26.87 0.55 0.00 | 27.22 0.46 0.00 | 25.85 0.56 0.00 | 27.64 0.56 0.00 | 38.64 0.61 0.00 | 38.78 0.99 0.00 | 29.62 1.11 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.69 1.10 -0.03 | 28.42 1.22 -0.16 | 26.69 1.02 -0.04 | 26.06 1.13 0.00 | 27.40 1.05 0.00 | 27.92 1.04 0.00 | 27.93 0.96 0.00 | 30.87 0.90 0.00 | 35.44 0.93 0.00 | 33.94 0.83 0.00 | 35.82 0.77 -0.37 | 34.48 0.74 -0.40 | 30.89 0.56 -0.32 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 25.46 0.98 0.00 | 28.90 0.94 0.00 | 27.44 1.12 0.00 | 27.82 1.05 0.00 | 26.42 1.13 0.00 | 28.30 1.21 0.00 | 39.61 1.60 0.00 | 39.74 1.95 0.00 | 30.32 1.81 0.00 | 26.27 1.51 0.00 | 26.63 1.67 0.00 | 30.36 1.78 -0.03 | 29.03 1.84 -0.16 | 27.26 1.59 -0.04 | 26.60 1.67 0.00 | 27.99 1.64 0.00 | 28.51 1.63 0.00 | 28.51 1.55 0.00 | 31.52 1.56 0.00 | 36.17 1.66 0.00 | 34.65 1.54 0.00 | 36.54 1.50 -0.37 | 35.19 1.46 -0.40 | 31.54 1.21 -0.32 |
| PATROON__115KV_TB1 80586 | 24.54 0.06 0.00 | 27.95 -0.01 0.00 | 26.36 0.05 0.00 | 26.82 0.06 0.00 | 25.39 0.10 0.00 | 27.18 0.09 0.00 | 37.88 -0.14 0.00 | 37.74 -0.07 0.00 | 28.62 0.11 0.00 | 24.81 0.05 0.00 | 24.98 0.02 0.00 | 28.46 -0.07 0.02 | 26.92 0.01 0.11 | 25.59 -0.01 0.03 | 24.98 0.05 0.00 | 26.36 0.01 0.00 | 26.88 -0.01 0.00 | 27.09 0.13 0.00 | 30.14 0.17 0.00 | 34.44 -0.06 0.00 | 33.06 -0.05 0.00 | 34.32 -0.09 0.27 | 32.92 -0.13 0.29 | 29.67 -0.11 0.23 |
| PATTRSNVILLE___SOLAR 323815 | 24.95 0.47 0.00 | 28.47 0.51 0.00 | 26.80 0.48 0.00 | 27.25 0.49 0.00 | 25.79 0.50 0.00 | 27.65 0.55 0.00 | 38.72 0.70 0.00 | 38.50 0.70 0.00 | 29.00 0.49 0.00 | 25.01 0.26 0.00 | 25.07 0.11 0.00 | 28.54 0.00 0.02 | 26.95 0.01 0.09 | 25.59 -0.03 0.02 | 24.94 0.01 0.00 | 26.31 -0.04 0.00 | 26.90 0.01 0.00 | 27.15 0.19 0.00 | 30.45 0.49 0.00 | 35.32 0.82 0.00 | 33.94 0.82 0.00 | 35.30 0.82 0.21 | 33.85 0.73 0.22 | 30.46 0.62 0.18 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 24.30 -0.18 0.00 | 28.04 0.08 0.00 | 26.20 -0.12 0.00 | 26.61 -0.15 0.00 | 24.88 -0.41 0.00 | 26.94 -0.15 0.00 | 38.06 0.04 0.00 | 37.40 -0.40 0.00 | 28.55 0.04 0.00 | 24.92 0.17 0.00 | 25.18 0.22 0.00 | 29.11 0.56 0.00 | 27.36 0.32 0.00 | 26.33 0.70 0.00 | 25.53 0.60 0.00 | 27.16 0.81 0.00 | 27.66 0.78 0.00 | 27.21 0.24 0.00 | 30.02 0.05 0.00 | 34.69 0.19 0.00 | 33.40 0.29 0.00 | 35.22 0.54 0.00 | 34.04 0.70 0.00 | 30.66 0.64 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 25.07 0.59 0.00 | 28.49 0.53 0.00 | 26.87 0.55 0.00 | 27.30 0.53 0.00 | 25.87 0.58 0.00 | 27.73 0.64 0.00 | 38.74 0.72 0.00 | 38.81 1.02 0.00 | 29.56 1.05 0.00 | 25.65 0.90 0.00 | 25.97 1.01 0.00 | 29.66 1.08 -0.03 | 28.32 1.14 -0.15 | 26.68 1.01 -0.03 | 26.01 1.08 0.00 | 27.41 1.06 0.00 | 27.91 1.02 0.00 | 27.98 1.02 0.00 | 31.01 1.05 0.00 | 35.60 1.09 0.00 | 34.11 0.99 0.00 | 35.94 0.93 -0.33 | 34.56 0.86 -0.36 | 30.95 0.65 -0.28 |
| PEEKSKILL___ 23653 | 24.87 0.39 0.00 | 28.28 0.32 0.00 | 26.66 0.34 0.00 | 27.07 0.31 0.00 | 25.66 0.37 0.00 | 27.51 0.42 0.00 | 38.41 0.40 0.00 | 38.46 0.66 0.00 | 29.29 0.79 0.00 | 25.43 0.67 0.00 | 25.77 0.81 0.00 | 29.45 0.87 -0.03 | 28.11 0.93 -0.15 | 26.46 0.79 -0.04 | 25.80 0.87 0.00 | 27.16 0.81 0.00 | 27.64 0.76 0.00 | 27.70 0.74 0.00 | 30.65 0.68 0.00 | 35.20 0.70 0.00 | 33.75 0.63 0.00 | 35.59 0.56 -0.35 | 34.27 0.55 -0.38 | 30.73 0.42 -0.30 |
| PGE MADISON___WINDPWR 24146 | 25.50 1.02 0.00 | 29.31 1.35 0.00 | 27.55 1.23 0.00 | 28.12 1.36 0.00 | 26.59 1.30 0.00 | 28.64 1.55 0.00 | 40.51 2.49 0.00 | 40.36 2.56 0.00 | 31.60 3.10 0.00 | 27.41 2.66 0.00 | 27.54 2.58 0.00 | 31.07 2.51 -0.01 | 29.33 2.26 -0.04 | 27.78 2.14 -0.01 | 26.87 1.94 0.00 | 28.37 2.02 0.00 | 29.11 2.23 0.00 | 29.29 2.33 0.00 | 32.91 2.95 0.00 | 38.31 3.81 0.00 | 36.53 3.41 0.00 | 38.14 3.38 -0.08 | 36.52 3.09 -0.09 | 32.46 2.38 -0.07 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| PIERCEFIELD___HYD 23852 | 25.60 1.12 0.00 | 29.30 1.34 0.00 | 27.57 1.25 0.00 | 28.03 1.26 0.00 | 26.43 1.14 0.00 | 28.31 1.22 0.00 | 39.94 1.92 0.00 | 39.61 1.81 0.00 | 29.56 1.05 0.00 | 25.58 0.82 0.00 | 25.73 0.77 0.00 | 29.51 0.95 0.00 | 27.90 0.87 0.00 | 26.42 0.79 0.00 | 25.62 0.69 0.00 | 27.15 0.80 0.00 | 27.63 0.75 0.00 | 27.54 0.58 0.00 | 30.72 0.75 0.00 | 35.56 1.06 0.00 | 34.28 1.17 0.00 | 36.21 1.54 0.00 | 34.95 1.62 0.00 | 31.58 1.57 0.00 |
| PINELAWN_CC_1 323563 | 24.96 0.48 0.00 | 28.37 0.41 0.00 | 26.73 0.41 0.00 | 27.08 0.32 0.00 | 25.67 0.38 0.00 | 27.57 0.49 0.00 | 38.42 0.40 0.00 | 38.52 0.72 0.00 | 29.39 0.89 0.00 | 25.62 0.87 0.00 | 26.16 1.20 0.00 | 29.89 1.31 -0.03 | 28.28 1.08 -0.16 | 26.42 0.75 -0.04 | 25.88 0.95 0.00 | 27.12 0.77 0.00 | 27.61 0.73 0.00 | 25.04 0.66 2.58 | 30.62 0.65 0.00 | 35.12 0.62 0.00 | 27.55 0.50 6.06 | 35.57 0.53 -0.37 | 34.34 0.61 -0.40 | 30.85 0.52 -0.32 |
| PJM_GEN_HTTP_PROXY 323702 | 24.99 0.52 0.00 | 28.41 0.45 0.00 | 26.82 0.51 0.00 | 27.24 0.47 0.00 | 25.83 0.54 0.00 | 27.62 0.61 0.08 | 38.87 0.64 -0.21 | 38.77 0.97 0.00 | 29.57 1.06 0.00 | 25.64 0.89 0.00 | 26.00 1.04 0.00 | 29.70 1.11 -0.03 | 28.37 1.18 -0.16 | 26.70 1.03 -0.04 | 26.04 1.11 0.00 | 27.40 1.05 0.00 | 27.90 1.01 0.00 | 27.93 0.96 0.00 | 30.86 0.89 0.00 | 35.40 0.90 0.00 | 33.91 0.79 0.00 | 35.76 0.72 -0.37 | 34.43 0.69 -0.40 | 30.85 0.52 -0.32 |
| PJM_GEN_KEystone 24065 | 24.39 -0.09 0.00 | 27.91 -0.05 0.00 | 26.20 -0.12 0.00 | 26.60 -0.16 0.00 | 25.08 -0.21 0.00 | 26.94 -0.08 0.08 | 38.15 -0.08 -0.21 | 37.69 -0.11 0.00 | 28.72 0.21 0.00 | 24.97 0.22 0.00 | 25.24 0.27 0.00 | 28.97 0.40 -0.02 | 27.51 0.39 -0.08 | 26.12 0.47 -0.02 | 25.36 0.43 0.00 | 26.82 0.47 0.00 | 27.29 0.41 0.00 | 27.14 0.17 0.00 | 30.01 0.04 0.00 | 34.60 0.10 0.00 | 33.23 0.11 0.00 | 34.99 0.13 -0.19 | 33.79 0.25 -0.20 | 30.32 0.14 -0.16 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 24.85 0.37 0.00 | 28.25 0.28 0.00 | 26.61 0.29 0.00 | 26.99 0.22 0.00 | 25.59 0.30 0.00 | 27.40 0.39 0.08 | 38.49 0.26 -0.21 | 38.34 0.55 0.00 | 29.24 0.73 0.00 | 25.46 0.71 0.00 | 25.96 1.00 0.00 | 29.69 1.10 -0.03 | 28.16 0.96 -0.16 | 26.38 0.71 -0.04 | 25.80 0.87 0.00 | 27.01 0.67 0.00 | 27.48 0.60 0.00 | 24.41 0.55 3.10 | 30.46 0.49 0.00 | 34.95 0.45 0.00 | 26.19 0.35 7.28 | 35.42 0.37 -0.37 | 34.19 0.45 -0.40 | 30.71 0.38 -0.32 |
| PJM_GEN_VFT_PROXY 323633 | 24.95 0.46 0.00 | 28.33 0.37 0.00 | 26.74 0.42 0.00 | 27.14 0.38 0.00 | 25.74 0.45 0.00 | 27.53 0.52 0.08 | 38.74 0.52 -0.21 | 38.64 0.84 0.00 | 29.47 0.97 0.00 | 25.57 0.82 0.00 | 25.92 0.96 0.00 | 29.60 1.02 -0.03 | 28.30 1.10 -0.16 | 26.62 0.95 -0.04 | 25.97 1.04 0.00 | 27.32 0.98 0.00 | 27.82 0.93 0.00 | 27.84 0.87 0.00 | 30.75 0.78 0.00 | 35.29 0.79 0.00 | 33.80 0.68 0.00 | 35.64 0.60 -0.37 | 34.32 0.59 -0.40 | 30.75 0.42 -0.32 |
| PLATSBURG_115KV_PMLD1 355749 | 25.71 1.23 0.00 | 29.38 1.42 0.00 | 27.61 1.30 0.00 | 28.11 1.35 0.00 | 26.49 1.19 0.00 | 28.38 1.30 0.00 | 39.97 1.95 0.00 | 39.63 1.84 0.00 | 29.79 1.28 0.00 | 25.78 1.03 0.00 | 25.81 0.85 0.00 | 29.45 0.90 0.00 | 27.90 0.86 0.00 | 26.47 0.83 0.00 | 25.74 0.81 0.00 | 27.22 0.87 0.00 | 27.88 0.99 0.00 | 28.01 1.04 0.00 | 31.14 1.17 0.00 | 35.74 1.24 0.00 | 34.26 1.15 0.00 | 35.94 1.27 0.00 | 34.55 1.22 0.00 | 31.23 1.21 0.00 |
| PLEASANTVLY___LBMP 24000 | 24.77 0.29 0.00 | 28.16 0.20 0.00 | 26.57 0.25 0.00 | 27.01 0.25 0.00 | 25.60 0.31 0.00 | 27.41 0.32 0.00 | 38.25 0.23 0.00 | 38.28 0.48 0.00 | 29.12 0.61 0.00 | 25.26 0.51 0.00 | 25.59 0.63 0.00 | 29.24 0.64 -0.04 | 27.92 0.70 -0.18 | 26.26 0.59 -0.04 | 25.60 0.67 0.00 | 26.96 0.61 0.00 | 27.45 0.57 0.00 | 27.53 0.57 0.00 | 30.50 0.54 0.00 | 34.99 0.49 0.00 | 33.54 0.42 0.00 | 35.44 0.34 -0.42 | 34.13 0.34 -0.45 | 30.61 0.23 -0.36 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 24.96 0.47 0.00 | 28.35 0.39 0.00 | 26.74 0.43 0.00 | 27.16 0.40 0.00 | 25.76 0.47 0.00 | 27.62 0.53 0.00 | 38.52 0.50 0.00 | 38.60 0.80 0.00 | 29.40 0.90 0.00 | 25.53 0.78 0.00 | 25.86 0.91 0.00 | 29.54 0.95 -0.03 | 28.22 1.02 -0.17 | 26.57 0.90 -0.04 | 25.89 0.96 0.00 | 27.26 0.91 0.00 | 27.75 0.86 0.00 | 27.80 0.83 0.00 | 30.76 0.80 0.00 | 35.30 0.80 0.00 | 33.84 0.72 0.00 | 35.70 0.64 -0.38 | 34.37 0.62 -0.41 | 30.81 0.47 -0.33 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 24.96 0.47 0.00 | 28.35 0.39 0.00 | 26.74 0.43 0.00 | 27.16 0.40 0.00 | 25.76 0.47 0.00 | 27.62 0.53 0.00 | 38.52 0.50 0.00 | 38.60 0.80 0.00 | 29.40 0.90 0.00 | 25.53 0.78 0.00 | 25.86 0.91 0.00 | 29.54 0.95 -0.03 | 28.22 1.02 -0.17 | 26.57 0.90 -0.04 | 25.89 0.96 0.00 | 27.26 0.91 0.00 | 27.75 0.86 0.00 | 27.80 0.83 0.00 | 30.76 0.80 0.00 | 35.30 0.80 0.00 | 33.84 0.72 0.00 | 35.70 0.64 -0.38 | 34.37 0.62 -0.41 | 30.81 0.47 -0.33 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 24.92 0.44 0.00 | 28.34 0.38 0.00 | 26.72 0.41 0.00 | 27.17 0.40 0.00 | 25.74 0.45 0.00 | 27.57 0.47 0.00 | 38.50 0.48 0.00 | 38.56 0.77 0.00 | 29.33 0.83 0.00 | 25.44 0.69 0.00 | 25.75 0.79 0.00 | 29.37 0.82 0.00 | 27.91 0.88 0.00 | 26.38 0.75 0.00 | 25.76 0.83 0.00 | 27.16 0.81 0.00 | 27.67 0.79 0.00 | 27.77 0.81 0.00 | 30.81 0.84 0.00 | 35.38 0.88 0.00 | 33.90 0.78 0.00 | 35.37 0.69 0.00 | 33.99 0.65 0.00 | 30.48 0.47 0.00 |
| POLETTI_____ 23519 | 24.97 0.49 0.00 | 28.38 0.42 0.00 | 26.80 0.48 0.00 | 27.21 0.45 0.00 | 25.80 0.51 0.00 | 27.67 0.58 0.00 | 38.57 0.55 0.00 | 38.68 0.88 0.00 | 29.52 1.02 0.00 | 25.61 0.86 0.00 | 25.97 1.01 0.00 | 29.68 1.09 -0.03 | 28.36 1.17 -0.16 | 26.69 1.02 -0.04 | 26.03 1.10 0.00 | 27.39 1.05 0.00 | 27.89 1.00 0.00 | 27.91 0.94 0.00 | 30.83 0.87 0.00 | 35.36 0.86 0.00 | 33.87 0.75 0.00 | 35.72 0.68 -0.37 | 34.38 0.65 -0.40 | 30.81 0.48 -0.32 |
| POMONA___ESR 323819 | 24.89 0.41 0.00 | 28.32 0.36 0.00 | 26.67 0.35 0.00 | 27.09 0.33 0.00 | 25.66 0.37 0.00 | 27.53 0.44 0.00 | 38.46 0.44 0.00 | 38.49 0.70 0.00 | 29.32 0.81 0.00 | 25.46 0.71 0.00 | 25.80 0.84 0.00 | 29.49 0.90 -0.03 | 28.16 0.98 -0.14 | 26.50 0.84 -0.03 | 25.85 0.92 0.00 | 27.22 0.87 0.00 | 27.70 0.81 0.00 | 27.75 0.79 0.00 | 30.70 0.73 0.00 | 35.28 0.77 0.00 | 33.83 0.71 0.00 | 35.64 0.64 -0.32 | 34.34 0.65 -0.35 | 30.79 0.49 -0.28 |
| PORT_JEFF_3 23555 | 24.79 0.31 0.00 | 28.16 0.20 0.00 | 26.52 0.20 0.00 | 26.87 0.10 0.00 | 25.48 0.19 0.00 | 27.38 0.30 0.00 | 38.05 0.03 0.00 | 38.13 0.33 0.00 | 29.11 0.60 0.00 | 25.45 0.70 0.00 | 26.04 1.07 0.00 | 29.77 1.18 -0.03 | 28.12 0.92 -0.16 | 26.27 0.60 -0.04 | 25.75 0.82 0.00 | 26.98 0.63 0.00 | 27.45 0.57 0.00 | 24.54 0.47 2.89 | 30.38 0.42 0.00 | 34.88 0.37 0.00 | 26.60 0.27 6.79 | 35.34 0.30 -0.37 | 34.06 0.33 -0.40 | 30.62 0.29 -0.32 |
| PORT_JEFF_4 23616 | 24.79 0.31 0.00 | 28.16 0.20 0.00 | 26.52 0.20 0.00 | 26.87 0.10 0.00 | 25.48 0.19 0.00 | 27.38 0.30 0.00 | 38.05 0.03 0.00 | 38.13 0.33 0.00 | 29.11 0.60 0.00 | 25.45 0.70 0.00 | 26.04 1.07 0.00 | 29.77 1.18 -0.03 | 28.12 0.92 -0.16 | 26.27 0.60 -0.04 | 25.75 0.82 0.00 | 26.98 0.63 0.00 | 27.45 0.57 0.00 | 24.54 0.47 2.89 | 30.38 0.42 0.00 | 34.88 0.37 0.00 | 26.60 0.27 6.79 | 35.34 0.30 -0.37 | 34.06 0.33 -0.40 | 30.62 0.29 -0.32 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| PORT_JEFF_IC 23713 | 24.82 0.33 0.00 | 28.17 0.21 0.00 | 26.53 0.21 0.00 | 26.88 0.12 0.00 | 25.49 0.20 0.00 | 27.41 0.32 0.00 | 38.08 0.06 0.00 | 38.15 0.35 0.00 | 29.13 0.63 0.00 | 25.48 0.73 0.00 | 26.07 1.10 0.00 | 29.81 1.23 -0.03 | 28.14 0.95 -0.16 | 26.29 0.62 -0.04 | 25.77 0.85 0.00 | 27.02 0.68 0.00 | 27.50 0.61 0.00 | 24.60 0.51 2.88 | 30.44 0.48 0.00 | 34.93 0.43 0.00 | 26.68 0.33 6.76 | 35.39 0.35 -0.37 | 34.10 0.37 -0.40 | 30.64 0.31 -0.32 |
| PPL PILGRIM_ST_GT1 24216 | 24.98 0.50 0.00 | 28.39 0.43 0.00 | 26.73 0.41 0.00 | 27.07 0.31 0.00 | 25.69 0.40 0.00 | 27.61 0.52 0.00 | 38.41 0.39 0.00 | 38.49 0.69 0.00 | 29.37 0.86 0.00 | 25.65 0.90 0.00 | 26.22 1.26 0.00 | 29.98 1.39 -0.03 | 28.33 1.13 -0.16 | 26.45 0.78 -0.04 | 25.92 0.99 0.00 | 27.14 0.79 0.00 | 27.60 0.72 0.00 | 24.76 0.64 2.84 | 30.59 0.62 0.00 | 35.10 0.60 0.00 | 26.91 0.46 6.67 | 35.55 0.50 -0.37 | 34.30 0.57 -0.40 | 30.85 0.52 -0.32 |
| PPL PILGRIM_ST_GT2 24217 | 24.98 0.50 0.00 | 28.39 0.43 0.00 | 26.73 0.41 0.00 | 27.07 0.31 0.00 | 25.69 0.40 0.00 | 27.61 0.52 0.00 | 38.41 0.39 0.00 | 38.49 0.69 0.00 | 29.37 0.86 0.00 | 25.65 0.90 0.00 | 26.22 1.26 0.00 | 29.98 1.39 -0.03 | 28.33 1.13 -0.16 | 26.45 0.78 -0.04 | 25.92 0.99 0.00 | 27.14 0.79 0.00 | 27.60 0.72 0.00 | 24.76 0.64 2.84 | 30.59 0.62 0.00 | 35.10 0.60 0.00 | 26.91 0.46 6.67 | 35.55 0.50 -0.37 | 34.30 0.57 -0.40 | 30.85 0.52 -0.32 |
| PPL_SHRM_GT3 24213 | 24.44 -0.04 0.00 | 27.72 -0.24 0.00 | 26.11 -0.21 0.00 | 26.45 -0.31 0.00 | 25.09 -0.20 0.00 | 26.97 -0.12 0.00 | 37.42 -0.60 0.00 | 37.53 -0.26 0.00 | 28.68 0.17 0.00 | 25.10 0.35 0.00 | 25.68 0.72 0.00 | 29.37 0.78 -0.03 | 27.75 0.55 -0.16 | 25.89 0.23 -0.04 | 25.39 0.46 0.00 | 26.61 0.26 0.00 | 27.13 0.24 0.00 | 24.23 0.15 2.89 | 29.98 0.02 0.00 | 34.45 -0.06 0.00 | 26.20 -0.14 6.78 | 34.94 -0.10 -0.37 | 33.60 -0.14 -0.40 | 30.16 -0.17 -0.32 |
| PPL_SHRM_GT4 24214 | 24.44 -0.04 0.00 | 27.72 -0.24 0.00 | 26.11 -0.21 0.00 | 26.45 -0.31 0.00 | 25.09 -0.20 0.00 | 26.97 -0.12 0.00 | 37.42 -0.60 0.00 | 37.53 -0.26 0.00 | 28.68 0.17 0.00 | 25.10 0.35 0.00 | 25.68 0.72 0.00 | 29.37 0.78 -0.03 | 27.75 0.55 -0.16 | 25.89 0.23 -0.04 | 25.39 0.46 0.00 | 26.61 0.26 0.00 | 27.13 0.24 0.00 | 24.23 0.15 2.89 | 29.98 0.02 0.00 | 34.45 -0.06 0.00 | 26.20 -0.14 6.78 | 34.94 -0.10 -0.37 | 33.60 -0.14 -0.40 | 30.16 -0.17 -0.32 |
| PROJECT___ORANGE 1 24174 | 24.20 -0.28 0.00 | 27.65 -0.31 0.00 | 25.99 -0.33 0.00 | 26.43 -0.34 0.00 | 24.95 -0.34 0.00 | 26.76 -0.33 0.00 | 37.71 -0.31 0.00 | 37.42 -0.38 0.00 | 28.20 -0.31 0.00 | 24.53 -0.22 0.00 | 24.74 -0.22 0.00 | 28.29 -0.26 0.00 | 26.74 -0.30 0.00 | 25.42 -0.21 0.00 | 24.70 -0.23 0.00 | 26.10 -0.24 0.00 | 26.65 -0.23 0.00 | 26.67 -0.29 0.00 | 29.66 -0.31 0.00 | 34.24 -0.26 0.00 | 32.87 -0.25 0.00 | 34.39 -0.28 0.00 | 33.08 -0.26 0.00 | 29.71 -0.30 0.00 |
| PROJECT___ORANGE 2 24166 | 24.20 -0.28 0.00 | 27.65 -0.31 0.00 | 25.99 -0.33 0.00 | 26.43 -0.34 0.00 | 24.95 -0.34 0.00 | 26.76 -0.33 0.00 | 37.71 -0.31 0.00 | 37.42 -0.38 0.00 | 28.20 -0.31 0.00 | 24.53 -0.22 0.00 | 24.74 -0.22 0.00 | 28.29 -0.26 0.00 | 26.74 -0.30 0.00 | 25.42 -0.21 0.00 | 24.70 -0.23 0.00 | 26.10 -0.24 0.00 | 26.65 -0.23 0.00 | 26.67 -0.29 0.00 | 29.66 -0.31 0.00 | 34.24 -0.26 0.00 | 32.87 -0.25 0.00 | 34.39 -0.28 0.00 | 33.08 -0.26 0.00 | 29.71 -0.30 0.00 |
| PUCKETT___SOLAR 323809 | 24.64 0.16 0.00 | 28.24 0.27 0.00 | 26.53 0.22 0.00 | 27.01 0.25 0.00 | 25.52 0.23 0.00 | 27.45 0.36 0.00 | 38.65 0.63 0.00 | 38.38 0.58 0.00 | 29.22 0.71 0.00 | 25.38 0.62 0.00 | 25.53 0.57 0.00 | 29.10 0.54 -0.01 | 27.47 0.41 -0.03 | 26.05 0.41 -0.01 | 25.28 0.35 0.00 | 26.76 0.41 0.00 | 27.33 0.45 0.00 | 27.35 0.39 0.00 | 30.51 0.54 0.00 | 35.38 0.88 0.00 | 33.95 0.83 0.00 | 35.53 0.79 -0.06 | 34.16 0.75 -0.07 | 30.55 0.48 -0.06 |
| PYRITES___HYD 24023 | 26.02 1.54 0.00 | 29.80 1.84 0.00 | 28.00 1.69 0.00 | 28.47 1.71 0.00 | 26.87 1.58 0.00 | 28.80 1.71 0.00 | 40.66 2.64 0.00 | 40.20 2.41 0.00 | 29.75 1.25 0.00 | 25.66 0.90 0.00 | 25.81 0.85 0.00 | 29.59 1.03 0.00 | 27.97 0.94 0.00 | 26.49 0.86 0.00 | 25.71 0.78 0.00 | 27.26 0.91 0.00 | 27.81 0.92 0.00 | 27.72 0.76 0.00 | 31.03 1.06 0.00 | 36.25 1.75 0.00 | 35.09 1.98 0.00 | 36.96 2.29 0.00 | 35.59 2.25 0.00 | 32.12 2.11 0.00 |
| QUAKERRD_115KV_BK1 80622 | 23.87 -0.62 0.00 | 27.40 -0.56 0.00 | 25.69 -0.63 0.00 | 26.11 -0.65 0.00 | 24.54 -0.74 0.00 | 26.43 -0.66 0.00 | 37.31 -0.71 0.00 | 36.89 -0.91 0.00 | 27.95 -0.55 0.00 | 24.36 -0.39 0.00 | 24.60 -0.36 0.00 | 28.29 -0.26 0.00 | 26.66 -0.37 0.00 | 25.49 -0.14 0.00 | 24.74 -0.19 0.00 | 26.25 -0.10 0.00 | 26.79 -0.10 0.00 | 26.60 -0.36 0.00 | 29.48 -0.48 0.00 | 34.04 -0.46 0.00 | 32.71 -0.41 0.00 | 34.35 -0.32 0.00 | 33.03 -0.31 0.00 | 29.72 -0.30 0.00 |
| QUENSBRY_115KV_TB8 356137 | 25.37 0.89 0.00 | 28.83 0.87 0.00 | 27.07 0.76 0.00 | 27.58 0.81 0.00 | 26.16 0.87 0.00 | 28.08 0.99 0.00 | 39.34 1.32 0.00 | 39.11 1.31 0.00 | 29.44 0.93 0.00 | 25.37 0.61 0.00 | 25.51 0.55 0.00 | 29.16 0.63 0.02 | 27.52 0.61 0.12 | 25.99 0.39 0.03 | 25.34 0.41 0.00 | 26.73 0.38 0.00 | 27.43 0.54 0.00 | 27.88 0.92 0.00 | 31.43 1.47 0.00 | 36.05 1.55 0.00 | 34.54 1.42 0.00 | 35.90 1.50 0.28 | 34.31 1.27 0.30 | 30.95 1.18 0.24 |
| RAMAPO___LBMP 323565 | 24.79 0.31 0.00 | 28.21 0.25 0.00 | 26.56 0.24 0.00 | 26.98 0.21 0.00 | 25.56 0.27 0.00 | 27.41 0.32 0.00 | 38.30 0.28 0.00 | 38.32 0.52 0.00 | 29.17 0.67 0.00 | 25.33 0.58 0.00 | 25.67 0.71 0.00 | 29.34 0.75 -0.03 | 28.02 0.84 -0.14 | 26.36 0.70 -0.03 | 25.70 0.77 0.00 | 27.07 0.72 0.00 | 27.54 0.65 0.00 | 27.58 0.62 0.00 | 30.54 0.57 0.00 | 35.10 0.59 0.00 | 33.67 0.55 0.00 | 35.46 0.47 -0.31 | 34.18 0.50 -0.34 | 30.65 0.37 -0.27 |
| RANKINE____ 23646 | 24.39 -0.09 0.00 | 28.16 0.20 0.00 | 26.31 -0.01 0.00 | 26.73 -0.03 0.00 | 24.99 -0.31 0.00 | 27.03 -0.05 0.00 | 38.16 0.14 0.00 | 37.48 -0.32 0.00 | 28.64 0.13 0.00 | 24.99 0.24 0.00 | 25.26 0.30 0.00 | 29.21 0.65 0.00 | 27.42 0.39 0.00 | 26.41 0.78 0.00 | 25.60 0.67 0.00 | 27.23 0.88 0.00 | 27.74 0.85 0.00 | 27.27 0.31 0.00 | 30.08 0.12 0.00 | 34.77 0.27 0.00 | 33.49 0.38 0.00 | 35.33 0.66 0.00 | 34.16 0.82 0.00 | 30.81 0.80 0.00 |
| RAVENSWOOD_GT2_1 24244 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.65 0.63 0.00 | 38.76 0.97 0.00 | 29.57 1.06 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.39 1.19 -0.16 | 26.71 1.04 -0.04 | 26.06 1.12 0.00 | 27.42 1.07 0.00 | 27.91 1.03 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.93 0.00 | 33.94 0.82 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT2_2 24245 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.65 0.63 0.00 | 38.76 0.97 0.00 | 29.57 1.06 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.39 1.19 -0.16 | 26.71 1.04 -0.04 | 26.06 1.12 0.00 | 27.42 1.07 0.00 | 27.91 1.03 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.93 0.00 | 33.94 0.82 0.00 | 35.80 0.75 -0.37 | 34.46 0.73 -0.40 | 30.88 0.55 -0.32 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT2_3 24246 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.25 0.49 0.00 | 25.84 0.55 0.00 | 27.70 0.62 0.00 | 38.68 0.66 0.00 | 38.77 0.98 0.00 | 29.58 1.08 0.00 | 25.67 0.92 0.00 | 26.03 1.07 0.00 | 29.73 1.15 -0.03 | 28.40 1.20 -0.16 | 26.72 1.05 -0.04 | 26.07 1.14 0.00 | 27.44 1.09 0.00 | 27.93 1.04 0.00 | 27.95 0.99 0.00 | 30.90 0.93 0.00 | 35.45 0.95 0.00 | 33.96 0.84 0.00 | 35.81 0.77 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT2_4 24247 | 25.03 0.55 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.25 0.49 0.00 | 25.84 0.55 0.00 | 27.70 0.62 0.00 | 38.68 0.66 0.00 | 38.77 0.98 0.00 | 29.58 1.08 0.00 | 25.67 0.92 0.00 | 26.03 1.07 0.00 | 29.73 1.15 -0.03 | 28.40 1.20 -0.16 | 26.72 1.05 -0.04 | 26.07 1.14 0.00 | 27.44 1.09 0.00 | 27.93 1.04 0.00 | 27.95 0.99 0.00 | 30.90 0.93 0.00 | 35.45 0.95 0.00 | 33.96 0.84 0.00 | 35.81 0.77 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT3_1 24248 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.65 0.63 0.00 | 38.76 0.97 0.00 | 29.57 1.06 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.40 1.20 -0.16 | 26.71 1.04 -0.04 | 26.06 1.13 0.00 | 27.42 1.07 0.00 | 27.92 1.03 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.93 0.00 | 33.94 0.83 0.00 | 35.80 0.76 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT3_2 24249 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.65 0.63 0.00 | 38.76 0.97 0.00 | 29.57 1.06 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.40 1.20 -0.16 | 26.71 1.04 -0.04 | 26.06 1.13 0.00 | 27.42 1.07 0.00 | 27.92 1.03 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.93 0.00 | 33.94 0.83 0.00 | 35.80 0.76 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT3_3 24250 | 25.05 0.58 0.00 | 28.46 0.50 0.00 | 26.87 0.55 0.00 | 27.28 0.52 0.00 | 25.87 0.58 0.00 | 27.73 0.64 0.00 | 38.72 0.70 0.00 | 38.82 1.02 0.00 | 29.62 1.11 0.00 | 25.70 0.95 0.00 | 26.06 1.10 0.00 | 29.77 1.18 -0.03 | 28.43 1.24 -0.16 | 26.76 1.09 -0.04 | 26.10 1.17 0.00 | 27.47 1.12 0.00 | 27.96 1.08 0.00 | 27.99 1.02 0.00 | 30.93 0.97 0.00 | 35.49 0.99 0.00 | 34.00 0.89 0.00 | 35.86 0.81 -0.37 | 34.52 0.78 -0.40 | 30.93 0.60 -0.32 |
| RAVENSWOOD_GT3_4 24251 | 25.05 0.58 0.00 | 28.46 0.50 0.00 | 26.87 0.55 0.00 | 27.28 0.52 0.00 | 25.87 0.58 0.00 | 27.73 0.64 0.00 | 38.72 0.70 0.00 | 38.82 1.02 0.00 | 29.62 1.11 0.00 | 25.70 0.95 0.00 | 26.06 1.10 0.00 | 29.77 1.18 -0.03 | 28.43 1.24 -0.16 | 26.76 1.09 -0.04 | 26.10 1.17 0.00 | 27.47 1.12 0.00 | 27.96 1.08 0.00 | 27.99 1.02 0.00 | 30.93 0.97 0.00 | 35.49 0.99 0.00 | 34.00 0.89 0.00 | 35.86 0.81 -0.37 | 34.52 0.78 -0.40 | 30.93 0.60 -0.32 |
| RAVENSWOOD_GT_1 23729 | 25.05 0.57 0.00 | 28.39 0.43 0.00 | 26.89 0.57 0.00 | 27.26 0.50 0.00 | 25.88 0.59 0.00 | 27.72 0.63 0.00 | 38.69 0.67 0.00 | 38.82 1.03 0.00 | 29.66 1.16 0.00 | 25.76 1.01 0.00 | 26.12 1.16 0.00 | 29.78 1.19 -0.03 | 28.50 1.30 -0.16 | 26.80 1.13 -0.04 | 26.17 1.24 0.00 | 27.51 1.16 0.00 | 28.01 1.13 0.00 | 28.01 1.05 0.00 | 30.93 0.97 0.00 | 35.49 0.99 0.00 | 33.99 0.87 0.00 | 35.87 0.82 -0.37 | 34.53 0.79 -0.40 | 30.92 0.59 -0.32 |
| RAVENSWOOD_GT_10 24258 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.65 0.63 0.00 | 38.76 0.97 0.00 | 29.57 1.06 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.39 1.19 -0.16 | 26.71 1.04 -0.04 | 26.06 1.12 0.00 | 27.42 1.07 0.00 | 27.92 1.03 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.93 0.00 | 33.94 0.83 0.00 | 35.80 0.76 -0.37 | 34.47 0.73 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT_11 24259 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.65 0.63 0.00 | 38.76 0.97 0.00 | 29.57 1.06 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.39 1.19 -0.16 | 26.71 1.04 -0.04 | 26.06 1.12 0.00 | 27.42 1.07 0.00 | 27.92 1.03 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.93 0.00 | 33.94 0.83 0.00 | 35.80 0.76 -0.37 | 34.47 0.73 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT_4 24252 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.25 0.48 0.00 | 25.84 0.54 0.00 | 27.70 0.61 0.00 | 38.66 0.64 0.00 | 38.77 0.97 0.00 | 29.57 1.07 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.40 1.20 -0.16 | 26.71 1.04 -0.04 | 26.06 1.13 0.00 | 27.42 1.07 0.00 | 27.92 1.04 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.95 0.83 0.00 | 35.81 0.76 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT_5 24254 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.25 0.48 0.00 | 25.84 0.54 0.00 | 27.70 0.61 0.00 | 38.66 0.64 0.00 | 38.77 0.97 0.00 | 29.57 1.07 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.40 1.20 -0.16 | 26.71 1.04 -0.04 | 26.06 1.13 0.00 | 27.42 1.07 0.00 | 27.92 1.04 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.95 0.83 0.00 | 35.81 0.76 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT_6 24253 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.25 0.48 0.00 | 25.84 0.54 0.00 | 27.70 0.61 0.00 | 38.66 0.64 0.00 | 38.77 0.97 0.00 | 29.57 1.07 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.40 1.20 -0.16 | 26.71 1.04 -0.04 | 26.06 1.13 0.00 | 27.42 1.07 0.00 | 27.92 1.04 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.95 0.83 0.00 | 35.81 0.76 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT_7 24255 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.25 0.48 0.00 | 25.84 0.54 0.00 | 27.70 0.61 0.00 | 38.66 0.64 0.00 | 38.77 0.97 0.00 | 29.57 1.07 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.40 1.20 -0.16 | 26.71 1.04 -0.04 | 26.06 1.13 0.00 | 27.42 1.07 0.00 | 27.92 1.04 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.94 0.00 | 33.95 0.83 0.00 | 35.81 0.76 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.65 0.63 0.00 | 38.76 0.97 0.00 | 29.57 1.06 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.39 1.19 -0.16 | 26.71 1.04 -0.04 | 26.06 1.12 0.00 | 27.42 1.07 0.00 | 27.92 1.03 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.93 0.00 | 33.94 0.83 0.00 | 35.80 0.76 -0.37 | 34.47 0.73 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD_GT_9 24257 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.24 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.65 0.63 0.00 | 38.76 0.97 0.00 | 29.57 1.06 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.39 1.19 -0.16 | 26.71 1.04 -0.04 | 26.06 1.12 0.00 | 27.42 1.07 0.00 | 27.92 1.03 0.00 | 27.94 0.98 0.00 | 30.89 0.92 0.00 | 35.44 0.93 0.00 | 33.94 0.83 0.00 | 35.80 0.76 -0.37 | 34.47 0.73 -0.40 | 30.88 0.55 -0.32 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD___1 23533 | 25.05 0.57 0.00 | 28.39 0.44 0.00 | 26.89 0.57 0.00 | 27.26 0.50 0.00 | 25.88 0.59 0.00 | 27.72 0.63 0.00 | 38.69 0.67 0.00 | 38.82 1.03 0.00 | 29.66 1.16 0.00 | 25.76 1.01 0.00 | 26.12 1.16 0.00 | 29.78 1.19 -0.03 | 28.50 1.31 -0.16 | 26.80 1.13 -0.04 | 26.18 1.25 0.00 | 27.51 1.16 0.00 | 28.01 1.13 0.00 | 28.03 1.06 0.00 | 30.92 0.95 0.00 | 35.49 0.99 0.00 | 33.99 0.87 0.00 | 35.87 0.82 -0.37 | 34.53 0.79 -0.40 | 30.92 0.59 -0.32 |
| RAVENSWOOD___2 23534 | 25.05 0.57 0.00 | 28.39 0.44 0.00 | 26.89 0.57 0.00 | 27.26 0.50 0.00 | 25.88 0.59 0.00 | 27.72 0.63 0.00 | 38.69 0.67 0.00 | 38.82 1.03 0.00 | 29.66 1.16 0.00 | 25.76 1.01 0.00 | 26.12 1.16 0.00 | 29.78 1.19 -0.03 | 28.50 1.31 -0.16 | 26.80 1.13 -0.04 | 26.18 1.25 0.00 | 27.51 1.16 0.00 | 28.01 1.13 0.00 | 28.03 1.06 0.00 | 30.92 0.95 0.00 | 35.49 0.99 0.00 | 33.99 0.87 0.00 | 35.87 0.82 -0.37 | 34.53 0.79 -0.40 | 30.92 0.59 -0.32 |
| RAVENSWOOD___3 23535 | 25.02 0.54 0.00 | 28.43 0.47 0.00 | 26.84 0.52 0.00 | 27.25 0.48 0.00 | 25.83 0.54 0.00 | 27.70 0.61 0.00 | 38.66 0.64 0.00 | 38.77 0.97 0.00 | 29.57 1.06 0.00 | 25.66 0.91 0.00 | 26.02 1.06 0.00 | 29.72 1.13 -0.03 | 28.40 1.20 -0.16 | 26.72 1.05 -0.04 | 26.07 1.14 0.00 | 27.42 1.07 0.00 | 27.92 1.04 0.00 | 27.95 0.99 0.00 | 30.88 0.92 0.00 | 35.44 0.94 0.00 | 33.94 0.83 0.00 | 35.81 0.76 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| RAVENSWOOD___4 23820 | 25.05 0.57 0.00 | 28.39 0.44 0.00 | 26.89 0.57 0.00 | 27.26 0.50 0.00 | 25.88 0.59 0.00 | 27.72 0.63 0.00 | 38.69 0.67 0.00 | 38.82 1.03 0.00 | 29.66 1.16 0.00 | 25.76 1.01 0.00 | 26.12 1.16 0.00 | 29.78 1.19 -0.03 | 28.50 1.31 -0.16 | 26.80 1.13 -0.04 | 26.18 1.25 0.00 | 27.51 1.16 0.00 | 28.01 1.13 0.00 | 28.03 1.06 0.00 | 30.92 0.95 0.00 | 35.49 0.99 0.00 | 33.99 0.87 0.00 | 35.87 0.82 -0.37 | 34.53 0.79 -0.40 | 30.92 0.59 -0.32 |
| RCPL_TRUST___DRP 24196 | 25.02 0.54 0.00 | 28.44 0.48 0.00 | 26.85 0.53 0.00 | 27.26 0.50 0.00 | 25.85 0.56 0.00 | 27.72 0.63 0.00 | 38.70 0.67 0.00 | 38.81 1.01 0.00 | 29.61 1.11 0.00 | 25.68 0.93 0.00 | 26.04 1.08 0.00 | 29.74 1.16 -0.03 | 28.40 1.21 -0.16 | 26.73 1.07 -0.04 | 26.08 1.15 0.00 | 27.45 1.10 0.00 | 27.93 1.05 0.00 | 27.95 0.99 0.00 | 30.90 0.93 0.00 | 35.44 0.94 0.00 | 33.95 0.83 0.00 | 35.80 0.76 -0.37 | 34.46 0.73 -0.40 | 30.87 0.54 -0.32 |
| RED___ROCHESTER 323720 | 24.58 0.10 0.00 | 28.26 0.30 0.00 | 26.46 0.14 0.00 | 26.90 0.14 0.00 | 25.25 -0.04 0.00 | 27.23 0.14 0.00 | 38.46 0.44 0.00 | 37.98 0.18 0.00 | 28.86 0.36 0.00 | 25.16 0.41 0.00 | 25.42 0.46 0.00 | 29.25 0.70 0.00 | 27.54 0.51 0.00 | 26.38 0.75 0.00 | 25.59 0.66 0.00 | 27.20 0.85 0.00 | 27.75 0.86 0.00 | 27.50 0.54 0.00 | 30.49 0.52 0.00 | 35.21 0.71 0.00 | 33.84 0.73 0.00 | 35.57 0.89 0.00 | 34.19 0.85 0.00 | 30.75 0.73 0.00 |
| REGAN___SOLAR 323812 | 25.47 0.99 0.00 | 29.07 1.11 0.00 | 27.36 1.04 0.00 | 27.80 1.04 0.00 | 26.30 1.01 0.00 | 28.23 1.14 0.00 | 39.73 1.71 0.00 | 39.46 1.67 0.00 | 29.49 0.98 0.00 | 25.34 0.59 0.00 | 24.94 -0.01 0.00 | 28.25 -0.29 0.02 | 26.48 -0.47 0.08 | 25.11 -0.50 0.02 | 24.45 -0.48 0.00 | 25.85 -0.50 0.00 | 26.47 -0.42 0.00 | 26.89 -0.07 0.00 | 30.77 0.80 0.00 | 36.33 1.83 0.00 | 35.02 1.91 0.00 | 36.42 1.92 0.19 | 34.88 1.74 0.20 | 31.35 1.50 0.16 |
| RENSSELAER___COGEN 23796 | 24.42 -0.06 0.00 | 27.82 -0.14 0.00 | 26.23 -0.09 0.00 | 26.69 -0.07 0.00 | 25.27 -0.02 0.00 | 27.04 -0.05 0.00 | 37.65 -0.37 0.00 | 37.52 -0.28 0.00 | 28.45 -0.06 0.00 | 24.66 -0.09 0.00 | 24.84 -0.12 0.00 | 28.29 -0.25 0.02 | 26.75 -0.17 0.11 | 25.42 -0.19 0.03 | 24.81 -0.12 0.00 | 26.15 -0.20 0.00 | 26.66 -0.23 0.00 | 26.86 -0.10 0.00 | 29.86 -0.11 0.00 | 34.15 -0.36 0.00 | 32.80 -0.32 0.00 | 34.09 -0.33 0.26 | 32.71 -0.35 0.28 | 29.50 -0.29 0.22 |
| REPUBLIC_115KV_BARTNBRK 55605 | 26.71 2.23 0.00 | 30.19 2.23 0.00 | 28.30 1.98 0.00 | 28.82 2.06 0.00 | 27.43 2.14 0.00 | 29.47 2.39 0.00 | 41.39 3.37 0.00 | 41.08 3.28 0.00 | 30.80 2.29 0.00 | 26.42 1.67 0.00 | 26.73 1.77 0.00 | 30.72 2.19 0.02 | 29.04 2.13 0.12 | 27.61 2.00 0.03 | 26.88 1.95 0.00 | 28.34 1.99 0.00 | 29.25 2.36 0.00 | 29.79 2.83 0.00 | 33.43 3.46 0.00 | 38.26 3.75 0.00 | 36.58 3.46 0.00 | 38.11 3.72 0.28 | 36.34 3.31 0.30 | 32.96 3.19 0.24 |
| REVERE_CPPR_DRP 24186 | 25.37 0.89 0.00 | 28.91 0.95 0.00 | 27.16 0.84 0.00 | 27.62 0.86 0.00 | 26.08 0.79 0.00 | 28.03 0.94 0.00 | 39.49 1.47 0.00 | 39.26 1.46 0.00 | 29.57 1.06 0.00 | 25.61 0.85 0.00 | 25.71 0.76 0.00 | 29.19 0.64 0.00 | 27.57 0.53 0.00 | 26.15 0.52 0.00 | 25.40 0.47 0.00 | 26.84 0.49 0.00 | 27.47 0.58 0.00 | 27.69 0.73 0.00 | 31.06 1.09 0.00 | 36.01 1.51 0.00 | 34.60 1.48 0.00 | 36.18 1.50 0.00 | 34.76 1.42 0.00 | 31.20 1.19 0.00 |
| REYNLDPA_13_KV_LD 356490 | 25.14 0.66 0.00 | 28.76 0.80 0.00 | 27.07 0.75 0.00 | 27.52 0.76 0.00 | 25.94 0.66 0.00 | 27.76 0.67 0.00 | 39.08 1.06 0.00 | 38.79 1.00 0.00 | 29.12 0.61 0.00 | 25.28 0.53 0.00 | 25.50 0.53 0.00 | 29.24 0.68 0.00 | 27.69 0.65 0.00 | 26.23 0.60 0.00 | 25.46 0.53 0.00 | 26.98 0.63 0.00 | 27.57 0.69 0.00 | 27.60 0.64 0.00 | 30.65 0.68 0.00 | 35.29 0.79 0.00 | 33.90 0.78 0.00 | 35.57 0.89 0.00 | 34.19 0.85 0.00 | 30.89 0.88 0.00 |
| REYNOLDS_115KV_TB3 80639 | 24.61 0.13 0.00 | 28.02 0.06 0.00 | 26.42 0.11 0.00 | 26.90 0.13 0.00 | 25.46 0.17 0.00 | 27.24 0.15 0.00 | 37.93 -0.08 0.00 | 37.80 0.00 0.00 | 28.64 0.14 0.00 | 24.83 0.08 0.00 | 25.02 0.05 0.00 | 28.51 -0.02 0.03 | 26.95 0.06 0.14 | 25.64 0.04 0.03 | 25.02 0.09 0.00 | 26.37 0.02 0.00 | 26.87 -0.02 0.00 | 27.07 0.11 0.00 | 30.09 0.12 0.00 | 34.42 -0.08 0.00 | 33.04 -0.08 0.00 | 34.29 -0.08 0.31 | 32.89 -0.11 0.33 | 29.65 -0.09 0.27 |
| RIVERBAY____ 323610 | 25.46 0.98 0.00 | 28.90 0.94 0.00 | 27.44 1.12 0.00 | 27.82 1.05 0.00 | 26.42 1.13 0.00 | 28.30 1.21 0.00 | 39.61 1.60 0.00 | 39.74 1.95 0.00 | 30.32 1.81 0.00 | 26.27 1.51 0.00 | 26.63 1.67 0.00 | 30.36 1.78 -0.03 | 29.03 1.84 -0.16 | 27.26 1.59 -0.04 | 26.60 1.67 0.00 | 27.99 1.64 0.00 | 28.51 1.63 0.00 | 28.51 1.55 0.00 | 31.52 1.56 0.00 | 36.17 1.66 0.00 | 34.65 1.54 0.00 | 36.54 1.50 -0.37 | 35.19 1.46 -0.40 | 31.54 1.21 -0.32 |
| RIVERSDE_115KV_TB3 55908 | 24.54 0.06 0.00 | 27.94 -0.02 0.00 | 26.35 0.03 0.00 | 26.82 0.05 0.00 | 25.38 0.09 0.00 | 27.16 0.08 0.00 | 37.84 -0.18 0.00 | 37.69 -0.10 0.00 | 28.58 0.07 0.00 | 24.78 0.02 0.00 | 24.96 0.00 0.00 | 28.44 -0.09 0.02 | 26.90 -0.01 0.12 | 25.57 -0.04 0.03 | 24.96 0.03 0.00 | 26.32 -0.03 0.00 | 26.82 -0.06 0.00 | 27.03 0.06 0.00 | 30.05 0.08 0.00 | 34.35 -0.15 0.00 | 32.98 -0.14 0.00 | 34.23 -0.16 0.29 | 32.84 -0.19 0.31 | 29.60 -0.16 0.25 |
| ROARING___BROOK_WT_PWR 323790 | 24.54 0.06 0.00 | 28.06 0.10 0.00 | 26.40 0.08 0.00 | 26.85 0.08 0.00 | 25.36 0.07 0.00 | 27.15 0.06 0.00 | 38.14 0.12 0.00 | 37.92 0.12 0.00 | 28.57 0.06 0.00 | 24.80 0.05 0.00 | 25.01 0.05 0.00 | 28.62 0.06 0.00 | 27.09 0.05 0.00 | 25.67 0.04 0.00 | 24.94 0.01 0.00 | 26.37 0.03 0.00 | 26.91 0.03 0.00 | 26.97 0.01 0.00 | 29.98 0.02 0.00 | 34.49 -0.01 0.00 | 33.04 -0.08 0.00 | 34.61 -0.07 0.00 | 33.36 0.02 0.00 | 30.11 0.09 0.00 |

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|--|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 24.37 -0.10 0.00 | 28.04 0.07 0.00 | 26.25 -0.06 0.00 | 26.69 -0.07 0.00 | 25.06 -0.23 0.00 | 27.01 -0.08 0.00 | 38.14 0.12 0.00 | 37.64 -0.15 0.00 | 28.59 0.08 0.00 | 24.91 0.16 0.00 | 25.17 0.21 0.00 | 28.96 0.41 0.00 | 27.28 0.24 0.00 | 26.13 0.49 0.00 | 25.35 0.42 0.00 | 26.91 0.56 0.00 | 27.45 0.56 0.00 | 27.20 0.24 0.00 | 30.12 0.15 0.00 | 34.80 0.30 0.00 | 33.45 0.33 0.00 | 35.17 0.50 0.00 | 33.85 0.50 0.00 | 30.47 0.46 0.00 |
| ROCHESTER_9_IC 23652 | 24.47 -0.01 0.00 | 28.14 0.18 0.00 | 26.35 0.03 0.00 | 26.79 0.03 0.00 | 25.15 -0.14 0.00 | 27.12 0.03 0.00 | 38.30 0.28 0.00 | 37.80 0.01 0.00 | 28.72 0.22 0.00 | 25.03 0.28 0.00 | 25.29 0.33 0.00 | 29.10 0.55 0.00 | 27.40 0.37 0.00 | 26.25 0.62 0.00 | 25.47 0.55 0.00 | 27.04 0.69 0.00 | 27.59 0.70 0.00 | 27.35 0.38 0.00 | 30.29 0.33 0.00 | 34.98 0.48 0.00 | 33.63 0.52 0.00 | 35.36 0.68 0.00 | 34.01 0.67 0.00 | 30.60 0.59 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 25.06 0.58 0.00 | 28.47 0.51 0.00 | 26.85 0.53 0.00 | 27.26 0.50 0.00 | 25.85 0.55 0.00 | 27.70 0.62 0.00 | 38.68 0.66 0.00 | 38.77 0.97 0.00 | 29.54 1.04 0.00 | 25.65 0.90 0.00 | 26.01 1.05 0.00 | 29.71 1.12 -0.03 | 28.36 1.17 -0.16 | 26.70 1.03 -0.04 | 26.03 1.10 0.00 | 27.41 1.06 0.00 | 27.90 1.01 0.00 | 27.94 0.98 0.00 | 30.91 0.94 0.00 | 35.47 0.96 0.00 | 33.98 0.86 0.00 | 35.85 0.80 -0.37 | 34.52 0.78 -0.40 | 30.93 0.60 -0.32 |
| ROME____115KV_TB2 80656 | 25.37 0.89 0.00 | 28.91 0.95 0.00 | 27.16 0.84 0.00 | 27.62 0.86 0.00 | 26.08 0.79 0.00 | 28.03 0.94 0.00 | 39.49 1.47 0.00 | 39.26 1.46 0.00 | 29.57 1.06 0.00 | 25.61 0.85 0.00 | 25.71 0.76 0.00 | 29.19 0.64 0.00 | 27.57 0.53 0.00 | 26.15 0.52 0.00 | 25.40 0.47 0.00 | 26.84 0.49 0.00 | 27.47 0.58 0.00 | 27.69 0.73 0.00 | 31.06 1.09 0.00 | 36.01 1.51 0.00 | 34.60 1.48 0.00 | 36.18 1.50 0.00 | 34.76 1.42 0.00 | 31.20 1.19 0.00 |
| ROSETON___1 23587 | 24.68 0.20 0.00 | 28.12 0.15 0.00 | 26.48 0.16 0.00 | 26.90 0.14 0.00 | 25.48 0.19 0.00 | 27.31 0.23 0.00 | 38.14 0.12 0.00 | 38.12 0.33 0.00 | 28.99 0.48 0.00 | 25.17 0.42 0.00 | 25.47 0.50 0.00 | 29.10 0.52 0.00 | 27.73 0.59 -0.02 | 26.14 0.48 -0.02 | 25.49 0.56 0.00 | 26.85 0.50 0.00 | 27.35 0.46 0.00 | 27.41 0.45 0.00 | 30.38 0.41 0.00 | 34.93 0.42 0.00 | 33.50 0.38 0.00 | 35.22 0.30 -0.23 | 33.91 0.32 -0.25 | 30.43 0.22 -0.20 |
| ROSETON___2 23588 | 24.68 0.20 0.00 | 28.12 0.15 0.00 | 26.48 0.16 0.00 | 26.90 0.14 0.00 | 25.48 0.19 0.00 | 27.31 0.23 0.00 | 38.14 0.12 0.00 | 38.12 0.33 0.00 | 28.99 0.48 0.00 | 25.17 0.42 0.00 | 25.47 0.50 0.00 | 29.10 0.52 -0.02 | 27.73 0.59 -0.10 | 26.14 0.48 -0.02 | 25.49 0.56 0.00 | 26.85 0.50 0.00 | 27.35 0.46 0.00 | 27.41 0.45 0.00 | 30.38 0.41 0.00 | 34.93 0.42 0.00 | 33.50 0.38 0.00 | 35.22 0.30 -0.23 | 33.91 0.32 -0.25 | 30.43 0.22 -0.20 |
| ROTRRDAM_115KV_TB3 80664 | 24.78 0.31 0.00 | 28.27 0.31 0.00 | 26.62 0.30 0.00 | 27.08 0.32 0.00 | 25.63 0.34 0.00 | 27.45 0.36 0.00 | 38.39 0.37 0.00 | 38.22 0.42 0.00 | 28.87 0.37 0.00 | 25.00 0.24 0.00 | 25.17 0.20 0.00 | 28.70 0.17 0.02 | 27.13 0.19 0.09 | 25.76 0.15 0.02 | 25.11 0.18 0.00 | 26.49 0.14 0.00 | 27.06 0.17 0.00 | 27.24 0.28 0.00 | 30.38 0.42 0.00 | 34.99 0.49 0.00 | 33.58 0.46 0.00 | 34.91 0.45 0.21 | 33.50 0.39 0.23 | 30.15 0.33 0.18 |
| RUSSELL___1 23602 | 24.58 0.10 0.00 | 28.26 0.30 0.00 | 26.46 0.14 0.00 | 26.90 0.14 0.00 | 25.25 -0.04 0.00 | 27.23 0.14 0.00 | 38.46 0.44 0.00 | 37.98 0.18 0.00 | 28.86 0.36 0.00 | 25.16 0.41 0.00 | 25.42 0.46 0.00 | 29.25 0.70 0.00 | 27.55 0.51 0.00 | 26.39 0.76 0.00 | 25.61 0.68 0.00 | 27.19 0.85 0.00 | 27.75 0.86 0.00 | 27.51 0.55 0.00 | 30.48 0.52 0.00 | 35.21 0.71 0.00 | 33.84 0.73 0.00 | 35.57 0.89 0.00 | 34.19 0.86 0.00 | 30.75 0.74 0.00 |
| RUSSELL___2 23532 | 24.58 0.10 0.00 | 28.26 0.30 0.00 | 26.46 0.14 0.00 | 26.90 0.14 0.00 | 25.25 -0.04 0.00 | 27.23 0.14 0.00 | 38.46 0.44 0.00 | 37.98 0.18 0.00 | 28.86 0.36 0.00 | 25.16 0.41 0.00 | 25.42 0.46 0.00 | 29.25 0.70 0.00 | 27.55 0.51 0.00 | 26.39 0.76 0.00 | 25.61 0.68 0.00 | 27.19 0.85 0.00 | 27.75 0.86 0.00 | 27.51 0.55 0.00 | 30.48 0.52 0.00 | 35.21 0.71 0.00 | 33.84 0.73 0.00 | 35.57 0.89 0.00 | 34.19 0.86 0.00 | 30.75 0.74 0.00 |
| RUSSELL___3 23549 | 24.58 0.10 0.00 | 28.26 0.30 0.00 | 26.46 0.14 0.00 | 26.90 0.14 0.00 | 25.25 -0.04 0.00 | 27.23 0.14 0.00 | 38.46 0.44 0.00 | 37.98 0.18 0.00 | 28.86 0.36 0.00 | 25.16 0.41 0.00 | 25.42 0.46 0.00 | 29.25 0.70 0.00 | 27.55 0.51 0.00 | 26.39 0.76 0.00 | 25.61 0.68 0.00 | 27.19 0.85 0.00 | 27.75 0.86 0.00 | 27.51 0.55 0.00 | 30.48 0.52 0.00 | 35.21 0.71 0.00 | 33.84 0.73 0.00 | 35.57 0.89 0.00 | 34.19 0.86 0.00 | 30.75 0.74 0.00 |
| RUSSELL___4 23556 | 24.58 0.10 0.00 | 28.26 0.30 0.00 | 26.46 0.14 0.00 | 26.90 0.14 0.00 | 25.25 -0.04 0.00 | 27.23 0.14 0.00 | 38.46 0.44 0.00 | 37.98 0.18 0.00 | 28.86 0.36 0.00 | 25.16 0.41 0.00 | 25.42 0.46 0.00 | 29.25 0.70 0.00 | 27.55 0.51 0.00 | 26.39 0.76 0.00 | 25.61 0.68 0.00 | 27.19 0.85 0.00 | 27.75 0.86 0.00 | 27.51 0.55 0.00 | 30.48 0.52 0.00 | 35.21 0.71 0.00 | 33.84 0.73 0.00 | 35.57 0.89 0.00 | 34.19 0.86 0.00 | 30.75 0.74 0.00 |
| RUSSELL___STATION 23914 | 24.58 0.10 0.00 | 28.26 0.30 0.00 | 26.46 0.14 0.00 | 26.90 0.14 0.00 | 25.25 -0.04 0.00 | 27.23 0.14 0.00 | 38.46 0.44 0.00 | 37.98 0.18 0.00 | 28.86 0.36 0.00 | 25.16 0.41 0.00 | 25.42 0.46 0.00 | 29.25 0.70 0.00 | 27.55 0.51 0.00 | 26.39 0.76 0.00 | 25.61 0.68 0.00 | 27.19 0.85 0.00 | 27.75 0.86 0.00 | 27.51 0.55 0.00 | 30.48 0.52 0.00 | 35.21 0.71 0.00 | 33.84 0.73 0.00 | 35.57 0.89 0.00 | 34.19 0.86 0.00 | 30.75 0.74 0.00 |
| S SALMON___HYD 24043 | 24.52 0.04 0.00 | 28.05 0.09 0.00 | 26.36 0.04 0.00 | 26.83 0.07 0.00 | 25.34 0.05 0.00 | 27.23 0.14 0.00 | 38.40 0.38 0.00 | 38.10 0.31 0.00 | 28.60 0.10 0.00 | 24.79 0.03 0.00 | 24.88 -0.08 0.00 | 28.35 -0.20 0.00 | 26.76 -0.28 0.00 | 25.36 -0.28 0.00 | 24.59 -0.34 0.00 | 25.96 -0.39 0.00 | 26.44 -0.45 0.00 | 26.60 -0.37 0.00 | 29.78 -0.19 0.00 | 34.46 -0.04 0.00 | 33.19 0.08 0.00 | 34.91 0.23 0.00 | 33.63 0.29 0.00 | 30.26 0.24 0.00 |
| S.PERRY__115KV_TB1 80734 | 25.35 0.86 0.00 | 29.13 1.16 0.00 | 27.27 0.95 0.00 | 27.70 0.94 0.00 | 26.01 0.72 0.00 | 28.11 1.02 0.00 | 39.82 1.80 0.00 | 39.27 1.47 0.00 | 29.85 1.34 0.00 | 25.95 1.20 0.00 | 26.13 1.17 0.00 | 30.07 1.52 0.00 | 28.14 1.11 0.00 | 26.90 1.27 0.00 | 26.04 1.11 0.00 | 27.72 1.37 0.00 | 28.39 1.50 0.00 | 28.23 1.27 0.00 | 31.39 1.42 0.00 | 36.41 1.91 0.00 | 35.05 1.94 0.00 | 36.81 2.13 0.00 | 35.32 1.98 0.00 | 31.68 1.67 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 24.24 -0.24 0.00 | 28.00 0.04 0.00 | 26.17 -0.15 0.00 | 26.60 -0.16 0.00 | 24.84 -0.46 0.00 | 26.87 -0.22 0.00 | 37.90 -0.11 0.00 | 37.19 -0.60 0.00 | 28.41 -0.09 0.00 | 24.79 0.04 0.00 | 25.09 0.12 0.00 | 29.01 0.46 0.00 | 27.24 0.20 0.00 | 26.24 0.60 0.00 | 25.44 0.51 0.00 | 27.06 0.71 0.00 | 27.57 0.68 0.00 | 27.07 0.11 0.00 | 29.84 -0.13 0.00 | 34.47 -0.03 0.00 | 33.20 0.09 0.00 | 35.07 0.40 0.00 | 33.92 0.58 0.00 | 30.64 0.63 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| SAWYER___23_KV_LOAD 55526 | 24.24 -0.24 0.00 | 28.00 0.04 0.00 | 26.17 -0.15 0.00 | 26.60 -0.16 0.00 | 24.84 -0.46 0.00 | 26.87 -0.22 0.00 | 37.90 -0.11 0.00 | 37.19 -0.60 0.00 | 28.41 -0.09 0.00 | 24.79 0.04 0.00 | 25.09 0.12 0.00 | 29.01 0.46 0.00 | 27.24 0.20 0.00 | 26.24 0.60 0.00 | 25.44 0.51 0.00 | 27.06 0.71 0.00 | 27.57 0.68 0.00 | 27.07 0.11 0.00 | 29.84 -0.13 0.00 | 34.47 -0.03 0.00 | 33.20 0.09 0.00 | 35.07 0.40 0.00 | 33.92 0.58 0.00 | 30.64 0.63 0.00 |
| SELKIRK___I 23801 | 24.69 0.21 0.00 | 28.16 0.20 0.00 | 26.56 0.24 0.00 | 27.03 0.26 0.00 | 25.58 0.29 0.00 | 27.38 0.29 0.00 | 38.17 0.16 0.00 | 37.98 0.18 0.00 | 28.73 0.22 0.00 | 24.90 0.15 0.00 | 25.04 0.08 0.00 | 28.48 -0.06 0.01 | 26.98 0.01 0.06 | 25.59 -0.04 0.02 | 24.96 0.03 0.00 | 26.30 -0.05 0.00 | 26.83 -0.06 0.00 | 27.04 0.08 0.00 | 30.17 0.21 0.00 | 34.67 0.17 0.00 | 33.29 0.17 0.00 | 34.70 0.16 0.14 | 33.31 0.13 0.15 | 30.01 0.12 0.12 |
| SELKIRK___II 23799 | 24.52 0.04 0.00 | 27.95 -0.01 0.00 | 26.35 0.04 0.00 | 26.82 0.05 0.00 | 25.38 0.09 0.00 | 27.17 0.08 0.00 | 37.87 -0.15 0.00 | 37.74 -0.06 0.00 | 28.59 0.08 0.00 | 24.79 0.04 0.00 | 24.99 0.02 0.00 | 28.48 -0.06 0.01 | 26.96 0.00 0.08 | 25.59 -0.03 0.02 | 24.96 0.03 0.00 | 26.31 -0.04 0.00 | 26.83 -0.06 0.00 | 27.00 0.03 0.00 | 30.00 0.04 0.00 | 34.41 -0.09 0.00 | 33.03 -0.09 0.00 | 34.40 -0.11 0.17 | 33.03 -0.12 0.19 | 29.75 -0.11 0.15 |
| SENECA OSWGO___HYD 24041 | 24.01 -0.47 0.00 | 27.44 -0.52 0.00 | 25.80 -0.52 0.00 | 26.24 -0.52 0.00 | 24.78 -0.51 0.00 | 26.57 -0.52 0.00 | 37.42 -0.60 0.00 | 37.14 -0.65 0.00 | 27.94 -0.56 0.00 | 24.30 -0.45 0.00 | 24.49 -0.46 0.00 | 27.98 -0.57 0.00 | 26.45 -0.59 0.00 | 25.13 -0.50 0.00 | 24.44 -0.49 0.00 | 25.82 -0.53 0.00 | 26.35 -0.54 0.00 | 26.39 -0.57 0.00 | 29.36 -0.61 0.00 | 33.92 -0.58 0.00 | 32.58 -0.54 0.00 | 34.12 -0.56 0.00 | 32.78 -0.56 0.00 | 29.46 -0.56 0.00 |
| SENECA___115KV_TB3 355854 | 24.43 -0.05 0.00 | 28.20 0.24 0.00 | 26.35 0.03 0.00 | 26.77 0.00 0.00 | 25.02 -0.27 0.00 | 27.07 -0.02 0.00 | 38.22 0.20 0.00 | 37.54 -0.26 0.00 | 28.69 0.18 0.00 | 25.03 0.27 0.00 | 25.30 0.34 0.00 | 29.26 0.70 0.00 | 27.47 0.44 0.00 | 26.46 0.82 0.00 | 25.64 0.71 0.00 | 27.28 0.92 0.00 | 27.79 0.90 0.00 | 27.32 0.36 0.00 | 30.13 0.16 0.00 | 34.83 0.33 0.00 | 33.54 0.43 0.00 | 35.40 0.72 0.00 | 34.21 0.87 0.00 | 30.85 0.84 0.00 |
| SENECA___ENERGY 23797 | 24.42 -0.05 0.00 | 27.95 -0.01 0.00 | 26.26 -0.06 0.00 | 26.68 -0.09 0.00 | 25.15 -0.14 0.00 | 27.05 -0.04 0.00 | 38.20 0.18 0.00 | 37.87 0.08 0.00 | 28.62 0.11 0.00 | 24.90 0.15 0.00 | 25.11 0.15 0.00 | 28.79 0.23 0.00 | 27.14 0.11 0.00 | 25.85 0.21 0.00 | 25.08 0.15 0.00 | 26.65 0.30 0.00 | 27.25 0.36 0.00 | 27.17 0.20 0.00 | 30.14 0.17 0.00 | 34.82 0.32 0.00 | 33.47 0.35 0.00 | 35.05 0.37 0.00 | 33.67 0.33 0.00 | 30.22 0.21 0.00 |
| SHOEMAKER___GT 23640 | 24.72 0.24 0.00 | 28.16 0.20 0.00 | 26.52 0.20 0.00 | 26.94 0.18 0.00 | 25.51 0.22 0.00 | 27.35 0.27 0.00 | 38.22 0.20 0.00 | 38.20 0.40 0.00 | 29.04 0.53 0.00 | 25.22 0.47 0.00 | 25.50 0.53 0.00 | 29.12 0.54 -0.02 | 27.76 0.61 -0.12 | 26.16 0.50 -0.03 | 25.49 0.56 0.00 | 26.87 0.52 0.00 | 27.38 0.49 0.00 | 27.43 0.47 0.00 | 30.43 0.47 0.00 | 35.03 0.53 0.00 | 33.60 0.49 0.00 | 35.36 0.42 -0.27 | 34.05 0.42 -0.29 | 30.55 0.31 -0.23 |
| SHOEMAKR_138KV_BK 111 55601 | 24.71 0.23 0.00 | 28.15 0.19 0.00 | 26.51 0.19 0.00 | 26.93 0.16 0.00 | 25.50 0.21 0.00 | 27.34 0.25 0.00 | 38.20 0.18 0.00 | 38.18 0.39 0.00 | 29.03 0.52 0.00 | 25.21 0.45 0.00 | 25.50 0.54 0.00 | 29.13 0.55 -0.02 | 27.77 0.62 -0.11 | 26.17 0.51 -0.03 | 25.50 0.56 0.00 | 26.88 0.53 0.00 | 27.38 0.49 0.00 | 27.43 0.47 0.00 | 30.43 0.46 0.00 | 35.01 0.51 0.00 | 33.58 0.46 0.00 | 35.34 0.40 -0.26 | 34.02 0.40 -0.28 | 30.53 0.29 -0.23 |
| SHOREHAM_IC_1 23715 | 24.44 -0.04 0.00 | 27.72 -0.24 0.00 | 26.11 -0.21 0.00 | 26.45 -0.31 0.00 | 25.09 -0.20 0.00 | 26.97 -0.12 0.00 | 37.42 -0.60 0.00 | 37.53 -0.26 0.00 | 28.68 0.17 0.00 | 25.10 0.35 0.00 | 25.68 0.72 0.00 | 29.37 0.78 -0.03 | 27.75 0.55 -0.16 | 25.89 0.23 -0.04 | 25.39 0.46 0.00 | 26.61 0.26 0.00 | 27.13 0.24 0.00 | 24.23 0.15 2.89 | 29.98 0.02 0.00 | 34.45 -0.06 0.00 | 26.20 -0.14 6.78 | 34.94 -0.10 -0.37 | 33.60 -0.14 -0.40 | 30.16 -0.17 -0.32 |
| SHOREHAM_IC_2 23716 | 24.43 -0.04 0.00 | 27.72 -0.24 0.00 | 26.11 -0.21 0.00 | 26.45 -0.31 0.00 | 25.09 -0.20 0.00 | 26.97 -0.12 0.00 | 37.42 -0.60 0.00 | 37.53 -0.27 0.00 | 28.68 0.17 0.00 | 25.10 0.34 0.00 | 25.68 0.72 0.00 | 29.37 0.78 -0.03 | 27.74 0.55 -0.16 | 25.89 0.22 -0.04 | 25.38 0.45 0.00 | 26.62 0.27 0.00 | 27.12 0.24 0.00 | 24.22 0.14 2.89 | 29.99 0.02 0.00 | 34.44 -0.06 0.00 | 26.21 -0.13 6.78 | 34.94 -0.10 -0.37 | 33.59 -0.14 -0.40 | 30.16 -0.17 -0.32 |
| SISSONVILLE____ 23735 | 25.60 1.12 0.00 | 29.30 1.34 0.00 | 27.57 1.25 0.00 | 28.03 1.26 0.00 | 26.43 1.14 0.00 | 28.31 1.22 0.00 | 39.94 1.92 0.00 | 39.61 1.81 0.00 | 29.56 1.05 0.00 | 25.58 0.82 0.00 | 25.73 0.77 0.00 | 29.51 0.95 0.00 | 27.90 0.87 0.00 | 26.42 0.79 0.00 | 25.62 0.69 0.00 | 27.15 0.80 0.00 | 27.63 0.75 0.00 | 27.54 0.58 0.00 | 30.72 0.75 0.00 | 35.56 1.06 0.00 | 34.28 1.17 0.00 | 36.21 1.54 0.00 | 34.95 1.62 0.00 | 31.58 1.57 0.00 |
| SITHE_IND_GS1 24169 | 23.76 -0.72 0.00 | 27.16 -0.80 0.00 | 25.55 -0.77 0.00 | 25.98 -0.78 0.00 | 24.53 -0.76 0.00 | 26.27 -0.82 0.00 | 37.01 -1.01 0.00 | 36.70 -1.10 0.00 | 27.57 -0.93 0.00 | 23.98 -0.77 0.00 | 24.18 -0.78 0.00 | 27.67 -0.89 0.00 | 26.16 -0.87 0.00 | 24.85 -0.79 0.00 | 24.15 -0.78 0.00 | 25.55 -0.80 0.00 | 26.07 -0.82 0.00 | 26.09 -0.87 0.00 | 29.02 -0.94 0.00 | 33.46 -1.04 0.00 | 32.13 -0.99 0.00 | 33.66 -1.02 0.00 | 32.35 -0.99 0.00 | 29.09 -0.92 0.00 |
| SITHE_IND_GS2 24170 | 23.76 -0.72 0.00 | 27.16 -0.80 0.00 | 25.55 -0.77 0.00 | 25.98 -0.78 0.00 | 24.53 -0.76 0.00 | 26.27 -0.82 0.00 | 37.01 -1.01 0.00 | 36.70 -1.10 0.00 | 27.57 -0.93 0.00 | 23.98 -0.77 0.00 | 24.18 -0.78 0.00 | 27.67 -0.89 0.00 | 26.16 -0.87 0.00 | 24.85 -0.79 0.00 | 24.15 -0.78 0.00 | 25.55 -0.80 0.00 | 26.07 -0.82 0.00 | 26.09 -0.87 0.00 | 29.02 -0.94 0.00 | 33.46 -1.04 0.00 | 32.13 -0.99 0.00 | 33.66 -1.02 0.00 | 32.35 -0.99 0.00 | 29.09 -0.92 0.00 |
| SITHE_IND_GS3 24171 | 23.76 -0.72 0.00 | 27.16 -0.80 0.00 | 25.55 -0.77 0.00 | 25.98 -0.78 0.00 | 24.53 -0.76 0.00 | 26.27 -0.82 0.00 | 37.01 -1.01 0.00 | 36.70 -1.10 0.00 | 27.57 -0.93 0.00 | 23.98 -0.77 0.00 | 24.18 -0.78 0.00 | 27.67 -0.89 0.00 | 26.16 -0.87 0.00 | 24.85 -0.79 0.00 | 24.15 -0.78 0.00 | 25.55 -0.80 0.00 | 26.07 -0.82 0.00 | 26.09 -0.87 0.00 | 29.02 -0.94 0.00 | 33.46 -1.04 0.00 | 32.13 -0.99 0.00 | 33.66 -1.02 0.00 | 32.35 -0.99 0.00 | 29.09 -0.92 0.00 |
| SITHE_IND_GS4 24172 | 23.76 -0.72 0.00 | 27.16 -0.80 0.00 | 25.55 -0.77 0.00 | 25.98 -0.78 0.00 | 24.53 -0.76 0.00 | 26.27 -0.82 0.00 | 37.01 -1.01 0.00 | 36.70 -1.10 0.00 | 27.57 -0.93 0.00 | 23.98 -0.77 0.00 | 24.18 -0.78 0.00 | 27.67 -0.89 0.00 | 26.16 -0.87 0.00 | 24.85 -0.79 0.00 | 24.15 -0.78 0.00 | 25.55 -0.80 0.00 | 26.07 -0.82 0.00 | 26.09 -0.87 0.00 | 29.02 -0.94 0.00 | 33.46 -1.04 0.00 | 32.13 -0.99 0.00 | 33.66 -1.02 0.00 | 32.35 -0.99 0.00 | 29.09 -0.92 0.00 |

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| SITHE____BATAVIA 24024 | 24.90 0.42 0.00 | 28.70 0.74 0.00 | 26.82 0.50 0.00 | 27.27 0.50 0.00 | 25.52 0.23 0.00 | 27.62 0.53 0.00 | 39.03 1.01 0.00 | 38.45 0.65 0.00 | 29.33 0.83 0.00 | 25.55 0.80 0.00 | 25.85 0.89 0.00 | 29.75 1.19 0.00 | 27.89 0.86 0.00 | 26.79 1.16 0.00 | 25.89 0.96 0.00 | 27.53 1.18 0.00 | 28.15 1.27 0.00 | 27.78 0.81 0.00 | 30.72 0.75 0.00 | 35.50 1.00 0.00 | 34.29 1.17 0.00 | 36.43 1.75 0.00 | 35.19 1.86 0.00 | 31.69 1.67 0.00 |
| SITHE____INDEPEND 23800 | 23.76 -0.72 0.00 | 27.16 -0.80 0.00 | 25.55 -0.77 0.00 | 25.98 -0.78 0.00 | 24.53 -0.76 0.00 | 26.27 -0.82 0.00 | 37.01 -1.01 0.00 | 36.70 -1.10 0.00 | 27.57 -0.93 0.00 | 23.98 -0.77 0.00 | 24.18 -0.78 0.00 | 27.67 -0.89 0.00 | 26.16 -0.87 0.00 | 24.85 -0.78 0.00 | 24.16 -0.77 0.00 | 25.55 -0.80 0.00 | 26.07 -0.82 0.00 | 26.10 -0.86 0.00 | 29.02 -0.95 0.00 | 33.46 -1.04 0.00 | 32.13 -0.99 0.00 | 33.66 -1.02 0.00 | 32.35 -0.99 0.00 | 29.09 -0.92 0.00 |
| SITHE____MASSENA 23902 | 25.27 0.79 0.00 | 28.92 0.96 0.00 | 27.21 0.90 0.00 | 27.67 0.90 0.00 | 26.09 0.80 0.00 | 27.91 0.83 0.00 | 39.32 1.30 0.00 | 39.02 1.22 0.00 | 29.25 0.74 0.00 | 25.38 0.62 0.00 | 25.58 0.62 0.00 | 29.36 0.81 0.00 | 27.78 0.75 0.00 | 26.31 0.67 0.00 | 25.53 0.61 0.00 | 27.06 0.70 0.00 | 27.63 0.74 0.00 | 27.65 0.69 0.00 | 30.73 0.76 0.00 | 35.42 0.92 0.00 | 34.06 0.94 0.00 | 35.77 1.09 0.00 | 34.40 1.07 0.00 | 31.07 1.06 0.00 |
| SITHE____OGDNSBRG 24021 | 25.90 1.42 0.00 | 29.65 1.69 0.00 | 27.87 1.55 0.00 | 28.34 1.58 0.00 | 26.73 1.44 0.00 | 28.64 1.55 0.00 | 40.42 2.40 0.00 | 39.96 2.17 0.00 | 29.61 1.10 0.00 | 25.58 0.83 0.00 | 25.76 0.80 0.00 | 29.55 0.99 0.00 | 27.94 0.91 0.00 | 26.46 0.83 0.00 | 25.68 0.75 0.00 | 27.23 0.88 0.00 | 27.79 0.91 0.00 | 27.75 0.78 0.00 | 30.98 1.01 0.00 | 36.16 1.66 0.00 | 34.97 1.86 0.00 | 36.79 2.11 0.00 | 35.38 2.04 0.00 | 31.94 1.93 0.00 |
| SITHE____STERLING 23777 | 25.10 0.62 0.00 | 28.57 0.61 0.00 | 26.83 0.52 0.00 | 27.30 0.53 0.00 | 25.78 0.49 0.00 | 27.69 0.60 0.00 | 38.98 0.96 0.00 | 38.75 0.95 0.00 | 29.21 0.70 0.00 | 25.32 0.57 0.00 | 25.47 0.51 0.00 | 28.98 0.42 0.00 | 27.37 0.33 0.00 | 25.97 0.34 0.00 | 25.23 0.30 0.00 | 26.68 0.33 0.00 | 27.27 0.39 0.00 | 27.43 0.47 0.00 | 30.70 0.73 0.00 | 35.54 1.04 0.00 | 34.15 1.04 0.00 | 35.72 1.04 0.00 | 34.29 0.95 0.00 | 30.77 0.76 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 24.26 -0.22 0.00 | 27.83 -0.13 0.00 | 26.09 -0.22 0.00 | 26.54 -0.22 0.00 | 24.97 -0.32 0.00 | 26.89 -0.21 0.00 | 37.98 -0.04 0.00 | 37.59 -0.21 0.00 | 28.45 -0.06 0.00 | 24.75 0.00 0.00 | 24.98 0.02 0.00 | 28.75 0.20 0.00 | 27.07 0.04 0.00 | 25.87 0.24 0.00 | 25.06 0.13 0.00 | 26.64 0.30 0.00 | 27.20 0.31 0.00 | 27.02 0.06 0.00 | 30.00 0.03 0.00 | 34.65 0.15 0.00 | 33.30 0.18 0.00 | 34.93 0.25 0.00 | 33.53 0.20 0.00 | 30.15 0.13 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 24.91 0.43 0.00 | 28.29 0.32 0.00 | 26.64 0.31 0.00 | 26.99 0.22 0.00 | 25.59 0.30 0.00 | 27.51 0.42 0.00 | 38.26 0.23 0.00 | 38.34 0.55 0.00 | 29.28 0.77 0.00 | 25.60 0.85 0.00 | 26.19 1.23 0.00 | 29.96 1.37 -0.03 | 28.27 1.07 -0.16 | 26.40 0.73 -0.04 | 25.89 0.96 0.00 | 27.15 0.80 0.00 | 27.63 0.75 0.00 | 24.74 0.65 2.87 | 30.59 0.63 0.00 | 35.10 0.60 0.00 | 26.86 0.49 6.74 | 35.53 0.49 -0.37 | 34.25 0.52 -0.40 | 30.78 0.45 -0.32 |
| SOUTH CAIRO____GT 23612 | 25.20 0.72 0.00 | 28.70 0.74 0.00 | 27.04 0.72 0.00 | 27.51 0.75 0.00 | 26.04 0.75 0.00 | 27.92 0.83 0.00 | 39.00 0.97 0.00 | 38.92 1.12 0.00 | 29.39 0.89 0.00 | 25.33 0.58 0.00 | 25.29 0.33 0.00 | 28.71 0.16 0.01 | 27.23 0.24 0.04 | 25.80 0.18 0.01 | 25.14 0.21 0.00 | 26.53 0.18 0.00 | 27.10 0.22 0.00 | 27.45 0.49 0.00 | 30.87 0.90 0.00 | 35.65 1.15 0.00 | 34.33 1.21 0.00 | 35.82 1.24 0.10 | 34.29 1.05 0.11 | 30.83 0.90 0.09 |
| SOUTH HAMPTN____IC 23720 | 24.54 0.06 0.00 | 27.84 -0.12 0.00 | 26.22 -0.10 0.00 | 26.57 -0.20 0.00 | 25.19 -0.10 0.00 | 27.08 -0.01 0.00 | 37.63 -0.40 0.00 | 37.76 -0.03 0.00 | 28.91 0.41 0.00 | 25.32 0.57 0.00 | 25.90 0.94 0.00 | 29.65 1.06 -0.03 | 27.98 0.79 -0.16 | 26.12 0.45 -0.04 | 25.63 0.70 0.00 | 26.89 0.54 0.00 | 27.41 0.53 0.00 | 24.47 0.39 2.89 | 30.28 0.31 0.00 | 34.79 0.29 0.00 | 26.51 0.18 6.78 | 35.21 0.17 -0.37 | 33.83 0.09 -0.40 | 30.33 0.00 -0.32 |
| SOUTHDOWN_115KV_TB1 355954 | 25.09 0.61 0.00 | 28.88 0.92 0.00 | 26.97 0.66 0.00 | 27.39 0.62 0.00 | 25.59 0.30 0.00 | 27.74 0.65 0.00 | 39.77 1.75 0.00 | 39.33 1.54 0.00 | 30.11 1.61 0.00 | 26.26 1.51 0.00 | 26.47 1.51 0.00 | 30.57 2.02 0.00 | 28.75 1.72 0.00 | 27.66 2.03 0.00 | 26.72 1.79 0.00 | 28.42 2.08 0.00 | 28.91 2.02 0.00 | 28.29 1.33 0.00 | 31.07 1.11 0.00 | 35.97 1.47 0.00 | 34.58 1.46 0.00 | 36.36 1.68 0.00 | 35.16 1.82 0.00 | 31.55 1.54 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 24.37 -0.10 0.00 | 27.63 -0.33 0.00 | 26.05 -0.27 0.00 | 26.38 -0.38 0.00 | 25.00 -0.28 0.00 | 26.88 -0.21 0.00 | 37.40 -0.62 0.00 | 37.60 -0.20 0.00 | 28.85 0.35 0.00 | 25.27 0.52 0.00 | 25.82 0.86 0.00 | 29.60 1.01 -0.03 | 27.90 0.70 -0.16 | 26.01 0.34 -0.04 | 25.54 0.61 0.00 | 26.85 0.50 0.00 | 27.37 0.49 0.00 | 24.42 0.35 2.89 | 30.27 0.30 0.00 | 34.78 0.28 0.00 | 26.48 0.15 6.78 | 35.12 0.07 -0.37 | 33.69 -0.04 -0.40 | 30.13 -0.20 -0.32 |
| SOUTHOLD____IC 23719 | 24.38 -0.10 0.00 | 27.63 -0.33 0.00 | 26.05 -0.27 0.00 | 26.38 -0.38 0.00 | 25.00 -0.28 0.00 | 26.88 -0.21 0.00 | 37.40 -0.62 0.00 | 37.60 -0.20 0.00 | 28.85 0.35 0.00 | 25.27 0.52 0.00 | 25.82 0.86 0.00 | 29.59 1.01 -0.03 | 27.90 0.71 -0.16 | 26.02 0.35 -0.04 | 25.55 0.62 0.00 | 26.84 0.49 0.00 | 27.38 0.49 0.00 | 24.43 0.35 2.89 | 30.26 0.30 0.00 | 34.78 0.27 0.00 | 26.47 0.14 6.78 | 35.12 0.07 -0.37 | 33.69 -0.04 -0.40 | 30.13 -0.20 -0.32 |
| SOUTH_FORK_WT_PWR 323839 | 24.00 -0.48 0.00 | 27.20 -0.76 0.00 | 25.65 -0.67 0.00 | 25.99 -0.78 0.00 | 24.62 -0.67 0.00 | 26.46 -0.63 0.00 | 36.83 -1.19 0.00 | 37.04 -0.76 0.00 | 28.45 -0.06 0.00 | 24.92 0.17 0.00 | 25.46 0.50 0.00 | 29.20 0.61 -0.03 | 27.50 0.30 -0.16 | 25.63 -0.04 -0.04 | 25.18 0.25 0.00 | 26.45 0.10 0.00 | 26.97 0.08 0.00 | 24.03 -0.05 2.89 | 29.83 -0.14 0.00 | 34.30 -0.21 0.00 | 25.99 -0.34 6.78 | 34.61 -0.43 -0.37 | 33.19 -0.54 -0.40 | 29.68 -0.65 -0.32 |
| SPIERFLS_115KV_TB 1 80737 | 25.21 0.73 0.00 | 28.66 0.70 0.00 | 26.92 0.61 0.00 | 27.43 0.66 0.00 | 26.01 0.72 0.00 | 27.90 0.81 0.00 | 39.08 1.06 0.00 | 38.85 1.06 0.00 | 29.26 0.75 0.00 | 25.23 0.48 0.00 | 25.35 0.39 0.00 | 28.95 0.42 0.02 | 27.32 0.41 0.12 | 25.78 0.18 0.03 | 25.14 0.21 0.00 | 26.52 0.17 0.00 | 27.20 0.31 0.00 | 27.63 0.67 0.00 | 31.16 1.19 0.00 | 35.76 1.26 0.00 | 34.27 1.15 0.00 | 35.62 1.22 0.27 | 34.07 1.03 0.30 | 30.71 0.94 0.24 |
| ST LAWRENCE____ 23600 | 24.83 0.35 0.00 | 28.40 0.44 0.00 | 26.73 0.41 0.00 | 27.18 0.41 0.00 | 25.63 0.34 0.00 | 27.43 0.34 0.00 | 38.60 0.58 0.00 | 38.34 0.54 0.00 | 28.80 0.29 0.00 | 25.01 0.26 0.00 | 25.21 0.25 0.00 | 28.93 0.37 0.00 | 27.37 0.34 0.00 | 25.92 0.29 0.00 | 25.17 0.23 0.00 | 26.67 0.32 0.00 | 27.24 0.35 0.00 | 27.29 0.33 0.00 | 30.30 0.33 0.00 | 34.87 0.37 0.00 | 33.49 0.37 0.00 | 35.13 0.45 0.00 | 33.78 0.44 0.00 | 30.50 0.49 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 24.55 0.07 0.00 | 27.95 -0.01 0.00 | 26.37 0.05 0.00 | 26.82 0.06 0.00 | 25.40 0.11 0.00 | 27.18 0.09 0.00 | 37.88 -0.14 0.00 | 37.74 -0.06 0.00 | 28.62 0.11 0.00 | 24.81 0.06 0.00 | 24.99 0.02 0.00 | 28.46 -0.07 0.02 | 26.92 0.01 0.11 | 25.59 -0.01 0.03 | 24.98 0.05 0.00 | 26.36 0.01 0.00 | 26.88 -0.01 0.00 | 27.10 0.13 0.00 | 30.14 0.17 0.00 | 34.45 -0.06 0.00 | 33.06 -0.05 0.00 | 34.32 -0.09 0.27 | 32.93 -0.13 0.29 | 29.67 -0.11 0.23 |
| STATE_ST_34_KV_LOAD 55959 | 24.55 0.07 0.00 | 28.08 0.12 0.00 | 26.40 0.08 0.00 | 26.84 0.08 0.00 | 25.34 0.05 0.00 | 27.21 0.12 0.00 | 38.37 0.35 0.00 | 38.05 0.25 0.00 | 28.68 0.18 0.00 | 24.85 0.09 0.00 | 25.05 0.08 0.00 | 28.70 0.15 0.00 | 27.12 0.09 0.00 | 25.81 0.18 0.00 | 25.06 0.13 0.00 | 26.55 0.20 0.00 | 26.96 0.08 0.00 | 27.10 0.13 0.00 | 30.17 0.20 0.00 | 34.74 0.24 0.00 | 33.49 0.37 0.00 | 35.06 0.39 0.00 | 33.71 0.37 0.00 | 30.24 0.22 0.00 |
| STATION_5_MISC_HYD 23604 | 24.47 -0.01 0.00 | 28.14 0.18 0.00 | 26.35 0.03 0.00 | 26.80 0.03 0.00 | 25.15 -0.14 0.00 | 27.12 0.03 0.00 | 38.30 0.28 0.00 | 37.80 0.01 0.00 | 28.72 0.22 0.00 | 25.03 0.28 0.00 | 25.29 0.33 0.00 | 29.10 0.54 0.00 | 27.40 0.37 0.00 | 26.24 0.61 0.00 | 25.45 0.52 0.00 | 27.05 0.70 0.00 | 27.59 0.70 0.00 | 27.33 0.37 0.00 | 30.30 0.34 0.00 | 34.98 0.48 0.00 | 33.64 0.52 0.00 | 35.36 0.68 0.00 | 34.00 0.67 0.00 | 30.60 0.58 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 24.39 -0.08 0.00 | 27.99 0.03 0.00 | 26.23 -0.08 0.00 | 26.67 -0.10 0.00 | 25.09 -0.20 0.00 | 27.02 -0.07 0.00 | 38.16 0.14 0.00 | 37.77 -0.02 0.00 | 28.62 0.12 0.00 | 24.93 0.18 0.00 | 25.16 0.20 0.00 | 28.91 0.35 0.00 | 27.23 0.20 0.00 | 26.03 0.39 0.00 | 25.23 0.31 0.00 | 26.80 0.45 0.00 | 27.36 0.47 0.00 | 27.20 0.24 0.00 | 30.17 0.20 0.00 | 34.86 0.36 0.00 | 33.50 0.38 0.00 | 35.14 0.46 0.00 | 33.77 0.43 0.00 | 30.33 0.32 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 24.32 -0.16 0.00 | 27.94 -0.02 0.00 | 26.17 -0.15 0.00 | 26.61 -0.15 0.00 | 24.99 -0.30 0.00 | 26.94 -0.15 0.00 | 38.03 0.01 0.00 | 37.58 -0.21 0.00 | 28.53 0.02 0.00 | 24.87 0.12 0.00 | 25.13 0.16 0.00 | 28.91 0.35 0.00 | 27.23 0.20 0.00 | 26.07 0.44 0.00 | 25.31 0.38 0.00 | 26.86 0.51 0.00 | 27.40 0.52 0.00 | 27.18 0.21 0.00 | 30.11 0.14 0.00 | 34.77 0.27 0.00 | 33.42 0.30 0.00 | 35.11 0.43 0.00 | 33.76 0.42 0.00 | 30.37 0.36 0.00 |
| STA_56___34_KV_BUS2 355983 | 24.32 -0.16 0.00 | 27.94 -0.02 0.00 | 26.17 -0.15 0.00 | 26.61 -0.15 0.00 | 24.99 -0.30 0.00 | 26.94 -0.15 0.00 | 38.03 0.01 0.00 | 37.58 -0.21 0.00 | 28.53 0.02 0.00 | 24.87 0.12 0.00 | 25.13 0.16 0.00 | 28.91 0.35 0.00 | 27.23 0.20 0.00 | 26.07 0.44 0.00 | 25.31 0.38 0.00 | 26.86 0.51 0.00 | 27.40 0.52 0.00 | 27.18 0.21 0.00 | 30.11 0.14 0.00 | 34.77 0.27 0.00 | 33.42 0.30 0.00 | 35.11 0.43 0.00 | 33.76 0.42 0.00 | 30.37 0.36 0.00 |
| STA_67___115KV_BK2 355882 | 24.42 -0.06 0.00 | 28.08 0.12 0.00 | 26.30 -0.02 0.00 | 26.74 -0.02 0.00 | 25.10 -0.19 0.00 | 27.05 -0.03 0.00 | 38.21 0.19 0.00 | 37.72 -0.08 0.00 | 28.65 0.15 0.00 | 24.97 0.21 0.00 | 25.23 0.27 0.00 | 29.03 0.48 0.00 | 27.34 0.30 0.00 | 26.18 0.55 0.00 | 25.41 0.48 0.00 | 26.97 0.61 0.00 | 27.51 0.63 0.00 | 27.27 0.30 0.00 | 30.20 0.23 0.00 | 34.88 0.38 0.00 | 33.54 0.42 0.00 | 35.26 0.58 0.00 | 33.92 0.58 0.00 | 30.54 0.52 0.00 |
| STA_7___115KV_9TRANS 80674 | 24.58 0.10 0.00 | 28.26 0.30 0.00 | 26.46 0.14 0.00 | 26.90 0.14 0.00 | 25.25 -0.04 0.00 | 27.23 0.14 0.00 | 38.46 0.44 0.00 | 37.98 0.18 0.00 | 28.86 0.36 0.00 | 25.16 0.41 0.00 | 25.42 0.46 0.00 | 29.25 0.70 0.00 | 27.55 0.51 0.00 | 26.39 0.76 0.00 | 25.61 0.68 0.00 | 27.19 0.85 0.00 | 27.75 0.86 0.00 | 27.51 0.55 0.00 | 30.48 0.52 0.00 | 35.21 0.71 0.00 | 33.84 0.73 0.00 | 35.57 0.89 0.00 | 34.19 0.86 0.00 | 30.75 0.74 0.00 |
| STA_82___115KV_TB1 80780 | 24.43 -0.05 0.00 | 28.09 0.13 0.00 | 26.31 -0.01 0.00 | 26.75 -0.02 0.00 | 25.11 -0.18 0.00 | 27.07 -0.02 0.00 | 38.23 0.21 0.00 | 37.74 -0.06 0.00 | 28.67 0.16 0.00 | 24.98 0.23 0.00 | 25.24 0.28 0.00 | 29.05 0.49 0.00 | 27.35 0.32 0.00 | 26.19 0.56 0.00 | 25.42 0.49 0.00 | 26.99 0.64 0.00 | 27.52 0.64 0.00 | 27.29 0.32 0.00 | 30.21 0.25 0.00 | 34.91 0.40 0.00 | 33.57 0.45 0.00 | 35.29 0.61 0.00 | 33.94 0.60 0.00 | 30.54 0.53 0.00 |
| STEEL___WIND 323596 | 24.40 -0.08 0.00 | 28.17 0.21 0.00 | 26.32 0.00 0.00 | 26.74 -0.02 0.00 | 24.99 -0.30 0.00 | 27.03 -0.06 0.00 | 38.16 0.14 0.00 | 37.50 -0.30 0.00 | 28.66 0.16 0.00 | 24.99 0.24 0.00 | 25.26 0.30 0.00 | 29.20 0.65 0.00 | 27.43 0.39 0.00 | 26.40 0.76 0.00 | 25.57 0.64 0.00 | 27.24 0.89 0.00 | 27.73 0.85 0.00 | 27.27 0.30 0.00 | 30.12 0.15 0.00 | 34.79 0.29 0.00 | 33.53 0.41 0.00 | 35.36 0.68 0.00 | 34.18 0.84 0.00 | 30.82 0.81 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 24.65 0.17 0.00 | 28.08 0.11 0.00 | 26.40 0.08 0.00 | 26.87 0.10 0.00 | 25.43 0.14 0.00 | 27.29 0.20 0.00 | 38.05 0.03 0.00 | 37.89 0.09 0.00 | 28.73 0.22 0.00 | 24.85 0.10 0.00 | 25.05 0.09 0.00 | 28.52 -0.01 0.02 | 26.93 0.02 0.11 | 25.63 0.03 0.03 | 24.99 0.05 0.00 | 26.39 0.05 0.00 | 26.89 0.00 0.00 | 27.18 0.22 0.00 | 30.27 0.30 0.00 | 34.58 0.08 0.00 | 33.20 0.09 0.00 | 34.51 0.10 0.26 | 33.08 0.02 0.28 | 29.81 0.02 0.22 |
| STEUBEN_REC_LFGE 323667 | 24.78 0.30 0.00 | 28.49 0.52 0.00 | 26.67 0.36 0.00 | 27.09 0.33 0.00 | 25.44 0.15 0.00 | 27.54 0.45 0.00 | 38.99 0.97 0.00 | 38.44 0.65 0.00 | 29.24 0.74 0.00 | 25.44 0.69 0.00 | 25.63 0.67 0.00 | 29.56 1.01 0.00 | 27.72 0.69 0.00 | 26.57 0.94 0.00 | 25.63 0.70 0.00 | 27.30 0.95 0.00 | 27.89 1.01 0.00 | 27.65 0.68 0.00 | 30.67 0.70 0.00 | 35.54 1.04 0.00 | 34.19 1.08 0.00 | 35.90 1.22 0.00 | 34.56 1.22 0.00 | 30.97 0.95 0.00 |
| STILLWATER___SOLAR 323814 | 25.23 0.75 0.00 | 28.73 0.77 0.00 | 27.01 0.69 0.00 | 27.51 0.74 0.00 | 26.06 0.77 0.00 | 27.94 0.85 0.00 | 39.08 1.06 0.00 | 38.86 1.06 0.00 | 29.32 0.82 0.00 | 25.30 0.55 0.00 | 25.43 0.47 0.00 | 29.00 0.47 0.03 | 27.38 0.48 0.14 | 25.99 0.39 0.03 | 25.35 0.42 0.00 | 26.74 0.39 0.00 | 27.37 0.48 0.00 | 27.71 0.75 0.00 | 31.03 1.06 0.00 | 35.66 1.16 0.00 | 34.18 1.07 0.00 | 35.47 1.10 0.31 | 33.98 0.97 0.33 | 30.60 0.86 0.27 |
| STONY___BROOK 24151 | 24.85 0.37 0.00 | 28.23 0.26 0.00 | 26.57 0.25 0.00 | 26.92 0.15 0.00 | 25.53 0.24 0.00 | 27.45 0.36 0.00 | 38.15 0.13 0.00 | 38.24 0.44 0.00 | 29.20 0.70 0.00 | 25.54 0.79 0.00 | 26.12 1.16 0.00 | 29.88 1.29 -0.03 | 28.21 1.01 -0.16 | 26.35 0.68 -0.04 | 25.84 0.91 0.00 | 27.08 0.73 0.00 | 27.57 0.69 0.00 | 24.66 0.58 2.88 | 30.51 0.55 0.00 | 35.01 0.51 0.00 | 26.76 0.40 6.75 | 35.46 0.42 -0.37 | 34.17 0.44 -0.40 | 30.71 0.37 -0.32 |
| STURGEON_POOL_HYD 23609 | 24.75 0.27 0.00 | 28.17 0.21 0.00 | 26.56 0.24 0.00 | 26.98 0.22 0.00 | 25.56 0.27 0.00 | 27.39 0.30 0.00 | 38.23 0.21 0.00 | 38.29 0.49 0.00 | 29.13 0.63 0.00 | 25.29 0.54 0.00 | 25.60 0.64 0.00 | 29.25 0.68 -0.01 | 27.87 0.76 -0.07 | 26.27 0.62 -0.02 | 25.61 0.68 0.00 | 27.02 0.67 0.00 | 27.48 0.60 0.00 | 27.55 0.58 0.00 | 30.54 0.57 0.00 | 35.11 0.60 0.00 | 33.65 0.53 0.00 | 35.32 0.47 -0.17 | 34.00 0.48 -0.18 | 30.50 0.34 -0.15 |

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| ST_LAW_115_BK7_LBMP 345037 | 24.88 0.40 0.00 | 28.45 0.49 0.00 | 26.78 0.46 0.00 | 27.22 0.46 0.00 | 25.68 0.39 0.00 | 27.47 0.38 0.00 | 38.67 0.65 0.00 | 38.40 0.60 0.00 | 28.83 0.32 0.00 | 25.03 0.28 0.00 | 25.24 0.28 0.00 | 28.96 0.40 0.00 | 27.40 0.37 0.00 | 25.95 0.32 0.00 | 25.19 0.26 0.00 | 26.70 0.34 0.00 | 27.27 0.38 0.00 | 27.30 0.34 0.00 | 30.32 0.35 0.00 | 34.91 0.41 0.00 | 33.54 0.42 0.00 | 35.18 0.50 0.00 | 33.83 0.50 0.00 | 30.56 0.55 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 24.88 0.40 0.00 | 28.45 0.49 0.00 | 26.78 0.46 0.00 | 27.22 0.46 0.00 | 25.68 0.39 0.00 | 27.47 0.38 0.00 | 38.67 0.65 0.00 | 38.40 0.60 0.00 | 28.83 0.32 0.00 | 25.03 0.28 0.00 | 25.24 0.28 0.00 | 28.96 0.40 0.00 | 27.40 0.37 0.00 | 25.95 0.32 0.00 | 25.19 0.26 0.00 | 26.70 0.34 0.00 | 27.27 0.38 0.00 | 27.30 0.34 0.00 | 30.32 0.35 0.00 | 34.91 0.41 0.00 | 33.54 0.42 0.00 | 35.18 0.50 0.00 | 33.83 0.50 0.00 | 30.56 0.55 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 24.83 0.35 0.00 | 28.40 0.44 0.00 | 26.73 0.41 0.00 | 27.18 0.41 0.00 | 25.63 0.34 0.00 | 27.43 0.34 0.00 | 38.60 0.58 0.00 | 38.34 0.54 0.00 | 28.80 0.29 0.00 | 25.01 0.26 0.00 | 25.21 0.25 0.00 | 28.93 0.37 0.00 | 27.37 0.34 0.00 | 25.92 0.29 0.00 | 25.17 0.23 0.00 | 26.67 0.32 0.00 | 27.24 0.35 0.00 | 27.29 0.33 0.00 | 30.30 0.33 0.00 | 34.87 0.37 0.00 | 33.49 0.37 0.00 | 35.13 0.45 0.00 | 33.78 0.44 0.00 | 30.50 0.49 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 24.83 0.35 0.00 | 28.40 0.44 0.00 | 26.73 0.41 0.00 | 27.18 0.41 0.00 | 25.63 0.34 0.00 | 27.43 0.34 0.00 | 38.60 0.58 0.00 | 38.34 0.54 0.00 | 28.80 0.29 0.00 | 25.01 0.26 0.00 | 25.21 0.25 0.00 | 28.93 0.37 0.00 | 27.37 0.34 0.00 | 25.92 0.29 0.00 | 25.17 0.23 0.00 | 26.67 0.32 0.00 | 27.24 0.35 0.00 | 27.29 0.33 0.00 | 30.30 0.33 0.00 | 34.87 0.37 0.00 | 33.49 0.37 0.00 | 35.13 0.45 0.00 | 33.78 0.44 0.00 | 30.50 0.49 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 24.77 0.29 0.00 | 28.20 0.24 0.00 | 26.56 0.24 0.00 | 26.98 0.21 0.00 | 25.55 0.26 0.00 | 27.40 0.31 0.00 | 38.27 0.25 0.00 | 38.27 0.48 0.00 | 29.13 0.62 0.00 | 25.29 0.54 0.00 | 25.62 0.66 0.00 | 29.27 0.69 -0.02 | 27.92 0.76 -0.12 | 26.30 0.64 -0.03 | 25.63 0.70 0.00 | 27.01 0.66 0.00 | 27.49 0.60 0.00 | 27.56 0.60 0.00 | 30.53 0.56 0.00 | 35.11 0.60 0.00 | 33.67 0.55 0.00 | 35.43 0.47 -0.28 | 34.13 0.48 -0.30 | 30.61 0.36 -0.24 |
| SWANROAD_115KV_TB1 355699 | 23.96 -0.52 0.00 | 27.72 -0.24 0.00 | 25.91 -0.41 0.00 | 26.33 -0.43 0.00 | 24.59 -0.70 0.00 | 26.62 -0.47 0.00 | 37.45 -0.57 0.00 | 36.68 -1.12 0.00 | 28.05 -0.45 0.00 | 24.48 -0.27 0.00 | 24.78 -0.19 0.00 | 28.63 0.08 0.00 | 26.77 -0.27 0.00 | 25.80 0.17 0.00 | 25.02 0.09 0.00 | 26.59 0.24 0.00 | 27.09 0.20 0.00 | 26.55 -0.41 0.00 | 29.24 -0.72 0.00 | 33.77 -0.73 0.00 | 32.61 -0.51 0.00 | 34.55 -0.13 0.00 | 33.55 0.21 0.00 | 30.46 0.45 0.00 |
| SYNERGY___BIOGAS 323694 | 24.90 0.42 0.00 | 28.70 0.74 0.00 | 26.82 0.50 0.00 | 27.27 0.50 0.00 | 25.52 0.23 0.00 | 27.62 0.53 0.00 | 39.03 1.01 0.00 | 38.45 0.66 0.00 | 29.33 0.83 0.00 | 25.55 0.80 0.00 | 25.85 0.89 0.00 | 29.75 1.19 0.00 | 27.90 0.86 0.00 | 26.81 1.18 0.00 | 25.92 0.99 0.00 | 27.53 1.18 0.00 | 28.15 1.27 0.00 | 27.80 0.84 0.00 | 30.70 0.73 0.00 | 35.50 1.00 0.00 | 34.29 1.17 0.00 | 36.43 1.75 0.00 | 35.20 1.86 0.00 | 31.69 1.67 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 24.31 -0.17 0.00 | 27.79 -0.17 0.00 | 26.12 -0.20 0.00 | 26.56 -0.20 0.00 | 25.09 -0.20 0.00 | 26.91 -0.18 0.00 | 37.91 -0.11 0.00 | 37.62 -0.18 0.00 | 28.34 -0.17 0.00 | 24.64 -0.11 0.00 | 24.83 -0.13 0.00 | 28.41 -0.15 0.00 | 26.84 -0.20 0.00 | 25.51 -0.12 0.00 | 24.79 -0.14 0.00 | 26.22 -0.13 0.00 | 26.75 -0.14 0.00 | 26.80 -0.16 0.00 | 29.83 -0.13 0.00 | 34.43 -0.08 0.00 | 33.06 -0.05 0.00 | 34.60 -0.08 0.00 | 33.25 -0.08 0.00 | 29.86 -0.15 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 24.31 -0.17 0.00 | 27.79 -0.17 0.00 | 26.12 -0.20 0.00 | 26.56 -0.20 0.00 | 25.09 -0.20 0.00 | 26.91 -0.18 0.00 | 37.91 -0.11 0.00 | 37.62 -0.18 0.00 | 28.34 -0.17 0.00 | 24.64 -0.11 0.00 | 24.83 -0.13 0.00 | 28.41 -0.15 0.00 | 26.84 -0.20 0.00 | 25.51 -0.12 0.00 | 24.79 -0.14 0.00 | 26.22 -0.13 0.00 | 26.75 -0.14 0.00 | 26.80 -0.16 0.00 | 29.83 -0.13 0.00 | 34.43 -0.08 0.00 | 33.06 -0.05 0.00 | 34.60 -0.08 0.00 | 33.25 -0.08 0.00 | 29.86 -0.15 0.00 |
| SYRACUSE___POWER 24017 | 24.30 -0.18 0.00 | 27.77 -0.19 0.00 | 26.10 -0.22 0.00 | 26.54 -0.21 0.00 | 25.06 -0.23 0.00 | 26.89 -0.20 0.00 | 37.88 -0.14 0.00 | 37.60 -0.19 0.00 | 28.34 -0.17 0.00 | 24.65 -0.10 0.00 | 24.85 -0.11 0.00 | 28.41 -0.14 0.00 | 26.84 -0.19 0.00 | 25.51 -0.13 0.00 | 24.78 -0.15 0.00 | 26.20 -0.15 0.00 | 26.74 -0.14 0.00 | 26.79 -0.18 0.00 | 29.81 -0.15 0.00 | 34.43 -0.07 0.00 | 33.05 -0.06 0.00 | 34.58 -0.10 0.00 | 33.25 -0.09 0.00 | 29.85 -0.16 0.00 |
| TALLMAN__138KV_BK151 55660 | 24.87 0.39 0.00 | 28.30 0.33 0.00 | 26.64 0.32 0.00 | 27.06 0.30 0.00 | 25.64 0.35 0.00 | 27.49 0.40 0.00 | 38.42 0.40 0.00 | 38.46 0.66 0.00 | 29.29 0.78 0.00 | 25.43 0.68 0.00 | 25.78 0.82 0.00 | 29.46 0.88 -0.03 | 28.13 0.96 -0.14 | 26.49 0.82 -0.03 | 25.83 0.90 0.00 | 27.20 0.85 0.00 | 27.67 0.79 0.00 | 27.72 0.75 0.00 | 30.68 0.71 0.00 | 35.25 0.75 0.00 | 33.80 0.69 0.00 | 35.60 0.61 -0.31 | 34.31 0.63 -0.34 | 30.76 0.47 -0.27 |
| TEALLAVE_115KV_TB7 355573 | 24.19 -0.29 0.00 | 27.64 -0.32 0.00 | 25.98 -0.34 0.00 | 26.42 -0.35 0.00 | 24.94 -0.35 0.00 | 26.75 -0.33 0.00 | 37.69 -0.33 0.00 | 37.40 -0.40 0.00 | 28.19 -0.32 0.00 | 24.52 -0.23 0.00 | 24.72 -0.24 0.00 | 28.28 -0.28 0.00 | 26.72 -0.31 0.00 | 25.40 -0.23 0.00 | 24.68 -0.25 0.00 | 26.09 -0.26 0.00 | 26.62 -0.26 0.00 | 26.65 -0.31 0.00 | 29.66 -0.31 0.00 | 34.22 -0.29 0.00 | 32.85 -0.26 0.00 | 34.38 -0.29 0.00 | 33.07 -0.27 0.00 | 29.71 -0.31 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 24.44 -0.04 0.00 | 28.22 0.26 0.00 | 26.37 0.05 0.00 | 26.81 0.05 0.00 | 25.06 -0.23 0.00 | 27.12 0.03 0.00 | 38.24 0.22 0.00 | 37.56 -0.24 0.00 | 28.68 0.18 0.00 | 25.01 0.26 0.00 | 25.31 0.34 0.00 | 29.20 0.64 0.00 | 27.35 0.32 0.00 | 26.33 0.70 0.00 | 25.50 0.57 0.00 | 27.09 0.74 0.00 | 27.64 0.75 0.00 | 27.17 0.21 0.00 | 29.98 0.02 0.00 | 34.67 0.17 0.00 | 33.46 0.34 0.00 | 35.40 0.72 0.00 | 34.26 0.92 0.00 | 30.98 0.96 0.00 |
| TEMPLE___115KV_TB 2 55572 | 24.20 -0.28 0.00 | 27.65 -0.31 0.00 | 25.99 -0.33 0.00 | 26.43 -0.34 0.00 | 24.95 -0.34 0.00 | 26.76 -0.33 0.00 | 37.71 -0.31 0.00 | 37.42 -0.38 0.00 | 28.20 -0.31 0.00 | 24.53 -0.22 0.00 | 24.74 -0.22 0.00 | 28.29 -0.26 0.00 | 26.74 -0.30 0.00 | 25.42 -0.21 0.00 | 24.70 -0.23 0.00 | 26.10 -0.24 0.00 | 26.65 -0.23 0.00 | 26.67 -0.29 0.00 | 29.66 -0.31 0.00 | 34.24 -0.26 0.00 | 32.87 -0.25 0.00 | 34.39 -0.28 0.00 | 33.08 -0.26 0.00 | 29.71 -0.30 0.00 |
| TIANA____69_KV_BK 1 55817 | 24.58 0.10 0.00 | 27.89 -0.07 0.00 | 26.27 -0.05 0.00 | 26.61 -0.15 0.00 | 25.24 -0.05 0.00 | 27.13 0.04 0.00 | 37.69 -0.33 0.00 | 37.83 0.03 0.00 | 28.93 0.43 0.00 | 25.34 0.59 0.00 | 25.93 0.97 0.00 | 29.67 1.08 -0.03 | 28.01 0.81 -0.16 | 26.14 0.47 -0.04 | 25.65 0.72 0.00 | 26.91 0.56 0.00 | 27.42 0.54 0.00 | 24.49 0.41 2.89 | 30.30 0.34 0.00 | 34.80 0.30 0.00 | 26.53 0.20 6.78 | 35.25 0.20 -0.37 | 33.86 0.13 -0.40 | 30.37 0.04 -0.32 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TILDEN___115KV_TB1 80814 | 24.30 -0.18 0.00 | 27.77 -0.19 0.00 | 26.10 -0.22 0.00 | 26.54 -0.21 0.00 | 25.06 -0.23 0.00 | 26.89 -0.20 0.00 | 37.88 -0.14 0.00 | 37.60 -0.19 0.00 | 28.34 -0.17 0.00 | 24.65 -0.10 0.00 | 24.85 -0.11 0.00 | 28.41 -0.14 0.00 | 26.84 -0.19 0.00 | 25.51 -0.13 0.00 | 24.78 -0.15 0.00 | 26.20 -0.15 0.00 | 26.74 -0.14 0.00 | 26.79 -0.18 0.00 | 29.81 -0.15 0.00 | 34.43 -0.07 0.00 | 33.05 -0.06 0.00 | 34.58 -0.10 0.00 | 33.25 -0.09 0.00 | 29.85 -0.16 0.00 |
| TRIGEN___CC 323695 | 24.99 0.52 0.00 | 28.41 0.45 0.00 | 26.77 0.45 0.00 | 27.15 0.39 0.00 | 25.75 0.46 0.00 | 27.64 0.56 0.00 | 38.53 0.51 0.00 | 38.59 0.80 0.00 | 29.44 0.93 0.00 | 25.62 0.87 0.00 | 26.10 1.14 0.00 | 29.85 1.26 -0.03 | 28.34 1.15 -0.16 | 26.57 0.90 -0.04 | 25.96 1.03 0.00 | 27.20 0.85 0.00 | 27.69 0.80 0.00 | 26.93 0.73 0.76 | 30.67 0.71 0.00 | 35.20 0.70 0.00 | 31.93 0.59 1.78 | 35.67 0.62 -0.37 | 34.42 0.69 -0.40 | 30.90 0.57 -0.32 |
| TRINITY___115KV___4 BK 55933 | 24.46 -0.01 0.00 | 27.86 -0.10 0.00 | 26.27 -0.05 0.00 | 26.73 -0.03 0.00 | 25.31 0.02 0.00 | 27.09 0.00 0.00 | 37.72 -0.30 0.00 | 37.57 -0.22 0.00 | 28.49 -0.01 0.00 | 24.70 -0.05 0.00 | 24.89 -0.07 0.00 | 28.35 -0.18 0.02 | 26.82 -0.10 0.11 | 25.49 -0.12 0.03 | 24.88 -0.05 0.00 | 26.23 -0.12 0.00 | 26.74 -0.14 0.00 | 26.94 -0.02 0.00 | 29.96 0.00 0.00 | 34.25 -0.26 0.00 | 32.88 -0.24 0.00 | 34.15 -0.27 0.26 | 32.76 -0.29 0.28 | 29.54 -0.24 0.23 |
| UNION___PROCESSING_DRP 323587 | 24.44 -0.04 0.00 | 28.10 0.14 0.00 | 26.32 0.00 0.00 | 26.75 -0.01 0.00 | 25.12 -0.17 0.00 | 27.08 -0.01 0.00 | 38.24 0.22 0.00 | 37.75 -0.04 0.00 | 28.68 0.17 0.00 | 24.99 0.24 0.00 | 25.25 0.29 0.00 | 29.05 0.50 0.00 | 27.36 0.32 0.00 | 26.20 0.57 0.00 | 25.42 0.49 0.00 | 26.99 0.64 0.00 | 27.53 0.64 0.00 | 27.29 0.33 0.00 | 30.23 0.26 0.00 | 34.91 0.41 0.00 | 33.57 0.46 0.00 | 35.29 0.61 0.00 | 33.96 0.62 0.00 | 30.55 0.54 0.00 |
| UPPER HUDSON___HYD 24058 | 25.21 0.73 0.00 | 28.66 0.70 0.00 | 26.92 0.61 0.00 | 27.43 0.66 0.00 | 26.01 0.72 0.00 | 27.90 0.82 0.00 | 39.08 1.06 0.00 | 38.85 1.06 0.00 | 29.26 0.75 0.00 | 25.23 0.48 0.00 | 25.35 0.39 0.00 | 28.95 0.42 0.02 | 27.32 0.41 0.12 | 25.78 0.17 0.03 | 25.14 0.21 0.00 | 26.53 0.17 0.00 | 27.20 0.31 0.00 | 27.63 0.67 0.00 | 31.16 1.19 0.00 | 35.76 1.26 0.00 | 34.27 1.15 0.00 | 35.62 1.22 0.27 | 34.07 1.03 0.30 | 30.71 0.94 0.24 |
| UPPER RAQUET___HYD 24056 | 25.60 1.12 0.00 | 29.30 1.34 0.00 | 27.57 1.25 0.00 | 28.03 1.26 0.00 | 26.43 1.14 0.00 | 28.31 1.22 0.00 | 39.94 1.92 0.00 | 39.61 1.81 0.00 | 29.56 1.05 0.00 | 25.58 0.82 0.00 | 25.73 0.77 0.00 | 29.51 0.95 0.00 | 27.90 0.87 0.00 | 26.42 0.79 0.00 | 25.62 0.69 0.00 | 27.15 0.80 0.00 | 27.63 0.75 0.00 | 27.54 0.58 0.00 | 30.72 0.75 0.00 | 35.57 1.06 0.00 | 34.28 1.17 0.00 | 36.21 1.53 0.00 | 34.95 1.61 0.00 | 31.58 1.56 0.00 |
| VALLEY44_115KV_TB2 355964 | 24.45 -0.03 0.00 | 28.17 0.20 0.00 | 26.32 0.00 0.00 | 26.72 -0.04 0.00 | 25.01 -0.28 0.00 | 27.12 0.03 0.00 | 38.48 0.46 0.00 | 37.89 0.10 0.00 | 28.89 0.39 0.00 | 25.20 0.45 0.00 | 25.32 0.36 0.00 | 29.20 0.65 0.00 | 27.52 0.49 0.00 | 26.45 0.82 0.00 | 25.59 0.66 0.00 | 27.18 0.83 0.00 | 27.64 0.75 0.00 | 27.21 0.24 0.00 | 30.00 0.04 0.00 | 34.71 0.21 0.00 | 33.42 0.30 0.00 | 35.15 0.47 0.00 | 34.02 0.68 0.00 | 30.55 0.54 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 24.51 0.03 0.00 | 27.91 -0.05 0.00 | 26.29 -0.03 0.00 | 26.76 -0.01 0.00 | 25.39 0.10 0.00 | 27.20 0.11 0.00 | 38.05 0.03 0.00 | 37.89 0.10 0.00 | 28.67 0.16 0.00 | 24.73 -0.02 0.00 | 24.79 -0.17 0.00 | 28.24 -0.31 0.00 | 26.70 -0.33 0.00 | 25.33 -0.30 0.00 | 24.68 -0.25 0.00 | 26.00 -0.35 0.00 | 26.58 -0.31 0.00 | 26.85 -0.11 0.00 | 30.19 0.22 0.00 | 34.98 0.47 0.00 | 33.58 0.47 0.00 | 35.11 0.43 0.00 | 33.65 0.31 0.00 | 30.17 0.16 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 25.02 0.54 0.00 | 28.62 0.66 0.00 | 26.94 0.62 0.00 | 27.38 0.62 0.00 | 25.89 0.60 0.00 | 27.80 0.71 0.00 | 38.95 0.93 0.00 | 38.82 1.03 0.00 | 29.47 0.96 0.00 | 25.60 0.85 0.00 | 25.85 0.89 0.00 | 29.51 0.95 -0.01 | 27.97 0.91 -0.03 | 26.51 0.87 -0.01 | 25.77 0.84 0.00 | 27.23 0.89 0.00 | 27.80 0.92 0.00 | 27.88 0.91 0.00 | 31.03 1.06 0.00 | 35.80 1.29 0.00 | 34.32 1.20 0.00 | 35.87 1.13 -0.07 | 34.45 1.04 -0.07 | 30.88 0.81 -0.06 |
| VISCHER___FERRY HYD 24020 | 24.96 0.48 0.00 | 28.41 0.44 0.00 | 26.75 0.44 0.00 | 27.24 0.48 0.00 | 25.80 0.51 0.00 | 27.63 0.54 0.00 | 38.54 0.52 0.00 | 38.38 0.58 0.00 | 29.02 0.51 0.00 | 25.12 0.37 0.00 | 25.27 0.31 0.00 | 28.83 0.30 0.03 | 27.21 0.35 0.17 | 25.89 0.30 0.04 | 25.27 0.34 0.00 | 26.63 0.28 0.00 | 27.16 0.28 0.00 | 27.43 0.47 0.00 | 30.54 0.57 0.00 | 35.03 0.53 0.00 | 33.59 0.47 0.00 | 34.80 0.51 0.38 | 33.35 0.42 0.41 | 30.07 0.39 0.33 |
| V_A_10_SYNC_DSASP 323832 | 24.17 -0.31 0.00 | 27.90 -0.06 0.00 | 26.09 -0.22 0.00 | 26.53 -0.23 0.00 | 24.83 -0.46 0.00 | 26.82 -0.27 0.00 | 37.83 -0.19 0.00 | 37.18 -0.61 0.00 | 28.32 -0.19 0.00 | 24.71 -0.04 0.00 | 24.98 0.01 0.00 | 28.83 0.27 0.00 | 27.10 0.07 0.00 | 26.06 0.43 0.00 | 25.27 0.35 0.00 | 26.84 0.49 0.00 | 27.34 0.46 0.00 | 26.93 -0.03 0.00 | 29.73 -0.24 0.00 | 34.32 -0.18 0.00 | 33.04 -0.08 0.00 | 34.86 0.19 0.00 | 33.67 0.33 0.00 | 30.40 0.40 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 25.00 0.52 0.00 | 28.60 0.64 0.00 | 26.92 0.60 0.00 | 27.37 0.61 0.00 | 25.81 0.52 0.00 | 27.61 0.52 0.00 | 38.87 0.85 0.00 | 38.59 0.79 0.00 | 28.97 0.46 0.00 | 25.15 0.40 0.00 | 25.37 0.41 0.00 | 29.10 0.54 0.00 | 27.54 0.50 0.00 | 26.09 0.46 0.00 | 25.32 0.39 0.00 | 26.83 0.48 0.00 | 27.41 0.53 0.00 | 27.46 0.49 0.00 | 30.49 0.52 0.00 | 35.10 0.60 0.00 | 33.72 0.61 0.00 | 35.37 0.69 0.00 | 34.01 0.67 0.00 | 30.72 0.71 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 25.71 1.23 0.00 | 29.38 1.42 0.00 | 27.61 1.30 0.00 | 28.11 1.35 0.00 | 26.49 1.20 0.00 | 28.38 1.30 0.00 | 39.97 1.95 0.00 | 39.63 1.84 0.00 | 29.79 1.28 0.00 | 25.78 1.03 0.00 | 25.81 0.85 0.00 | 29.45 0.90 0.00 | 27.90 0.86 0.00 | 26.47 0.83 0.00 | 25.74 0.81 0.00 | 27.22 0.87 0.00 | 27.88 0.99 0.00 | 28.01 1.05 0.00 | 31.14 1.17 0.00 | 35.74 1.24 0.00 | 34.26 1.15 0.00 | 35.94 1.27 0.00 | 34.55 1.22 0.00 | 31.23 1.22 0.00 |
| V_D_10_SYNC_DSASP 323841 | 25.26 0.78 0.00 | 28.90 0.94 0.00 | 27.20 0.88 0.00 | 27.66 0.89 0.00 | 26.08 0.79 0.00 | 27.91 0.82 0.00 | 39.30 1.28 0.00 | 39.00 1.20 0.00 | 29.24 0.73 0.00 | 25.37 0.62 0.00 | 25.57 0.61 0.00 | 29.35 0.80 0.00 | 27.77 0.74 0.00 | 26.30 0.67 0.00 | 25.52 0.60 0.00 | 27.05 0.70 0.00 | 27.63 0.74 0.00 | 27.65 0.69 0.00 | 30.72 0.75 0.00 | 35.42 0.91 0.00 | 34.05 0.93 0.00 | 35.75 1.08 0.00 | 34.39 1.05 0.00 | 31.06 1.05 0.00 |
| V_E_10_SYNC_DSASP 323830 | 25.50 1.02 0.00 | 29.31 1.35 0.00 | 27.55 1.23 0.00 | 28.12 1.36 0.00 | 26.59 1.30 0.00 | 28.64 1.55 0.00 | 40.51 2.49 0.00 | 40.36 2.56 0.00 | 31.60 3.10 0.00 | 27.41 2.66 0.00 | 27.54 2.58 0.00 | 31.07 2.51 -0.01 | 29.33 2.26 -0.04 | 27.78 2.14 -0.01 | 26.87 1.94 0.00 | 28.37 2.02 0.00 | 29.11 2.23 0.00 | 29.29 2.33 0.00 | 32.91 2.95 0.00 | 38.31 3.81 0.00 | 36.53 3.41 0.00 | 38.14 3.38 -0.08 | 36.52 3.09 -0.09 | 32.46 2.38 -0.07 |

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| V_F_30_NSYNC___DSASP 323816 | 25.25 0.77 0.00 | 28.76 0.80 0.00 | 27.04 0.72 0.00 | 27.52 0.76 0.00 | 26.07 0.78 0.00 | 27.96 0.87 0.00 | 39.12 1.10 0.00 | 38.91 1.12 0.00 | 29.37 0.86 0.00 | 25.35 0.60 0.00 | 25.49 0.53 0.00 | 29.07 0.54 0.03 | 27.45 0.54 0.13 | 26.05 0.45 0.03 | 25.41 0.48 0.00 | 26.81 0.46 0.00 | 27.43 0.55 0.00 | 27.77 0.81 0.00 | 31.08 1.11 0.00 | 35.73 1.23 0.00 | 34.23 1.12 0.00 | 35.53 1.15 0.29 | 34.04 1.02 0.31 | 30.65 0.89 0.25 |
| V_F_30_SYNC_DSASP 323786 | 24.54 0.06 0.00 | 27.95 -0.01 0.00 | 26.36 0.05 0.00 | 26.82 0.06 0.00 | 25.39 0.10 0.00 | 27.18 0.09 0.00 | 37.88 -0.14 0.00 | 37.74 -0.07 0.00 | 28.62 0.11 0.00 | 24.81 0.05 0.00 | 24.98 0.02 0.00 | 28.46 -0.07 0.02 | 26.92 0.01 0.11 | 25.59 -0.01 0.03 | 24.98 0.05 0.00 | 26.36 0.01 0.00 | 26.88 -0.01 0.00 | 27.09 0.13 0.00 | 30.14 0.17 0.00 | 34.44 -0.06 0.00 | 33.06 -0.05 0.00 | 34.32 -0.09 0.27 | 32.92 -0.13 0.29 | 29.67 -0.11 0.23 |
| V_XM_10_SYNC_DSASP 323789 | 25.71 1.23 0.00 | 29.38 1.42 0.00 | 27.61 1.30 0.00 | 28.11 1.35 0.00 | 26.49 1.20 0.00 | 28.38 1.30 0.00 | 39.97 1.95 0.00 | 39.63 1.84 0.00 | 29.79 1.28 0.00 | 25.78 1.03 0.00 | 25.81 0.85 0.00 | 29.45 0.90 0.00 | 27.90 0.86 0.00 | 26.47 0.83 0.00 | 25.74 0.81 0.00 | 27.22 0.87 0.00 | 27.88 0.99 0.00 | 28.01 1.05 0.00 | 31.14 1.17 0.00 | 35.74 1.24 0.00 | 34.26 1.15 0.00 | 35.94 1.27 0.00 | 34.55 1.22 0.00 | 31.23 1.22 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 25.13 0.65 0.00 | 28.56 0.60 0.00 | 26.89 0.57 0.00 | 27.24 0.48 0.00 | 25.82 0.53 0.00 | 27.75 0.66 0.00 | 38.65 0.63 0.00 | 38.77 0.97 0.00 | 29.60 1.09 0.00 | 25.81 1.06 0.00 | 26.35 1.39 0.00 | 30.12 1.54 -0.03 | 28.48 1.29 -0.16 | 26.61 0.94 -0.04 | 26.09 1.15 0.00 | 27.36 1.01 0.00 | 27.84 0.95 0.00 | 25.27 0.88 2.57 | 30.86 0.89 0.00 | 35.41 0.91 0.00 | 27.86 0.79 6.04 | 35.85 0.81 -0.37 | 34.59 0.86 -0.40 | 31.06 0.73 -0.32 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 24.99 0.51 0.00 | 28.43 0.47 0.00 | 26.77 0.45 0.00 | 27.19 0.43 0.00 | 25.76 0.47 0.00 | 27.63 0.54 0.00 | 38.62 0.60 0.00 | 38.68 0.88 0.00 | 29.46 0.95 0.00 | 25.58 0.83 0.00 | 25.94 0.98 0.00 | 29.65 1.07 -0.03 | 28.30 1.12 -0.14 | 26.63 0.97 -0.03 | 25.98 1.05 0.00 | 27.36 1.01 0.00 | 27.85 0.96 0.00 | 27.89 0.93 0.00 | 30.87 0.91 0.00 | 35.47 0.97 0.00 | 34.00 0.88 0.00 | 35.81 0.81 -0.33 | 34.50 0.81 -0.35 | 30.92 0.63 -0.28 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 25.03 0.55 0.00 | 28.45 0.49 0.00 | 26.85 0.53 0.00 | 27.26 0.50 0.00 | 25.85 0.56 0.00 | 27.73 0.64 0.00 | 38.71 0.69 0.00 | 38.82 1.02 0.00 | 29.61 1.11 0.00 | 25.69 0.94 0.00 | 26.05 1.09 0.00 | 29.75 1.16 -0.03 | 28.42 1.23 -0.16 | 26.75 1.08 -0.04 | 26.08 1.15 0.00 | 27.45 1.10 0.00 | 27.95 1.06 0.00 | 27.97 1.01 0.00 | 30.91 0.94 0.00 | 35.45 0.95 0.00 | 33.96 0.84 0.00 | 35.81 0.77 -0.37 | 34.47 0.74 -0.40 | 30.88 0.55 -0.32 |
| W50THST__13_KV_LOAD 356117 | 25.15 0.67 0.00 | 28.57 0.61 0.00 | 26.97 0.65 0.00 | 27.37 0.61 0.00 | 25.96 0.67 0.00 | 27.86 0.77 0.00 | 38.91 0.89 0.00 | 39.05 1.25 0.00 | 29.82 1.31 0.00 | 25.88 1.13 0.00 | 26.23 1.27 0.00 | 29.96 1.37 -0.03 | 28.62 1.42 -0.16 | 26.95 1.28 -0.04 | 26.28 1.35 0.00 | 27.67 1.32 0.00 | 28.16 1.27 0.00 | 28.16 1.20 0.00 | 31.09 1.13 0.00 | 35.65 1.15 0.00 | 34.13 1.02 0.00 | 35.98 0.94 -0.37 | 34.63 0.89 -0.40 | 31.01 0.68 -0.32 |
| WADING RIVER_IC_1 23522 | 24.40 -0.08 0.00 | 27.69 -0.27 0.00 | 26.08 -0.24 0.00 | 26.41 -0.35 0.00 | 25.05 -0.24 0.00 | 26.92 -0.16 0.00 | 37.38 -0.64 0.00 | 37.49 -0.31 0.00 | 28.65 0.14 0.00 | 25.07 0.32 0.00 | 25.65 0.69 0.00 | 29.34 0.75 -0.03 | 27.71 0.51 -0.16 | 25.87 0.20 -0.04 | 25.38 0.45 0.00 | 26.60 0.25 0.00 | 27.10 0.21 0.00 | 24.19 0.12 2.89 | 29.95 -0.02 0.00 | 34.40 -0.11 0.00 | 26.15 -0.18 6.79 | 34.90 -0.15 -0.37 | 33.55 -0.19 -0.40 | 30.12 -0.20 -0.32 |
| WADING RIVER_IC_2 23547 | 24.40 -0.08 0.00 | 27.69 -0.27 0.00 | 26.08 -0.24 0.00 | 26.41 -0.35 0.00 | 25.05 -0.24 0.00 | 26.92 -0.16 0.00 | 37.38 -0.64 0.00 | 37.49 -0.31 0.00 | 28.65 0.14 0.00 | 25.07 0.32 0.00 | 25.65 0.69 0.00 | 29.34 0.75 -0.03 | 27.71 0.51 -0.16 | 25.87 0.20 -0.04 | 25.38 0.45 0.00 | 26.60 0.25 0.00 | 27.10 0.21 0.00 | 24.19 0.12 2.89 | 29.95 -0.02 0.00 | 34.40 -0.11 0.00 | 26.15 -0.18 6.79 | 34.90 -0.15 -0.37 | 33.55 -0.19 -0.40 | 30.12 -0.20 -0.32 |
| WADING RIVER_IC_3 23601 | 24.40 -0.08 0.00 | 27.69 -0.27 0.00 | 26.08 -0.24 0.00 | 26.41 -0.35 0.00 | 25.05 -0.24 0.00 | 26.92 -0.16 0.00 | 37.38 -0.64 0.00 | 37.49 -0.31 0.00 | 28.65 0.14 0.00 | 25.07 0.32 0.00 | 25.65 0.69 0.00 | 29.34 0.75 -0.03 | 27.71 0.51 -0.16 | 25.87 0.20 -0.04 | 25.38 0.45 0.00 | 26.60 0.25 0.00 | 27.10 0.21 0.00 | 24.19 0.12 2.89 | 29.95 -0.02 0.00 | 34.40 -0.11 0.00 | 26.15 -0.18 6.79 | 34.90 -0.15 -0.37 | 33.55 -0.19 -0.40 | 30.12 -0.20 -0.32 |
| WALDENNY_12_KV_BK2 80841 | 24.43 -0.05 0.00 | 28.21 0.25 0.00 | 26.36 0.04 0.00 | 26.78 0.01 0.00 | 25.03 -0.26 0.00 | 27.09 0.00 0.00 | 38.24 0.22 0.00 | 37.55 -0.25 0.00 | 28.70 0.20 0.00 | 25.05 0.29 0.00 | 25.34 0.38 0.00 | 29.30 0.74 0.00 | 27.49 0.46 0.00 | 26.48 0.85 0.00 | 25.66 0.74 0.00 | 27.30 0.95 0.00 | 27.81 0.92 0.00 | 27.33 0.36 0.00 | 30.13 0.16 0.00 | 34.82 0.32 0.00 | 33.55 0.44 0.00 | 35.40 0.72 0.00 | 34.24 0.90 0.00 | 30.89 0.88 0.00 |
| WALDEN__HYDRO 24148 | 24.87 0.38 0.00 | 28.30 0.34 0.00 | 26.66 0.34 0.00 | 27.08 0.31 0.00 | 25.65 0.36 0.00 | 27.51 0.42 0.00 | 38.42 0.41 0.00 | 38.45 0.65 0.00 | 29.26 0.75 0.00 | 25.40 0.65 0.00 | 25.70 0.74 0.00 | 29.35 0.77 -0.02 | 28.00 0.85 -0.11 | 26.38 0.72 -0.03 | 25.71 0.78 0.00 | 27.12 0.77 0.00 | 27.61 0.72 0.00 | 27.66 0.70 0.00 | 30.68 0.72 0.00 | 35.28 0.78 0.00 | 33.83 0.72 0.00 | 35.59 0.64 -0.27 | 34.25 0.63 -0.29 | 30.72 0.47 -0.23 |
| WARRENSBURG____ 23737 | 25.21 0.73 0.00 | 28.66 0.70 0.00 | 26.92 0.61 0.00 | 27.43 0.66 0.00 | 26.01 0.72 0.00 | 27.90 0.81 0.00 | 39.08 1.06 0.00 | 38.85 1.06 0.00 | 29.26 0.75 0.00 | 25.23 0.48 0.00 | 25.35 0.39 0.00 | 28.95 0.42 0.02 | 27.32 0.41 0.12 | 25.78 0.18 0.03 | 25.14 0.21 0.00 | 26.52 0.17 0.00 | 27.20 0.31 0.00 | 27.63 0.67 0.00 | 31.16 1.19 0.00 | 35.76 1.26 0.00 | 34.27 1.15 0.00 | 35.62 1.22 0.27 | 34.07 1.03 0.30 | 30.71 0.94 0.24 |
| WATERSIDE____6 8 9 23538 | 25.05 0.57 0.00 | 28.39 0.43 0.00 | 26.89 0.57 0.00 | 27.26 0.50 0.00 | 25.88 0.59 0.00 | 27.72 0.63 0.00 | 38.69 0.67 0.00 | 38.82 1.03 0.00 | 29.66 1.16 0.00 | 25.76 1.01 0.00 | 26.12 1.16 0.00 | 29.78 1.19 -0.03 | 28.50 1.30 -0.16 | 26.80 1.13 -0.04 | 26.17 1.24 0.00 | 27.51 1.16 0.00 | 28.01 1.13 0.00 | 28.01 1.05 0.00 | 30.93 0.97 0.00 | 35.49 0.99 0.00 | 33.99 0.87 0.00 | 35.87 0.82 -0.37 | 34.53 0.79 -0.40 | 30.92 0.59 -0.32 |
| WATKINRD_115KV_LN8_ILLION 55919 | 24.47 -0.01 0.00 | 27.88 -0.07 0.00 | 26.27 -0.04 0.00 | 26.73 -0.04 0.00 | 25.33 0.03 0.00 | 27.14 0.06 0.00 | 37.99 -0.03 0.00 | 37.80 0.01 0.00 | 28.58 0.07 0.00 | 24.69 -0.06 0.00 | 24.80 -0.16 0.00 | 28.28 -0.28 0.00 | 26.74 -0.29 0.00 | 25.37 -0.27 0.00 | 24.70 -0.23 0.00 | 26.05 -0.30 0.00 | 26.61 -0.28 0.00 | 26.83 -0.13 0.00 | 30.06 0.09 0.00 | 34.77 0.27 0.00 | 33.38 0.26 0.00 | 34.90 0.22 0.00 | 33.49 0.15 0.00 | 30.05 0.04 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 24.46 -0.02 0.00 | 27.84 -0.12 0.00 | 26.21 -0.11 0.00 | 26.61 -0.15 0.00 | 25.20 -0.09 0.00 | 27.03 -0.06 0.00 | 37.79 -0.23 0.00 | 37.81 0.01 0.00 | 28.76 0.26 0.00 | 24.97 0.22 0.00 | 25.24 0.28 0.00 | 28.80 0.23 -0.02 | 27.41 0.28 -0.09 | 25.82 0.16 -0.02 | 25.17 0.24 0.00 | 26.46 0.11 0.00 | 26.34 -0.54 0.00 | 26.50 -0.46 0.00 | 29.48 -0.48 0.00 | 33.97 -0.53 0.00 | 32.55 -0.56 0.00 | 34.27 -0.61 -0.21 | 33.76 0.20 -0.22 | 30.24 0.05 -0.18 |
| WEST BABYLON___IC 23714 | 25.13 0.65 0.00 | 28.56 0.60 0.00 | 26.89 0.57 0.00 | 27.24 0.48 0.00 | 25.82 0.53 0.00 | 27.75 0.66 0.00 | 38.65 0.63 0.00 | 38.77 0.97 0.00 | 29.60 1.09 0.00 | 25.81 1.06 0.00 | 26.35 1.39 0.00 | 30.12 1.54 -0.03 | 28.48 1.29 -0.16 | 26.61 0.94 -0.04 | 26.09 1.15 0.00 | 27.36 1.01 0.00 | 27.84 0.95 0.00 | 25.27 0.88 2.57 | 30.86 0.89 0.00 | 35.41 0.91 0.00 | 27.86 0.79 6.04 | 35.85 0.81 -0.37 | 34.59 0.86 -0.40 | 31.06 0.73 -0.32 |
| WEST CANADA___HYD 24049 | 24.41 -0.07 0.00 | 27.88 -0.08 0.00 | 26.25 -0.07 0.00 | 26.71 -0.05 0.00 | 25.24 -0.05 0.00 | 27.04 -0.05 0.00 | 37.91 -0.11 0.00 | 37.71 -0.09 0.00 | 28.45 -0.06 0.00 | 24.69 -0.06 0.00 | 24.89 -0.07 0.00 | 28.44 -0.12 0.00 | 26.93 -0.11 0.00 | 25.53 -0.10 0.00 | 24.85 -0.08 0.00 | 26.25 -0.10 0.00 | 26.78 -0.11 0.00 | 26.88 -0.08 0.00 | 29.91 -0.06 0.00 | 34.43 -0.07 0.00 | 33.05 -0.06 0.00 | 34.59 -0.09 0.00 | 33.25 -0.09 0.00 | 29.92 -0.09 0.00 |
| WESTERN_NY_WIND 24143 | 24.87 0.39 0.00 | 28.67 0.71 0.00 | 26.80 0.48 0.00 | 27.24 0.48 0.00 | 25.49 0.20 0.00 | 27.59 0.50 0.00 | 38.98 0.96 0.00 | 38.39 0.60 0.00 | 29.30 0.79 0.00 | 25.52 0.77 0.00 | 25.82 0.86 0.00 | 29.72 1.16 0.00 | 27.87 0.83 0.00 | 26.79 1.15 0.00 | 25.89 0.96 0.00 | 27.50 1.15 0.00 | 28.12 1.24 0.00 | 27.77 0.81 0.00 | 30.66 0.69 0.00 | 35.45 0.95 0.00 | 34.25 1.13 0.00 | 36.40 1.73 0.00 | 35.18 1.84 0.00 | 31.67 1.66 0.00 |
| WESTOVER___LESR 323668 | 24.45 -0.03 0.00 | 27.98 0.02 0.00 | 26.29 -0.03 0.00 | 26.72 -0.04 0.00 | 25.22 -0.07 0.00 | 27.12 0.03 0.00 | 38.14 0.12 0.00 | 37.86 0.07 0.00 | 28.71 0.20 0.00 | 24.96 0.21 0.00 | 25.17 0.20 0.00 | 28.84 0.29 0.00 | 27.25 0.19 -0.02 | 25.93 0.29 0.00 | 25.14 0.21 0.00 | 26.62 0.27 0.00 | 27.16 0.27 0.00 | 27.12 0.15 0.00 | 30.12 0.15 0.00 | 34.82 0.32 0.00 | 33.41 0.29 0.00 | 35.00 0.27 -0.05 | 33.68 0.28 -0.06 | 30.18 0.12 -0.05 |
| WETHRSFD_WT_PWR 323626 | 24.37 -0.11 0.00 | 28.09 0.13 0.00 | 26.27 -0.05 0.00 | 26.68 -0.08 0.00 | 25.00 -0.30 0.00 | 27.04 -0.05 0.00 | 38.16 0.14 0.00 | 37.53 -0.26 0.00 | 28.62 0.12 0.00 | 24.92 0.17 0.00 | 25.15 0.19 0.00 | 29.02 0.47 0.00 | 27.20 0.17 0.00 | 26.12 0.49 0.00 | 25.27 0.34 0.00 | 26.94 0.59 0.00 | 27.48 0.60 0.00 | 27.12 0.16 0.00 | 30.03 0.06 0.00 | 34.73 0.23 0.00 | 33.45 0.34 0.00 | 35.22 0.54 0.00 | 34.01 0.67 0.00 | 30.63 0.61 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 24.84 0.36 0.00 | 28.26 0.30 0.00 | 26.62 0.30 0.00 | 27.04 0.27 0.00 | 25.61 0.32 0.00 | 27.47 0.38 0.00 | 38.37 0.35 0.00 | 38.42 0.62 0.00 | 29.25 0.75 0.00 | 25.40 0.65 0.00 | 25.74 0.78 0.00 | 29.41 0.83 -0.03 | 28.08 0.91 -0.14 | 26.44 0.77 -0.03 | 25.77 0.84 0.00 | 27.15 0.79 0.00 | 27.61 0.73 0.00 | 27.66 0.70 0.00 | 30.62 0.65 0.00 | 35.17 0.66 0.00 | 33.73 0.61 0.00 | 35.54 0.54 -0.33 | 34.24 0.55 -0.35 | 30.70 0.41 -0.28 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 24.84 0.36 0.00 | 28.26 0.30 0.00 | 26.62 0.30 0.00 | 27.04 0.27 0.00 | 25.61 0.32 0.00 | 27.47 0.38 0.00 | 38.37 0.35 0.00 | 38.42 0.62 0.00 | 29.25 0.75 0.00 | 25.40 0.65 0.00 | 25.74 0.78 0.00 | 29.41 0.83 -0.03 | 28.08 0.91 -0.14 | 26.44 0.77 -0.03 | 25.77 0.84 0.00 | 27.15 0.79 0.00 | 27.61 0.73 0.00 | 27.66 0.70 0.00 | 30.62 0.65 0.00 | 35.17 0.66 0.00 | 33.73 0.61 0.00 | 35.54 0.54 -0.33 | 34.24 0.55 -0.35 | 30.70 0.41 -0.28 |
| WHITEHAL_115KV_TB1 80871 | 25.82 1.34 0.00 | 29.20 1.24 0.00 | 27.37 1.05 0.00 | 27.90 1.14 0.00 | 26.54 1.25 0.00 | 28.48 1.39 0.00 | 39.95 1.93 0.00 | 39.68 1.89 0.00 | 29.76 1.26 0.00 | 25.54 0.79 0.00 | 25.83 0.87 0.00 | 29.73 1.20 0.02 | 28.11 1.20 0.12 | 26.65 1.05 0.03 | 25.94 1.00 0.00 | 27.26 0.91 0.00 | 28.08 1.19 0.00 | 28.59 1.62 0.00 | 32.07 2.10 0.00 | 36.60 2.09 0.00 | 35.03 1.91 0.00 | 36.48 2.08 0.28 | 34.79 1.75 0.30 | 31.58 1.81 0.24 |
| WHITEPLN_13_KV_LOAD 356215 | 25.14 0.66 0.00 | 28.58 0.62 0.00 | 26.95 0.63 0.00 | 27.37 0.60 0.00 | 25.93 0.64 0.00 | 27.81 0.72 0.00 | 38.87 0.85 0.00 | 38.95 1.16 0.00 | 29.70 1.19 0.00 | 25.77 1.02 0.00 | 26.14 1.18 0.00 | 29.86 1.28 -0.03 | 28.51 1.31 -0.16 | 26.83 1.17 -0.04 | 26.16 1.23 0.00 | 27.56 1.21 0.00 | 28.05 1.16 0.00 | 28.11 1.14 0.00 | 31.09 1.12 0.00 | 35.68 1.18 0.00 | 34.18 1.06 0.00 | 36.03 0.99 -0.36 | 34.68 0.95 -0.39 | 31.08 0.75 -0.31 |
| WM_FLOYD_69_KV_BK2 356380 | 24.68 0.20 0.00 | 28.02 0.06 0.00 | 26.38 0.06 0.00 | 26.73 -0.04 0.00 | 25.34 0.05 0.00 | 27.24 0.15 0.00 | 37.82 -0.20 0.00 | 37.93 0.13 0.00 | 28.98 0.48 0.00 | 25.35 0.60 0.00 | 25.94 0.98 0.00 | 29.66 1.07 -0.03 | 28.02 0.82 -0.16 | 26.15 0.48 -0.04 | 25.67 0.74 0.00 | 26.91 0.56 0.00 | 27.39 0.51 0.00 | 24.47 0.39 2.88 | 30.29 0.32 0.00 | 34.79 0.29 0.00 | 26.55 0.20 6.77 | 35.28 0.23 -0.37 | 33.95 0.21 -0.40 | 30.48 0.15 -0.32 |
| WOODARD__115KV_TB2 355635 | 24.15 -0.33 0.00 | 27.60 -0.36 0.00 | 25.94 -0.38 0.00 | 26.38 -0.38 0.00 | 24.91 -0.38 0.00 | 26.71 -0.38 0.00 | 37.63 -0.39 0.00 | 37.34 -0.45 0.00 | 28.12 -0.38 0.00 | 24.46 -0.29 0.00 | 24.66 -0.30 0.00 | 28.21 -0.34 0.00 | 26.66 -0.38 0.00 | 25.34 -0.30 0.00 | 24.62 -0.31 0.00 | 26.03 -0.32 0.00 | 26.56 -0.32 0.00 | 26.61 -0.36 0.00 | 29.60 -0.37 0.00 | 34.15 -0.35 0.00 | 32.79 -0.33 0.00 | 34.32 -0.35 0.00 | 33.01 -0.33 0.00 | 29.64 -0.37 0.00 |
| WOODMERE_69_KV_BK1 55827 | 25.23 0.75 0.00 | 28.66 0.70 0.00 | 27.00 0.68 0.00 | 27.39 0.62 0.00 | 25.96 0.67 0.00 | 27.89 0.80 0.00 | 38.88 0.86 0.00 | 38.95 1.15 0.00 | 29.71 1.20 0.00 | 25.86 1.11 0.00 | 26.34 1.38 0.00 | 30.16 1.57 -0.03 | 28.63 1.44 -0.16 | 26.87 1.20 -0.04 | 26.22 1.29 0.00 | 27.50 1.15 0.00 | 28.00 1.12 0.00 | 27.63 1.06 0.39 | 31.05 1.09 0.00 | 35.64 1.13 0.00 | 33.19 1.00 0.93 | 36.09 1.04 -0.37 | 34.81 1.08 -0.40 | 31.22 0.89 -0.32 |
| YORK___WARBASSE 23770 | 25.07 0.59 0.00 | 28.44 0.48 0.00 | 26.90 0.59 0.00 | 27.28 0.51 0.00 | 25.90 0.61 0.00 | 27.74 0.65 0.00 | 38.76 0.74 0.00 | 38.87 1.08 0.00 | 29.68 1.17 0.00 | 25.75 1.00 0.00 | 26.10 1.13 0.00 | 29.79 1.20 -0.03 | 28.51 1.32 -0.16 | 26.78 1.11 -0.04 | 26.15 1.22 0.00 | 27.50 1.15 0.00 | 28.03 1.14 0.00 | 28.02 1.05 0.00 | 30.96 1.00 0.00 | 35.55 1.04 0.00 | 34.04 0.93 0.00 | 35.92 0.88 -0.37 | 34.59 0.85 -0.40 | 30.97 0.64 -0.32 |