

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/30/2023

| Name | PTID | 00:00 EDT | 01:00 EDT | 02:00 EDT | 03:00 EDT | 04:00 EDT | 05:00 EDT | 06:00 EDT | 07:00 EDT | 08:00 EDT | 09:00 EDT | 10:00 EDT | 11:00 EDT | 12:00 EDT | 13:00 EDT | 14:00 EDT | 15:00 EDT | 16:00 EDT | 17:00 EDT | 18:00 EDT | 19:00 EDT | 20:00 EDT | 21:00 EDT | 22:00 EDT | 23:00 EDT |
|----------------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 59TH STREET_GT_1 | 24138 | 27.80 | 26.77 | 22.58 | 20.04 | 18.07 | 14.33 | 17.55 | 17.02 | 16.24 | 15.05 | 15.27 | 16.57 | 17.25 | 17.66 | 18.44 | 21.11 | 23.64 | 26.51 | 25.79 | 31.53 | 31.76 | 29.19 | 26.76 | 21.41 |
| | | 2.23 | 2.03 | 1.58 | 1.38 | 1.25 | 0.94 | 1.01 | 1.05 | 1.17 | 1.12 | 1.15 | 1.25 | 1.35 | 1.49 | 1.61 | 1.90 | 2.09 | 2.23 | 1.88 | 2.12 | 2.09 | 1.96 | 1.65 | 1.32 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 24260 | 27.92 | 26.89 | 22.68 | 20.13 | 18.15 | 14.39 | 17.63 | 17.09 | 16.30 | 15.11 | 15.32 | 16.62 | 17.32 | 17.73 | 18.51 | 21.18 | 23.72 | 26.60 | 25.91 | 31.69 | 31.91 | 29.32 | 26.88 | 21.52 |
| | | 2.36 | 2.15 | 1.67 | 1.46 | 1.32 | 0.99 | 1.09 | 1.12 | 1.23 | 1.18 | 1.20 | 1.30 | 1.42 | 1.56 | 1.68 | 1.97 | 2.17 | 2.32 | 2.00 | 2.27 | 2.24 | 2.09 | 1.76 | 1.43 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 24261 | 27.92 | 26.89 | 22.68 | 20.13 | 18.15 | 14.39 | 17.63 | 17.09 | 16.30 | 15.11 | 15.32 | 16.62 | 17.32 | 17.73 | 18.51 | 21.18 | 23.72 | 26.60 | 25.91 | 31.69 | 31.91 | 29.32 | 26.88 | 21.52 |
| | | 2.36 | 2.15 | 1.67 | 1.46 | 1.32 | 0.99 | 1.09 | 1.12 | 1.23 | 1.18 | 1.20 | 1.30 | 1.42 | 1.56 | 1.68 | 1.97 | 2.17 | 2.32 | 2.00 | 2.27 | 2.24 | 2.09 | 1.76 | 1.43 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 24011 | 27.25 | 26.28 | 22.34 | 19.78 | 17.78 | 14.10 | 17.23 | 16.61 | 15.71 | 14.51 | 14.63 | 15.90 | 16.49 | 16.77 | 17.42 | 19.89 | 22.57 | 25.62 | 25.47 | 31.27 | 31.44 | 28.69 | 26.26 | 21.07 |
| | | 1.68 | 1.53 | 1.34 | 1.11 | 0.96 | 0.69 | 0.69 | 0.64 | 0.65 | 0.59 | 0.52 | 0.57 | 0.58 | 0.60 | 0.58 | 0.74 | 1.01 | 1.34 | 1.56 | 1.86 | 1.78 | 1.47 | 1.14 | 0.98 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 23798 | 27.47 | 26.47 | 22.52 | 19.92 | 17.88 | 14.16 | 17.29 | 16.67 | 15.79 | 14.58 | 14.72 | 16.00 | 16.59 | 16.87 | 17.50 | 20.01 | 22.73 | 25.84 | 25.71 | 31.55 | 31.71 | 28.87 | 26.41 | 21.22 |
| | | 1.91 | 1.72 | 1.52 | 1.25 | 1.06 | 0.76 | 0.75 | 0.70 | 0.72 | 0.65 | 0.60 | 0.68 | 0.69 | 0.70 | 0.67 | 0.86 | 1.17 | 1.57 | 1.80 | 2.14 | 2.05 | 1.64 | 1.29 | 1.13 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 24028 | 27.25 | 26.28 | 22.34 | 19.78 | 17.78 | 14.10 | 17.23 | 16.61 | 15.71 | 14.51 | 14.63 | 15.90 | 16.49 | 16.77 | 17.42 | 19.89 | 22.57 | 25.62 | 25.47 | 31.27 | 31.44 | 28.69 | 26.26 | 21.07 |
| | | 1.68 | 1.53 | 1.34 | 1.11 | 0.96 | 0.69 | 0.69 | 0.64 | 0.65 | 0.59 | 0.52 | 0.57 | 0.58 | 0.60 | 0.58 | 0.74 | 1.01 | 1.34 | 1.56 | 1.86 | 1.78 | 1.47 | 1.14 | 0.98 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 23527 | 26.92 | 26.07 | 22.18 | 19.65 | 17.77 | 14.10 | 17.26 | 16.61 | 15.65 | 14.47 | 14.60 | 15.83 | 16.42 | 16.71 | 17.35 | 19.74 | 22.38 | 25.21 | 24.93 | 30.62 | 30.86 | 28.43 | 26.04 | 20.99 |
| | | 1.35 | 1.32 | 1.18 | 0.99 | 0.95 | 0.70 | 0.72 | 0.64 | 0.58 | 0.54 | 0.48 | 0.50 | 0.52 | 0.53 | 0.52 | 0.61 | 0.83 | 0.94 | 1.02 | 1.21 | 1.20 | 1.21 | 0.92 | 0.90 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 24190 | 26.15 | 25.31 | 21.47 | 19.07 | 17.23 | 13.70 | 16.79 | 16.15 | 15.26 | 14.14 | 14.32 | 15.53 | 16.13 | 16.44 | 17.12 | 19.49 | 21.98 | 24.75 | 24.36 | 29.89 | 30.11 | 27.66 | 25.33 | 20.34 |
| | | 0.59 | 0.56 | 0.47 | 0.40 | 0.40 | 0.30 | 0.25 | 0.19 | 0.19 | 0.22 | 0.21 | 0.20 | 0.23 | 0.27 | 0.28 | 0.33 | 0.42 | 0.47 | 0.45 | 0.47 | 0.45 | 0.43 | 0.22 | 0.25 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 355683 | 25.45 | 24.66 | 20.96 | 18.63 | 16.77 | 13.34 | 16.58 | 15.99 | 15.05 | 13.87 | 14.07 | 15.30 | 15.85 | 16.08 | 16.72 | 19.03 | 21.40 | 24.08 | 23.73 | 29.23 | 29.52 | 27.14 | 25.12 | 19.93 |
| | | -0.12 | -0.08 | -0.04 | -0.04 | -0.06 | -0.06 | 0.04 | 0.02 | -0.02 | -0.06 | -0.04 | -0.03 | -0.05 | -0.09 | -0.11 | -0.15 | -0.15 | -0.20 | -0.19 | -0.18 | -0.15 | -0.09 | -0.01 | -0.16 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 23571 | 26.15 | 25.31 | 21.47 | 19.07 | 17.23 | 13.70 | 16.79 | 16.15 | 15.26 | 14.14 | 14.32 | 15.53 | 16.13 | 16.44 | 17.12 | 19.49 | 21.98 | 24.75 | 24.36 | 29.89 | 30.11 | 27.66 | 25.33 | 20.34 |
| | | 0.59 | 0.56 | 0.47 | 0.40 | 0.40 | 0.30 | 0.25 | 0.19 | 0.19 | 0.22 | 0.21 | 0.20 | 0.23 | 0.27 | 0.28 | 0.33 | 0.42 | 0.47 | 0.45 | 0.47 | 0.45 | 0.43 | 0.22 | 0.25 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___2 | 23572 | 26.15 | 25.31 | 21.47 | 19.07 | 17.23 | 13.70 | 16.79 | 16.15 | 15.26 | 14.14 | 14.32 | 15.53 | 16.13 | 16.44 | 17.12 | 19.49 | 21.98 | 24.75 | 24.36 | 29.89 | 30.11 | 27.66 | 25.33 | 20.34 |
| | | 0.59 | 0.56 | 0.47 | 0.40 | 0.40 | 0.30 | 0.25 | 0.19 | 0.19 | 0.22 | 0.21 | 0.20 | 0.23 | 0.27 | 0.28 | 0.33 | 0.42 | 0.47 | 0.45 | 0.47 | 0.45 | 0.43 | 0.22 | 0.25 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___3 | 23573 | 26.15 | 25.31 | 21.47 | 19.07 | 17.23 | 13.70 | 16.79 | 16.15 | 15.26 | 14.14 | 14.32 | 15.53 | 16.13 | 16.44 | 17.12 | 19.49 | 21.98 | 24.75 | 24.36 | 29.89 | 30.11 | 27.66 | 25.33 | 20.34 |
| | | 0.59 | 0.56 | 0.47 | 0.40 | 0.40 | 0.30 | 0.25 | 0.19 | 0.19 | 0.22 | 0.21 | 0.20 | 0.23 | 0.27 | 0.28 | 0.33 | 0.42 | 0.47 | 0.45 | 0.47 | 0.45 | 0.43 | 0.22 | 0.25 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 26.15 0.59 0.00 | 25.31 0.56 0.00 | 21.47 0.47 0.00 | 19.07 0.40 0.00 | 17.23 0.40 0.00 | 13.70 0.30 0.00 | 16.79 0.25 0.00 | 16.15 0.19 0.00 | 15.26 0.19 0.00 | 14.14 0.22 0.00 | 14.32 0.21 0.00 | 15.53 0.20 0.00 | 16.13 0.23 0.00 | 16.44 0.27 0.00 | 17.12 0.28 0.00 | 19.49 0.33 0.02 | 21.98 0.42 0.00 | 24.75 0.47 0.00 | 24.36 0.45 0.00 | 29.89 0.47 0.00 | 30.11 0.45 0.00 | 27.66 0.43 0.00 | 25.33 0.22 0.00 | 20.34 0.25 0.00 |
| ALBANY___LFGE 323615 | 26.41 0.85 0.00 | 25.55 0.81 0.00 | 21.68 0.67 0.00 | 19.25 0.58 0.00 | 17.39 0.56 0.00 | 13.83 0.43 0.00 | 16.94 0.40 0.00 | 16.30 0.34 0.00 | 15.41 0.34 0.00 | 14.27 0.34 0.00 | 14.46 0.35 0.00 | 15.68 0.36 0.00 | 16.29 0.39 0.00 | 16.61 0.43 0.00 | 17.29 0.46 0.00 | 19.70 0.54 0.03 | 22.23 0.68 0.00 | 25.04 0.77 0.00 | 24.65 0.74 0.00 | 30.24 0.82 0.00 | 30.45 0.78 0.00 | 27.96 0.73 0.00 | 25.61 0.49 0.00 | 20.55 0.46 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 25.64 0.08 0.00 | 24.84 0.10 0.00 | 21.12 0.11 0.00 | 18.76 0.10 0.00 | 16.88 0.05 0.00 | 13.44 0.04 0.00 | 16.70 0.16 0.00 | 16.10 0.13 0.00 | 15.15 0.08 0.00 | 13.95 0.02 0.00 | 14.16 0.04 0.00 | 15.40 0.08 0.00 | 15.96 0.06 0.00 | 16.19 0.02 0.00 | 16.83 -0.01 0.00 | 19.15 -0.04 0.00 | 21.53 -0.02 0.00 | 24.23 -0.05 0.00 | 23.87 -0.04 0.00 | 29.43 0.02 0.00 | 29.73 0.07 0.00 | 27.32 0.09 0.00 | 25.29 0.17 0.00 | 20.06 -0.03 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 25.64 0.08 0.00 | 24.84 0.10 0.00 | 21.12 0.11 0.00 | 18.76 0.10 0.00 | 16.88 0.05 0.00 | 13.44 0.04 0.00 | 16.70 0.16 0.00 | 16.10 0.13 0.00 | 15.15 0.08 0.00 | 13.95 0.02 0.00 | 14.16 0.04 0.00 | 15.40 0.08 0.00 | 15.96 0.06 0.00 | 16.19 0.02 0.00 | 16.83 -0.01 0.00 | 19.15 -0.04 0.00 | 21.53 -0.02 0.00 | 24.23 -0.05 0.00 | 23.87 -0.04 0.00 | 29.43 0.02 0.00 | 29.73 0.07 0.00 | 27.32 0.09 0.00 | 25.29 0.17 0.00 | 20.06 -0.03 0.00 |
| ALCOA___DSASP 323711 | 25.64 0.08 0.00 | 24.84 0.10 0.00 | 21.12 0.11 0.00 | 18.76 0.10 0.00 | 16.88 0.05 0.00 | 13.44 0.04 0.00 | 16.70 0.16 0.00 | 16.10 0.13 0.00 | 15.15 0.08 0.00 | 13.95 0.02 0.00 | 14.16 0.04 0.00 | 15.40 0.08 0.00 | 15.96 0.06 0.00 | 16.19 0.02 0.00 | 16.83 -0.01 0.00 | 19.15 -0.04 0.00 | 21.53 -0.02 0.00 | 24.23 -0.05 0.00 | 23.87 -0.04 0.00 | 29.43 0.02 0.00 | 29.73 0.07 0.00 | 27.32 0.09 0.00 | 25.29 0.17 0.00 | 20.06 -0.03 0.00 |
| ALLEGHENY___COGEN 23514 | 26.24 0.67 0.00 | 25.32 0.57 0.00 | 21.43 0.43 0.00 | 18.96 0.29 0.00 | 16.95 0.13 0.00 | 13.51 0.11 0.00 | 16.68 0.14 0.00 | 16.13 0.16 0.00 | 15.22 0.15 0.00 | 14.07 0.14 0.00 | 14.21 0.09 0.00 | 15.43 0.11 0.00 | 16.03 0.13 0.00 | 16.26 0.09 0.00 | 16.94 0.10 0.00 | 19.35 0.17 0.00 | 21.66 0.10 0.00 | 24.43 0.15 0.00 | 24.41 0.50 0.00 | 30.16 0.75 0.00 | 30.83 1.17 0.00 | 28.37 1.14 0.00 | 26.51 1.39 0.00 | 21.29 1.20 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 26.51 0.94 0.00 | 25.66 0.91 0.00 | 21.76 0.76 0.00 | 19.34 0.67 0.00 | 17.45 0.62 0.00 | 13.87 0.47 0.00 | 17.02 0.48 0.00 | 16.40 0.43 0.00 | 15.48 0.42 0.00 | 14.33 0.40 0.00 | 14.51 0.39 0.00 | 15.73 0.42 0.00 | 16.35 0.45 0.00 | 16.66 0.49 0.00 | 17.36 0.52 0.00 | 19.77 0.61 0.02 | 22.28 0.72 0.00 | 25.09 0.82 0.00 | 24.69 0.78 0.00 | 30.31 0.90 0.00 | 30.55 0.89 0.00 | 28.05 0.82 0.00 | 25.73 0.61 0.00 | 20.64 0.55 0.00 |
| ALTONA_WT_PWR 323606 | 25.65 0.08 0.00 | 24.84 0.09 0.00 | 21.19 0.19 0.00 | 18.81 0.15 0.00 | 16.91 0.09 0.00 | 13.44 0.05 0.00 | 16.72 0.18 0.00 | 16.15 0.19 0.00 | 15.22 0.15 0.00 | 13.99 0.06 0.00 | 14.23 0.12 0.00 | 15.45 0.13 0.00 | 15.96 0.06 0.00 | 16.18 0.01 0.00 | 16.79 -0.04 0.00 | 19.14 -0.04 0.00 | 21.51 -0.04 0.00 | 24.32 0.04 0.00 | 24.00 0.09 0.00 | 29.63 0.21 0.00 | 29.83 0.16 0.00 | 27.36 0.13 0.00 | 25.65 0.53 0.00 | 20.08 -0.01 0.00 |
| AMERICAN_REF_FUEL 24010 | 24.49 -1.07 0.00 | 23.74 -1.00 0.00 | 20.12 -0.88 0.00 | 17.88 -0.79 0.00 | 16.00 -0.82 0.00 | 12.73 -0.67 0.00 | 15.72 -0.81 0.00 | 15.29 -0.68 0.00 | 14.71 -0.36 0.00 | 13.57 -0.35 0.00 | 13.74 -0.37 0.00 | 14.90 -0.43 0.00 | 15.44 -0.46 0.00 | 15.54 -0.63 0.00 | 16.20 -0.64 0.00 | 18.45 -0.73 0.00 | 20.55 -1.01 0.00 | 23.00 -1.27 0.00 | 22.54 -1.37 0.00 | 27.85 -1.56 0.00 | 28.30 -1.36 0.00 | 26.10 -1.13 0.00 | 24.84 -0.28 0.00 | 20.21 0.12 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 25.50 -0.06 0.00 | 24.63 -0.12 0.00 | 20.84 -0.16 0.00 | 18.45 -0.21 0.00 | 16.54 -0.28 0.00 | 13.17 -0.24 0.00 | 16.24 -0.30 0.00 | 15.88 -0.09 0.00 | 15.32 0.25 0.00 | 14.19 0.27 0.00 | 14.36 0.25 0.00 | 15.58 0.26 0.00 | 16.18 0.27 0.00 | 16.37 0.19 0.00 | 17.09 0.25 0.00 | 19.55 0.37 0.00 | 21.72 0.17 0.00 | 24.37 0.10 0.00 | 23.69 -0.22 0.00 | 29.18 -0.23 0.00 | 29.57 -0.09 0.00 | 26.95 -0.28 0.00 | 25.53 0.41 0.00 | 20.69 0.60 0.00 |
| ARTHUR_KILL_GT_1 23520 | 27.73 2.14 -0.02 | 26.70 1.95 0.00 | 22.55 1.55 0.00 | 20.00 1.33 0.00 | 18.03 1.20 0.00 | 14.29 0.90 0.00 | 17.46 0.93 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.16 1.04 0.00 | 16.44 1.11 0.00 | 17.15 1.25 0.00 | 17.57 1.40 0.00 | 18.38 1.54 0.00 | 21.03 1.83 -0.03 | 23.58 2.03 0.00 | 26.42 2.15 0.00 | 25.77 1.85 -0.02 | 31.42 2.01 0.00 | 31.27 1.94 0.33 | 29.10 1.87 0.00 | 26.70 1.58 0.00 | 21.38 1.29 0.00 |
| ARTHUR_KILL_2 23512 | 27.64 2.05 -0.02 | 26.60 1.86 0.00 | 22.48 1.48 0.00 | 19.94 1.28 0.00 | 17.97 1.15 0.00 | 14.26 0.86 0.00 | 17.42 0.88 0.00 | 16.87 0.91 0.00 | 16.08 1.01 0.00 | 14.90 0.98 0.00 | 15.11 1.00 0.00 | 16.39 1.07 0.00 | 17.10 1.20 0.00 | 17.52 1.35 0.00 | 18.32 1.49 0.00 | 20.97 1.76 -0.03 | 23.50 1.95 0.00 | 26.33 2.05 0.00 | 25.68 1.76 -0.02 | 31.32 1.91 0.00 | 31.16 1.83 0.33 | 29.00 1.77 0.00 | 26.61 1.49 0.00 | 21.31 1.22 0.00 |
| ARTHUR_KILL_3 23513 | 27.60 2.02 -0.02 | 26.56 1.81 0.00 | 22.39 1.39 0.00 | 19.88 1.21 0.00 | 17.92 1.09 0.00 | 14.23 0.83 0.00 | 17.42 0.88 0.00 | 16.88 0.92 0.00 | 16.11 1.04 0.00 | 14.95 1.02 0.00 | 15.16 1.05 0.00 | 16.44 1.12 0.00 | 17.14 1.24 0.00 | 17.55 1.37 0.00 | 18.29 1.46 0.00 | 20.93 1.72 -0.03 | 23.44 1.89 0.00 | 26.28 2.00 0.00 | 25.60 1.68 -0.01 | 31.30 1.88 0.00 | 31.49 1.82 0.00 | 28.92 1.70 0.00 | 26.52 1.40 0.00 | 21.24 1.15 0.00 |
| ARTHUR_KILL_COGEN 323718 | 27.73 2.14 -0.02 | 26.70 1.95 0.00 | 22.55 1.55 0.00 | 20.00 1.33 0.00 | 18.03 1.20 0.00 | 14.29 0.90 0.00 | 17.46 0.93 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.16 1.04 0.00 | 16.44 1.11 0.00 | 17.15 1.25 0.00 | 17.57 1.40 0.00 | 18.38 1.54 0.00 | 21.03 1.83 -0.03 | 23.58 2.03 0.00 | 26.42 2.15 0.00 | 25.77 1.85 -0.02 | 31.42 2.01 0.00 | 31.27 1.94 0.33 | 29.10 1.87 0.00 | 26.70 1.58 0.00 | 21.38 1.29 0.00 |
| ASHOKAN____ 23654 | 27.04 1.48 0.00 | 26.09 1.35 0.00 | 22.08 1.08 0.00 | 19.60 0.94 0.00 | 17.67 0.85 0.00 | 14.04 0.64 0.00 | 17.21 0.67 0.00 | 16.60 0.64 0.00 | 15.68 0.61 0.00 | 14.44 0.51 0.00 | 14.67 0.55 0.00 | 15.93 0.61 0.00 | 16.54 0.63 0.00 | 16.87 0.70 0.00 | 17.59 0.76 0.00 | 20.13 0.94 0.00 | 22.68 1.12 0.00 | 25.65 1.38 0.00 | 25.21 1.31 0.00 | 30.98 1.57 0.00 | 31.24 1.57 0.00 | 28.65 1.43 0.00 | 26.17 1.06 0.00 | 20.93 0.84 0.00 |

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|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ASTORIA_EAST_ENERGY_CC1 323581 | 27.75 2.19 0.00 | 26.67 1.92 0.00 | 22.47 1.47 0.00 | 19.92 1.26 0.00 | 18.00 1.17 0.00 | 14.24 0.84 0.00 | 17.44 0.90 0.00 | 16.91 0.94 0.00 | 16.11 1.04 0.00 | 14.93 1.00 0.00 | 15.12 1.01 0.00 | 16.39 1.07 0.00 | 17.10 1.20 0.00 | 17.53 1.35 0.00 | 18.28 1.45 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.35 2.08 0.00 | 25.71 1.80 0.00 | 31.42 2.01 0.00 | 31.60 1.94 0.00 | 29.04 1.82 0.00 | 26.63 1.51 0.00 | 21.35 1.26 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 27.75 2.19 0.00 | 26.67 1.92 0.00 | 22.47 1.47 0.00 | 19.92 1.26 0.00 | 18.00 1.17 0.00 | 14.24 0.84 0.00 | 17.44 0.90 0.00 | 16.91 0.94 0.00 | 16.11 1.04 0.00 | 14.93 1.00 0.00 | 15.12 1.01 0.00 | 16.39 1.07 0.00 | 17.10 1.20 0.00 | 17.53 1.35 0.00 | 18.28 1.45 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.35 2.08 0.00 | 25.71 1.80 0.00 | 31.42 2.01 0.00 | 31.60 1.94 0.00 | 29.04 1.82 0.00 | 26.63 1.51 0.00 | 21.35 1.26 0.00 |
| ASTORIA_GT2_1 24094 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT2_2 24095 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT2_3 24096 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT2_4 24097 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT3_1 24098 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT3_2 24099 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT3_3 24100 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT3_4 24101 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT4_1 24102 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT4_2 24103 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT4_3 24104 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT4_4 24105 | 27.77 2.21 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.18 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.13 1.02 0.00 | 16.40 1.07 0.00 | 17.12 1.21 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.97 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA_GT_1 23523 | 27.83 2.26 0.00 | 26.74 1.99 0.00 | 22.53 1.52 0.00 | 19.97 1.31 0.00 | 18.04 1.21 0.00 | 14.28 0.88 0.00 | 17.48 0.94 0.00 | 16.95 0.98 0.00 | 16.15 1.09 0.00 | 14.97 1.04 0.00 | 15.16 1.04 0.00 | 16.43 1.11 0.00 | 17.14 1.24 0.00 | 17.57 1.39 0.00 | 18.33 1.50 0.00 | 21.04 1.84 -0.03 | 23.58 2.02 0.00 | 26.43 2.15 0.00 | 25.77 1.86 0.00 | 31.50 2.09 0.00 | 31.69 2.02 0.00 | 29.12 1.89 0.00 | 26.70 1.58 0.00 | 21.40 1.31 0.00 |

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| ASTORIA_GT_10 24110 | 27.76 2.20 0.00 | 26.71 1.97 0.00 | 22.53 1.53 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.02 0.00 | 16.19 1.12 0.00 | 15.01 1.08 0.00 | 15.21 1.10 0.00 | 16.49 1.17 0.00 | 17.18 1.28 0.00 | 17.59 1.42 0.00 | 18.37 1.54 0.00 | 21.01 1.81 -0.03 | 23.54 1.99 0.00 | 26.38 2.10 0.00 | 25.68 1.77 0.00 | 31.43 2.02 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| ASTORIA_GT_11 24225 | 27.76 2.20 0.00 | 26.71 1.97 0.00 | 22.53 1.53 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.02 0.00 | 16.19 1.12 0.00 | 15.01 1.08 0.00 | 15.21 1.10 0.00 | 16.49 1.17 0.00 | 17.18 1.28 0.00 | 17.59 1.42 0.00 | 18.37 1.54 0.00 | 21.01 1.81 -0.03 | 23.54 1.99 0.00 | 26.38 2.10 0.00 | 25.68 1.77 0.00 | 31.43 2.02 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| ASTORIA_GT_12 24226 | 27.76 2.20 0.00 | 26.71 1.97 0.00 | 22.53 1.53 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.02 0.00 | 16.19 1.12 0.00 | 15.01 1.08 0.00 | 15.21 1.10 0.00 | 16.49 1.17 0.00 | 17.18 1.28 0.00 | 17.59 1.42 0.00 | 18.37 1.54 0.00 | 21.01 1.81 -0.03 | 23.54 1.99 0.00 | 26.38 2.10 0.00 | 25.68 1.77 0.00 | 31.43 2.02 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| ASTORIA_GT_13 24227 | 27.76 2.20 0.00 | 26.71 1.97 0.00 | 22.53 1.53 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.02 0.00 | 16.19 1.12 0.00 | 15.01 1.08 0.00 | 15.21 1.10 0.00 | 16.49 1.17 0.00 | 17.18 1.28 0.00 | 17.59 1.42 0.00 | 18.37 1.54 0.00 | 21.01 1.81 -0.03 | 23.54 1.99 0.00 | 26.38 2.10 0.00 | 25.68 1.77 0.00 | 31.43 2.02 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| ASTORIA_GT_5 24106 | 27.83 2.26 0.00 | 26.74 1.99 0.00 | 22.53 1.52 0.00 | 19.97 1.31 0.00 | 18.04 1.21 0.00 | 14.28 0.88 0.00 | 17.48 0.94 0.00 | 16.95 0.98 0.00 | 16.15 1.09 0.00 | 14.97 1.04 0.00 | 15.16 1.04 0.00 | 16.43 1.11 0.00 | 17.14 1.24 0.00 | 17.57 1.39 0.00 | 18.33 1.50 0.00 | 21.04 1.84 -0.03 | 23.58 2.02 0.00 | 26.43 2.15 0.00 | 25.77 1.86 0.00 | 31.50 2.09 0.00 | 31.69 2.02 0.00 | 29.12 1.89 0.00 | 26.70 1.58 0.00 | 21.40 1.31 0.00 |
| ASTORIA_GT_7 24107 | 27.83 2.26 0.00 | 26.74 1.99 0.00 | 22.53 1.52 0.00 | 19.97 1.31 0.00 | 18.04 1.21 0.00 | 14.28 0.88 0.00 | 17.48 0.94 0.00 | 16.95 0.98 0.00 | 16.15 1.09 0.00 | 14.97 1.04 0.00 | 15.16 1.04 0.00 | 16.43 1.11 0.00 | 17.14 1.24 0.00 | 17.57 1.39 0.00 | 18.33 1.50 0.00 | 21.04 1.84 -0.03 | 23.58 2.02 0.00 | 26.43 2.15 0.00 | 25.77 1.86 0.00 | 31.50 2.09 0.00 | 31.69 2.02 0.00 | 29.12 1.89 0.00 | 26.70 1.58 0.00 | 21.40 1.31 0.00 |
| ASTORIA_GT_8 24108 | 27.83 2.26 0.00 | 26.74 1.99 0.00 | 22.53 1.52 0.00 | 19.98 1.31 0.00 | 18.03 1.21 0.00 | 14.28 0.88 0.00 | 17.48 0.94 0.00 | 16.95 0.98 0.00 | 16.16 1.09 0.00 | 14.97 1.05 0.00 | 15.16 1.04 0.00 | 16.43 1.10 0.00 | 17.15 1.25 0.00 | 17.57 1.39 0.00 | 18.33 1.50 0.00 | 21.04 1.84 -0.03 | 23.57 2.02 0.00 | 26.43 2.15 0.00 | 25.77 1.86 0.00 | 31.50 2.09 0.00 | 31.69 2.02 0.00 | 29.12 1.89 0.00 | 26.70 1.58 0.00 | 21.40 1.32 0.00 |
| ASTORIA___2 24149 | 27.77 2.20 0.00 | 26.68 1.94 0.00 | 22.48 1.48 0.00 | 19.94 1.27 0.00 | 18.00 1.17 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.92 0.95 0.00 | 16.12 1.06 0.00 | 14.94 1.01 0.00 | 15.13 1.02 0.00 | 16.40 1.08 0.00 | 17.11 1.20 0.00 | 17.53 1.36 0.00 | 18.29 1.46 0.00 | 21.00 1.79 -0.03 | 23.53 1.98 0.00 | 26.37 2.09 0.00 | 25.72 1.81 0.00 | 31.43 2.02 0.00 | 31.62 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| ASTORIA___3 23516 | 27.76 2.19 0.00 | 26.71 1.97 0.00 | 22.53 1.53 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.02 0.00 | 16.19 1.12 0.00 | 15.00 1.08 0.00 | 15.21 1.10 0.00 | 16.49 1.17 0.00 | 17.18 1.27 0.00 | 17.59 1.42 0.00 | 18.37 1.54 0.00 | 21.02 1.81 -0.03 | 23.54 1.99 0.00 | 26.37 2.10 0.00 | 25.68 1.78 0.00 | 31.44 2.03 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| ASTORIA___4 23517 | 27.76 2.20 0.00 | 26.71 1.97 0.00 | 22.53 1.53 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.02 0.00 | 16.19 1.12 0.00 | 15.01 1.08 0.00 | 15.21 1.10 0.00 | 16.49 1.17 0.00 | 17.18 1.28 0.00 | 17.59 1.42 0.00 | 18.37 1.54 0.00 | 21.01 1.81 -0.03 | 23.54 1.99 0.00 | 26.38 2.10 0.00 | 25.68 1.77 0.00 | 31.43 2.02 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| ASTORIA___5 23518 | 27.76 2.19 0.00 | 26.71 1.97 0.00 | 22.53 1.53 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.02 0.00 | 16.19 1.12 0.00 | 15.00 1.08 0.00 | 15.21 1.10 0.00 | 16.49 1.17 0.00 | 17.18 1.27 0.00 | 17.59 1.42 0.00 | 18.37 1.54 0.00 | 21.02 1.81 -0.03 | 23.54 1.99 0.00 | 26.37 2.10 0.00 | 25.68 1.78 0.00 | 31.44 2.03 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| AST_ENERGY_2_CC3 323677 | 27.64 2.07 0.00 | 26.62 1.87 0.00 | 22.45 1.45 0.00 | 19.94 1.27 0.00 | 17.98 1.16 0.00 | 14.26 0.86 0.00 | 17.46 0.92 0.00 | 16.92 0.95 0.00 | 16.14 1.07 0.00 | 14.95 1.03 0.00 | 15.16 1.05 0.00 | 16.45 1.13 0.00 | 17.14 1.24 0.00 | 17.55 1.38 0.00 | 18.32 1.48 0.00 | 20.95 1.74 -0.03 | 23.47 1.92 0.00 | 26.31 2.03 0.00 | 25.62 1.71 0.00 | 31.33 1.92 0.00 | 31.55 1.88 0.00 | 28.99 1.77 0.00 | 26.59 1.47 0.00 | 21.29 1.20 0.00 |
| AST_ENERGY_2_CC4 323678 | 27.64 2.07 0.00 | 26.62 1.87 0.00 | 22.45 1.45 0.00 | 19.94 1.27 0.00 | 17.98 1.16 0.00 | 14.26 0.86 0.00 | 17.46 0.92 0.00 | 16.92 0.95 0.00 | 16.14 1.07 0.00 | 14.95 1.03 0.00 | 15.16 1.05 0.00 | 16.45 1.13 0.00 | 17.14 1.24 0.00 | 17.55 1.38 0.00 | 18.32 1.48 0.00 | 20.95 1.74 -0.03 | 23.47 1.92 0.00 | 26.31 2.03 0.00 | 25.62 1.71 0.00 | 31.33 1.92 0.00 | 31.55 1.88 0.00 | 28.99 1.77 0.00 | 26.59 1.47 0.00 | 21.29 1.20 0.00 |
| ATHENS_STG_1 23668 | 26.75 1.19 0.00 | 25.88 1.13 0.00 | 21.93 0.92 0.00 | 19.49 0.83 0.00 | 17.58 0.75 0.00 | 13.97 0.57 0.00 | 17.13 0.59 0.00 | 16.53 0.56 0.00 | 15.63 0.56 0.00 | 14.47 0.54 0.00 | 14.66 0.55 0.00 | 15.91 0.59 0.00 | 16.54 0.64 0.00 | 16.89 0.71 0.00 | 17.60 0.76 0.00 | 20.09 0.90 -0.01 | 22.57 1.02 0.00 | 25.38 1.11 0.00 | 24.90 0.99 0.00 | 30.53 1.11 0.00 | 30.76 1.09 0.00 | 28.25 1.02 0.00 | 25.91 0.80 0.00 | 20.78 0.69 0.00 |
| ATHENS_STG_2 23670 | 26.75 1.19 0.00 | 25.88 1.13 0.00 | 21.93 0.92 0.00 | 19.49 0.83 0.00 | 17.58 0.75 0.00 | 13.97 0.57 0.00 | 17.13 0.59 0.00 | 16.53 0.56 0.00 | 15.63 0.56 0.00 | 14.47 0.54 0.00 | 14.66 0.55 0.00 | 15.91 0.59 0.00 | 16.54 0.64 0.00 | 16.89 0.71 0.00 | 17.60 0.76 0.00 | 20.09 0.90 -0.01 | 22.57 1.02 0.00 | 25.38 1.11 0.00 | 24.90 0.99 0.00 | 30.53 1.11 0.00 | 30.76 1.09 0.00 | 28.25 1.02 0.00 | 25.91 0.80 0.00 | 20.78 0.69 0.00 |

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|--------------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-----------------------|
| ATHENS_STG_3 23677 | 26.75 1.19 0.00 | 25.88 1.13 0.00 | 21.93 0.92 0.00 | 19.49 0.83 0.00 | 17.58 0.75 0.00 | 13.97 0.57 0.00 | 17.13 0.59 0.00 | 16.53 0.56 0.00 | 15.63 0.56 0.00 | 14.47 0.54 0.00 | 14.66 0.55 0.00 | 15.91 0.59 0.00 | 16.54 0.64 0.00 | 16.89 0.71 0.00 | 17.60 0.76 0.00 | 20.09 0.90 -0.01 | 22.57 1.02 0.00 | 25.38 1.11 0.00 | 24.90 0.99 0.00 | 30.53 1.11 0.00 | 30.76 1.09 0.00 | 28.25 1.02 0.00 | 25.91 0.80 0.00 | 20.78 0.69 0.00 |
| AUBURN___LFGE 323710 | 25.66 0.10 0.00 | 24.84 0.10 0.00 | 21.06 0.06 0.00 | 18.72 0.05 0.00 | 16.80 -0.03 0.00 | 13.43 0.03 0.00 | 16.55 0.01 0.00 | 16.02 0.05 0.00 | 15.20 0.13 0.00 | 13.99 0.06 0.00 | 14.22 0.11 0.00 | 15.45 0.13 0.00 | 15.95 0.04 0.00 | 16.21 0.03 0.00 | 16.89 0.05 0.00 | 19.34 0.15 0.00 | 21.70 0.14 0.00 | 24.54 0.26 0.00 | 24.08 0.17 0.00 | 29.63 0.22 0.00 | 29.97 0.31 0.00 | 27.51 0.28 0.00 | 25.44 0.32 0.00 | 20.38 0.29 0.00 |
| BABYLON_RES_REC 323704 | 117.45 2.80 -89.09 | 79.76 2.61 -52.40 | 31.29 1.85 -8.44 | 20.41 1.75 0.00 | 18.38 1.55 0.00 | 14.62 1.22 0.00 | 17.85 1.31 0.00 | 17.37 1.40 0.00 | 16.55 1.48 0.00 | 15.19 1.27 0.00 | 15.24 1.13 0.00 | 16.57 1.25 0.00 | 17.23 1.33 0.00 | 17.75 1.57 0.00 | 18.61 1.77 0.00 | 21.32 2.12 -0.03 | 23.73 2.18 0.00 | 26.80 2.52 0.00 | 26.13 2.23 0.00 | 31.97 2.56 0.00 | 34.32 2.68 -1.98 | 46.12 2.53 -16.36 | 27.26 2.14 0.00 | 21.79 1.70 0.00 |
| BABYLON__69_KV_BK2 356345 | 117.81 3.15 -89.09 | 80.10 2.95 -52.40 | 31.55 2.10 -8.44 | 20.66 1.99 0.00 | 18.59 1.76 0.00 | 14.79 1.39 0.00 | 18.06 1.52 0.00 | 17.59 1.62 0.00 | 16.77 1.70 0.00 | 15.38 1.46 0.00 | 15.42 1.30 0.00 | 16.77 1.45 0.00 | 17.43 1.53 0.00 | 17.97 1.80 0.00 | 18.85 2.02 0.00 | 21.62 2.41 -0.03 | 24.06 2.50 0.00 | 27.20 2.92 0.00 | 26.50 2.58 0.00 | 32.41 3.00 0.00 | 34.76 3.11 -1.98 | 46.48 2.89 -16.36 | 27.59 2.47 0.00 | 22.04 1.96 0.00 |
| BARON_WINDS___WT_PWR 323822 | 25.48 -0.08 0.00 | 24.61 -0.13 0.00 | 20.83 -0.17 0.00 | 18.38 -0.28 0.00 | 16.39 -0.44 0.00 | 13.07 -0.33 0.00 | 16.16 -0.38 0.00 | 15.80 -0.17 0.00 | 15.16 0.09 0.00 | 14.01 0.09 0.00 | 14.12 0.01 0.00 | 15.34 0.02 0.00 | 15.95 0.04 0.00 | 16.20 0.03 0.00 | 16.86 0.02 0.00 | 19.32 0.14 0.00 | 21.56 0.01 0.00 | 24.32 0.04 0.00 | 23.80 -0.11 0.00 | 29.31 -0.10 0.00 | 29.69 0.03 0.00 | 27.16 -0.07 0.00 | 25.40 0.28 0.00 | 20.44 0.35 0.00 |
| BARRETT_IC_1 23704 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_10 23701 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_11 23702 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_12 23703 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_2 23705 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_3 23706 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_4 23707 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_5 23708 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_6 23709 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_7 23710 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.23 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.17 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.41 1.86 0.00 | 26.41 2.13 0.00 | 25.71 1.80 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.59 1.50 0.00 |

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|------------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-------------------------|-----------------------|-----------------------|
| BARRETT_IC_8 23711 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT_IC_9 23700 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT___1 23545 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BARRETT___2 23546 | 116.87 2.21 -89.09 | 79.18 2.03 -52.40 | 30.97 1.53 -8.44 | 20.22 1.55 0.00 | 18.24 1.40 0.00 | 14.48 1.08 0.00 | 17.70 1.16 0.00 | 17.20 1.23 0.00 | 16.38 1.31 0.00 | 15.05 1.13 0.00 | 15.09 0.98 0.00 | 16.39 1.07 0.00 | 17.05 1.15 0.00 | 17.53 1.36 0.00 | 18.36 1.53 0.00 | 21.01 1.80 -0.03 | 23.42 1.86 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.45 2.04 0.00 | 33.75 2.10 -1.98 | 45.69 2.10 -16.36 | 26.97 1.85 0.00 | 21.58 1.49 0.00 |
| BATAVIA___115KV_TB1 55881 | 25.48 -0.08 0.00 | 24.67 -0.08 0.00 | 20.89 -0.11 0.00 | 18.55 -0.12 0.00 | 16.62 -0.20 0.00 | 13.23 -0.17 0.00 | 16.33 -0.21 0.00 | 15.86 -0.11 0.00 | 15.20 0.13 0.00 | 13.96 0.04 0.00 | 14.22 0.11 0.00 | 15.36 0.04 0.00 | 15.96 0.05 0.00 | 16.11 -0.06 0.00 | 16.81 -0.02 0.00 | 19.15 -0.04 0.00 | 21.45 -0.11 0.00 | 24.14 -0.13 0.00 | 23.81 -0.10 0.00 | 29.43 0.02 0.00 | 29.87 0.20 0.00 | 27.48 0.25 0.00 | 25.94 0.82 0.00 | 20.98 0.89 0.00 |
| BAYONEEC___CTG1 323682 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| BAYONEEC___CTG10 323750 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| BAYONEEC___CTG2 323683 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| BAYONEEC___CTG3 323684 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| BAYONEEC___CTG4 323685 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| BAYONEEC___CTG5 323686 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| BAYONEEC___CTG6 323687 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| BAYONEEC___CTG7 323688 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| BAYONEEC___CTG8 323689 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| BAYONEEC___CTG9 323749 | 27.67 2.11 0.00 | 26.65 1.91 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.27 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.51 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.34 2.07 0.00 | 25.66 1.75 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.04 1.81 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |

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|---|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|------------------------|
| BEACON___LESR 323632 | 26.55 0.98 0.00 | 25.67 0.93 0.00 | 21.75 0.75 0.00 | 19.30 0.64 0.00 | 17.43 0.60 0.00 | 13.85 0.45 0.00 | 17.00 0.46 0.00 | 16.38 0.41 0.00 | 15.47 0.40 0.00 | 14.35 0.42 0.00 | 14.51 0.39 0.00 | 15.75 0.43 0.00 | 16.34 0.44 0.00 | 16.68 0.51 0.00 | 17.37 0.53 0.00 | 19.80 0.64 0.03 | 22.35 0.80 0.00 | 25.20 0.92 0.00 | 24.76 0.85 0.00 | 30.37 0.96 0.00 | 30.61 0.94 0.00 | 28.05 0.82 0.00 | 25.71 0.60 0.00 | 20.62 0.53 0.00 |
| BEAVER RIVER___HYD 24048 | 26.06 0.50 0.00 | 25.15 0.41 0.00 | 21.34 0.34 0.00 | 18.98 0.31 0.00 | 17.04 0.22 0.00 | 13.67 0.27 0.00 | 16.84 0.30 0.00 | 16.23 0.26 0.00 | 15.30 0.23 0.00 | 14.04 0.12 0.00 | 14.15 0.03 0.00 | 15.42 0.09 0.00 | 16.00 0.10 0.00 | 16.17 0.00 0.00 | 16.85 0.01 0.00 | 19.12 -0.06 0.00 | 21.44 -0.11 0.00 | 24.23 -0.05 0.00 | 23.96 0.05 0.00 | 29.71 0.30 0.00 | 30.06 0.40 0.00 | 27.44 0.21 0.00 | 25.24 0.12 0.00 | 20.03 -0.06 0.00 |
| BEEBEE_GT_13 23619 | 25.26 -0.30 0.00 | 24.45 -0.29 0.00 | 20.73 -0.28 0.00 | 18.41 -0.26 0.00 | 16.53 -0.30 0.00 | 13.17 -0.24 0.00 | 16.23 -0.31 0.00 | 15.73 -0.23 0.00 | 15.03 -0.04 0.00 | 13.88 -0.04 0.00 | 14.09 -0.02 0.00 | 15.30 -0.03 0.00 | 15.88 -0.03 0.00 | 16.08 -0.09 0.00 | 16.77 -0.07 0.00 | 19.11 -0.07 0.00 | 21.40 -0.16 0.00 | 24.12 -0.16 0.00 | 23.71 -0.19 0.00 | 29.25 -0.16 0.00 | 29.58 -0.09 0.00 | 27.19 -0.04 0.00 | 25.45 0.33 0.00 | 20.51 0.42 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 28.12 2.52 -0.03 | 27.01 2.27 0.00 | 22.77 1.77 0.00 | 20.20 1.53 0.00 | 18.20 1.38 0.00 | 14.43 1.03 0.00 | 17.66 1.12 0.00 | 17.11 1.15 0.00 | 16.32 1.25 0.00 | 15.13 1.21 0.00 | 15.35 1.24 0.00 | 16.65 1.33 0.00 | 17.36 1.46 0.00 | 17.78 1.61 0.00 | 18.58 1.75 0.00 | 21.26 2.06 -0.03 | 23.83 2.27 0.00 | 26.70 2.43 0.00 | 26.03 2.11 -0.02 | 31.81 2.39 0.00 | 32.03 2.36 0.00 | 29.45 2.22 0.00 | 27.00 1.88 0.00 | 21.61 1.53 0.00 |
| BETHLEHEM___GRP 23843 | 26.15 0.59 0.00 | 25.31 0.56 0.00 | 21.47 0.47 0.00 | 19.07 0.40 0.00 | 17.23 0.40 0.00 | 13.70 0.30 0.00 | 16.79 0.25 0.00 | 16.15 0.19 0.00 | 15.26 0.19 0.00 | 14.14 0.22 0.00 | 14.32 0.21 0.00 | 15.53 0.20 0.00 | 16.13 0.23 0.00 | 16.44 0.27 0.00 | 17.12 0.28 0.00 | 19.49 0.33 0.02 | 21.98 0.42 0.00 | 24.75 0.47 0.00 | 24.36 0.45 0.00 | 29.89 0.47 0.00 | 30.11 0.45 0.00 | 27.66 0.43 0.00 | 25.33 0.22 0.00 | 20.34 0.25 0.00 |
| BETHLEHEM___GS1 323560 | 26.15 0.58 0.00 | 25.30 0.56 0.00 | 21.47 0.47 0.00 | 19.07 0.40 0.00 | 17.22 0.40 0.00 | 13.70 0.30 0.00 | 16.79 0.25 0.00 | 16.15 0.19 0.00 | 15.26 0.19 0.00 | 14.13 0.21 0.00 | 14.32 0.21 0.00 | 15.53 0.20 0.00 | 16.13 0.23 0.00 | 16.44 0.27 0.00 | 17.12 0.28 0.00 | 19.49 0.33 0.02 | 21.98 0.42 0.00 | 24.75 0.48 0.00 | 24.36 0.45 0.00 | 29.88 0.47 0.00 | 30.11 0.44 0.00 | 27.66 0.43 0.00 | 25.33 0.22 0.00 | 20.33 0.25 0.00 |
| BETHLEHEM___GS2 323561 | 26.15 0.58 0.00 | 25.30 0.56 0.00 | 21.47 0.47 0.00 | 19.07 0.40 0.00 | 17.22 0.40 0.00 | 13.70 0.30 0.00 | 16.79 0.25 0.00 | 16.15 0.19 0.00 | 15.26 0.19 0.00 | 14.13 0.21 0.00 | 14.32 0.21 0.00 | 15.53 0.20 0.00 | 16.13 0.23 0.00 | 16.44 0.27 0.00 | 17.12 0.28 0.00 | 19.49 0.33 0.02 | 21.98 0.42 0.00 | 24.75 0.48 0.00 | 24.36 0.45 0.00 | 29.88 0.47 0.00 | 30.11 0.44 0.00 | 27.66 0.43 0.00 | 25.33 0.22 0.00 | 20.33 0.25 0.00 |
| BETHLEHEM___GS3 323562 | 26.15 0.58 0.00 | 25.30 0.56 0.00 | 21.47 0.47 0.00 | 19.07 0.40 0.00 | 17.22 0.40 0.00 | 13.70 0.30 0.00 | 16.79 0.25 0.00 | 16.15 0.19 0.00 | 15.26 0.19 0.00 | 14.13 0.21 0.00 | 14.32 0.21 0.00 | 15.53 0.20 0.00 | 16.13 0.23 0.00 | 16.44 0.27 0.00 | 17.12 0.28 0.00 | 19.49 0.33 0.02 | 21.98 0.42 0.00 | 24.75 0.48 0.00 | 24.36 0.45 0.00 | 29.88 0.47 0.00 | 30.11 0.44 0.00 | 27.66 0.43 0.00 | 25.33 0.22 0.00 | 20.33 0.25 0.00 |
| BETHLEHEM___STEEL 23779 | 25.18 -0.39 0.00 | 24.37 -0.38 0.00 | 20.63 -0.37 0.00 | 18.31 -0.35 0.00 | 16.40 -0.43 0.00 | 13.05 -0.35 0.00 | 16.11 -0.43 0.00 | 15.70 -0.27 0.00 | 15.11 0.04 0.00 | 13.94 0.01 0.00 | 14.15 0.04 0.00 | 15.35 0.02 0.00 | 15.92 0.02 0.00 | 16.09 -0.09 0.00 | 16.77 -0.06 0.00 | 19.14 -0.04 0.00 | 21.31 -0.25 0.00 | 23.89 -0.38 0.00 | 23.37 -0.54 0.00 | 28.85 -0.57 0.00 | 29.25 -0.41 0.00 | 26.89 -0.34 0.00 | 25.47 0.35 0.00 | 20.64 0.55 0.00 |
| BETHLHEM_115KV_TB1 79974 | 26.23 0.67 0.00 | 25.39 0.64 0.00 | 21.53 0.53 0.00 | 19.13 0.46 0.00 | 17.28 0.45 0.00 | 13.74 0.34 0.00 | 16.84 0.30 0.00 | 16.21 0.24 0.00 | 15.31 0.24 0.00 | 14.18 0.26 0.00 | 14.36 0.25 0.00 | 15.58 0.25 0.00 | 16.18 0.28 0.00 | 16.49 0.32 0.00 | 17.17 0.34 0.00 | 19.56 0.40 0.02 | 22.05 0.50 0.00 | 24.83 0.56 0.00 | 24.43 0.52 0.00 | 29.97 0.56 0.00 | 30.20 0.54 0.00 | 27.74 0.51 0.00 | 25.42 0.30 0.00 | 20.40 0.31 0.00 |
| BETHPAGE_CC_5 323564 | 117.29 2.63 -89.09 | 79.61 2.45 -52.40 | 31.18 1.74 -8.44 | 20.31 1.65 0.00 | 18.29 1.46 0.00 | 14.54 1.14 0.00 | 17.77 1.23 0.00 | 17.28 1.31 0.00 | 16.47 1.40 0.00 | 15.14 1.22 0.00 | 15.23 1.11 0.00 | 16.56 1.24 0.00 | 17.23 1.32 0.00 | 17.73 1.56 0.00 | 18.59 1.75 0.00 | 21.27 2.06 -0.03 | 23.68 2.13 0.00 | 26.73 2.45 0.00 | 26.03 2.12 0.00 | 31.83 2.42 0.00 | 34.17 2.52 -1.98 | 45.99 2.40 -16.36 | 27.14 2.02 0.00 | 21.69 1.60 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 25.23 -0.33 0.00 | 24.42 -0.32 0.00 | 20.67 -0.33 0.00 | 18.35 -0.32 0.00 | 16.43 -0.40 0.00 | 13.08 -0.32 0.00 | 16.14 -0.39 0.00 | 15.73 -0.24 0.00 | 15.14 0.08 0.00 | 13.97 0.05 0.00 | 14.19 0.08 0.00 | 15.39 0.06 0.00 | 15.97 0.06 0.00 | 16.14 -0.04 0.00 | 16.83 -0.01 0.00 | 19.21 0.03 0.00 | 21.39 -0.16 0.00 | 23.99 -0.29 0.00 | 23.45 -0.46 0.00 | 28.94 -0.47 0.00 | 29.34 -0.32 0.00 | 26.96 -0.27 0.00 | 25.52 0.41 0.00 | 20.68 0.59 0.00 |
| BINGHAMTON___COGEN 23790 | 25.66 0.10 0.00 | 24.83 0.08 0.00 | 21.06 0.05 0.00 | 18.70 0.03 0.00 | 16.85 0.02 0.00 | 13.43 0.03 0.00 | 16.53 -0.01 0.00 | 16.02 0.05 0.00 | 15.20 0.14 0.00 | 14.07 0.15 0.00 | 14.26 0.14 0.00 | 15.47 0.14 0.00 | 16.06 0.15 0.00 | 16.35 0.17 0.00 | 17.03 0.19 0.00 | 19.48 0.30 0.00 | 21.81 0.25 0.00 | 24.55 0.28 0.00 | 24.09 0.18 0.00 | 29.60 0.19 0.00 | 29.88 0.21 0.00 | 27.34 0.11 0.00 | 25.35 0.23 0.00 | 20.33 0.24 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 25.46 -0.10 0.00 | 24.62 -0.13 0.00 | 20.74 -0.26 0.00 | 18.40 -0.27 0.00 | 16.48 -0.35 0.00 | 13.12 -0.28 0.00 | 16.21 -0.33 0.00 | 15.89 -0.07 0.00 | 15.32 0.25 0.00 | 14.15 0.23 0.00 | 14.35 0.24 0.00 | 15.50 0.18 0.00 | 16.10 0.19 0.00 | 16.30 0.13 0.00 | 16.98 0.15 0.00 | 19.42 0.24 0.00 | 21.61 0.06 0.00 | 24.27 -0.01 0.00 | 23.67 -0.23 0.00 | 29.19 -0.23 0.00 | 29.55 -0.12 0.00 | 27.07 -0.16 0.00 | 25.52 0.41 0.00 | 20.54 0.45 0.00 |
| BLACK RIVER___HYD 24047 | 26.19 0.62 0.00 | 25.26 0.51 0.00 | 21.42 0.42 0.00 | 19.04 0.38 0.00 | 17.11 0.29 0.00 | 13.75 0.35 0.00 | 16.92 0.38 0.00 | 16.31 0.34 0.00 | 15.33 0.26 0.00 | 14.04 0.12 0.00 | 14.13 0.02 0.00 | 15.38 0.06 0.00 | 15.96 0.06 0.00 | 16.13 -0.04 0.00 | 16.85 0.01 0.00 | 19.06 -0.13 0.00 | 21.34 -0.21 0.00 | 24.18 -0.10 0.00 | 23.93 0.02 0.00 | 29.78 0.37 0.00 | 30.24 0.58 0.00 | 27.59 0.37 0.00 | 25.36 0.24 0.00 | 20.13 0.04 0.00 |

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|------------------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| BLACKRVR_115KV_TB2 79977 | 26.19 0.63 0.00 | 25.26 0.51 0.00 | 21.42 0.42 0.00 | 19.04 0.38 0.00 | 17.11 0.29 0.00 | 13.75 0.35 0.00 | 16.92 0.38 0.00 | 16.31 0.34 0.00 | 15.33 0.26 0.00 | 14.04 0.12 0.00 | 14.13 0.02 0.00 | 15.38 0.06 0.00 | 15.96 0.05 0.00 | 16.13 -0.04 0.00 | 16.85 0.01 0.00 | 19.06 -0.13 0.00 | 21.34 -0.21 0.00 | 24.18 -0.10 0.00 | 23.93 0.02 0.00 | 29.78 0.37 0.00 | 30.24 0.58 0.00 | 27.59 0.37 0.00 | 25.36 0.24 0.00 | 20.13 0.04 0.00 |
| BLISS_WT_PWR 323608 | 25.46 -0.10 0.00 | 24.61 -0.13 0.00 | 20.71 -0.29 0.00 | 18.36 -0.30 0.00 | 16.45 -0.38 0.00 | 13.10 -0.30 0.00 | 16.18 -0.36 0.00 | 15.88 -0.08 0.00 | 15.33 0.26 0.00 | 14.19 0.26 0.00 | 14.34 0.23 0.00 | 15.49 0.16 0.00 | 16.09 0.19 0.00 | 16.29 0.12 0.00 | 16.98 0.14 0.00 | 19.42 0.24 0.00 | 21.61 0.05 0.00 | 24.27 -0.01 0.00 | 23.66 -0.25 0.00 | 29.19 -0.22 0.00 | 29.55 -0.12 0.00 | 27.05 -0.18 0.00 | 25.50 0.38 0.00 | 20.48 0.39 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 26.55 0.98 0.00 | 25.69 0.95 0.00 | 21.82 0.81 0.00 | 19.38 0.72 0.00 | 17.50 0.67 0.00 | 13.92 0.52 0.00 | 17.07 0.53 0.00 | 16.43 0.46 0.00 | 15.50 0.43 0.00 | 14.33 0.40 0.00 | 14.51 0.40 0.00 | 15.74 0.42 0.00 | 16.35 0.45 0.00 | 16.66 0.48 0.00 | 17.34 0.51 0.00 | 19.74 0.58 0.02 | 22.26 0.70 0.00 | 25.07 0.79 0.00 | 24.69 0.78 0.00 | 30.31 0.90 0.00 | 30.56 0.89 0.00 | 28.08 0.85 0.00 | 25.75 0.63 0.00 | 20.65 0.56 0.00 |
| BOC_GAS_DRP 24189 | 26.42 0.86 0.00 | 25.57 0.82 0.00 | 21.70 0.69 0.00 | 19.28 0.62 0.00 | 17.40 0.57 0.00 | 13.83 0.43 0.00 | 16.97 0.43 0.00 | 16.35 0.38 0.00 | 15.44 0.37 0.00 | 14.29 0.37 0.00 | 14.48 0.37 0.00 | 15.71 0.38 0.00 | 16.32 0.41 0.00 | 16.63 0.46 0.00 | 17.32 0.49 0.00 | 19.74 0.57 0.02 | 22.23 0.67 0.00 | 25.01 0.74 0.00 | 24.59 0.69 0.00 | 30.17 0.76 0.00 | 30.40 0.74 0.00 | 27.94 0.71 0.00 | 25.63 0.51 0.00 | 20.56 0.47 0.00 |
| BOONVILLE_115KV_TB1 79983 | 26.12 0.56 0.00 | 25.23 0.48 0.00 | 21.39 0.39 0.00 | 19.02 0.35 0.00 | 17.12 0.30 0.00 | 13.68 0.28 0.00 | 16.85 0.31 0.00 | 16.27 0.30 0.00 | 15.35 0.28 0.00 | 14.16 0.23 0.00 | 14.31 0.19 0.00 | 15.55 0.22 0.00 | 16.16 0.25 0.00 | 16.40 0.23 0.00 | 17.08 0.24 0.00 | 19.45 0.27 0.00 | 21.83 0.28 0.00 | 24.65 0.37 0.00 | 24.35 0.44 0.00 | 30.08 0.67 0.00 | 30.37 0.71 0.00 | 27.77 0.54 0.00 | 25.55 0.43 0.00 | 20.36 0.27 0.00 |
| BORALEX_4TH_BRANCH 23824 | 26.92 1.35 0.00 | 26.07 1.32 0.00 | 22.18 1.18 0.00 | 19.65 0.99 0.00 | 17.77 0.95 0.00 | 14.10 0.70 0.00 | 17.26 0.72 0.00 | 16.61 0.64 0.00 | 15.65 0.58 0.00 | 14.47 0.54 0.00 | 14.60 0.48 0.00 | 15.83 0.50 0.00 | 16.42 0.52 0.00 | 16.71 0.53 0.00 | 17.35 0.52 0.00 | 19.74 0.61 0.06 | 22.38 0.83 0.00 | 25.21 0.94 0.00 | 24.93 1.02 0.00 | 30.62 1.21 0.00 | 30.86 1.20 0.00 | 28.43 1.21 0.00 | 26.04 0.92 0.00 | 20.99 0.90 0.00 |
| BOWLINE___1 23526 | 27.30 1.73 0.00 | 26.34 1.59 0.00 | 22.24 1.24 0.00 | 19.74 1.08 0.00 | 17.80 0.97 0.00 | 14.13 0.73 0.00 | 17.32 0.79 0.00 | 16.78 0.81 0.00 | 15.99 0.92 0.00 | 14.80 0.88 0.00 | 15.02 0.90 0.00 | 16.30 0.97 0.00 | 16.98 1.07 0.00 | 17.37 1.20 0.00 | 18.14 1.30 0.00 | 20.74 1.53 -0.02 | 23.26 1.71 0.00 | 26.13 1.86 0.00 | 25.49 1.58 0.00 | 31.17 1.76 0.00 | 31.38 1.71 0.00 | 28.79 1.56 0.00 | 26.37 1.25 0.00 | 21.13 1.04 0.00 |
| BOWLINE___2 23595 | 27.32 1.76 0.00 | 26.34 1.60 0.00 | 22.24 1.24 0.00 | 19.74 1.08 0.00 | 17.80 0.97 0.00 | 14.13 0.73 0.00 | 17.32 0.79 0.00 | 16.78 0.81 0.00 | 15.99 0.92 0.00 | 14.80 0.88 0.00 | 15.02 0.90 0.00 | 16.30 0.97 0.00 | 16.98 1.07 0.00 | 17.37 1.20 0.00 | 18.14 1.30 0.00 | 20.74 1.53 -0.02 | 23.26 1.71 0.00 | 26.14 1.86 0.00 | 25.49 1.58 0.00 | 31.16 1.75 0.00 | 31.37 1.71 0.00 | 28.79 1.56 0.00 | 26.36 1.25 0.00 | 21.13 1.04 0.00 |
| BRADY___115KV_TB2 356060 | 25.87 0.31 0.00 | 25.04 0.29 0.00 | 21.30 0.30 0.00 | 18.92 0.25 0.00 | 17.01 0.19 0.00 | 13.55 0.16 0.00 | 16.85 0.31 0.00 | 16.20 0.24 0.00 | 15.24 0.18 0.00 | 14.04 0.11 0.00 | 14.24 0.12 0.00 | 15.50 0.18 0.00 | 16.07 0.17 0.00 | 16.30 0.12 0.00 | 16.92 0.09 0.00 | 19.28 0.09 0.00 | 21.68 0.12 0.00 | 24.39 0.11 0.00 | 24.05 0.14 0.00 | 29.70 0.29 0.00 | 30.07 0.40 0.00 | 27.63 0.40 0.00 | 25.56 0.45 0.00 | 20.23 0.14 0.00 |
| BRANSCOMB___SOLAR 323811 | 27.03 1.46 0.00 | 26.10 1.36 0.00 | 22.18 1.17 0.00 | 19.66 0.99 0.00 | 17.72 0.89 0.00 | 14.06 0.66 0.00 | 17.22 0.68 0.00 | 16.57 0.60 0.00 | 15.63 0.57 0.00 | 14.44 0.51 0.00 | 14.59 0.47 0.00 | 15.83 0.51 0.00 | 16.43 0.52 0.00 | 16.72 0.55 0.00 | 17.40 0.56 0.00 | 19.83 0.68 0.03 | 22.46 0.90 0.00 | 25.42 1.14 0.00 | 25.19 1.28 0.00 | 30.97 1.55 0.00 | 31.19 1.52 0.00 | 28.56 1.33 0.00 | 26.15 1.03 0.00 | 20.99 0.90 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 117.58 2.92 -89.09 | 79.90 2.75 -52.40 | 31.40 1.96 -8.44 | 20.56 1.89 0.00 | 18.50 1.67 0.00 | 14.72 1.32 0.00 | 17.97 1.43 0.00 | 17.51 1.55 0.00 | 16.69 1.62 0.00 | 15.30 1.37 0.00 | 15.32 1.21 0.00 | 16.66 1.34 0.00 | 17.31 1.41 0.00 | 17.85 1.68 0.00 | 18.72 1.88 0.00 | 21.45 2.24 -0.03 | 23.83 2.27 0.00 | 26.94 2.66 0.00 | 26.20 2.29 0.00 | 32.09 2.68 0.00 | 34.47 2.82 -1.98 | 46.20 2.61 -16.36 | 27.37 2.25 0.00 | 21.90 1.81 0.00 |
| BRISTLHL_115KV_TB1 79998 | 25.03 -0.54 0.00 | 24.23 -0.51 0.00 | 20.57 -0.43 0.00 | 18.29 -0.38 0.00 | 16.49 -0.33 0.00 | 13.16 -0.24 0.00 | 16.19 -0.35 0.00 | 15.65 -0.31 0.00 | 14.82 -0.25 0.00 | 13.71 -0.22 0.00 | 13.88 -0.23 0.00 | 15.06 -0.26 0.00 | 15.62 -0.29 0.00 | 15.86 -0.31 0.00 | 16.51 -0.33 0.00 | 18.78 -0.40 0.00 | 21.07 -0.49 0.00 | 23.75 -0.52 0.00 | 23.41 -0.50 0.00 | 28.82 -0.59 0.00 | 29.09 -0.57 0.00 | 26.67 -0.56 0.00 | 24.67 -0.45 0.00 | 19.80 -0.29 0.00 |
| BROOKHAVEN___DRP 24191 | 117.45 2.79 -89.09 | 79.76 2.61 -52.40 | 31.29 1.85 -8.44 | 20.56 1.89 0.00 | 18.51 1.68 0.00 | 14.73 1.33 0.00 | 17.98 1.44 0.00 | 17.59 1.62 -0.01 | 16.78 1.70 -0.01 | 15.27 1.34 0.00 | 15.21 1.10 0.00 | 16.54 1.22 0.00 | 17.15 1.24 0.00 | 17.69 1.52 0.00 | 18.57 1.73 0.00 | 21.29 2.08 -0.03 | 23.69 2.14 0.00 | 26.81 2.54 0.00 | 26.14 2.23 0.00 | 31.95 2.54 0.00 | 34.27 2.63 -1.98 | 46.06 2.47 -16.36 | 27.17 2.05 0.00 | 21.73 1.64 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 27.66 2.10 0.00 | 26.64 1.89 0.00 | 22.46 1.46 0.00 | 19.95 1.28 0.00 | 17.98 1.16 0.00 | 14.26 0.86 0.00 | 17.47 0.93 0.00 | 16.93 0.96 0.00 | 16.15 1.08 0.00 | 14.96 1.03 0.00 | 15.18 1.06 0.00 | 16.46 1.14 0.00 | 17.16 1.25 0.00 | 17.56 1.39 0.00 | 18.33 1.50 0.00 | 20.97 1.77 -0.03 | 23.50 1.95 0.00 | 26.33 2.06 0.00 | 25.65 1.74 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.03 1.81 0.00 | 26.64 1.52 0.00 | 21.33 1.24 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 27.92 2.32 -0.03 | 26.83 2.08 0.00 | 22.63 1.62 0.00 | 20.07 1.41 0.00 | 18.10 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.25 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |

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| BROOKVLE_69_KV_TB1 55790 | 117.23 2.57 -89.09 | 79.52 2.37 -52.40 | 31.19 1.75 -8.44 | 20.26 1.59 0.00 | 18.25 1.42 0.00 | 14.50 1.10 0.00 | 17.73 1.19 0.00 | 17.21 1.24 0.00 | 16.40 1.34 0.00 | 15.14 1.22 0.00 | 15.30 1.18 0.00 | 16.63 1.31 0.00 | 17.32 1.41 0.00 | 17.79 1.61 0.00 | 18.61 1.78 0.00 | 21.24 2.04 -0.03 | 23.72 2.17 0.00 | 26.71 2.44 0.00 | 26.02 2.11 0.00 | 31.81 2.40 0.00 | 34.08 2.43 -1.98 | 45.96 2.37 -16.36 | 27.08 1.96 0.00 | 21.67 1.58 0.00 |
| BROOME_2_LFGE 323671 | 25.67 0.10 0.00 | 24.83 0.08 0.00 | 21.06 0.05 0.00 | 18.70 0.03 0.00 | 16.85 0.02 0.00 | 13.43 0.03 0.00 | 16.53 -0.01 0.00 | 16.02 0.05 0.00 | 15.20 0.14 0.00 | 14.08 0.16 0.00 | 14.25 0.14 0.00 | 15.47 0.14 0.00 | 16.06 0.15 0.00 | 16.35 0.17 0.00 | 17.03 0.19 0.00 | 19.48 0.30 0.00 | 21.81 0.25 0.00 | 24.55 0.28 0.00 | 24.09 0.18 0.00 | 29.60 0.19 0.00 | 29.88 0.21 0.00 | 27.35 0.12 0.00 | 25.35 0.23 0.00 | 20.33 0.24 0.00 |
| BROOME___LFGE 323600 | 25.67 0.10 0.00 | 24.83 0.08 0.00 | 21.06 0.05 0.00 | 18.70 0.03 0.00 | 16.85 0.02 0.00 | 13.43 0.03 0.00 | 16.53 -0.01 0.00 | 16.02 0.05 0.00 | 15.20 0.14 0.00 | 14.08 0.16 0.00 | 14.25 0.14 0.00 | 15.47 0.14 0.00 | 16.06 0.15 0.00 | 16.35 0.17 0.00 | 17.03 0.19 0.00 | 19.48 0.30 0.00 | 21.81 0.25 0.00 | 24.55 0.28 0.00 | 24.09 0.18 0.00 | 29.60 0.19 0.00 | 29.88 0.21 0.00 | 27.35 0.12 0.00 | 25.35 0.23 0.00 | 20.33 0.24 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 25.87 0.31 0.00 | 24.98 0.24 0.00 | 21.24 0.23 0.00 | 18.87 0.20 0.00 | 16.94 0.11 0.00 | 13.57 0.17 0.00 | 16.77 0.23 0.00 | 16.15 0.18 0.00 | 15.22 0.15 0.00 | 13.99 0.07 0.00 | 14.11 0.00 0.00 | 15.40 0.07 0.00 | 15.97 0.07 0.00 | 16.15 -0.03 0.00 | 16.79 -0.05 0.00 | 19.10 -0.08 0.00 | 21.44 -0.12 0.00 | 24.19 -0.09 0.00 | 23.89 -0.02 0.00 | 29.57 0.16 0.00 | 29.91 0.24 0.00 | 27.37 0.14 0.00 | 25.24 0.12 0.00 | 20.00 -0.09 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 28.06 2.49 0.00 | 27.01 2.26 0.00 | 22.76 1.76 0.00 | 20.20 1.53 0.00 | 18.20 1.38 0.00 | 14.44 1.04 0.00 | 17.67 1.14 0.00 | 17.13 1.16 0.00 | 16.34 1.27 0.00 | 15.15 1.22 0.00 | 15.36 1.25 0.00 | 16.67 1.35 0.00 | 17.38 1.48 0.00 | 17.79 1.62 0.00 | 18.57 1.74 0.00 | 21.26 2.05 -0.03 | 23.81 2.25 0.00 | 26.69 2.41 0.00 | 25.99 2.09 0.00 | 31.79 2.38 0.00 | 32.01 2.34 0.00 | 29.42 2.20 0.00 | 26.98 1.86 0.00 | 21.60 1.50 0.00 |
| BURROWS___LYONSDAL 23803 | 26.11 0.54 0.00 | 25.22 0.47 0.00 | 21.38 0.38 0.00 | 19.02 0.35 0.00 | 17.10 0.28 0.00 | 13.68 0.28 0.00 | 16.84 0.30 0.00 | 16.26 0.29 0.00 | 15.34 0.27 0.00 | 14.13 0.21 0.00 | 14.27 0.16 0.00 | 15.52 0.19 0.00 | 16.13 0.22 0.00 | 16.36 0.18 0.00 | 17.03 0.19 0.00 | 19.38 0.20 0.00 | 21.75 0.20 0.00 | 24.56 0.28 0.00 | 24.26 0.35 0.00 | 29.99 0.58 0.00 | 30.30 0.63 0.00 | 27.67 0.44 0.00 | 25.45 0.34 0.00 | 20.26 0.17 0.00 |
| CAITHNESS_CC_1 323624 | 117.40 2.75 -89.09 | 79.73 2.58 -52.40 | 31.27 1.82 -8.44 | 20.51 1.84 0.00 | 18.46 1.64 0.00 | 14.70 1.30 0.00 | 17.94 1.40 0.00 | 17.54 1.57 -0.01 | 16.72 1.65 -0.01 | 15.24 1.31 0.00 | 15.20 1.09 0.00 | 16.53 1.21 0.00 | 17.13 1.23 0.00 | 17.67 1.50 0.00 | 18.54 1.71 0.00 | 21.26 2.05 -0.03 | 23.65 2.10 0.00 | 26.76 2.48 0.00 | 26.08 2.17 0.00 | 31.87 2.46 0.00 | 34.21 2.57 -1.98 | 46.01 2.42 -16.36 | 27.14 2.02 0.00 | 21.70 1.62 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 117.20 2.54 -89.09 | 79.51 2.36 -52.40 | 31.11 1.67 -8.44 | 20.24 1.58 0.00 | 18.23 1.41 0.00 | 14.49 1.09 0.00 | 17.71 1.18 0.00 | 17.22 1.26 0.00 | 16.41 1.34 0.00 | 15.10 1.17 0.00 | 15.18 1.07 0.00 | 16.51 1.19 0.00 | 17.18 1.28 0.00 | 17.68 1.51 0.00 | 18.53 1.70 0.00 | 21.21 2.00 -0.03 | 23.61 2.06 0.00 | 26.65 2.38 0.00 | 25.95 2.05 0.00 | 31.74 2.33 0.00 | 34.06 2.42 -1.98 | 45.89 2.30 -16.36 | 27.05 1.93 0.00 | 21.62 1.54 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 117.20 2.54 -89.09 | 79.51 2.36 -52.40 | 31.11 1.67 -8.44 | 20.25 1.58 0.00 | 18.23 1.40 0.00 | 14.49 1.09 0.00 | 17.71 1.18 0.00 | 17.22 1.25 0.00 | 16.41 1.34 0.00 | 15.09 1.17 0.00 | 15.18 1.07 0.00 | 16.51 1.19 0.00 | 17.18 1.28 0.00 | 17.68 1.51 0.00 | 18.53 1.70 0.00 | 21.21 2.00 -0.03 | 23.62 2.06 0.00 | 26.65 2.38 0.00 | 25.96 2.05 0.00 | 31.74 2.33 0.00 | 34.06 2.42 -1.98 | 45.89 2.30 -16.36 | 27.05 1.93 0.00 | 21.62 1.53 0.00 |
| CALPINE_BP_GT1 23823 | 117.20 2.54 -89.09 | 79.51 2.36 -52.40 | 31.11 1.67 -8.44 | 20.25 1.58 0.00 | 18.23 1.40 0.00 | 14.49 1.09 0.00 | 17.71 1.18 0.00 | 17.22 1.25 0.00 | 16.41 1.34 0.00 | 15.09 1.17 0.00 | 15.18 1.07 0.00 | 16.51 1.19 0.00 | 17.18 1.28 0.00 | 17.68 1.51 0.00 | 18.53 1.70 0.00 | 21.21 2.00 -0.03 | 23.62 2.06 0.00 | 26.65 2.38 0.00 | 25.96 2.05 0.00 | 31.74 2.33 0.00 | 34.06 2.42 -1.98 | 45.89 2.30 -16.36 | 27.05 1.93 0.00 | 21.62 1.53 0.00 |
| CALSPAN___DRP 24200 | 25.18 -0.39 0.00 | 24.37 -0.38 0.00 | 20.63 -0.37 0.00 | 18.31 -0.35 0.00 | 16.40 -0.43 0.00 | 13.05 -0.35 0.00 | 16.11 -0.43 0.00 | 15.70 -0.27 0.00 | 15.11 0.04 0.00 | 13.94 0.01 0.00 | 14.15 0.04 0.00 | 15.35 0.02 0.00 | 15.92 0.02 0.00 | 16.09 -0.09 0.00 | 16.77 -0.06 0.00 | 19.14 -0.04 0.00 | 21.31 -0.25 0.00 | 23.89 -0.38 0.00 | 23.37 -0.54 0.00 | 28.85 -0.57 0.00 | 29.25 -0.41 0.00 | 26.89 -0.34 0.00 | 25.47 0.35 0.00 | 20.64 0.55 0.00 |
| CALVERTON___SOLAR 323806 | 117.55 2.89 -89.09 | 79.85 2.70 -52.40 | 31.37 1.92 -8.44 | 20.64 1.97 0.00 | 18.58 1.75 0.00 | 14.78 1.39 0.00 | 18.04 1.50 0.00 | 17.67 1.70 -0.01 | 16.85 1.78 -0.01 | 15.32 1.39 0.00 | 15.25 1.14 0.00 | 16.59 1.27 0.00 | 17.19 1.29 0.00 | 17.75 1.57 0.00 | 18.62 1.79 0.00 | 21.37 2.16 -0.03 | 23.79 2.24 0.00 | 26.93 2.65 0.00 | 26.26 2.35 0.00 | 32.09 2.68 0.00 | 34.41 2.76 -1.98 | 46.17 2.58 -16.36 | 27.26 2.14 0.00 | 21.78 1.70 0.00 |
| CANDIGU_WT_PWR 323617 | 25.48 -0.08 0.00 | 24.61 -0.13 0.00 | 20.83 -0.17 0.00 | 18.38 -0.28 0.00 | 16.39 -0.44 0.00 | 13.07 -0.33 0.00 | 16.16 -0.38 0.00 | 15.80 -0.17 0.00 | 15.16 0.09 0.00 | 14.01 0.09 0.00 | 14.12 0.01 0.00 | 15.34 0.02 0.00 | 15.95 0.04 0.00 | 16.20 0.03 0.00 | 16.86 0.02 0.00 | 19.32 0.14 0.00 | 21.56 0.01 0.00 | 24.32 0.04 0.00 | 23.80 -0.11 0.00 | 29.31 -0.10 0.00 | 29.69 0.03 0.00 | 27.16 -0.07 0.00 | 25.40 0.28 0.00 | 20.44 0.35 0.00 |
| CARR STREET_E_SYR 24060 | 25.05 -0.52 0.00 | 24.27 -0.47 0.00 | 20.68 -0.33 0.00 | 18.38 -0.29 0.00 | 16.57 -0.26 0.00 | 13.22 -0.18 0.00 | 16.26 -0.27 0.00 | 15.73 -0.23 0.00 | 14.90 -0.17 0.00 | 13.80 -0.13 0.00 | 13.98 -0.13 0.00 | 15.17 -0.15 0.00 | 15.70 -0.20 0.00 | 15.93 -0.25 0.00 | 16.58 -0.26 0.00 | 18.90 -0.28 0.00 | 21.20 -0.35 0.00 | 23.91 -0.36 0.00 | 23.55 -0.36 0.00 | 28.98 -0.43 0.00 | 29.23 -0.44 0.00 | 26.79 -0.44 0.00 | 24.81 -0.30 0.00 | 19.97 -0.12 0.00 |
| CARTHAGE___PAPER 23857 | 26.25 0.68 0.00 | 25.32 0.58 0.00 | 21.48 0.48 0.00 | 19.10 0.43 0.00 | 17.16 0.33 0.00 | 13.77 0.37 0.00 | 16.97 0.43 0.00 | 16.35 0.38 0.00 | 15.37 0.30 0.00 | 14.10 0.17 0.00 | 14.18 0.06 0.00 | 15.45 0.12 0.00 | 16.03 0.13 0.00 | 16.20 0.03 0.00 | 16.91 0.08 0.00 | 19.16 -0.03 0.00 | 21.46 -0.09 0.00 | 24.29 0.01 0.00 | 24.05 0.14 0.00 | 29.90 0.48 0.00 | 30.31 0.64 0.00 | 27.66 0.43 0.00 | 25.43 0.31 0.00 | 20.16 0.07 0.00 |

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| CASSADAGA_WT_PWR 323784 | 25.60 0.04 0.00 | 24.73 -0.01 0.00 | 20.92 -0.08 0.00 | 18.52 -0.15 0.00 | 16.59 -0.24 0.00 | 13.20 -0.20 0.00 | 16.29 -0.25 0.00 | 15.93 -0.03 0.00 | 15.39 0.32 0.00 | 14.27 0.34 0.00 | 14.44 0.33 0.00 | 15.65 0.33 0.00 | 16.26 0.35 0.00 | 16.44 0.27 0.00 | 17.16 0.33 0.00 | 19.64 0.46 0.00 | 21.83 0.27 0.00 | 24.47 0.20 0.00 | 23.80 -0.11 0.00 | 29.31 -0.10 0.00 | 29.70 0.03 0.00 | 27.01 -0.21 0.00 | 25.56 0.44 0.00 | 20.75 0.66 0.00 |
| CE_DUNWOOD___DRP 24194 | 27.52 1.96 0.00 | 26.52 1.78 0.00 | 22.38 1.38 0.00 | 19.87 1.21 0.00 | 17.91 1.09 0.00 | 14.22 0.82 0.00 | 17.42 0.88 0.00 | 16.88 0.91 0.00 | 16.07 1.01 0.00 | 14.88 0.96 0.00 | 15.09 0.97 0.00 | 16.37 1.05 0.00 | 17.06 1.16 0.00 | 17.46 1.28 0.00 | 18.22 1.39 0.00 | 20.85 1.65 -0.03 | 23.37 1.82 0.00 | 26.24 1.96 0.00 | 25.59 1.68 0.00 | 31.30 1.89 0.00 | 31.52 1.86 0.00 | 28.95 1.72 0.00 | 26.53 1.41 0.00 | 21.25 1.16 0.00 |
| CE_MILLWOOD___DRP 24193 | 27.45 1.89 0.00 | 26.46 1.72 0.00 | 22.34 1.33 0.00 | 19.84 1.17 0.00 | 17.88 1.05 0.00 | 14.19 0.79 0.00 | 17.39 0.85 0.00 | 16.84 0.87 0.00 | 16.04 0.97 0.00 | 14.86 0.93 0.00 | 15.05 0.94 0.00 | 16.34 1.02 0.00 | 17.02 1.12 0.00 | 17.42 1.24 0.00 | 18.18 1.35 0.00 | 20.80 1.59 -0.03 | 23.32 1.76 0.00 | 26.18 1.91 0.00 | 25.54 1.64 0.00 | 31.24 1.83 0.00 | 31.46 1.80 0.00 | 28.89 1.67 0.00 | 26.47 1.35 0.00 | 21.21 1.12 0.00 |
| CE_NYC2_DRP 24202 | 27.78 2.22 0.00 | 26.74 1.99 0.00 | 22.55 1.54 0.00 | 20.02 1.35 0.00 | 18.06 1.23 0.00 | 14.32 0.92 0.00 | 17.53 0.99 0.00 | 16.99 1.03 0.00 | 16.20 1.13 0.00 | 15.02 1.09 0.00 | 15.22 1.11 0.00 | 16.50 1.18 0.00 | 17.20 1.30 0.00 | 17.61 1.44 0.00 | 18.39 1.56 0.00 | 21.04 1.83 -0.03 | 23.56 2.01 0.00 | 26.40 2.13 0.00 | 25.71 1.81 0.00 | 31.46 2.05 0.00 | 31.70 2.03 0.00 | 29.13 1.90 0.00 | 26.70 1.59 0.00 | 21.39 1.30 0.00 |
| CE_NYC_DRP 24195 | 27.71 2.15 0.00 | 26.69 1.95 0.00 | 22.51 1.50 0.00 | 19.98 1.32 0.00 | 18.02 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.18 1.11 0.00 | 14.99 1.07 0.00 | 15.20 1.09 0.00 | 16.50 1.17 0.00 | 17.19 1.29 0.00 | 17.60 1.43 0.00 | 18.37 1.54 0.00 | 21.02 1.81 -0.03 | 23.54 1.98 0.00 | 26.38 2.11 0.00 | 25.69 1.78 0.00 | 31.41 2.00 0.00 | 31.63 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| CHAFFEE___LFGE 323603 | 25.18 -0.38 0.00 | 24.36 -0.39 0.00 | 20.61 -0.39 0.00 | 18.30 -0.37 0.00 | 16.38 -0.44 0.00 | 13.04 -0.36 0.00 | 16.10 -0.44 0.00 | 15.70 -0.27 0.00 | 15.10 0.03 0.00 | 13.97 0.04 0.00 | 14.13 0.02 0.00 | 15.35 0.03 0.00 | 15.94 0.03 0.00 | 16.10 -0.07 0.00 | 16.79 -0.05 0.00 | 19.18 0.00 0.00 | 21.36 -0.20 0.00 | 23.96 -0.31 0.00 | 23.43 -0.48 0.00 | 28.92 -0.49 0.00 | 29.33 -0.33 0.00 | 26.95 -0.28 0.00 | 25.50 0.38 0.00 | 20.65 0.57 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 25.58 0.02 0.00 | 24.78 0.04 0.00 | 21.12 0.11 0.00 | 18.75 0.09 0.00 | 16.86 0.03 0.00 | 13.41 0.01 0.00 | 16.69 0.15 0.00 | 16.11 0.14 0.00 | 15.16 0.09 0.00 | 13.94 0.01 0.00 | 14.16 0.04 0.00 | 15.38 0.05 0.00 | 15.89 -0.02 0.00 | 16.10 -0.07 0.00 | 16.72 -0.12 0.00 | 19.04 -0.14 0.00 | 21.40 -0.16 0.00 | 24.16 -0.12 0.00 | 23.81 -0.10 0.00 | 29.43 0.01 0.00 | 29.64 -0.02 0.00 | 27.24 0.02 0.00 | 25.48 0.36 0.00 | 19.96 -0.13 0.00 |
| CHATEAUG_WT_PWR 323614 | 25.57 0.01 0.00 | 24.77 0.03 0.00 | 21.12 0.12 0.00 | 18.75 0.09 0.00 | 16.86 0.03 0.00 | 13.41 0.01 0.00 | 16.68 0.14 0.00 | 16.11 0.14 0.00 | 15.17 0.10 0.00 | 13.94 0.01 0.00 | 14.17 0.06 0.00 | 15.39 0.07 0.00 | 15.90 -0.01 0.00 | 16.11 -0.06 0.00 | 16.73 -0.11 0.00 | 19.05 -0.13 0.00 | 21.41 -0.14 0.00 | 24.18 -0.09 0.00 | 23.85 -0.06 0.00 | 29.45 0.04 0.00 | 29.65 -0.02 0.00 | 27.24 0.01 0.00 | 25.49 0.38 0.00 | 19.98 -0.11 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 25.58 0.02 0.00 | 24.78 0.04 0.00 | 21.12 0.12 0.00 | 18.75 0.09 0.00 | 16.86 0.03 0.00 | 13.41 0.01 0.00 | 16.69 0.15 0.00 | 16.11 0.14 0.00 | 15.16 0.09 0.00 | 13.94 0.01 0.00 | 14.16 0.05 0.00 | 15.38 0.05 0.00 | 15.89 -0.02 0.00 | 16.10 -0.07 0.00 | 16.72 -0.11 0.00 | 19.04 -0.14 0.00 | 21.40 -0.15 0.00 | 24.16 -0.12 0.00 | 23.81 -0.10 0.00 | 29.43 0.01 0.00 | 29.64 -0.02 0.00 | 27.24 0.02 0.00 | 25.47 0.36 0.00 | 19.96 -0.13 0.00 |
| CHAUTAUQUA___LFGE 323629 | 25.45 -0.12 0.00 | 24.58 -0.17 0.00 | 20.80 -0.20 0.00 | 18.44 -0.22 0.00 | 16.53 -0.30 0.00 | 13.17 -0.23 0.00 | 16.24 -0.30 0.00 | 15.87 -0.10 0.00 | 15.28 0.21 0.00 | 14.16 0.24 0.00 | 14.33 0.21 0.00 | 15.54 0.22 0.00 | 16.15 0.24 0.00 | 16.34 0.17 0.00 | 17.05 0.21 0.00 | 19.53 0.34 0.00 | 21.70 0.15 0.00 | 24.36 0.09 0.00 | 23.70 -0.21 0.00 | 29.19 -0.22 0.00 | 29.58 -0.09 0.00 | 27.01 -0.22 0.00 | 25.55 0.43 0.00 | 20.70 0.61 0.00 |
| CHERRYST_13_KV_LD 356241 | 27.80 2.23 0.00 | 26.77 2.02 0.00 | 22.58 1.57 0.00 | 20.04 1.38 0.00 | 18.07 1.24 0.00 | 14.33 0.93 0.00 | 17.55 1.01 0.00 | 17.01 1.04 0.00 | 16.22 1.16 0.00 | 15.04 1.11 0.00 | 15.25 1.14 0.00 | 16.55 1.23 0.00 | 17.25 1.35 0.00 | 17.66 1.48 0.00 | 18.44 1.60 0.00 | 21.09 1.88 -0.03 | 23.62 2.07 0.00 | 26.47 2.19 0.00 | 25.77 1.86 0.00 | 31.51 2.10 0.00 | 31.73 2.06 0.00 | 29.17 1.94 0.00 | 26.74 1.62 0.00 | 21.41 1.32 0.00 |
| CHESTROR_138KV_BK263 355645 | 27.13 1.57 0.00 | 26.17 1.42 0.00 | 22.11 1.11 0.00 | 19.63 0.96 0.00 | 17.69 0.87 0.00 | 14.05 0.65 0.00 | 17.24 0.70 0.00 | 16.68 0.72 0.00 | 15.86 0.79 0.00 | 14.69 0.76 0.00 | 14.89 0.78 0.00 | 16.16 0.84 0.00 | 16.83 0.93 0.00 | 17.20 1.03 0.00 | 17.94 1.11 0.00 | 20.52 1.31 -0.02 | 23.02 1.47 0.00 | 25.90 1.62 0.00 | 25.30 1.39 0.00 | 30.97 1.56 0.00 | 31.19 1.52 0.00 | 28.61 1.38 0.00 | 26.22 1.10 0.00 | 21.01 0.92 0.00 |
| CH_MIDHUDSON___DRP 24192 | 27.40 1.83 0.00 | 26.43 1.69 0.00 | 22.33 1.33 0.00 | 19.82 1.16 0.00 | 17.87 1.04 0.00 | 14.19 0.79 0.00 | 17.38 0.85 0.00 | 16.82 0.86 0.00 | 15.98 0.91 0.00 | 14.79 0.87 0.00 | 15.01 0.90 0.00 | 16.29 0.97 0.00 | 16.96 1.06 0.00 | 17.34 1.16 0.00 | 18.09 1.25 0.00 | 20.69 1.48 -0.02 | 23.22 1.67 0.00 | 26.11 1.84 0.00 | 25.53 1.63 0.00 | 31.24 1.83 0.00 | 31.45 1.79 0.00 | 28.87 1.64 0.00 | 26.44 1.32 0.00 | 21.18 1.09 0.00 |
| CH_MISC_IPPS 23765 | 27.57 2.01 0.00 | 26.59 1.84 0.00 | 22.46 1.45 0.00 | 19.93 1.26 0.00 | 17.96 1.13 0.00 | 14.26 0.86 0.00 | 17.48 0.95 0.00 | 16.92 0.95 0.00 | 16.08 1.01 0.00 | 14.89 0.96 0.00 | 15.11 1.00 0.00 | 16.40 1.08 0.00 | 17.09 1.19 0.00 | 17.47 1.30 0.00 | 18.24 1.40 0.00 | 20.87 1.67 -0.02 | 23.43 1.88 0.00 | 26.36 2.08 0.00 | 25.75 1.84 0.00 | 31.50 2.09 0.00 | 31.71 2.04 0.00 | 29.08 1.85 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| CH_RES_BVR_FALLS 23983 | 25.43 -0.13 0.00 | 24.64 -0.11 0.00 | 20.91 -0.09 0.00 | 18.58 -0.09 0.00 | 16.74 -0.08 0.00 | 13.34 -0.06 0.00 | 16.51 -0.03 0.00 | 15.93 -0.04 0.00 | 15.02 -0.05 0.00 | 13.86 -0.06 0.00 | 14.05 -0.06 0.00 | 15.27 -0.05 0.00 | 15.84 -0.06 0.00 | 16.09 -0.08 0.00 | 16.75 -0.09 0.00 | 19.06 -0.12 0.00 | 21.43 -0.12 0.00 | 24.13 -0.15 0.00 | 23.75 -0.16 0.00 | 29.24 -0.17 0.00 | 29.49 -0.18 0.00 | 27.04 -0.19 0.00 | 24.95 -0.17 0.00 | 19.88 -0.21 0.00 |

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| CH_RES_NIAGARA 23895 | 24.48 -1.08 0.00 | 23.77 -0.97 0.00 | 20.14 -0.86 0.00 | 17.91 -0.75 0.00 | 16.03 -0.80 0.00 | 12.75 -0.65 0.00 | 15.74 -0.79 0.00 | 15.30 -0.66 0.00 | 14.73 -0.34 0.00 | 13.59 -0.33 0.00 | 13.76 -0.36 0.00 | 14.92 -0.40 0.00 | 15.47 -0.44 0.00 | 15.58 -0.60 0.00 | 16.21 -0.63 0.00 | 18.37 -0.81 0.00 | 20.45 -1.11 0.00 | 22.89 -1.39 0.00 | 22.40 -1.50 0.00 | 27.70 -1.71 0.00 | 28.15 -1.52 0.00 | 25.96 -1.26 0.00 | 24.81 -0.31 0.00 | 20.22 0.14 0.00 |
| CH_RES_SYRACUSE 23985 | 25.32 -0.24 0.00 | 24.50 -0.24 0.00 | 20.80 -0.20 0.00 | 18.49 -0.18 0.00 | 16.66 -0.16 0.00 | 13.30 -0.10 0.00 | 16.37 -0.17 0.00 | 15.83 -0.14 0.00 | 14.99 -0.08 0.00 | 13.87 -0.06 0.00 | 14.06 -0.05 0.00 | 15.27 -0.05 0.00 | 15.83 -0.08 0.00 | 16.08 -0.09 0.00 | 16.74 -0.09 0.00 | 19.10 -0.08 0.00 | 21.44 -0.11 0.00 | 24.18 -0.09 0.00 | 23.81 -0.10 0.00 | 29.29 -0.12 0.00 | 29.56 -0.11 0.00 | 27.09 -0.14 0.00 | 25.05 -0.07 0.00 | 20.09 0.00 0.00 |
| CLINTON_WT_PWR 323605 | 25.57 0.01 0.00 | 24.77 0.03 0.00 | 21.12 0.12 0.00 | 18.75 0.09 0.00 | 16.86 0.03 0.00 | 13.41 0.01 0.00 | 16.68 0.14 0.00 | 16.11 0.14 0.00 | 15.17 0.10 0.00 | 13.94 0.01 0.00 | 14.17 0.06 0.00 | 15.39 0.07 0.00 | 15.90 -0.01 0.00 | 16.11 -0.06 0.00 | 16.73 -0.11 0.00 | 19.05 -0.13 0.00 | 21.41 -0.14 0.00 | 24.18 -0.09 0.00 | 23.85 -0.06 0.00 | 29.45 0.04 0.00 | 29.65 -0.02 0.00 | 27.24 0.01 0.00 | 25.49 0.38 0.00 | 19.98 -0.11 0.00 |
| CLINTON___LFGE 323618 | 25.76 0.20 0.00 | 24.93 0.19 0.00 | 21.27 0.27 0.00 | 18.88 0.21 0.00 | 16.97 0.14 0.00 | 13.50 0.10 0.00 | 16.77 0.24 0.00 | 16.20 0.23 0.00 | 15.26 0.18 0.00 | 14.02 0.09 0.00 | 14.27 0.16 0.00 | 15.49 0.16 0.00 | 16.01 0.11 0.00 | 16.24 0.06 0.00 | 16.84 0.01 0.00 | 19.21 0.03 0.00 | 21.61 0.06 0.00 | 24.44 0.17 0.00 | 24.14 0.24 0.00 | 29.85 0.44 0.00 | 30.08 0.41 0.00 | 27.57 0.34 0.00 | 25.82 0.70 0.00 | 20.22 0.13 0.00 |
| COBBLENY_34_KV_TB1 80064 | 25.18 -0.39 0.00 | 24.36 -0.39 0.00 | 20.61 -0.39 0.00 | 18.30 -0.37 0.00 | 16.38 -0.44 0.00 | 13.04 -0.36 0.00 | 16.10 -0.44 0.00 | 15.70 -0.27 0.00 | 15.10 0.03 0.00 | 13.93 0.01 0.00 | 14.14 0.03 0.00 | 15.35 0.03 0.00 | 15.94 0.03 0.00 | 16.10 -0.07 0.00 | 16.79 -0.05 0.00 | 19.18 0.00 0.00 | 21.36 -0.19 0.00 | 23.97 -0.31 0.00 | 23.44 -0.47 0.00 | 28.92 -0.49 0.00 | 29.33 -0.33 0.00 | 26.95 -0.28 0.00 | 25.50 0.39 0.00 | 20.65 0.57 0.00 |
| COFFEEN___115KV_TB3 355620 | 26.35 0.79 0.00 | 25.40 0.66 0.00 | 21.54 0.54 0.00 | 19.15 0.48 0.00 | 17.21 0.38 0.00 | 13.83 0.42 0.00 | 17.02 0.48 0.00 | 16.40 0.43 0.00 | 15.40 0.33 0.00 | 14.09 0.16 0.00 | 14.17 0.05 0.00 | 15.42 0.09 0.00 | 16.00 0.10 0.00 | 16.18 0.00 0.00 | 16.91 0.07 0.00 | 19.11 -0.07 0.00 | 21.42 -0.14 0.00 | 24.28 0.01 0.00 | 24.05 0.14 0.00 | 29.96 0.55 0.00 | 30.51 0.84 0.00 | 27.84 0.61 0.00 | 25.59 0.47 0.00 | 20.29 0.20 0.00 |
| COLDSPRG_115KV_BK1 355956 | 25.70 0.14 0.00 | 24.83 0.08 0.00 | 21.00 -0.01 0.00 | 18.61 -0.06 0.00 | 16.68 -0.15 0.00 | 13.29 -0.11 0.00 | 16.40 -0.14 0.00 | 16.03 0.07 0.00 | 15.47 0.40 0.00 | 14.32 0.39 0.00 | 14.53 0.42 0.00 | 15.69 0.37 0.00 | 16.30 0.40 0.00 | 16.51 0.34 0.00 | 17.22 0.39 0.00 | 19.71 0.52 0.00 | 21.93 0.38 0.00 | 24.62 0.35 0.00 | 23.96 0.05 0.00 | 29.45 0.04 0.00 | 29.81 0.15 0.00 | 27.26 0.03 0.00 | 25.72 0.60 0.00 | 20.80 0.71 0.00 |
| COLONIE_LFGE___ 323577 | 26.72 1.16 0.00 | 25.84 1.10 0.00 | 21.96 0.96 0.00 | 19.48 0.81 0.00 | 17.58 0.75 0.00 | 13.97 0.56 0.00 | 17.11 0.58 0.00 | 16.47 0.50 0.00 | 15.55 0.48 0.00 | 14.38 0.46 0.00 | 14.55 0.44 0.00 | 15.79 0.46 0.00 | 16.39 0.49 0.00 | 16.70 0.52 0.00 | 17.37 0.54 0.00 | 19.78 0.63 0.04 | 22.36 0.81 0.00 | 25.21 0.94 0.00 | 24.88 0.98 0.00 | 30.55 1.13 0.00 | 30.78 1.11 0.00 | 28.26 1.03 0.00 | 25.88 0.77 0.00 | 20.80 0.71 0.00 |
| COOPERNY_115KV_TB1 80082 | 26.40 0.83 0.00 | 25.45 0.70 0.00 | 21.54 0.54 0.00 | 19.14 0.47 0.00 | 17.25 0.42 0.00 | 13.73 0.33 0.00 | 16.87 0.33 0.00 | 16.31 0.34 0.00 | 15.46 0.39 0.00 | 14.34 0.42 0.00 | 14.51 0.40 0.00 | 15.74 0.42 0.00 | 16.38 0.48 0.00 | 16.69 0.52 0.00 | 17.40 0.57 0.00 | 19.87 0.68 -0.01 | 22.33 0.77 0.00 | 25.18 0.90 0.00 | 24.94 1.03 0.00 | 30.67 1.26 0.00 | 30.89 1.22 0.00 | 28.33 1.10 0.00 | 26.00 0.88 0.00 | 20.82 0.73 0.00 |
| COPENHAGEN_WT_PWR 323753 | 26.04 0.48 0.00 | 25.10 0.36 0.00 | 21.29 0.29 0.00 | 18.93 0.26 0.00 | 17.01 0.18 0.00 | 13.68 0.28 0.00 | 16.84 0.30 0.00 | 16.24 0.27 0.00 | 15.28 0.21 0.00 | 14.00 0.08 0.00 | 14.09 -0.02 0.00 | 15.34 0.02 0.00 | 15.92 0.01 0.00 | 16.09 -0.09 0.00 | 16.79 -0.05 0.00 | 18.99 -0.19 0.00 | 21.25 -0.30 0.00 | 24.06 -0.21 0.00 | 23.81 -0.10 0.00 | 29.60 0.18 0.00 | 30.00 0.33 0.00 | 27.36 0.13 0.00 | 25.15 0.03 0.00 | 19.97 -0.12 0.00 |
| CORNELL_____ 23752 | 25.94 0.38 0.00 | 25.09 0.34 0.00 | 21.28 0.27 0.00 | 18.90 0.23 0.00 | 17.02 0.19 0.00 | 13.57 0.17 0.00 | 16.72 0.18 0.00 | 16.19 0.22 0.00 | 15.32 0.25 0.00 | 14.13 0.20 0.00 | 14.30 0.18 0.00 | 15.50 0.18 0.00 | 16.09 0.19 0.00 | 16.35 0.18 0.00 | 17.04 0.21 0.00 | 19.49 0.31 0.00 | 21.86 0.30 0.00 | 24.70 0.42 0.00 | 24.37 0.46 0.00 | 30.06 0.65 0.00 | 30.37 0.70 0.00 | 27.82 0.59 0.00 | 25.70 0.58 0.00 | 20.57 0.48 0.00 |
| CORONA_AV_69_KV_TB1 355595 | 117.18 2.52 -89.09 | 79.51 2.36 -52.40 | 31.18 1.74 -8.44 | 20.32 1.65 0.00 | 18.30 1.47 0.00 | 14.54 1.14 0.00 | 17.78 1.24 0.00 | 17.27 1.30 0.00 | 16.45 1.38 0.00 | 15.15 1.22 0.00 | 15.25 1.14 0.00 | 16.58 1.26 0.00 | 17.26 1.35 0.00 | 17.74 1.56 0.00 | 18.58 1.74 0.00 | 21.25 2.04 -0.03 | 23.69 2.14 0.00 | 26.71 2.44 0.00 | 26.00 2.09 0.00 | 31.81 2.40 0.00 | 34.10 2.45 -1.98 | 45.95 2.36 -16.36 | 27.12 2.00 0.00 | 21.71 1.62 0.00 |
| CORTLAND_115KV_TB3 80093 | 25.72 0.16 0.00 | 24.87 0.13 0.00 | 21.11 0.10 0.00 | 18.76 0.09 0.00 | 16.90 0.08 0.00 | 13.48 0.07 0.00 | 16.59 0.05 0.00 | 16.06 0.09 0.00 | 15.19 0.13 0.00 | 14.03 0.11 0.00 | 14.21 0.10 0.00 | 15.43 0.11 0.00 | 16.01 0.11 0.00 | 16.29 0.12 0.00 | 16.97 0.14 0.00 | 19.39 0.21 0.00 | 21.74 0.19 0.00 | 24.51 0.24 0.00 | 24.15 0.24 0.00 | 29.75 0.34 0.00 | 30.04 0.38 0.00 | 27.51 0.28 0.00 | 25.43 0.31 0.00 | 20.36 0.27 0.00 |
| COXSACKIE___GT 23611 | 27.37 1.80 0.00 | 26.43 1.69 0.00 | 22.44 1.43 0.00 | 19.90 1.24 0.00 | 17.96 1.13 0.00 | 14.29 0.89 0.00 | 17.53 0.99 0.00 | 16.84 0.88 0.00 | 15.80 0.73 0.00 | 14.57 0.64 0.00 | 14.73 0.62 0.00 | 15.89 0.57 0.00 | 16.48 0.58 0.00 | 16.79 0.62 0.00 | 17.49 0.65 0.00 | 20.01 0.84 0.01 | 22.62 1.07 0.00 | 25.67 1.40 0.00 | 25.44 1.53 0.00 | 31.49 2.08 0.00 | 31.86 2.19 0.00 | 29.24 2.01 0.00 | 26.71 1.59 0.00 | 21.33 1.24 0.00 |
| CPV_VALLEY___CC1 323721 | 26.07 0.51 0.00 | 25.18 0.44 0.00 | 21.32 0.31 0.00 | 18.94 0.27 0.00 | 17.08 0.25 0.00 | 13.60 0.20 0.00 | 16.71 0.17 0.00 | 16.16 0.19 0.00 | 15.31 0.24 0.00 | 14.18 0.25 0.00 | 14.37 0.25 0.00 | 15.59 0.27 0.00 | 16.22 0.31 0.00 | 16.52 0.35 0.00 | 17.21 0.38 0.00 | 19.66 0.46 -0.01 | 22.07 0.52 0.00 | 24.85 0.58 0.00 | 24.90 0.99 0.00 | 30.71 1.30 0.00 | 30.92 1.26 0.00 | 28.37 1.14 0.00 | 26.01 0.89 0.00 | 20.84 0.75 0.00 |

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| CPV_VALLEY___CC2 323722 | 26.07 0.51 0.00 | 25.18 0.44 0.00 | 21.32 0.31 0.00 | 18.94 0.27 0.00 | 17.08 0.25 0.00 | 13.60 0.20 0.00 | 16.71 0.17 0.00 | 16.16 0.19 0.00 | 15.31 0.24 0.00 | 14.18 0.25 0.00 | 14.37 0.25 0.00 | 15.59 0.27 0.00 | 16.22 0.31 0.00 | 16.52 0.35 0.00 | 17.21 0.38 0.00 | 19.66 0.46 -0.01 | 22.07 0.52 0.00 | 24.85 0.58 0.00 | 24.90 0.99 0.00 | 30.71 1.30 0.00 | 30.92 1.26 0.00 | 28.37 1.14 0.00 | 26.01 0.89 0.00 | 20.84 0.75 0.00 |
| CRESCENT___HYD 24018 | 26.72 1.16 0.00 | 25.84 1.10 0.00 | 21.96 0.96 0.00 | 19.48 0.81 0.00 | 17.58 0.75 0.00 | 13.97 0.56 0.00 | 17.11 0.58 0.00 | 16.47 0.50 0.00 | 15.55 0.48 0.00 | 14.38 0.46 0.00 | 14.55 0.44 0.00 | 15.79 0.46 0.00 | 16.39 0.49 0.00 | 16.70 0.52 0.00 | 17.37 0.54 0.00 | 19.78 0.63 0.04 | 22.36 0.81 0.00 | 25.21 0.94 0.00 | 24.88 0.98 0.00 | 30.55 1.13 0.00 | 30.78 1.11 0.00 | 28.26 1.03 0.00 | 25.88 0.77 0.00 | 20.80 0.71 0.00 |
| CRICKET___VALLEY_CC1 323756 | 27.04 1.48 0.00 | 26.11 1.37 0.00 | 22.08 1.08 0.00 | 19.60 0.94 0.00 | 17.67 0.85 0.00 | 14.03 0.63 0.00 | 17.18 0.64 0.00 | 16.61 0.64 0.00 | 15.74 0.67 0.00 | 14.56 0.64 0.00 | 14.79 0.68 0.00 | 16.07 0.74 0.00 | 16.71 0.80 0.00 | 17.06 0.88 0.00 | 17.78 0.94 0.00 | 19.93 1.10 0.36 | 22.79 1.23 0.00 | 25.62 1.34 0.00 | 25.09 1.19 0.00 | 30.72 1.30 0.00 | 30.93 1.26 0.00 | 28.39 1.17 0.00 | 26.01 0.89 0.00 | 20.89 0.80 0.00 |
| CRICKET___VALLEY_CC2 323757 | 27.04 1.48 0.00 | 26.11 1.37 0.00 | 22.08 1.08 0.00 | 19.60 0.94 0.00 | 17.67 0.85 0.00 | 14.03 0.63 0.00 | 17.18 0.64 0.00 | 16.61 0.64 0.00 | 15.74 0.67 0.00 | 14.56 0.64 0.00 | 14.79 0.68 0.00 | 16.07 0.74 0.00 | 16.71 0.80 0.00 | 17.06 0.88 0.00 | 17.78 0.94 0.00 | 19.93 1.10 0.36 | 22.79 1.23 0.00 | 25.62 1.34 0.00 | 25.09 1.19 0.00 | 30.72 1.30 0.00 | 30.93 1.26 0.00 | 28.39 1.17 0.00 | 26.01 0.89 0.00 | 20.89 0.80 0.00 |
| CRICKET___VALLEY_CC3 323758 | 27.04 1.48 0.00 | 26.11 1.37 0.00 | 22.08 1.08 0.00 | 19.60 0.94 0.00 | 17.67 0.85 0.00 | 14.03 0.63 0.00 | 17.18 0.64 0.00 | 16.61 0.64 0.00 | 15.74 0.67 0.00 | 14.56 0.64 0.00 | 14.79 0.68 0.00 | 16.07 0.74 0.00 | 16.71 0.80 0.00 | 17.06 0.88 0.00 | 17.78 0.94 0.00 | 19.93 1.10 0.36 | 22.79 1.23 0.00 | 25.62 1.34 0.00 | 25.09 1.19 0.00 | 30.72 1.30 0.00 | 30.93 1.26 0.00 | 28.39 1.17 0.00 | 26.01 0.89 0.00 | 20.89 0.80 0.00 |
| CRUCIBLE_METL_DRP 24180 | 25.32 -0.24 0.00 | 24.50 -0.24 0.00 | 20.80 -0.20 0.00 | 18.49 -0.18 0.00 | 16.66 -0.16 0.00 | 13.30 -0.10 0.00 | 16.37 -0.17 0.00 | 15.83 -0.14 0.00 | 14.99 -0.07 0.00 | 13.86 -0.06 0.00 | 14.06 -0.05 0.00 | 15.27 -0.05 0.00 | 15.82 -0.08 0.00 | 16.08 -0.09 0.00 | 16.74 -0.09 0.00 | 19.10 -0.08 0.00 | 21.44 -0.11 0.00 | 24.18 -0.09 0.00 | 23.81 -0.10 0.00 | 29.29 -0.12 0.00 | 29.56 -0.11 0.00 | 27.09 -0.14 0.00 | 25.05 -0.07 0.00 | 20.09 0.00 0.00 |
| DAHOWA___HYDRO 323763 | 27.10 1.54 0.00 | 26.17 1.42 0.00 | 22.24 1.23 0.00 | 19.71 1.04 0.00 | 17.75 0.92 0.00 | 14.08 0.68 0.00 | 17.23 0.69 0.00 | 16.59 0.62 0.00 | 15.66 0.59 0.00 | 14.46 0.53 0.00 | 14.60 0.49 0.00 | 15.85 0.53 0.00 | 16.44 0.54 0.00 | 16.74 0.56 0.00 | 17.41 0.57 0.00 | 19.85 0.70 0.03 | 22.50 0.94 0.00 | 25.48 1.21 0.00 | 25.29 1.38 0.00 | 31.08 1.67 0.00 | 31.29 1.62 0.00 | 28.62 1.39 0.00 | 26.20 1.09 0.00 | 21.02 0.93 0.00 |
| DANC___LFGE 323619 | 25.62 0.06 0.00 | 24.74 0.00 0.00 | 21.00 -0.01 0.00 | 18.66 -0.01 0.00 | 16.79 -0.03 0.00 | 13.46 0.07 0.00 | 16.57 0.03 0.00 | 15.99 0.03 0.00 | 15.08 0.01 0.00 | 13.87 -0.05 0.00 | 13.99 -0.12 0.00 | 15.21 -0.11 0.00 | 15.78 -0.13 0.00 | 15.98 -0.20 0.00 | 16.66 -0.18 0.00 | 18.87 -0.31 0.00 | 21.12 -0.43 0.00 | 23.88 -0.39 0.00 | 23.60 -0.31 0.00 | 29.24 -0.17 0.00 | 29.62 -0.04 0.00 | 27.09 -0.14 0.00 | 24.96 -0.16 0.00 | 19.90 -0.18 0.00 |
| DANSKAMMER___1 23586 | 27.57 2.01 0.00 | 26.59 1.84 0.00 | 22.46 1.45 0.00 | 19.93 1.26 0.00 | 17.96 1.13 0.00 | 14.26 0.86 0.00 | 17.48 0.95 0.00 | 16.92 0.95 0.00 | 16.08 1.01 0.00 | 14.89 0.96 0.00 | 15.11 1.00 0.00 | 16.40 1.08 0.00 | 17.09 1.19 0.00 | 17.47 1.30 0.00 | 18.24 1.40 0.00 | 20.87 1.67 -0.02 | 23.43 1.88 0.00 | 26.36 2.08 0.00 | 25.75 1.84 0.00 | 31.50 2.09 0.00 | 31.71 2.04 0.00 | 29.08 1.85 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| DANSKAMMER___2 23589 | 27.57 2.01 0.00 | 26.59 1.84 0.00 | 22.46 1.45 0.00 | 19.93 1.26 0.00 | 17.96 1.13 0.00 | 14.26 0.86 0.00 | 17.48 0.95 0.00 | 16.92 0.95 0.00 | 16.08 1.01 0.00 | 14.89 0.96 0.00 | 15.11 1.00 0.00 | 16.40 1.08 0.00 | 17.09 1.19 0.00 | 17.47 1.30 0.00 | 18.24 1.40 0.00 | 20.87 1.67 -0.02 | 23.43 1.88 0.00 | 26.36 2.08 0.00 | 25.75 1.84 0.00 | 31.50 2.09 0.00 | 31.71 2.04 0.00 | 29.08 1.85 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| DANSKAMMER___3 23590 | 27.57 2.01 0.00 | 26.59 1.84 0.00 | 22.46 1.45 0.00 | 19.93 1.26 0.00 | 17.96 1.13 0.00 | 14.26 0.86 0.00 | 17.48 0.95 0.00 | 16.92 0.95 0.00 | 16.08 1.01 0.00 | 14.89 0.96 0.00 | 15.11 1.00 0.00 | 16.40 1.08 0.00 | 17.09 1.19 0.00 | 17.47 1.30 0.00 | 18.24 1.40 0.00 | 20.87 1.67 -0.02 | 23.43 1.88 0.00 | 26.36 2.08 0.00 | 25.75 1.84 0.00 | 31.50 2.09 0.00 | 31.71 2.04 0.00 | 29.08 1.85 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| DANSKAMMER___4 23591 | 27.57 2.01 0.00 | 26.59 1.84 0.00 | 22.46 1.45 0.00 | 19.93 1.26 0.00 | 17.96 1.13 0.00 | 14.26 0.86 0.00 | 17.48 0.95 0.00 | 16.92 0.95 0.00 | 16.08 1.01 0.00 | 14.89 0.96 0.00 | 15.11 1.00 0.00 | 16.40 1.08 0.00 | 17.09 1.19 0.00 | 17.47 1.30 0.00 | 18.24 1.40 0.00 | 20.87 1.67 -0.02 | 23.43 1.88 0.00 | 26.36 2.08 0.00 | 25.75 1.84 0.00 | 31.50 2.09 0.00 | 31.71 2.04 0.00 | 29.08 1.85 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| DANSKAMMER___DIESEL 23592 | 27.57 2.01 0.00 | 26.59 1.84 0.00 | 22.46 1.45 0.00 | 19.93 1.26 0.00 | 17.96 1.13 0.00 | 14.26 0.86 0.00 | 17.48 0.95 0.00 | 16.92 0.95 0.00 | 16.08 1.01 0.00 | 14.90 0.97 0.00 | 15.11 1.00 0.00 | 16.40 1.08 0.00 | 17.09 1.19 0.00 | 17.47 1.30 0.00 | 18.24 1.40 0.00 | 20.87 1.67 -0.02 | 23.43 1.88 0.00 | 26.36 2.08 0.00 | 25.75 1.84 0.00 | 31.50 2.09 0.00 | 31.71 2.04 0.00 | 29.08 1.86 0.00 | 26.63 1.51 0.00 | 21.32 1.23 0.00 |
| DARBY___SOLAR 323810 | 27.04 1.48 0.00 | 26.12 1.38 0.00 | 22.19 1.19 0.00 | 19.67 1.00 0.00 | 17.72 0.89 0.00 | 14.06 0.66 0.00 | 17.22 0.68 0.00 | 16.58 0.61 0.00 | 15.65 0.58 0.00 | 14.45 0.52 0.00 | 14.59 0.48 0.00 | 15.84 0.52 0.00 | 16.43 0.53 0.00 | 16.73 0.56 0.00 | 17.41 0.57 0.00 | 19.84 0.69 0.03 | 22.48 0.92 0.00 | 25.44 1.17 0.00 | 25.21 1.31 0.00 | 30.98 1.57 0.00 | 31.20 1.53 0.00 | 28.56 1.34 0.00 | 26.15 1.03 0.00 | 20.99 0.90 0.00 |
| DASHVILLE___HYD 23610 | 27.37 1.81 0.00 | 26.38 1.64 0.00 | 22.28 1.27 0.00 | 19.78 1.11 0.00 | 17.82 1.00 0.00 | 14.14 0.74 0.00 | 17.33 0.79 0.00 | 16.79 0.82 0.00 | 15.96 0.89 0.00 | 14.74 0.82 0.00 | 15.00 0.89 0.00 | 16.30 0.98 0.00 | 16.98 1.08 0.00 | 17.36 1.19 0.00 | 18.12 1.29 0.00 | 20.74 1.55 -0.01 | 23.27 1.72 0.00 | 26.16 1.88 0.00 | 25.45 1.54 0.00 | 31.11 1.70 0.00 | 31.32 1.65 0.00 | 28.74 1.51 0.00 | 26.32 1.20 0.00 | 21.09 1.00 0.00 |

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|--|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 118.39 3.73 -89.09 | 80.59 3.45 -52.40 | 31.95 2.50 -8.44 | 21.15 2.49 0.00 | 19.02 2.19 0.00 | 15.12 1.72 0.00 | 18.44 1.90 0.00 | 18.07 2.11 -0.01 | 17.30 2.22 -0.01 | 15.76 1.83 0.00 | 15.71 1.60 0.00 | 17.10 1.78 0.00 | 17.73 1.83 0.00 | 18.32 2.15 0.00 | 19.23 2.40 0.00 | 22.09 2.88 -0.03 | 24.58 3.02 0.00 | 27.80 3.53 0.00 | 27.10 3.19 0.00 | 33.09 3.68 0.00 | 35.39 3.74 -1.98 | 47.01 3.42 -16.36 | 27.96 2.84 0.00 | 22.29 2.20 0.00 |
| DELAWARE___LFGE 323621 | 26.31 0.74 0.00 | 25.49 0.74 0.00 | 21.62 0.62 0.00 | 19.23 0.56 0.00 | 17.33 0.50 0.00 | 13.80 0.40 0.00 | 16.98 0.44 0.00 | 16.40 0.43 0.00 | 15.51 0.44 0.00 | 14.34 0.42 0.00 | 14.54 0.43 0.00 | 15.78 0.45 0.00 | 16.39 0.49 0.00 | 16.69 0.52 0.00 | 17.39 0.55 0.00 | 19.84 0.65 0.00 | 22.27 0.71 0.00 | 25.05 0.77 0.00 | 24.68 0.77 0.00 | 30.35 0.94 0.00 | 30.60 0.94 0.00 | 28.06 0.83 0.00 | 25.85 0.73 0.00 | 20.70 0.61 0.00 |
| DERFIELD_115KV_TB7 355931 | 25.61 0.05 0.00 | 24.78 0.03 0.00 | 21.02 0.02 0.00 | 18.69 0.02 0.00 | 16.85 0.02 0.00 | 13.43 0.03 0.00 | 16.54 0.00 0.00 | 15.97 0.00 0.00 | 15.07 0.00 0.00 | 13.94 0.01 0.00 | 14.11 0.00 0.00 | 15.32 0.00 0.00 | 15.92 0.02 0.00 | 16.19 0.02 0.00 | 16.86 0.02 0.00 | 19.22 0.04 0.00 | 21.60 0.04 0.00 | 24.32 0.05 0.00 | 23.96 0.05 0.00 | 29.47 0.06 0.00 | 29.71 0.04 0.00 | 27.25 0.03 0.00 | 25.11 0.00 0.00 | 20.10 0.01 0.00 |
| DOGLEVILLE___HYD 23807 | 25.84 0.27 0.00 | 24.90 0.15 0.00 | 21.09 0.09 0.00 | 18.74 0.07 0.00 | 16.96 0.14 0.00 | 13.51 0.10 0.00 | 16.49 -0.04 0.00 | 15.83 -0.13 0.00 | 14.87 -0.20 0.00 | 13.77 -0.16 0.00 | 13.86 -0.26 0.00 | 15.09 -0.23 0.00 | 15.71 -0.19 0.00 | 16.06 -0.12 0.00 | 16.69 -0.14 0.00 | 19.15 -0.04 0.00 | 21.54 -0.02 0.00 | 24.37 0.10 0.00 | 24.05 0.14 0.00 | 29.62 0.20 0.00 | 29.84 0.18 0.00 | 27.34 0.11 0.00 | 24.94 -0.17 0.00 | 20.02 -0.08 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 25.40 -0.16 0.00 | 24.54 -0.20 0.00 | 20.77 -0.23 0.00 | 18.42 -0.25 0.00 | 16.51 -0.32 0.00 | 13.15 -0.25 0.00 | 16.22 -0.32 0.00 | 15.85 -0.12 0.00 | 15.26 0.19 0.00 | 14.11 0.18 0.00 | 14.31 0.20 0.00 | 15.52 0.20 0.00 | 16.12 0.21 0.00 | 16.32 0.15 0.00 | 17.02 0.19 0.00 | 19.50 0.32 0.00 | 21.68 0.12 0.00 | 24.33 0.06 0.00 | 23.68 -0.23 0.00 | 29.15 -0.26 0.00 | 29.54 -0.13 0.00 | 26.99 -0.24 0.00 | 25.53 0.41 0.00 | 20.68 0.59 0.00 |
| DUNKIRK___1 23563 | 25.40 -0.16 0.00 | 24.54 -0.20 0.00 | 20.77 -0.23 0.00 | 18.42 -0.25 0.00 | 16.51 -0.32 0.00 | 13.15 -0.25 0.00 | 16.22 -0.32 0.00 | 15.85 -0.12 0.00 | 15.26 0.19 0.00 | 14.11 0.18 0.00 | 14.31 0.20 0.00 | 15.52 0.20 0.00 | 16.12 0.21 0.00 | 16.32 0.15 0.00 | 17.02 0.19 0.00 | 19.50 0.32 0.00 | 21.68 0.12 0.00 | 24.33 0.06 0.00 | 23.68 -0.23 0.00 | 29.15 -0.26 0.00 | 29.54 -0.13 0.00 | 26.99 -0.24 0.00 | 25.53 0.41 0.00 | 20.68 0.59 0.00 |
| DUNKIRK___2 23564 | 25.40 -0.16 0.00 | 24.54 -0.20 0.00 | 20.77 -0.23 0.00 | 18.42 -0.25 0.00 | 16.51 -0.32 0.00 | 13.15 -0.25 0.00 | 16.22 -0.32 0.00 | 15.85 -0.12 0.00 | 15.26 0.19 0.00 | 14.11 0.18 0.00 | 14.31 0.20 0.00 | 15.52 0.20 0.00 | 16.12 0.21 0.00 | 16.32 0.15 0.00 | 17.02 0.19 0.00 | 19.50 0.32 0.00 | 21.68 0.12 0.00 | 24.33 0.06 0.00 | 23.68 -0.23 0.00 | 29.15 -0.26 0.00 | 29.54 -0.13 0.00 | 26.99 -0.24 0.00 | 25.53 0.41 0.00 | 20.68 0.59 0.00 |
| DUNKIRK___3 23565 | 25.29 -0.27 0.00 | 24.45 -0.30 0.00 | 20.69 -0.31 0.00 | 18.36 -0.31 0.00 | 16.46 -0.37 0.00 | 13.10 -0.29 0.00 | 16.17 -0.37 0.00 | 15.78 -0.18 0.00 | 15.20 0.13 0.00 | 14.04 0.11 0.00 | 14.25 0.13 0.00 | 15.44 0.12 0.00 | 16.03 0.13 0.00 | 16.23 0.06 0.00 | 16.92 0.09 0.00 | 19.37 0.19 0.00 | 21.54 -0.01 0.00 | 24.17 -0.10 0.00 | 23.56 -0.35 0.00 | 29.01 -0.41 0.00 | 29.39 -0.27 0.00 | 26.90 -0.32 0.00 | 25.45 0.33 0.00 | 20.61 0.52 0.00 |
| DUNKIRK___4 23566 | 25.29 -0.27 0.00 | 24.45 -0.30 0.00 | 20.69 -0.31 0.00 | 18.36 -0.31 0.00 | 16.46 -0.37 0.00 | 13.10 -0.29 0.00 | 16.17 -0.37 0.00 | 15.78 -0.18 0.00 | 15.20 0.13 0.00 | 14.04 0.11 0.00 | 14.25 0.13 0.00 | 15.44 0.12 0.00 | 16.03 0.13 0.00 | 16.23 0.06 0.00 | 16.92 0.09 0.00 | 19.37 0.19 0.00 | 21.54 -0.01 0.00 | 24.17 -0.10 0.00 | 23.56 -0.35 0.00 | 29.01 -0.41 0.00 | 29.39 -0.27 0.00 | 26.90 -0.32 0.00 | 25.45 0.33 0.00 | 20.61 0.52 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 27.58 2.02 0.00 | 26.59 1.84 0.00 | 22.42 1.42 0.00 | 19.91 1.25 0.00 | 17.95 1.13 0.00 | 14.25 0.85 0.00 | 17.45 0.91 0.00 | 16.90 0.94 0.00 | 16.10 1.03 0.00 | 14.92 0.99 0.00 | 15.12 1.01 0.00 | 16.41 1.09 0.00 | 17.09 1.19 0.00 | 17.49 1.32 0.00 | 18.26 1.43 0.00 | 20.90 1.70 -0.03 | 23.42 1.87 0.00 | 26.30 2.02 0.00 | 25.64 1.73 0.00 | 31.35 1.94 0.00 | 31.58 1.92 0.00 | 29.01 1.78 0.00 | 26.59 1.47 0.00 | 21.30 1.21 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 27.36 1.80 0.00 | 26.38 1.63 0.00 | 22.28 1.28 0.00 | 19.78 1.11 0.00 | 17.82 1.00 0.00 | 14.15 0.76 0.00 | 17.35 0.81 0.00 | 16.80 0.83 0.00 | 15.98 0.91 0.00 | 14.79 0.87 0.00 | 15.00 0.89 0.00 | 16.28 0.96 0.00 | 16.96 1.06 0.00 | 17.34 1.17 0.00 | 18.10 1.26 0.00 | 20.71 1.50 -0.02 | 23.24 1.69 0.00 | 26.14 1.86 0.00 | 25.51 1.60 0.00 | 31.22 1.80 0.00 | 31.42 1.76 0.00 | 28.82 1.59 0.00 | 26.40 1.28 0.00 | 21.15 1.06 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 27.79 2.23 0.00 | 26.72 1.98 0.00 | 22.53 1.52 0.00 | 19.98 1.31 0.00 | 18.03 1.20 0.00 | 14.28 0.88 0.00 | 17.49 0.95 0.00 | 16.96 0.99 0.00 | 16.16 1.09 0.00 | 14.97 1.04 0.00 | 15.16 1.05 0.00 | 16.44 1.11 0.00 | 17.15 1.25 0.00 | 17.56 1.39 0.00 | 18.32 1.49 0.00 | 20.98 1.77 -0.03 | 23.50 1.95 0.00 | 26.35 2.08 0.00 | 25.72 1.81 0.00 | 31.45 2.04 0.00 | 31.66 1.99 0.00 | 29.09 1.86 0.00 | 26.65 1.54 0.00 | 21.36 1.27 0.00 |
| E179THST_13_KV_LOAD 356214 | 27.95 2.39 0.00 | 26.87 2.12 0.00 | 22.64 1.64 0.00 | 20.08 1.41 0.00 | 18.11 1.29 0.00 | 14.35 0.95 0.00 | 17.58 1.04 0.00 | 17.04 1.07 0.00 | 16.23 1.17 0.00 | 15.04 1.11 0.00 | 15.24 1.13 0.00 | 16.52 1.20 0.00 | 17.24 1.34 0.00 | 17.65 1.48 0.00 | 18.42 1.59 0.00 | 21.09 1.89 -0.03 | 23.63 2.07 0.00 | 26.50 2.22 0.00 | 25.86 1.96 0.00 | 31.63 2.22 0.00 | 31.83 2.16 0.00 | 29.24 2.02 0.00 | 26.80 1.69 0.00 | 21.48 1.39 0.00 |
| EAST HAMPTON___GT 23717 | 118.96 4.31 -89.09 | 81.14 3.99 -52.40 | 32.38 2.94 -8.44 | 21.51 2.84 0.00 | 19.33 2.50 0.00 | 15.37 1.97 0.00 | 18.72 2.18 0.00 | 18.35 2.38 -0.01 | 17.59 2.51 -0.01 | 16.06 2.14 0.00 | 16.02 1.91 0.00 | 17.47 2.14 0.00 | 18.10 2.20 0.00 | 18.70 2.53 0.00 | 19.64 2.80 0.00 | 22.56 3.35 -0.03 | 25.09 3.54 0.00 | 28.34 4.06 0.00 | 27.63 3.72 0.00 | 33.72 4.31 0.00 | 36.09 4.44 -1.98 | 47.60 4.01 -16.36 | 28.47 3.35 0.00 | 22.67 2.58 0.00 |
| EAST RIVER___6 23660 | 27.76 2.20 0.00 | 26.74 1.99 0.00 | 22.55 1.54 0.00 | 20.02 1.36 0.00 | 18.06 1.23 0.00 | 14.32 0.91 0.00 | 17.53 0.99 0.00 | 16.98 1.01 0.00 | 16.20 1.13 0.00 | 15.00 1.08 0.00 | 15.22 1.11 0.00 | 16.52 1.19 0.00 | 17.22 1.32 0.00 | 17.64 1.47 0.00 | 18.41 1.57 0.00 | 21.05 1.84 -0.03 | 23.55 1.99 0.00 | 26.37 2.10 0.00 | 25.67 1.76 0.00 | 31.39 1.97 0.00 | 31.60 1.94 0.00 | 29.05 1.82 0.00 | 26.63 1.51 0.00 | 21.34 1.25 0.00 |

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| EAST RIVER___7 23524 | 27.76 2.20 0.00 | 26.74 1.99 0.00 | 22.55 1.54 0.00 | 20.02 1.36 0.00 | 18.06 1.23 0.00 | 14.32 0.91 0.00 | 17.53 0.99 0.00 | 16.98 1.01 0.00 | 16.20 1.13 0.00 | 15.00 1.08 0.00 | 15.22 1.11 0.00 | 16.52 1.19 0.00 | 17.22 1.32 0.00 | 17.64 1.47 0.00 | 18.41 1.57 0.00 | 21.05 1.84 -0.03 | 23.55 1.99 0.00 | 26.37 2.10 0.00 | 25.67 1.76 0.00 | 31.39 1.97 0.00 | 31.60 1.94 0.00 | 29.05 1.82 0.00 | 26.63 1.51 0.00 | 21.34 1.25 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 27.52 1.96 0.00 | 26.52 1.78 0.00 | 22.38 1.38 0.00 | 19.87 1.21 0.00 | 17.91 1.09 0.00 | 14.22 0.82 0.00 | 17.42 0.88 0.00 | 16.88 0.91 0.00 | 16.07 1.01 0.00 | 14.88 0.96 0.00 | 15.09 0.97 0.00 | 16.37 1.05 0.00 | 17.06 1.16 0.00 | 17.46 1.28 0.00 | 18.22 1.39 0.00 | 20.85 1.65 -0.03 | 23.37 1.82 0.00 | 26.24 1.96 0.00 | 25.59 1.68 0.00 | 31.30 1.89 0.00 | 31.52 1.86 0.00 | 28.95 1.72 0.00 | 26.53 1.41 0.00 | 21.25 1.16 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 118.97 4.31 -89.09 | 81.14 3.99 -52.40 | 32.38 2.94 -8.44 | 21.51 2.84 0.00 | 19.33 2.51 0.00 | 15.37 1.97 0.00 | 18.72 2.19 0.00 | 18.35 2.38 -0.01 | 17.59 2.51 -0.01 | 16.07 2.14 0.00 | 16.03 1.91 0.00 | 17.47 2.15 0.00 | 18.10 2.20 0.00 | 18.71 2.53 0.00 | 19.64 2.81 0.00 | 22.57 3.36 -0.03 | 25.09 3.54 0.00 | 28.34 4.07 0.00 | 27.65 3.74 0.00 | 33.73 4.32 0.00 | 36.09 4.44 -1.98 | 47.61 4.02 -16.36 | 28.47 3.35 0.00 | 22.67 2.58 0.00 |
| EAST_PULASKI___ESR 323781 | 25.22 -0.34 0.00 | 24.40 -0.34 0.00 | 20.71 -0.29 0.00 | 18.41 -0.25 0.00 | 16.59 -0.23 0.00 | 13.26 -0.14 0.00 | 16.32 -0.22 0.00 | 15.77 -0.20 0.00 | 14.90 -0.17 0.00 | 13.75 -0.18 0.00 | 13.91 -0.20 0.00 | 15.10 -0.22 0.00 | 15.66 -0.24 0.00 | 15.89 -0.28 0.00 | 16.55 -0.29 0.00 | 18.75 -0.43 0.00 | 20.99 -0.56 0.00 | 23.70 -0.57 0.00 | 23.39 -0.52 0.00 | 28.87 -0.54 0.00 | 29.24 -0.43 0.00 | 26.79 -0.44 0.00 | 24.79 -0.33 0.00 | 19.85 -0.24 0.00 |
| EAST_RIVER___1 323558 | 27.71 2.15 0.00 | 26.69 1.95 0.00 | 22.51 1.50 0.00 | 19.98 1.32 0.00 | 18.02 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.18 1.11 0.00 | 14.99 1.06 0.00 | 15.20 1.09 0.00 | 16.50 1.17 0.00 | 17.19 1.29 0.00 | 17.60 1.42 0.00 | 18.37 1.54 0.00 | 21.02 1.81 -0.03 | 23.54 1.98 0.00 | 26.38 2.11 0.00 | 25.69 1.78 0.00 | 31.41 2.00 0.00 | 31.63 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| EAST_RIVER___2 323559 | 27.76 2.20 0.00 | 26.74 1.99 0.00 | 22.55 1.54 0.00 | 20.02 1.36 0.00 | 18.06 1.23 0.00 | 14.32 0.91 0.00 | 17.53 0.99 0.00 | 16.98 1.01 0.00 | 16.20 1.13 0.00 | 15.00 1.08 0.00 | 15.22 1.11 0.00 | 16.52 1.19 0.00 | 17.22 1.32 0.00 | 17.64 1.47 0.00 | 18.41 1.57 0.00 | 21.05 1.84 -0.03 | 23.55 1.99 0.00 | 26.37 2.10 0.00 | 25.67 1.76 0.00 | 31.39 1.97 0.00 | 31.60 1.94 0.00 | 29.05 1.82 0.00 | 26.63 1.51 0.00 | 21.34 1.25 0.00 |
| EAST___DELAWARE_HYD 23607 | 26.94 1.38 0.00 | 25.91 1.17 0.00 | 21.87 0.87 0.00 | 19.39 0.72 0.00 | 17.45 0.62 0.00 | 13.87 0.47 0.00 | 17.01 0.47 0.00 | 16.47 0.50 0.00 | 15.64 0.57 0.00 | 14.30 0.38 0.00 | 14.71 0.60 0.00 | 15.91 0.59 0.00 | 16.58 0.68 0.00 | 16.94 0.77 0.00 | 17.68 0.85 0.00 | 20.23 1.03 -0.01 | 22.81 1.26 0.00 | 25.75 1.48 0.00 | 25.30 1.39 0.00 | 31.06 1.65 0.00 | 31.25 1.59 0.00 | 28.63 1.40 0.00 | 26.19 1.07 0.00 | 20.92 0.83 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 25.74 0.18 0.00 | 24.85 0.10 0.00 | 21.02 0.02 0.00 | 18.53 -0.14 0.00 | 16.40 -0.43 0.00 | 13.05 -0.35 0.00 | 16.12 -0.41 0.00 | 15.84 -0.13 0.00 | 15.26 0.19 0.00 | 14.08 0.15 0.00 | 14.13 0.01 0.00 | 15.36 0.04 0.00 | 15.99 0.09 0.00 | 16.24 0.06 0.00 | 16.88 0.05 0.00 | 19.37 0.19 0.00 | 21.68 0.13 0.00 | 24.48 0.21 0.00 | 24.04 0.13 0.00 | 29.67 0.25 0.00 | 30.11 0.45 0.00 | 27.56 0.33 0.00 | 25.80 0.68 0.00 | 20.70 0.61 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 25.23 -0.33 0.00 | 24.43 -0.32 0.00 | 20.73 -0.27 0.00 | 18.43 -0.24 0.00 | 16.58 -0.24 0.00 | 13.24 -0.16 0.00 | 16.30 -0.24 0.00 | 15.77 -0.19 0.00 | 14.95 -0.12 0.00 | 13.80 -0.12 0.00 | 14.01 -0.10 0.00 | 15.21 -0.11 0.00 | 15.75 -0.15 0.00 | 16.01 -0.16 0.00 | 16.67 -0.17 0.00 | 19.03 -0.15 0.00 | 21.35 -0.21 0.00 | 24.10 -0.18 0.00 | 23.70 -0.21 0.00 | 29.15 -0.26 0.00 | 29.43 -0.23 0.00 | 26.99 -0.23 0.00 | 24.96 -0.15 0.00 | 20.02 -0.07 0.00 |
| ELEC_TRO_TEK 24086 | 117.07 2.41 -89.09 | 79.39 2.24 -52.40 | 31.04 1.60 -8.44 | 20.18 1.51 0.00 | 18.17 1.34 0.00 | 14.44 1.04 0.00 | 17.67 1.13 0.00 | 17.15 1.19 0.00 | 16.34 1.28 0.00 | 15.05 1.13 0.00 | 15.17 1.06 0.00 | 16.49 1.17 0.00 | 17.16 1.25 0.00 | 17.63 1.46 0.00 | 18.46 1.62 0.00 | 21.11 1.91 -0.03 | 23.54 1.99 0.00 | 26.54 2.27 0.00 | 25.84 1.93 0.00 | 31.62 2.21 0.00 | 33.90 2.26 -1.98 | 45.76 2.17 -16.36 | 26.93 1.81 0.00 | 21.55 1.46 0.00 |
| ELLENBURG_WT_PWR 323604 | 25.57 0.01 0.00 | 24.77 0.03 0.00 | 21.12 0.12 0.00 | 18.75 0.09 0.00 | 16.86 0.03 0.00 | 13.41 0.01 0.00 | 16.68 0.14 0.00 | 16.11 0.14 0.00 | 15.17 0.10 0.00 | 13.94 0.01 0.00 | 14.17 0.06 0.00 | 15.39 0.07 0.00 | 15.90 -0.01 0.00 | 16.11 -0.06 0.00 | 16.73 -0.11 0.00 | 19.05 -0.13 0.00 | 21.41 -0.14 0.00 | 24.18 -0.09 0.00 | 23.85 -0.06 0.00 | 29.45 0.04 0.00 | 29.65 -0.02 0.00 | 27.24 0.01 0.00 | 25.49 0.38 0.00 | 19.98 -0.11 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 25.05 -0.51 0.00 | 24.27 -0.48 0.00 | 20.55 -0.45 0.00 | 18.25 -0.42 0.00 | 16.34 -0.49 0.00 | 13.00 -0.40 0.00 | 16.05 -0.49 0.00 | 15.63 -0.34 0.00 | 15.05 -0.02 0.00 | 13.87 -0.05 0.00 | 14.09 -0.03 0.00 | 15.27 -0.05 0.00 | 15.84 -0.06 0.00 | 16.00 -0.18 0.00 | 16.68 -0.16 0.00 | 19.01 -0.17 0.00 | 21.17 -0.38 0.00 | 23.73 -0.55 0.00 | 23.21 -0.69 0.00 | 28.66 -0.76 0.00 | 29.07 -0.59 0.00 | 26.74 -0.49 0.00 | 25.35 0.23 0.00 | 20.56 0.47 0.00 |
| EMPIRE_CC_1 323656 | 26.45 0.88 0.00 | 25.61 0.87 0.00 | 21.74 0.73 0.00 | 19.30 0.63 0.00 | 17.42 0.60 0.00 | 13.84 0.44 0.00 | 16.96 0.42 0.00 | 16.29 0.33 0.00 | 15.39 0.32 0.00 | 14.25 0.32 0.00 | 14.44 0.33 0.00 | 15.62 0.30 0.00 | 16.22 0.32 0.00 | 16.52 0.35 0.00 | 17.19 0.35 0.00 | 19.53 0.39 0.05 | 22.08 0.52 0.00 | 24.84 0.57 0.00 | 24.48 0.57 0.00 | 30.03 0.62 0.00 | 30.26 0.59 0.00 | 27.83 0.60 0.00 | 25.49 0.37 0.00 | 20.53 0.44 0.00 |
| EMPIRE_CC_2 323658 | 26.45 0.88 0.00 | 25.61 0.87 0.00 | 21.74 0.73 0.00 | 19.30 0.63 0.00 | 17.42 0.60 0.00 | 13.84 0.44 0.00 | 16.96 0.42 0.00 | 16.29 0.33 0.00 | 15.39 0.32 0.00 | 14.25 0.32 0.00 | 14.44 0.33 0.00 | 15.62 0.30 0.00 | 16.22 0.32 0.00 | 16.52 0.35 0.00 | 17.19 0.35 0.00 | 19.53 0.39 0.05 | 22.08 0.52 0.00 | 24.84 0.57 0.00 | 24.48 0.57 0.00 | 30.03 0.62 0.00 | 30.26 0.59 0.00 | 27.83 0.60 0.00 | 25.49 0.37 0.00 | 20.53 0.44 0.00 |
| ENORWICH_115KV_TB1 80156 | 27.10 1.53 0.00 | 26.19 1.44 0.00 | 22.22 1.22 0.00 | 19.75 1.08 0.00 | 17.79 0.97 0.00 | 14.19 0.79 0.00 | 17.49 0.95 0.00 | 16.97 1.00 0.00 | 15.98 0.91 0.00 | 14.65 0.72 0.00 | 14.79 0.68 0.00 | 16.05 0.72 0.00 | 16.67 0.77 0.00 | 16.97 0.79 0.00 | 17.67 0.83 0.00 | 20.30 1.12 0.00 | 22.74 1.18 0.00 | 25.78 1.51 0.00 | 25.59 1.68 0.00 | 31.65 2.24 0.00 | 31.97 2.30 0.00 | 29.22 1.99 0.00 | 26.91 1.80 0.00 | 21.47 1.38 0.00 |

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| ERIE_ST__34_KV_TB1-2 80199 | 25.26 -0.31 0.00 | 24.44 -0.30 0.00 | 20.68 -0.32 0.00 | 18.36 -0.31 0.00 | 16.45 -0.38 0.00 | 13.09 -0.31 0.00 | 16.15 -0.39 0.00 | 15.75 -0.22 0.00 | 15.15 0.08 0.00 | 13.98 0.06 0.00 | 14.20 0.09 0.00 | 15.40 0.08 0.00 | 15.98 0.07 0.00 | 16.17 0.00 0.00 | 16.86 0.02 0.00 | 19.25 0.07 0.00 | 21.45 -0.10 0.00 | 24.08 -0.20 0.00 | 23.53 -0.37 0.00 | 29.02 -0.39 0.00 | 29.40 -0.27 0.00 | 27.03 -0.20 0.00 | 25.57 0.45 0.00 | 20.70 0.61 0.00 |
| ERIE_WT_PWR 323693 | 25.20 -0.36 0.00 | 24.39 -0.35 0.00 | 20.65 -0.35 0.00 | 18.33 -0.34 0.00 | 16.41 -0.41 0.00 | 13.06 -0.34 0.00 | 16.13 -0.41 0.00 | 15.71 -0.26 0.00 | 15.12 0.05 0.00 | 13.98 0.06 0.00 | 14.15 0.03 0.00 | 15.35 0.03 0.00 | 15.94 0.03 0.00 | 16.10 -0.08 0.00 | 16.77 -0.06 0.00 | 19.15 -0.03 0.00 | 21.31 -0.24 0.00 | 23.91 -0.37 0.00 | 23.38 -0.53 0.00 | 28.86 -0.55 0.00 | 29.26 -0.40 0.00 | 26.89 -0.34 0.00 | 25.47 0.35 0.00 | 20.65 0.57 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 26.90 1.34 0.00 | 26.01 1.27 0.00 | 22.06 1.06 0.00 | 19.63 0.96 0.00 | 17.65 0.82 0.00 | 14.06 0.66 0.00 | 17.41 0.87 0.00 | 16.85 0.88 0.00 | 15.91 0.84 0.00 | 14.65 0.72 0.00 | 14.89 0.78 0.00 | 16.16 0.84 0.00 | 16.79 0.89 0.00 | 17.06 0.89 0.00 | 17.78 0.95 0.00 | 20.20 1.03 0.01 | 22.68 1.12 0.00 | 25.55 1.28 0.00 | 25.25 1.34 0.00 | 31.17 1.76 0.00 | 31.51 1.84 0.00 | 28.88 1.65 0.00 | 26.71 1.59 0.00 | 21.36 1.27 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 25.90 0.34 0.00 | 25.05 0.30 0.00 | 21.25 0.25 0.00 | 18.87 0.20 0.00 | 17.00 0.17 0.00 | 13.56 0.16 0.00 | 16.70 0.16 0.00 | 16.17 0.20 0.00 | 15.30 0.23 0.00 | 14.11 0.18 0.00 | 14.28 0.17 0.00 | 15.49 0.16 0.00 | 16.07 0.16 0.00 | 16.34 0.16 0.00 | 17.03 0.19 0.00 | 19.47 0.29 0.00 | 21.83 0.27 0.00 | 24.66 0.39 0.00 | 24.33 0.42 0.00 | 30.00 0.59 0.00 | 30.31 0.65 0.00 | 27.76 0.53 0.00 | 25.65 0.53 0.00 | 20.53 0.45 0.00 |
| ETNA____115KV_TB2 80207 | 25.90 0.34 0.00 | 25.05 0.30 0.00 | 21.25 0.25 0.00 | 18.87 0.20 0.00 | 17.00 0.17 0.00 | 13.56 0.16 0.00 | 16.70 0.16 0.00 | 16.17 0.20 0.00 | 15.30 0.23 0.00 | 14.11 0.18 0.00 | 14.28 0.17 0.00 | 15.49 0.16 0.00 | 16.07 0.16 0.00 | 16.34 0.16 0.00 | 17.03 0.19 0.00 | 19.47 0.29 0.00 | 21.83 0.27 0.00 | 24.66 0.39 0.00 | 24.33 0.42 0.00 | 30.00 0.59 0.00 | 30.31 0.65 0.00 | 27.76 0.53 0.00 | 25.65 0.53 0.00 | 20.53 0.45 0.00 |
| EUCLID____115KV_TB2 356179 | 25.03 -0.54 0.00 | 24.22 -0.52 0.00 | 20.58 -0.42 0.00 | 18.30 -0.37 0.00 | 16.49 -0.33 0.00 | 13.16 -0.24 0.00 | 16.20 -0.34 0.00 | 15.66 -0.31 0.00 | 14.83 -0.24 0.00 | 13.72 -0.20 0.00 | 13.92 -0.20 0.00 | 15.10 -0.22 0.00 | 15.66 -0.25 0.00 | 15.91 -0.27 0.00 | 16.56 -0.28 0.00 | 18.87 -0.32 0.00 | 21.17 -0.39 0.00 | 23.87 -0.41 0.00 | 23.50 -0.41 0.00 | 28.92 -0.49 0.00 | 29.19 -0.48 0.00 | 26.75 -0.48 0.00 | 24.75 -0.37 0.00 | 19.86 -0.23 0.00 |
| E_CANADA_CAP_HY 24051 | 27.31 1.75 0.00 | 26.40 1.66 0.00 | 22.38 1.38 0.00 | 19.91 1.25 0.00 | 17.90 1.07 0.00 | 14.25 0.85 0.00 | 17.65 1.11 0.00 | 17.06 1.10 0.00 | 16.08 1.01 0.00 | 14.77 0.85 0.00 | 15.03 0.92 0.00 | 16.31 0.99 0.00 | 16.95 1.04 0.00 | 17.20 1.02 0.00 | 17.91 1.08 0.00 | 20.29 1.12 0.02 | 22.80 1.25 0.00 | 25.71 1.44 0.00 | 25.45 1.54 0.00 | 31.45 2.04 0.00 | 31.85 2.19 0.00 | 29.24 2.01 0.00 | 27.04 1.93 0.00 | 21.63 1.54 0.00 |
| E_CANADA_MHWK_HY 24050 | 25.84 0.27 0.00 | 24.90 0.15 0.00 | 21.09 0.09 0.00 | 18.74 0.07 0.00 | 16.96 0.14 0.00 | 13.51 0.10 0.00 | 16.49 -0.04 0.00 | 15.83 -0.13 0.00 | 14.87 -0.20 0.00 | 13.77 -0.16 0.00 | 13.86 -0.26 0.00 | 15.09 -0.23 0.00 | 15.71 -0.19 0.00 | 16.06 -0.12 0.00 | 16.69 -0.14 0.00 | 19.15 -0.04 0.00 | 21.54 -0.02 0.00 | 24.37 0.10 0.00 | 24.05 0.14 0.00 | 29.62 0.20 0.00 | 29.84 0.18 0.00 | 27.34 0.11 0.00 | 24.94 -0.17 0.00 | 20.02 -0.08 0.00 |
| E_FISHKILL____LBMP 23776 | 27.27 1.71 0.00 | 26.31 1.56 0.00 | 22.22 1.22 0.00 | 19.74 1.07 0.00 | 17.80 0.97 0.00 | 14.13 0.73 0.00 | 17.31 0.77 0.00 | 16.75 0.78 0.00 | 15.92 0.85 0.00 | 14.74 0.81 0.00 | 14.94 0.83 0.00 | 16.22 0.90 0.00 | 16.89 0.98 0.00 | 17.26 1.09 0.00 | 18.01 1.17 0.00 | 20.59 1.38 -0.03 | 23.09 1.53 0.00 | 25.95 1.67 0.00 | 25.35 1.44 0.00 | 31.02 1.61 0.00 | 31.25 1.58 0.00 | 28.69 1.46 0.00 | 26.29 1.17 0.00 | 21.08 0.99 0.00 |
| FALCON____SEABRD_CC1 323796 | 25.78 0.22 0.00 | 24.95 0.21 0.00 | 21.31 0.30 0.00 | 18.91 0.25 0.00 | 17.00 0.17 0.00 | 13.52 0.11 0.00 | 16.80 0.26 0.00 | 16.22 0.25 0.00 | 15.29 0.22 0.00 | 14.05 0.12 0.00 | 14.31 0.19 0.00 | 15.53 0.21 0.00 | 16.05 0.15 0.00 | 16.28 0.10 0.00 | 16.89 0.06 0.00 | 19.26 0.08 0.00 | 21.66 0.10 0.00 | 24.49 0.21 0.00 | 24.18 0.26 0.00 | 29.85 0.44 0.00 | 30.06 0.39 0.00 | 27.54 0.31 0.00 | 25.82 0.71 0.00 | 20.24 0.15 0.00 |
| FALCON____SEABRD_CC2 323797 | 25.78 0.22 0.00 | 24.95 0.21 0.00 | 21.31 0.30 0.00 | 18.91 0.25 0.00 | 17.00 0.17 0.00 | 13.52 0.11 0.00 | 16.80 0.26 0.00 | 16.22 0.25 0.00 | 15.29 0.22 0.00 | 14.05 0.12 0.00 | 14.31 0.19 0.00 | 15.53 0.21 0.00 | 16.05 0.15 0.00 | 16.28 0.10 0.00 | 16.89 0.06 0.00 | 19.26 0.08 0.00 | 21.66 0.10 0.00 | 24.49 0.21 0.00 | 24.18 0.26 0.00 | 29.85 0.44 0.00 | 30.06 0.39 0.00 | 27.54 0.31 0.00 | 25.82 0.71 0.00 | 20.24 0.15 0.00 |
| FAR ROCKAWAY____4 23548 | 117.24 2.58 -89.09 | 79.70 2.55 -52.40 | 31.38 1.94 -8.44 | 20.51 1.84 0.00 | 18.46 1.63 0.00 | 14.67 1.27 0.00 | 17.93 1.39 0.00 | 17.41 1.45 0.00 | 16.59 1.52 0.00 | 15.29 1.36 0.00 | 15.39 1.28 0.00 | 16.74 1.41 0.00 | 17.42 1.52 0.00 | 17.92 1.74 0.00 | 18.76 1.93 0.00 | 21.47 2.26 -0.03 | 23.87 2.32 0.00 | 26.92 2.65 0.00 | 26.21 2.30 0.00 | 32.06 2.65 0.00 | 34.34 2.69 -1.98 | 46.17 2.58 -16.36 | 27.31 2.20 0.00 | 21.92 1.83 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 27.73 2.17 0.00 | 26.70 1.96 0.00 | 22.52 1.52 0.00 | 19.99 1.32 0.00 | 18.03 1.20 0.00 | 14.30 0.90 0.00 | 17.51 0.98 0.00 | 16.97 1.00 0.00 | 16.19 1.12 0.00 | 15.01 1.08 0.00 | 15.21 1.10 0.00 | 16.51 1.19 0.00 | 17.21 1.30 0.00 | 17.61 1.44 0.00 | 18.38 1.55 0.00 | 21.03 1.82 -0.03 | 23.56 2.00 0.00 | 26.40 2.13 0.00 | 25.71 1.80 0.00 | 31.44 2.03 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 27.76 2.20 0.00 | 26.73 1.99 0.00 | 22.54 1.54 0.00 | 20.01 1.34 0.00 | 18.04 1.22 0.00 | 14.32 0.91 0.00 | 17.52 0.99 0.00 | 16.98 1.02 0.00 | 16.20 1.13 0.00 | 15.02 1.09 0.00 | 15.22 1.11 0.00 | 16.52 1.19 0.00 | 17.21 1.31 0.00 | 17.62 1.45 0.00 | 18.39 1.56 0.00 | 21.05 1.84 -0.03 | 23.57 2.02 0.00 | 26.42 2.15 0.00 | 25.73 1.82 0.00 | 31.47 2.06 0.00 | 31.69 2.02 0.00 | 29.12 1.90 0.00 | 26.70 1.59 0.00 | 21.39 1.30 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 27.71 2.15 0.00 | 26.69 1.95 0.00 | 22.51 1.51 0.00 | 19.98 1.32 0.00 | 18.02 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 1.00 0.00 | 16.18 1.11 0.00 | 15.00 1.07 0.00 | 15.20 1.09 0.00 | 16.50 1.18 0.00 | 17.19 1.29 0.00 | 17.60 1.43 0.00 | 18.37 1.54 0.00 | 21.02 1.81 -0.03 | 23.54 1.98 0.00 | 26.39 2.11 0.00 | 25.70 1.79 0.00 | 31.42 2.01 0.00 | 31.64 1.98 0.00 | 29.08 1.86 0.00 | 26.66 1.54 0.00 | 21.35 1.26 0.00 |

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| FARRAGUT___LBMP 323566 | 27.69 2.12 0.00 | 26.67 1.92 0.00 | 22.49 1.49 0.00 | 19.97 1.30 0.00 | 18.01 1.18 0.00 | 14.28 0.88 0.00 | 17.49 0.95 0.00 | 16.95 0.98 0.00 | 16.16 1.10 0.00 | 14.98 1.06 0.00 | 15.19 1.08 0.00 | 16.49 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 21.00 1.79 -0.03 | 23.52 1.96 0.00 | 26.36 2.09 0.00 | 25.68 1.77 0.00 | 31.40 1.98 0.00 | 31.62 1.95 0.00 | 29.06 1.83 0.00 | 26.64 1.53 0.00 | 21.34 1.25 0.00 |
| FENNER___WINDPWR 24204 | 25.89 0.32 0.00 | 25.05 0.30 0.00 | 21.26 0.26 0.00 | 18.89 0.22 0.00 | 17.02 0.19 0.00 | 13.57 0.17 0.00 | 16.72 0.18 0.00 | 16.16 0.19 0.00 | 15.26 0.19 0.00 | 14.10 0.17 0.00 | 14.27 0.16 0.00 | 15.50 0.17 0.00 | 16.10 0.20 0.00 | 16.37 0.20 0.00 | 17.06 0.22 0.00 | 19.46 0.28 0.00 | 21.84 0.29 0.00 | 24.64 0.37 0.00 | 24.30 0.39 0.00 | 29.98 0.57 0.00 | 30.26 0.60 0.00 | 27.71 0.48 0.00 | 25.57 0.45 0.00 | 20.44 0.35 0.00 |
| FIBERTEK___ENERGY 23856 | 25.32 -0.24 0.00 | 24.50 -0.24 0.00 | 20.80 -0.20 0.00 | 18.49 -0.18 0.00 | 16.66 -0.16 0.00 | 13.30 -0.10 0.00 | 16.37 -0.17 0.00 | 15.83 -0.14 0.00 | 14.99 -0.07 0.00 | 13.86 -0.06 0.00 | 14.06 -0.05 0.00 | 15.27 -0.05 0.00 | 15.82 -0.08 0.00 | 16.08 -0.09 0.00 | 16.74 -0.09 0.00 | 19.10 -0.08 0.00 | 21.44 -0.11 0.00 | 24.18 -0.09 0.00 | 23.81 -0.10 0.00 | 29.29 -0.12 0.00 | 29.56 -0.11 0.00 | 27.09 -0.14 0.00 | 25.05 -0.07 0.00 | 20.09 0.00 0.00 |
| FITZPATRICK____ 23598 | 24.69 -0.87 0.00 | 23.89 -0.85 0.00 | 20.29 -0.71 0.00 | 18.04 -0.63 0.00 | 16.27 -0.55 0.00 | 12.98 -0.42 0.00 | 15.98 -0.56 0.00 | 15.44 -0.52 0.00 | 14.62 -0.45 0.00 | 13.53 -0.40 0.00 | 13.70 -0.41 0.00 | 14.88 -0.45 0.00 | 15.43 -0.48 0.00 | 15.67 -0.50 0.00 | 16.31 -0.52 0.00 | 18.57 -0.61 0.00 | 20.84 -0.71 0.00 | 23.49 -0.79 0.00 | 23.13 -0.78 0.00 | 28.46 -0.95 0.00 | 28.72 -0.95 0.00 | 26.34 -0.88 0.00 | 24.36 -0.76 0.00 | 19.53 -0.56 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 117.64 2.98 -89.09 | 79.96 2.81 -52.40 | 31.44 2.00 -8.44 | 20.62 1.95 0.00 | 18.55 1.72 0.00 | 14.77 1.37 0.00 | 18.02 1.48 0.00 | 17.60 1.63 -0.01 | 16.78 1.71 -0.01 | 15.34 1.42 0.00 | 15.33 1.22 0.00 | 16.68 1.36 0.00 | 17.32 1.42 0.00 | 17.87 1.70 0.00 | 18.75 1.92 0.00 | 21.50 2.29 -0.03 | 23.91 2.35 0.00 | 27.05 2.77 0.00 | 26.35 2.44 0.00 | 32.21 2.80 0.00 | 34.54 2.89 -1.98 | 46.31 2.72 -16.36 | 27.39 2.27 0.00 | 21.90 1.81 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 27.63 2.06 0.00 | 26.64 1.89 0.00 | 22.50 1.50 0.00 | 19.97 1.30 0.00 | 18.00 1.17 0.00 | 14.29 0.89 0.00 | 17.51 0.97 0.00 | 16.95 0.99 0.00 | 16.12 1.05 0.00 | 14.92 1.00 0.00 | 15.14 1.03 0.00 | 16.44 1.12 0.00 | 17.13 1.22 0.00 | 17.50 1.33 0.00 | 18.27 1.44 0.00 | 20.91 1.71 -0.02 | 23.48 1.93 0.00 | 26.43 2.15 0.00 | 25.81 1.90 0.00 | 31.57 2.16 0.00 | 31.77 2.11 0.00 | 29.14 1.91 0.00 | 26.68 1.56 0.00 | 21.36 1.27 0.00 |
| FORT ORANGE____ 23900 | 26.42 0.86 0.00 | 25.57 0.82 0.00 | 21.69 0.69 0.00 | 19.26 0.59 0.00 | 17.39 0.56 0.00 | 13.83 0.43 0.00 | 16.95 0.42 0.00 | 16.31 0.34 0.00 | 15.40 0.33 0.00 | 14.24 0.32 0.00 | 14.44 0.32 0.00 | 15.64 0.32 0.00 | 16.24 0.34 0.00 | 16.56 0.38 0.00 | 17.24 0.40 0.00 | 19.64 0.48 0.02 | 22.16 0.60 0.00 | 24.98 0.70 0.00 | 24.60 0.70 0.00 | 30.22 0.80 0.00 | 30.46 0.79 0.00 | 27.97 0.74 0.00 | 25.63 0.51 0.00 | 20.55 0.46 0.00 |
| FORT_DRUM_COGEN 23780 | 26.18 0.62 0.00 | 25.25 0.51 0.00 | 21.41 0.41 0.00 | 19.04 0.37 0.00 | 17.11 0.28 0.00 | 13.75 0.35 0.00 | 16.92 0.38 0.00 | 16.31 0.34 0.00 | 15.33 0.26 0.00 | 14.04 0.12 0.00 | 14.13 0.02 0.00 | 15.38 0.06 0.00 | 15.96 0.06 0.00 | 16.13 -0.04 0.00 | 16.85 0.01 0.00 | 19.06 -0.12 0.00 | 21.35 -0.20 0.00 | 24.18 -0.09 0.00 | 23.93 0.02 0.00 | 29.77 0.36 0.00 | 30.22 0.56 0.00 | 27.58 0.35 0.00 | 25.35 0.24 0.00 | 20.13 0.04 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 117.24 2.58 -89.09 | 79.70 2.55 -52.40 | 31.38 1.94 -8.44 | 20.51 1.84 0.00 | 18.46 1.64 0.00 | 14.67 1.27 0.00 | 17.93 1.39 0.00 | 17.41 1.45 0.00 | 16.59 1.52 0.00 | 15.28 1.36 0.00 | 15.39 1.28 0.00 | 16.74 1.41 0.00 | 17.42 1.51 0.00 | 17.92 1.74 0.00 | 18.76 1.93 0.00 | 21.46 2.26 -0.03 | 23.88 2.32 0.00 | 26.92 2.65 0.00 | 26.21 2.30 0.00 | 32.06 2.65 0.00 | 34.34 2.70 -1.98 | 46.17 2.58 -16.36 | 27.32 2.20 0.00 | 21.92 1.83 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 117.24 2.58 -89.09 | 79.70 2.55 -52.40 | 31.38 1.94 -8.44 | 20.51 1.84 0.00 | 18.46 1.64 0.00 | 14.67 1.27 0.00 | 17.93 1.39 0.00 | 17.41 1.45 0.00 | 16.59 1.52 0.00 | 15.28 1.36 0.00 | 15.39 1.28 0.00 | 16.74 1.41 0.00 | 17.42 1.51 0.00 | 17.92 1.74 0.00 | 18.76 1.93 0.00 | 21.46 2.26 -0.03 | 23.88 2.32 0.00 | 26.92 2.65 0.00 | 26.21 2.30 0.00 | 32.06 2.65 0.00 | 34.34 2.70 -1.98 | 46.17 2.58 -16.36 | 27.32 2.20 0.00 | 21.92 1.83 0.00 |
| FRANKLIN_FALL_HYD 24054 | 25.83 0.27 0.00 | 24.98 0.24 0.00 | 21.28 0.28 0.00 | 18.89 0.22 0.00 | 16.98 0.15 0.00 | 13.52 0.12 0.00 | 16.82 0.28 0.00 | 16.22 0.26 0.00 | 15.27 0.20 0.00 | 14.06 0.13 0.00 | 14.27 0.16 0.00 | 15.51 0.18 0.00 | 16.04 0.14 0.00 | 16.26 0.08 0.00 | 16.87 0.03 0.00 | 19.22 0.03 0.00 | 21.61 0.06 0.00 | 24.38 0.11 0.00 | 24.04 0.13 0.00 | 29.73 0.32 0.00 | 30.01 0.34 0.00 | 27.58 0.36 0.00 | 25.70 0.58 0.00 | 20.15 0.06 0.00 |
| FREEPORT_EQUS_GT1 23764 | 117.25 2.59 -89.09 | 79.53 2.38 -52.40 | 31.20 1.75 -8.44 | 20.34 1.67 0.00 | 18.32 1.49 0.00 | 14.56 1.16 0.00 | 17.79 1.25 0.00 | 17.29 1.33 0.00 | 16.48 1.41 0.00 | 15.16 1.24 0.00 | 15.25 1.14 0.00 | 16.59 1.27 0.00 | 17.26 1.36 0.00 | 17.76 1.59 0.00 | 18.62 1.79 0.00 | 21.30 2.10 -0.03 | 23.76 2.20 0.00 | 26.80 2.52 0.00 | 26.11 2.20 0.00 | 31.93 2.52 0.00 | 34.22 2.57 -1.98 | 45.97 2.38 -16.36 | 27.21 2.09 0.00 | 21.75 1.66 0.00 |
| FREEPORT___CT2 23818 | 117.25 2.59 -89.09 | 79.53 2.38 -52.40 | 31.20 1.75 -8.44 | 20.34 1.67 0.00 | 18.32 1.49 0.00 | 14.56 1.16 0.00 | 17.79 1.25 0.00 | 17.29 1.33 0.00 | 16.48 1.41 0.00 | 15.16 1.24 0.00 | 15.25 1.14 0.00 | 16.59 1.27 0.00 | 17.26 1.36 0.00 | 17.76 1.59 0.00 | 18.62 1.79 0.00 | 21.30 2.10 -0.03 | 23.76 2.20 0.00 | 26.80 2.52 0.00 | 26.11 2.20 0.00 | 31.93 2.52 0.00 | 34.22 2.57 -1.98 | 45.97 2.38 -16.36 | 27.21 2.09 0.00 | 21.75 1.66 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 27.73 2.15 -0.03 | 26.70 1.95 0.00 | 22.55 1.55 0.00 | 20.00 1.33 0.00 | 18.03 1.20 0.00 | 14.29 0.90 0.00 | 17.46 0.92 0.00 | 16.92 0.95 0.00 | 16.13 1.06 0.00 | 14.94 1.02 0.00 | 15.15 1.04 0.00 | 16.44 1.11 0.00 | 17.15 1.25 0.00 | 17.57 1.40 0.00 | 18.38 1.54 0.00 | 21.03 1.83 -0.03 | 23.57 2.02 0.00 | 26.43 2.15 0.00 | 25.77 1.85 -0.02 | 31.42 2.01 0.00 | 31.28 1.94 0.33 | 29.10 1.87 0.00 | 26.69 1.58 0.00 | 21.38 1.29 0.00 |
| FULTON COGEN____ 23766 | 25.03 -0.54 0.00 | 24.23 -0.51 0.00 | 20.57 -0.43 0.00 | 18.29 -0.38 0.00 | 16.49 -0.33 0.00 | 13.16 -0.24 0.00 | 16.19 -0.35 0.00 | 15.65 -0.31 0.00 | 14.82 -0.25 0.00 | 13.71 -0.22 0.00 | 13.88 -0.23 0.00 | 15.06 -0.26 0.00 | 15.62 -0.29 0.00 | 15.86 -0.31 0.00 | 16.51 -0.33 0.00 | 18.78 -0.40 0.00 | 21.07 -0.49 0.00 | 23.75 -0.52 0.00 | 23.41 -0.50 0.00 | 28.82 -0.59 0.00 | 29.09 -0.57 0.00 | 26.67 -0.56 0.00 | 24.67 -0.45 0.00 | 19.80 -0.29 0.00 |

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| FULTON___LFGE 323630 | 28.43 2.87 0.00 | 27.40 2.66 0.00 | 23.19 2.19 0.00 | 20.61 1.94 0.00 | 18.52 1.69 0.00 | 14.74 1.33 0.00 | 18.17 1.63 0.00 | 17.35 1.38 0.00 | 16.07 1.00 0.00 | 14.79 0.86 0.00 | 14.96 0.84 0.00 | 16.19 0.87 0.00 | 16.82 0.92 0.00 | 17.17 1.00 0.00 | 17.74 0.91 0.00 | 20.52 1.36 0.02 | 22.80 1.25 0.00 | 26.03 1.76 0.00 | 26.22 2.31 0.00 | 32.85 3.44 0.00 | 33.29 3.63 0.00 | 30.51 3.28 0.00 | 28.02 2.90 0.00 | 22.37 2.28 0.00 |
| G.F.CEMENT___DRP 24184 | 27.25 1.68 0.00 | 26.28 1.53 0.00 | 22.34 1.34 0.00 | 19.78 1.11 0.00 | 17.78 0.96 0.00 | 14.10 0.69 0.00 | 17.23 0.69 0.00 | 16.61 0.64 0.00 | 15.71 0.65 0.00 | 14.51 0.59 0.00 | 14.63 0.52 0.00 | 15.90 0.57 0.00 | 16.49 0.58 0.00 | 16.77 0.60 0.00 | 17.42 0.58 0.00 | 19.89 0.74 0.03 | 22.57 1.01 0.00 | 25.62 1.34 0.00 | 25.47 1.56 0.00 | 31.27 1.86 0.00 | 31.44 1.78 0.00 | 28.69 1.47 0.00 | 26.26 1.14 0.00 | 21.07 0.98 0.00 |
| GARDENVILLE___LBMP 24039 | 25.13 -0.44 0.00 | 24.33 -0.42 0.00 | 20.59 -0.41 0.00 | 18.28 -0.39 0.00 | 16.37 -0.46 0.00 | 13.03 -0.37 0.00 | 16.08 -0.46 0.00 | 15.67 -0.30 0.00 | 15.08 0.01 0.00 | 13.91 -0.02 0.00 | 14.13 0.01 0.00 | 15.32 -0.01 0.00 | 15.89 -0.02 0.00 | 16.05 -0.12 0.00 | 16.73 -0.11 0.00 | 19.09 -0.09 0.00 | 21.26 -0.30 0.00 | 23.83 -0.44 0.00 | 23.30 -0.61 0.00 | 28.76 -0.65 0.00 | 29.17 -0.49 0.00 | 26.81 -0.42 0.00 | 25.40 0.28 0.00 | 20.59 0.50 0.00 |
| GARDNVLA_35_KV_LD 355827 | 25.21 -0.36 0.00 | 24.40 -0.34 0.00 | 20.66 -0.35 0.00 | 18.34 -0.33 0.00 | 16.42 -0.41 0.00 | 13.07 -0.33 0.00 | 16.13 -0.41 0.00 | 15.72 -0.25 0.00 | 15.13 0.06 0.00 | 13.96 0.03 0.00 | 14.18 0.06 0.00 | 15.38 0.06 0.00 | 15.95 0.05 0.00 | 16.12 -0.05 0.00 | 16.81 -0.02 0.00 | 19.19 0.01 0.00 | 21.36 -0.19 0.00 | 23.95 -0.33 0.00 | 23.43 -0.48 0.00 | 28.92 -0.49 0.00 | 29.32 -0.34 0.00 | 26.95 -0.28 0.00 | 25.52 0.40 0.00 | 20.69 0.60 0.00 |
| GELCKHM___115KV_LOAD 80723 | 25.13 -0.43 0.00 | 24.33 -0.42 0.00 | 20.66 -0.34 0.00 | 18.36 -0.31 0.00 | 16.55 -0.27 0.00 | 13.21 -0.19 0.00 | 16.25 -0.29 0.00 | 15.72 -0.25 0.00 | 14.88 -0.19 0.00 | 13.77 -0.15 0.00 | 13.96 -0.15 0.00 | 15.16 -0.16 0.00 | 15.72 -0.18 0.00 | 15.97 -0.20 0.00 | 16.62 -0.21 0.00 | 18.95 -0.23 0.00 | 21.27 -0.29 0.00 | 23.98 -0.29 0.00 | 23.61 -0.29 0.00 | 29.06 -0.35 0.00 | 29.32 -0.34 0.00 | 26.87 -0.36 0.00 | 24.85 -0.26 0.00 | 19.94 -0.15 0.00 |
| GENERAL___MILLS 23808 | 25.18 -0.39 0.00 | 24.37 -0.38 0.00 | 20.63 -0.37 0.00 | 18.31 -0.35 0.00 | 16.40 -0.43 0.00 | 13.05 -0.35 0.00 | 16.11 -0.43 0.00 | 15.70 -0.27 0.00 | 15.11 0.04 0.00 | 13.94 0.01 0.00 | 14.15 0.04 0.00 | 15.35 0.02 0.00 | 15.92 0.02 0.00 | 16.09 -0.09 0.00 | 16.77 -0.06 0.00 | 19.14 -0.04 0.00 | 21.31 -0.25 0.00 | 23.89 -0.38 0.00 | 23.37 -0.54 0.00 | 28.85 -0.57 0.00 | 29.25 -0.41 0.00 | 26.89 -0.34 0.00 | 25.47 0.35 0.00 | 20.64 0.55 0.00 |
| GE_PLASTICS___DRP 24183 | 26.41 0.85 0.00 | 25.56 0.82 0.00 | 21.68 0.68 0.00 | 19.27 0.60 0.00 | 17.39 0.57 0.00 | 13.83 0.43 0.00 | 16.96 0.42 0.00 | 16.33 0.36 0.00 | 15.42 0.35 0.00 | 14.28 0.35 0.00 | 14.46 0.35 0.00 | 15.68 0.36 0.00 | 16.29 0.39 0.00 | 16.60 0.43 0.00 | 17.29 0.45 0.00 | 19.69 0.53 0.02 | 22.19 0.63 0.00 | 24.99 0.71 0.00 | 24.58 0.67 0.00 | 30.17 0.76 0.00 | 30.40 0.74 0.00 | 27.92 0.69 0.00 | 25.60 0.49 0.00 | 20.55 0.46 0.00 |
| GILBOA___1 23756 | 26.48 0.91 0.00 | 25.69 0.94 0.00 | 21.85 0.84 0.00 | 19.47 0.80 0.00 | 17.55 0.73 0.00 | 13.96 0.55 0.00 | 17.13 0.60 0.00 | 16.48 0.51 0.00 | 15.50 0.43 0.00 | 14.34 0.41 0.00 | 14.54 0.42 0.00 | 15.77 0.45 0.00 | 16.39 0.49 0.00 | 16.71 0.54 0.00 | 17.41 0.57 0.00 | 19.86 0.68 0.00 | 22.33 0.78 0.00 | 25.13 0.85 0.00 | 24.69 0.79 0.00 | 30.31 0.90 0.00 | 30.55 0.88 0.00 | 28.04 0.81 0.00 | 25.76 0.64 0.00 | 20.65 0.56 0.00 |
| GILBOA___2 23757 | 26.48 0.91 0.00 | 25.69 0.94 0.00 | 21.85 0.84 0.00 | 19.47 0.80 0.00 | 17.55 0.73 0.00 | 13.96 0.55 0.00 | 17.13 0.60 0.00 | 16.48 0.51 0.00 | 15.50 0.43 0.00 | 14.34 0.41 0.00 | 14.54 0.42 0.00 | 15.77 0.45 0.00 | 16.39 0.49 0.00 | 16.71 0.54 0.00 | 17.41 0.57 0.00 | 19.86 0.68 0.00 | 22.33 0.78 0.00 | 25.13 0.85 0.00 | 24.69 0.79 0.00 | 30.31 0.90 0.00 | 30.55 0.88 0.00 | 28.04 0.81 0.00 | 25.76 0.64 0.00 | 20.65 0.56 0.00 |
| GILBOA___3 23758 | 26.48 0.91 0.00 | 25.69 0.94 0.00 | 21.85 0.84 0.00 | 19.47 0.80 0.00 | 17.55 0.73 0.00 | 13.96 0.55 0.00 | 17.13 0.60 0.00 | 16.48 0.51 0.00 | 15.50 0.43 0.00 | 14.34 0.41 0.00 | 14.54 0.42 0.00 | 15.77 0.45 0.00 | 16.39 0.49 0.00 | 16.71 0.54 0.00 | 17.41 0.57 0.00 | 19.86 0.68 0.00 | 22.33 0.78 0.00 | 25.13 0.85 0.00 | 24.69 0.79 0.00 | 30.31 0.90 0.00 | 30.55 0.88 0.00 | 28.04 0.81 0.00 | 25.76 0.64 0.00 | 20.65 0.56 0.00 |
| GILBOA___4 23759 | 26.48 0.91 0.00 | 25.69 0.94 0.00 | 21.85 0.84 0.00 | 19.47 0.80 0.00 | 17.55 0.73 0.00 | 13.96 0.55 0.00 | 17.13 0.60 0.00 | 16.48 0.51 0.00 | 15.50 0.43 0.00 | 14.34 0.41 0.00 | 14.54 0.42 0.00 | 15.77 0.45 0.00 | 16.39 0.49 0.00 | 16.71 0.54 0.00 | 17.41 0.57 0.00 | 19.86 0.68 0.00 | 22.33 0.78 0.00 | 25.13 0.85 0.00 | 24.69 0.79 0.00 | 30.31 0.90 0.00 | 30.55 0.88 0.00 | 28.04 0.81 0.00 | 25.76 0.64 0.00 | 20.65 0.56 0.00 |
| GILBOA___ 23599 | 26.48 0.91 0.00 | 25.69 0.94 0.00 | 21.85 0.84 0.00 | 19.47 0.80 0.00 | 17.56 0.73 0.00 | 13.96 0.55 0.00 | 17.14 0.60 0.00 | 16.48 0.51 0.00 | 15.50 0.43 0.00 | 14.35 0.42 0.00 | 14.53 0.42 0.00 | 15.77 0.45 0.00 | 16.39 0.49 0.00 | 16.71 0.54 0.00 | 17.41 0.58 0.00 | 19.86 0.68 0.00 | 22.33 0.77 0.00 | 25.13 0.85 0.00 | 24.69 0.79 0.00 | 30.31 0.90 0.00 | 30.55 0.88 0.00 | 28.04 0.81 0.00 | 25.76 0.64 0.00 | 20.65 0.56 0.00 |
| GINNA___ 23603 | 24.10 -1.46 0.00 | 23.33 -1.42 0.00 | 19.78 -1.22 0.00 | 17.57 -1.09 0.00 | 15.79 -1.04 0.00 | 12.58 -0.82 0.00 | 15.51 -1.03 0.00 | 15.03 -0.94 0.00 | 14.33 -0.74 0.00 | 13.26 -0.67 0.00 | 13.41 -0.70 0.00 | 14.58 -0.74 0.00 | 15.13 -0.77 0.00 | 15.34 -0.83 0.00 | 15.99 -0.84 0.00 | 18.23 -0.95 0.00 | 20.44 -1.11 0.00 | 23.08 -1.20 0.00 | 22.71 -1.19 0.00 | 27.99 -1.42 0.00 | 28.27 -1.40 0.00 | 25.95 -1.27 0.00 | 24.21 -0.91 0.00 | 19.48 -0.61 0.00 |
| GLEN PARK___ 23778 | 26.31 0.75 0.00 | 25.36 0.62 0.00 | 21.51 0.51 0.00 | 19.12 0.45 0.00 | 17.18 0.36 0.00 | 13.81 0.40 0.00 | 16.99 0.45 0.00 | 16.38 0.41 0.00 | 15.38 0.31 0.00 | 14.08 0.15 0.00 | 14.16 0.04 0.00 | 15.40 0.08 0.00 | 15.99 0.09 0.00 | 16.16 -0.01 0.00 | 16.89 0.05 0.00 | 19.10 -0.08 0.00 | 21.39 -0.16 0.00 | 24.26 -0.02 0.00 | 24.03 0.11 0.00 | 29.91 0.50 0.00 | 30.43 0.77 0.00 | 27.77 0.54 0.00 | 25.52 0.40 0.00 | 20.25 0.16 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 27.93 2.36 0.00 | 26.88 2.13 0.00 | 22.66 1.66 0.00 | 20.11 1.45 0.00 | 18.14 1.31 0.00 | 14.38 0.98 0.00 | 17.60 1.06 0.00 | 17.07 1.10 0.00 | 16.27 1.21 0.00 | 15.09 1.16 0.00 | 15.29 1.18 0.00 | 16.58 1.26 0.00 | 17.29 1.39 0.00 | 17.69 1.52 0.00 | 18.48 1.64 0.00 | 21.15 1.94 -0.03 | 23.68 2.13 0.00 | 26.55 2.27 0.00 | 25.85 1.94 0.00 | 31.64 2.22 0.00 | 31.86 2.20 0.00 | 29.29 2.06 0.00 | 26.85 1.73 0.00 | 21.50 1.41 0.00 |

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| GLENWOOD_IC_1_G5 23712 | 117.08 2.42 -89.09 | 79.38 2.23 -52.40 | 31.08 1.64 -8.44 | 20.16 1.49 0.00 | 18.16 1.34 0.00 | 14.43 1.03 0.00 | 17.65 1.12 0.00 | 17.13 1.16 0.00 | 16.32 1.26 0.00 | 15.08 1.15 0.00 | 15.24 1.13 0.00 | 16.57 1.24 0.00 | 17.25 1.35 0.00 | 17.70 1.53 0.00 | 18.51 1.67 0.00 | 21.06 1.85 -0.03 | 23.52 1.97 0.00 | 26.47 2.20 0.00 | 25.79 1.88 0.00 | 31.54 2.13 0.00 | 33.81 2.16 -1.98 | 45.79 2.20 -16.36 | 26.94 1.82 0.00 | 21.56 1.47 0.00 |
| GLENWOOD_IC_2_G1 23688 | 116.89 2.22 -89.09 | 79.20 2.05 -52.40 | 30.97 1.53 -8.44 | 20.05 1.38 0.00 | 18.07 1.24 0.00 | 14.35 0.95 0.00 | 17.56 1.03 0.00 | 17.03 1.07 0.00 | 16.23 1.16 0.00 | 14.99 1.07 0.00 | 15.18 1.06 0.00 | 16.49 1.16 0.00 | 17.16 1.26 0.00 | 17.60 1.42 0.00 | 18.39 1.56 0.00 | 21.03 1.82 -0.03 | 23.52 1.96 0.00 | 26.44 2.16 0.00 | 25.77 1.86 0.00 | 31.52 2.11 0.00 | 33.76 2.11 -1.98 | 45.60 2.01 -16.36 | 26.77 1.65 0.00 | 21.43 1.34 0.00 |
| GLENWOOD_IC_3_G1 23689 | 116.89 2.22 -89.09 | 79.20 2.05 -52.40 | 30.97 1.53 -8.44 | 20.05 1.38 0.00 | 18.07 1.24 0.00 | 14.35 0.95 0.00 | 17.56 1.03 0.00 | 17.03 1.07 0.00 | 16.23 1.16 0.00 | 14.99 1.07 0.00 | 15.18 1.06 0.00 | 16.49 1.16 0.00 | 17.16 1.26 0.00 | 17.60 1.42 0.00 | 18.39 1.56 0.00 | 21.03 1.82 -0.03 | 23.52 1.96 0.00 | 26.44 2.16 0.00 | 25.77 1.86 0.00 | 31.52 2.11 0.00 | 33.76 2.11 -1.98 | 45.60 2.01 -16.36 | 26.77 1.65 0.00 | 21.43 1.34 0.00 |
| GLENWOOD___4 23550 | 117.08 2.42 -89.09 | 79.38 2.23 -52.40 | 31.08 1.64 -8.44 | 20.16 1.49 0.00 | 18.16 1.34 0.00 | 14.43 1.03 0.00 | 17.65 1.12 0.00 | 17.13 1.16 0.00 | 16.32 1.26 0.00 | 15.08 1.15 0.00 | 15.24 1.13 0.00 | 16.57 1.24 0.00 | 17.25 1.35 0.00 | 17.70 1.53 0.00 | 18.51 1.68 0.00 | 21.11 1.90 -0.03 | 23.58 2.03 0.00 | 26.53 2.26 0.00 | 25.85 1.94 0.00 | 31.61 2.20 0.00 | 33.87 2.23 -1.98 | 45.79 2.20 -16.36 | 26.94 1.82 0.00 | 21.56 1.47 0.00 |
| GLENWOOD___5 23614 | 117.08 2.42 -89.09 | 79.38 2.23 -52.40 | 31.08 1.64 -8.44 | 20.16 1.49 0.00 | 18.16 1.34 0.00 | 14.43 1.03 0.00 | 17.65 1.12 0.00 | 17.13 1.16 0.00 | 16.32 1.26 0.00 | 15.08 1.15 0.00 | 15.24 1.13 0.00 | 16.57 1.24 0.00 | 17.25 1.35 0.00 | 17.70 1.53 0.00 | 18.51 1.68 0.00 | 21.11 1.90 -0.03 | 23.58 2.03 0.00 | 26.53 2.26 0.00 | 25.85 1.94 0.00 | 31.61 2.20 0.00 | 33.87 2.23 -1.98 | 45.79 2.20 -16.36 | 26.94 1.82 0.00 | 21.56 1.47 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 118.85 4.19 -89.09 | 81.02 3.87 -52.40 | 32.28 2.84 -8.44 | 21.42 2.76 0.00 | 19.26 2.43 0.00 | 15.31 1.91 0.00 | 18.66 2.12 0.00 | 18.29 2.32 -0.01 | 17.52 2.44 -0.01 | 15.99 2.07 0.00 | 15.94 1.83 0.00 | 17.37 2.05 0.00 | 18.01 2.10 0.00 | 18.61 2.43 0.00 | 19.53 2.70 0.00 | 22.44 3.24 -0.03 | 24.98 3.43 0.00 | 28.24 3.97 0.00 | 27.55 3.64 0.00 | 33.61 4.20 0.00 | 35.93 4.29 -1.98 | 47.48 3.89 -16.36 | 28.36 3.24 0.00 | 22.60 2.51 0.00 |
| GLOBE___DSASP 323697 | 24.42 -1.15 0.00 | 23.72 -1.02 0.00 | 20.11 -0.90 0.00 | 17.88 -0.79 0.00 | 16.00 -0.83 0.00 | 12.72 -0.68 0.00 | 15.72 -0.82 0.00 | 15.27 -0.69 0.00 | 14.70 -0.37 0.00 | 13.53 -0.40 0.00 | 13.74 -0.37 0.00 | 14.89 -0.43 0.00 | 15.43 -0.48 0.00 | 15.54 -0.63 0.00 | 16.17 -0.66 0.00 | 18.31 -0.87 0.00 | 20.39 -1.16 0.00 | 22.82 -1.45 0.00 | 22.35 -1.56 0.00 | 27.61 -1.80 0.00 | 28.07 -1.60 0.00 | 25.89 -1.33 0.00 | 24.75 -0.36 0.00 | 20.18 0.09 0.00 |
| GOETHSLN___LBMP 323567 | 27.57 2.01 0.00 | 26.55 1.81 0.00 | 22.38 1.38 0.00 | 19.87 1.21 0.00 | 17.91 1.09 0.00 | 14.22 0.83 0.00 | 17.42 0.88 0.00 | 16.88 0.91 0.00 | 16.11 1.04 0.00 | 14.94 1.02 0.00 | 15.15 1.04 0.00 | 16.44 1.11 0.00 | 17.14 1.24 0.00 | 17.54 1.37 0.00 | 18.29 1.45 0.00 | 20.93 1.72 -0.03 | 23.44 1.89 0.00 | 26.27 1.99 0.00 | 25.58 1.67 0.00 | 31.28 1.87 0.00 | 31.48 1.81 0.00 | 28.92 1.69 0.00 | 26.51 1.39 0.00 | 21.24 1.15 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 25.38 -0.19 0.00 | 24.56 -0.19 0.00 | 20.81 -0.19 0.00 | 18.49 -0.18 0.00 | 16.59 -0.24 0.00 | 13.21 -0.19 0.00 | 16.29 -0.24 0.00 | 15.79 -0.17 0.00 | 15.09 0.03 0.00 | 13.92 -0.01 0.00 | 14.13 0.02 0.00 | 15.33 0.00 0.00 | 15.92 0.01 0.00 | 16.11 -0.06 0.00 | 16.80 -0.04 0.00 | 19.14 -0.04 0.00 | 21.42 -0.13 0.00 | 24.15 -0.12 0.00 | 23.79 -0.12 0.00 | 29.38 -0.03 0.00 | 29.74 0.07 0.00 | 27.33 0.10 0.00 | 25.62 0.50 0.00 | 20.68 0.59 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 26.55 0.98 0.00 | 25.69 0.94 0.00 | 21.79 0.79 0.00 | 19.38 0.71 0.00 | 17.45 0.62 0.00 | 13.90 0.49 0.00 | 17.14 0.61 0.00 | 16.57 0.61 0.00 | 15.68 0.61 0.00 | 14.48 0.56 0.00 | 14.69 0.58 0.00 | 15.94 0.62 0.00 | 16.57 0.66 0.00 | 16.86 0.68 0.00 | 17.57 0.73 0.00 | 20.02 0.84 0.00 | 22.48 0.92 0.00 | 25.30 1.03 0.00 | 24.96 1.05 0.00 | 30.73 1.32 0.00 | 31.01 1.34 0.00 | 28.41 1.19 0.00 | 26.20 1.08 0.00 | 20.97 0.88 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 25.69 0.13 0.00 | 24.84 0.10 0.00 | 21.07 0.06 0.00 | 18.71 0.04 0.00 | 16.86 0.03 0.00 | 13.44 0.04 0.00 | 16.54 0.00 0.00 | 16.04 0.07 0.00 | 15.22 0.15 0.00 | 14.09 0.16 0.00 | 14.27 0.15 0.00 | 15.48 0.15 0.00 | 16.08 0.17 0.00 | 16.36 0.19 0.00 | 17.04 0.21 0.00 | 19.51 0.33 0.00 | 21.83 0.28 0.00 | 24.58 0.30 0.00 | 24.10 0.19 0.00 | 29.62 0.21 0.00 | 29.90 0.23 0.00 | 27.36 0.13 0.00 | 25.36 0.25 0.00 | 20.35 0.26 0.00 |
| GOUDEY___7 23579 | 25.71 0.15 0.00 | 24.86 0.12 0.00 | 21.08 0.08 0.00 | 18.73 0.06 0.00 | 16.87 0.04 0.00 | 13.45 0.05 0.00 | 16.55 0.01 0.00 | 16.05 0.08 0.00 | 15.24 0.16 0.00 | 14.10 0.17 0.00 | 14.28 0.17 0.00 | 15.49 0.17 0.00 | 16.09 0.19 0.00 | 16.38 0.21 0.00 | 17.06 0.23 0.00 | 19.53 0.35 0.00 | 21.85 0.30 0.00 | 24.61 0.33 0.00 | 24.13 0.22 0.00 | 29.65 0.24 0.00 | 29.93 0.25 0.00 | 27.38 0.15 0.00 | 25.39 0.27 0.00 | 20.36 0.27 0.00 |
| GOUDEY___8 23580 | 25.69 0.13 0.00 | 24.84 0.10 0.00 | 21.07 0.06 0.00 | 18.71 0.04 0.00 | 16.86 0.03 0.00 | 13.44 0.04 0.00 | 16.54 0.00 0.00 | 16.04 0.07 0.00 | 15.22 0.15 0.00 | 14.09 0.16 0.00 | 14.27 0.15 0.00 | 15.48 0.15 0.00 | 16.08 0.17 0.00 | 16.36 0.19 0.00 | 17.04 0.21 0.00 | 19.51 0.33 0.00 | 21.83 0.28 0.00 | 24.58 0.30 0.00 | 24.10 0.19 0.00 | 29.62 0.21 0.00 | 29.90 0.23 0.00 | 27.36 0.13 0.00 | 25.36 0.25 0.00 | 20.35 0.26 0.00 |
| GOWANUS_GT1_1 24077 | 27.92 2.32 -0.03 | 26.83 2.08 0.00 | 22.63 1.62 0.00 | 20.07 1.41 0.00 | 18.10 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.25 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| GOWANUS_GT1_2 24078 | 27.92 2.32 -0.03 | 26.83 2.08 0.00 | 22.63 1.62 0.00 | 20.07 1.41 0.00 | 18.10 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.25 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |

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|------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| GOWANUS_GT1_3 24079 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT1_4 24080 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT1_5 24084 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT1_6 24111 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT1_7 24112 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT1_8 24113 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT2_1 24114 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT2_2 24115 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT2_3 24116 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT2_4 24117 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT2_5 24118 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT2_6 24119 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT2_7 24120 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT2_8 24121 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT3_1 24122 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| GOWANUS_GT3_2 24123 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT3_3 24124 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT3_4 24125 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT3_5 24126 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT3_6 24127 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT3_7 24128 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT3_8 24129 | 27.92 <u>2.32</u> -0.03 | 26.82 <u>2.08</u> 0.00 | 22.63 <u>1.63</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.09 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.26 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT4_1 24130 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT4_2 24131 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT4_3 24132 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT4_4 24133 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT4_5 24134 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT4_6 24135 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT4_7 24136 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |
| GOWANUS_GT4_8 24137 | 27.92 <u>2.32</u> -0.03 | 26.83 <u>2.08</u> 0.00 | 22.63 <u>1.62</u> 0.00 | 20.07 <u>1.41</u> 0.00 | 18.10 <u>1.27</u> 0.00 | 14.35 <u>0.95</u> 0.00 | 17.56 <u>1.02</u> 0.00 | 17.01 <u>1.05</u> 0.00 | 16.23 <u>1.16</u> 0.00 | 15.04 <u>1.11</u> 0.00 | 15.25 <u>1.14</u> 0.00 | 16.54 <u>1.22</u> 0.00 | 17.25 <u>1.34</u> 0.00 | 17.67 <u>1.49</u> 0.00 | 18.45 <u>1.62</u> 0.00 | 21.11 <u>1.91</u> -0.03 | 23.66 <u>2.11</u> 0.00 | 26.52 <u>2.25</u> 0.00 | 25.85 <u>1.93</u> -0.02 | 31.59 <u>2.18</u> 0.00 | 31.81 <u>2.14</u> 0.00 | 29.25 <u>2.02</u> 0.00 | 26.81 <u>1.69</u> 0.00 | 21.47 <u>1.38</u> 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| GREENBSH_115KV_TB3 55895 | 26.28 0.72 0.00 | 25.44 0.69 0.00 | 21.58 0.57 0.00 | 19.16 0.49 0.00 | 17.31 0.48 0.00 | 13.77 0.37 0.00 | 16.87 0.33 0.00 | 16.23 0.27 0.00 | 15.33 0.27 0.00 | 14.21 0.28 0.00 | 14.38 0.27 0.00 | 15.59 0.27 0.00 | 16.20 0.29 0.00 | 16.51 0.34 0.00 | 17.19 0.35 0.00 | 19.57 0.41 0.03 | 22.08 0.52 0.00 | 24.86 0.59 0.00 | 24.47 0.56 0.00 | 30.03 0.62 0.00 | 30.26 0.59 0.00 | 27.79 0.56 0.00 | 25.46 0.34 0.00 | 20.44 0.35 0.00 |
| GREENDGE_115KV_TB5 80291 | 25.66 0.09 0.00 | 24.77 0.03 0.00 | 20.99 -0.02 0.00 | 18.60 -0.07 0.00 | 16.69 -0.13 0.00 | 13.32 -0.09 0.00 | 16.42 -0.11 0.00 | 15.98 0.01 0.00 | 15.22 0.15 0.00 | 14.03 0.11 0.00 | 14.21 0.10 0.00 | 15.41 0.08 0.00 | 15.98 0.08 0.00 | 16.25 0.08 0.00 | 16.93 0.10 0.00 | 19.39 0.21 0.00 | 21.70 0.14 0.00 | 24.44 0.16 0.00 | 24.08 0.16 0.00 | 29.56 0.14 0.00 | 29.95 0.29 0.00 | 27.49 0.27 0.00 | 25.63 0.51 0.00 | 20.54 0.45 0.00 |
| GREENIDGE___3 23582 | 25.66 0.09 0.00 | 24.77 0.03 0.00 | 20.99 -0.02 0.00 | 18.60 -0.07 0.00 | 16.69 -0.13 0.00 | 13.32 -0.09 0.00 | 16.42 -0.11 0.00 | 15.98 0.01 0.00 | 15.22 0.15 0.00 | 14.03 0.11 0.00 | 14.21 0.10 0.00 | 15.41 0.08 0.00 | 15.98 0.08 0.00 | 16.25 0.08 0.00 | 16.93 0.10 0.00 | 19.39 0.21 0.00 | 21.70 0.14 0.00 | 24.44 0.16 0.00 | 24.08 0.16 0.00 | 29.56 0.14 0.00 | 29.95 0.29 0.00 | 27.49 0.27 0.00 | 25.63 0.51 0.00 | 20.54 0.45 0.00 |
| GREENIDGE___4 23583 | 25.66 0.09 0.00 | 24.77 0.02 0.00 | 20.99 -0.02 0.00 | 18.60 -0.07 0.00 | 16.69 -0.13 0.00 | 13.32 -0.09 0.00 | 16.42 -0.11 0.00 | 15.98 0.01 0.00 | 15.22 0.15 0.00 | 14.05 0.12 0.00 | 14.21 0.09 0.00 | 15.41 0.08 0.00 | 15.99 0.08 0.00 | 16.25 0.08 0.00 | 16.93 0.10 0.00 | 19.39 0.21 0.00 | 21.69 0.14 0.00 | 24.44 0.16 0.00 | 24.07 0.16 0.00 | 29.56 0.15 0.00 | 29.95 0.29 0.00 | 27.49 0.27 0.00 | 25.63 0.51 0.00 | 20.54 0.45 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 117.27 2.61 -89.09 | 79.63 2.48 -52.40 | 31.18 1.74 -8.44 | 20.33 1.66 0.00 | 18.30 1.48 0.00 | 14.57 1.17 0.00 | 17.80 1.26 0.00 | 17.31 1.34 0.00 | 16.50 1.43 0.00 | 15.18 1.25 0.00 | 15.24 1.12 0.00 | 16.57 1.24 0.00 | 17.23 1.32 0.00 | 17.74 1.57 0.00 | 18.59 1.75 0.00 | 21.27 2.06 -0.03 | 23.57 2.01 0.00 | 26.59 2.31 0.00 | 25.88 1.97 0.00 | 31.69 2.28 0.00 | 34.08 2.43 -1.98 | 45.98 2.39 -16.36 | 27.12 2.00 0.00 | 21.70 1.61 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 27.92 2.32 -0.03 | 26.83 2.08 0.00 | 22.63 1.62 0.00 | 20.07 1.41 0.00 | 18.10 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.25 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| GRISSOM___SOLAR 323813 | 28.43 2.87 0.00 | 27.40 2.66 0.00 | 23.19 2.19 0.00 | 20.61 1.94 0.00 | 18.52 1.69 0.00 | 14.74 1.33 0.00 | 18.17 1.63 0.00 | 17.35 1.38 0.00 | 16.07 1.00 0.00 | 14.79 0.86 0.00 | 14.96 0.84 0.00 | 16.19 0.87 0.00 | 16.82 0.92 0.00 | 17.17 1.00 0.00 | 17.74 0.91 0.00 | 20.52 1.36 0.02 | 22.80 1.25 0.00 | 26.03 1.76 0.00 | 26.22 2.31 0.00 | 32.85 3.44 0.00 | 33.29 3.63 0.00 | 30.51 3.28 0.00 | 28.02 2.90 0.00 | 22.37 2.28 0.00 |
| GROVEVILLE___HYD 323602 | 27.63 2.06 0.00 | 26.64 1.89 0.00 | 22.50 1.50 0.00 | 19.97 1.30 0.00 | 18.00 1.17 0.00 | 14.29 0.89 0.00 | 17.51 0.97 0.00 | 16.95 0.99 0.00 | 16.12 1.05 0.00 | 14.92 1.00 0.00 | 15.14 1.03 0.00 | 16.44 1.12 0.00 | 17.13 1.22 0.00 | 17.50 1.33 0.00 | 18.27 1.44 0.00 | 20.91 1.71 -0.02 | 23.48 1.93 0.00 | 26.43 2.15 0.00 | 25.81 1.90 0.00 | 31.57 2.16 0.00 | 31.77 2.11 0.00 | 29.14 1.91 0.00 | 26.68 1.56 0.00 | 21.36 1.27 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 25.32 -0.24 0.00 | 24.50 -0.24 0.00 | 20.80 -0.20 0.00 | 18.49 -0.18 0.00 | 16.66 -0.16 0.00 | 13.30 -0.10 0.00 | 16.37 -0.17 0.00 | 15.83 -0.14 0.00 | 14.99 -0.07 0.00 | 13.86 -0.06 0.00 | 14.06 -0.05 0.00 | 15.27 -0.05 0.00 | 15.82 -0.08 0.00 | 16.08 -0.09 0.00 | 16.74 -0.09 0.00 | 19.10 -0.08 0.00 | 21.44 -0.11 0.00 | 24.18 -0.09 0.00 | 23.81 -0.10 0.00 | 29.29 -0.12 0.00 | 29.56 -0.11 0.00 | 27.09 -0.14 0.00 | 25.05 -0.07 0.00 | 20.09 0.00 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 25.37 -0.19 0.00 | 24.55 -0.20 0.00 | 20.82 -0.18 0.00 | 18.51 -0.16 0.00 | 16.67 -0.16 0.00 | 13.30 -0.10 0.00 | 16.38 -0.16 0.00 | 15.86 -0.11 0.00 | 15.03 -0.04 0.00 | 13.88 -0.04 0.00 | 14.09 -0.02 0.00 | 15.31 -0.01 0.00 | 15.85 -0.05 0.00 | 16.12 -0.06 0.00 | 16.78 -0.05 0.00 | 19.18 -0.01 0.00 | 21.50 -0.05 0.00 | 24.28 0.01 0.00 | 23.89 -0.02 0.00 | 29.38 -0.03 0.00 | 29.66 -0.01 0.00 | 27.19 -0.05 0.00 | 25.13 0.02 0.00 | 20.15 0.06 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 25.88 0.31 0.00 | 24.98 0.24 0.00 | 21.24 0.23 0.00 | 18.87 0.20 0.00 | 16.94 0.11 0.00 | 13.57 0.17 0.00 | 16.77 0.23 0.00 | 16.15 0.18 0.00 | 15.22 0.15 0.00 | 13.99 0.07 0.00 | 14.11 0.00 0.00 | 15.40 0.07 0.00 | 15.97 0.07 0.00 | 16.15 -0.03 0.00 | 16.79 -0.05 0.00 | 19.10 -0.08 0.00 | 21.44 -0.11 0.00 | 24.19 -0.09 0.00 | 23.89 -0.02 0.00 | 29.57 0.16 0.00 | 29.91 0.24 0.00 | 27.37 0.14 0.00 | 25.24 0.12 0.00 | 20.00 -0.09 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 25.81 0.24 0.00 | 24.87 0.12 0.00 | 21.08 0.08 0.00 | 18.75 0.08 0.00 | 16.97 0.14 0.00 | 13.52 0.11 0.00 | 16.53 -0.01 0.00 | 15.87 -0.09 0.00 | 14.92 -0.14 0.00 | 13.80 -0.13 0.00 | 13.89 -0.22 0.00 | 15.16 -0.16 0.00 | 15.78 -0.12 0.00 | 16.11 -0.06 0.00 | 16.75 -0.08 0.00 | 19.18 0.00 0.00 | 21.57 0.01 0.00 | 24.40 0.12 0.00 | 24.06 0.15 0.00 | 29.62 0.20 0.00 | 29.82 0.16 0.00 | 27.31 0.08 0.00 | 24.98 -0.14 0.00 | 20.05 -0.04 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 27.44 1.88 0.00 | 26.45 1.70 0.00 | 22.33 1.33 0.00 | 19.81 1.15 0.00 | 17.85 1.03 0.00 | 14.18 0.78 0.00 | 17.38 0.85 0.00 | 16.84 0.87 0.00 | 16.04 0.97 0.00 | 14.85 0.92 0.00 | 15.07 0.95 0.00 | 16.37 1.05 0.00 | 17.06 1.15 0.00 | 17.46 1.28 0.00 | 18.22 1.39 0.00 | 20.84 1.64 -0.02 | 23.40 1.85 0.00 | 26.32 2.04 0.00 | 25.67 1.77 0.00 | 31.40 1.98 0.00 | 31.60 1.94 0.00 | 28.97 1.75 0.00 | 26.52 1.39 0.00 | 21.23 1.14 0.00 |
| HARSNRAD_115KV_TB1 81005 | 24.82 -0.74 0.00 | 24.07 -0.67 0.00 | 20.39 -0.61 0.00 | 18.11 -0.56 0.00 | 16.21 -0.61 0.00 | 12.90 -0.50 0.00 | 15.93 -0.61 0.00 | 15.49 -0.47 0.00 | 14.91 -0.16 0.00 | 13.72 -0.21 0.00 | 13.96 -0.16 0.00 | 15.11 -0.21 0.00 | 15.67 -0.24 0.00 | 15.79 -0.39 0.00 | 16.46 -0.38 0.00 | 18.75 -0.43 0.00 | 20.89 -0.66 0.00 | 23.41 -0.87 0.00 | 22.94 -0.96 0.00 | 28.35 -1.07 0.00 | 28.79 -0.88 0.00 | 26.53 -0.69 0.00 | 25.21 0.09 0.00 | 20.48 0.39 0.00 |
| HARZA MOOSE___RIVER 24016 | 26.11 0.54 0.00 | 25.22 0.47 0.00 | 21.38 0.38 0.00 | 19.02 0.35 0.00 | 17.10 0.28 0.00 | 13.68 0.28 0.00 | 16.84 0.30 0.00 | 16.26 0.29 0.00 | 15.34 0.27 0.00 | 14.13 0.21 0.00 | 14.27 0.16 0.00 | 15.52 0.19 0.00 | 16.13 0.22 0.00 | 16.36 0.18 0.00 | 17.03 0.19 0.00 | 19.38 0.20 0.00 | 21.75 0.20 0.00 | 24.56 0.28 0.00 | 24.26 0.35 0.00 | 29.99 0.58 0.00 | 30.30 0.63 0.00 | 27.67 0.44 0.00 | 25.45 0.34 0.00 | 20.26 0.17 0.00 |

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|--|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| HDSNBRDG_115KV_BRDG_TB1 355580 | 25.11 -0.45 0.00 | 24.32 -0.43 0.00 | 20.67 -0.33 0.00 | 18.37 -0.30 0.00 | 16.56 -0.27 0.00 | 13.21 -0.19 0.00 | 16.26 -0.28 0.00 | 15.72 -0.24 0.00 | 14.89 -0.18 0.00 | 13.79 -0.14 0.00 | 13.98 -0.13 0.00 | 15.17 -0.15 0.00 | 15.72 -0.18 0.00 | 15.97 -0.20 0.00 | 16.62 -0.21 0.00 | 18.95 -0.23 0.00 | 21.27 -0.29 0.00 | 23.97 -0.30 0.00 | 23.60 -0.30 0.00 | 29.05 -0.37 0.00 | 29.31 -0.36 0.00 | 26.86 -0.37 0.00 | 24.85 -0.27 0.00 | 19.96 -0.13 0.00 |
| HELLGATE_13_KV_LD 55870 | 27.78 2.22 0.00 | 26.73 1.99 0.00 | 22.54 1.54 0.00 | 20.02 1.35 0.00 | 18.05 1.23 0.00 | 14.31 0.91 0.00 | 17.52 0.99 0.00 | 16.99 1.02 0.00 | 16.20 1.13 0.00 | 15.01 1.08 0.00 | 15.21 1.10 0.00 | 16.50 1.17 0.00 | 17.19 1.29 0.00 | 17.60 1.43 0.00 | 18.37 1.54 0.00 | 21.02 1.81 -0.03 | 23.55 2.00 0.00 | 26.39 2.12 0.00 | 25.70 1.79 0.00 | 31.46 2.05 0.00 | 31.68 2.02 0.00 | 29.12 1.90 0.00 | 26.69 1.58 0.00 | 21.38 1.29 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 27.78 2.22 0.00 | 26.73 1.99 0.00 | 22.54 1.54 0.00 | 20.02 1.35 0.00 | 18.05 1.23 0.00 | 14.31 0.91 0.00 | 17.52 0.99 0.00 | 16.99 1.02 0.00 | 16.20 1.13 0.00 | 15.01 1.08 0.00 | 15.21 1.10 0.00 | 16.50 1.17 0.00 | 17.19 1.29 0.00 | 17.60 1.43 0.00 | 18.37 1.54 0.00 | 21.02 1.81 -0.03 | 23.55 2.00 0.00 | 26.39 2.12 0.00 | 25.70 1.79 0.00 | 31.46 2.05 0.00 | 31.68 2.02 0.00 | 29.12 1.90 0.00 | 26.69 1.58 0.00 | 21.38 1.29 0.00 |
| HEMPSTEAD____ 23647 | 117.07 2.41 -89.09 | 79.37 2.23 -52.40 | 31.04 1.59 -8.44 | 20.16 1.49 0.00 | 18.15 1.33 0.00 | 14.43 1.03 0.00 | 17.64 1.10 0.00 | 17.14 1.17 0.00 | 16.33 1.26 0.00 | 15.04 1.12 0.00 | 15.17 1.05 0.00 | 16.49 1.17 0.00 | 17.16 1.25 0.00 | 17.64 1.47 0.00 | 18.47 1.64 0.00 | 21.11 1.90 -0.03 | 23.55 2.00 0.00 | 26.54 2.26 0.00 | 25.85 1.94 0.00 | 31.61 2.20 0.00 | 33.90 2.26 -1.98 | 45.76 2.17 -16.36 | 26.93 1.81 0.00 | 21.54 1.45 0.00 |
| HEWLETT__69_KV_BK3 55828 | 117.22 2.56 -89.09 | 79.60 2.45 -52.40 | 31.27 1.83 -8.44 | 20.41 1.74 0.00 | 18.38 1.55 0.00 | 14.60 1.20 0.00 | 17.85 1.31 0.00 | 17.33 1.37 0.00 | 16.51 1.44 0.00 | 15.21 1.28 0.00 | 15.31 1.20 0.00 | 16.65 1.32 0.00 | 17.33 1.42 0.00 | 17.82 1.65 0.00 | 18.66 1.82 0.00 | 21.35 2.14 -0.03 | 23.78 2.22 0.00 | 26.81 2.53 0.00 | 26.10 2.19 0.00 | 31.93 2.52 0.00 | 34.21 2.57 -1.98 | 46.05 2.46 -16.36 | 27.21 2.09 0.00 | 21.81 1.72 0.00 |
| HICKLING___1 23621 | 25.74 0.18 0.00 | 24.85 0.10 0.00 | 21.05 0.05 0.00 | 18.64 -0.03 0.00 | 16.73 -0.10 0.00 | 13.34 -0.06 0.00 | 16.44 -0.10 0.00 | 16.03 0.07 0.00 | 15.32 0.25 0.00 | 14.17 0.25 0.00 | 14.33 0.22 0.00 | 15.56 0.23 0.00 | 16.16 0.26 0.00 | 16.46 0.28 0.00 | 17.14 0.31 0.00 | 19.68 0.50 0.00 | 21.97 0.41 0.00 | 24.75 0.48 0.00 | 24.20 0.29 0.00 | 29.75 0.34 0.00 | 30.08 0.41 0.00 | 27.45 0.22 0.00 | 25.61 0.49 0.00 | 20.57 0.48 0.00 |
| HICKLING___2 23622 | 25.74 0.18 0.00 | 24.85 0.10 0.00 | 21.05 0.05 0.00 | 18.64 -0.03 0.00 | 16.73 -0.10 0.00 | 13.34 -0.06 0.00 | 16.44 -0.10 0.00 | 16.03 0.07 0.00 | 15.32 0.25 0.00 | 14.17 0.25 0.00 | 14.33 0.22 0.00 | 15.56 0.23 0.00 | 16.16 0.26 0.00 | 16.46 0.28 0.00 | 17.14 0.31 0.00 | 19.68 0.50 0.00 | 21.97 0.41 0.00 | 24.75 0.48 0.00 | 24.20 0.29 0.00 | 29.75 0.34 0.00 | 30.08 0.41 0.00 | 27.45 0.22 0.00 | 25.61 0.49 0.00 | 20.57 0.48 0.00 |
| HIGH FALLS___HY 23754 | 27.57 2.01 0.00 | 26.54 1.79 0.00 | 22.39 1.38 0.00 | 19.86 1.19 0.00 | 17.87 1.05 0.00 | 14.19 0.79 0.00 | 17.41 0.87 0.00 | 16.87 0.90 0.00 | 16.05 0.98 0.00 | 14.98 1.05 0.00 | 15.09 0.97 0.00 | 16.32 0.99 0.00 | 17.02 1.12 0.00 | 17.39 1.22 0.00 | 18.16 1.33 0.00 | 20.79 1.59 -0.01 | 23.41 1.86 0.00 | 26.41 2.14 0.00 | 25.83 1.92 0.00 | 31.66 2.25 0.00 | 31.86 2.20 0.00 | 29.19 1.97 0.00 | 26.73 1.61 0.00 | 21.36 1.27 0.00 |
| HILLBURN___GT 23639 | 27.41 1.85 0.00 | 26.41 1.67 0.00 | 22.30 1.29 0.00 | 19.80 1.13 0.00 | 17.84 1.01 0.00 | 14.16 0.76 0.00 | 17.36 0.83 0.00 | 16.82 0.85 0.00 | 16.04 0.98 0.00 | 14.86 0.93 0.00 | 15.07 0.96 0.00 | 16.36 1.04 0.00 | 17.06 1.15 0.00 | 17.46 1.29 0.00 | 18.23 1.40 0.00 | 20.85 1.65 -0.02 | 23.39 1.84 0.00 | 26.28 2.01 0.00 | 25.63 1.72 0.00 | 31.34 1.93 0.00 | 31.55 1.88 0.00 | 28.93 1.70 0.00 | 26.48 1.36 0.00 | 21.22 1.13 0.00 |
| HILLSIDE_115KV_TB1 80332 | 25.33 -0.23 0.00 | 24.46 -0.29 0.00 | 20.73 -0.27 0.00 | 18.38 -0.29 0.00 | 16.54 -0.29 0.00 | 13.19 -0.21 0.00 | 16.24 -0.29 0.00 | 15.83 -0.14 0.00 | 15.09 0.02 0.00 | 13.99 0.06 0.00 | 14.15 0.03 0.00 | 15.36 0.04 0.00 | 15.95 0.05 0.00 | 16.25 0.08 0.00 | 16.92 0.09 0.00 | 19.46 0.28 0.00 | 21.68 0.13 0.00 | 24.41 0.14 0.00 | 23.81 -0.10 0.00 | 29.21 -0.20 0.00 | 29.51 -0.16 0.00 | 26.92 -0.30 0.00 | 25.13 0.01 0.00 | 20.19 0.10 0.00 |
| HISHELDN_WT_PWR 323625 | 25.18 -0.39 0.00 | 24.35 -0.40 0.00 | 20.60 -0.40 0.00 | 18.23 -0.43 0.00 | 16.31 -0.52 0.00 | 13.00 -0.40 0.00 | 16.06 -0.48 0.00 | 15.66 -0.30 0.00 | 15.07 0.00 0.00 | 13.93 0.01 0.00 | 14.08 -0.04 0.00 | 15.28 -0.05 0.00 | 15.86 -0.05 0.00 | 16.04 -0.14 0.00 | 16.71 -0.13 0.00 | 19.09 -0.09 0.00 | 21.27 -0.28 0.00 | 23.88 -0.40 0.00 | 23.36 -0.55 0.00 | 28.84 -0.58 0.00 | 29.24 -0.42 0.00 | 26.82 -0.40 0.00 | 25.33 0.21 0.00 | 20.48 0.40 0.00 |
| HOLTSVILLE_IC_1 23690 | 117.42 2.76 -89.09 | 79.75 2.60 -52.40 | 31.28 1.84 -8.44 | 20.49 1.82 0.00 | 18.44 1.62 0.00 | 14.68 1.28 0.00 | 17.92 1.38 0.00 | 17.49 1.52 -0.01 | 16.68 1.60 -0.01 | 15.24 1.31 0.00 | 15.23 1.11 0.00 | 16.55 1.23 0.00 | 17.17 1.27 0.00 | 17.71 1.54 0.00 | 18.58 1.74 0.00 | 21.29 2.08 -0.03 | 23.67 2.11 0.00 | 26.76 2.49 0.00 | 26.07 2.16 0.00 | 31.87 2.46 0.00 | 34.22 2.58 -1.98 | 46.04 2.45 -16.36 | 27.17 2.05 0.00 | 21.74 1.65 0.00 |
| HOLTSVILLE_IC_10 23699 | 117.61 2.95 -89.09 | 79.92 2.77 -52.40 | 31.41 1.97 -8.44 | 20.61 1.94 0.00 | 18.55 1.72 0.00 | 14.76 1.36 0.00 | 18.01 1.48 0.00 | 17.59 1.62 -0.01 | 16.77 1.70 -0.01 | 15.32 1.39 0.00 | 15.30 1.19 0.00 | 16.64 1.32 0.00 | 17.27 1.37 0.00 | 17.81 1.64 0.00 | 18.69 1.86 0.00 | 21.43 2.23 -0.03 | 23.85 2.30 0.00 | 26.98 2.70 0.00 | 26.30 2.39 0.00 | 32.13 2.72 0.00 | 34.48 2.83 -1.98 | 46.25 2.66 -16.36 | 27.35 2.22 0.00 | 21.86 1.77 0.00 |
| HOLTSVILLE_IC_2 23691 | 117.42 2.76 -89.09 | 79.75 2.60 -52.40 | 31.28 1.84 -8.44 | 20.49 1.82 0.00 | 18.44 1.62 0.00 | 14.68 1.28 0.00 | 17.92 1.38 0.00 | 17.49 1.52 -0.01 | 16.68 1.60 -0.01 | 15.24 1.31 0.00 | 15.23 1.11 0.00 | 16.55 1.23 0.00 | 17.17 1.27 0.00 | 17.71 1.54 0.00 | 18.58 1.74 0.00 | 21.29 2.08 -0.03 | 23.67 2.11 0.00 | 26.76 2.49 0.00 | 26.07 2.16 0.00 | 31.87 2.46 0.00 | 34.22 2.58 -1.98 | 46.04 2.45 -16.36 | 27.17 2.05 0.00 | 21.74 1.65 0.00 |
| HOLTSVILLE_IC_3 23692 | 117.42 2.76 -89.09 | 79.75 2.60 -52.40 | 31.28 1.84 -8.44 | 20.49 1.82 0.00 | 18.44 1.62 0.00 | 14.68 1.28 0.00 | 17.92 1.38 0.00 | 17.49 1.52 -0.01 | 16.68 1.60 -0.01 | 15.24 1.31 0.00 | 15.23 1.11 0.00 | 16.55 1.23 0.00 | 17.17 1.27 0.00 | 17.71 1.54 0.00 | 18.58 1.74 0.00 | 21.29 2.08 -0.03 | 23.67 2.11 0.00 | 26.76 2.49 0.00 | 26.07 2.16 0.00 | 31.87 2.46 0.00 | 34.22 2.58 -1.98 | 46.04 2.45 -16.36 | 27.17 2.05 0.00 | 21.74 1.65 0.00 |

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| HOLTSVILLE_IC_4 23693 | 117.42 2.76 -89.09 | 79.75 2.60 -52.40 | 31.28 1.84 -8.44 | 20.49 1.82 0.00 | 18.44 1.62 0.00 | 14.68 1.28 0.00 | 17.92 1.38 0.00 | 17.49 1.52 -0.01 | 16.68 1.60 -0.01 | 15.24 1.31 0.00 | 15.23 1.11 0.00 | 16.55 1.23 0.00 | 17.17 1.27 0.00 | 17.71 1.54 0.00 | 18.58 1.74 0.00 | 21.29 2.08 -0.03 | 23.67 2.11 0.00 | 26.76 2.49 0.00 | 26.07 2.16 0.00 | 31.87 2.46 0.00 | 34.22 2.58 -1.98 | 46.04 2.45 -16.36 | 27.17 2.05 0.00 | 21.74 1.65 0.00 |
| HOLTSVILLE_IC_5 23694 | 117.42 2.76 -89.09 | 79.75 2.60 -52.40 | 31.28 1.84 -8.44 | 20.49 1.82 0.00 | 18.44 1.62 0.00 | 14.68 1.28 0.00 | 17.92 1.38 0.00 | 17.49 1.52 -0.01 | 16.68 1.60 -0.01 | 15.24 1.31 0.00 | 15.23 1.11 0.00 | 16.55 1.23 0.00 | 17.17 1.27 0.00 | 17.71 1.54 0.00 | 18.58 1.74 0.00 | 21.29 2.08 -0.03 | 23.67 2.11 0.00 | 26.76 2.49 0.00 | 26.07 2.16 0.00 | 31.87 2.46 0.00 | 34.22 2.58 -1.98 | 46.04 2.45 -16.36 | 27.17 2.05 0.00 | 21.74 1.65 0.00 |
| HOLTSVILLE_IC_6 23695 | 117.61 2.95 -89.09 | 79.92 2.77 -52.40 | 31.41 1.97 -8.44 | 20.61 1.94 0.00 | 18.55 1.72 0.00 | 14.76 1.36 0.00 | 18.01 1.48 0.00 | 17.59 1.62 -0.01 | 16.77 1.70 -0.01 | 15.32 1.39 0.00 | 15.30 1.19 0.00 | 16.64 1.32 0.00 | 17.27 1.37 0.00 | 17.81 1.64 0.00 | 18.69 1.86 0.00 | 21.43 2.23 -0.03 | 23.85 2.30 0.00 | 26.98 2.70 0.00 | 26.30 2.39 0.00 | 32.13 2.72 0.00 | 34.48 2.83 -1.98 | 46.25 2.66 -16.36 | 27.35 2.22 0.00 | 21.86 1.77 0.00 |
| HOLTSVILLE_IC_7 23696 | 117.61 2.95 -89.09 | 79.92 2.77 -52.40 | 31.41 1.97 -8.44 | 20.61 1.94 0.00 | 18.55 1.72 0.00 | 14.76 1.36 0.00 | 18.01 1.48 0.00 | 17.59 1.62 -0.01 | 16.77 1.70 -0.01 | 15.32 1.39 0.00 | 15.30 1.19 0.00 | 16.64 1.32 0.00 | 17.27 1.37 0.00 | 17.81 1.64 0.00 | 18.69 1.86 0.00 | 21.43 2.23 -0.03 | 23.85 2.30 0.00 | 26.98 2.70 0.00 | 26.30 2.39 0.00 | 32.13 2.72 0.00 | 34.48 2.83 -1.98 | 46.25 2.66 -16.36 | 27.35 2.22 0.00 | 21.86 1.77 0.00 |
| HOLTSVILLE_IC_8 23697 | 117.61 2.95 -89.09 | 79.92 2.77 -52.40 | 31.41 1.97 -8.44 | 20.61 1.94 0.00 | 18.55 1.72 0.00 | 14.76 1.36 0.00 | 18.01 1.48 0.00 | 17.59 1.62 -0.01 | 16.77 1.70 -0.01 | 15.32 1.39 0.00 | 15.30 1.19 0.00 | 16.64 1.32 0.00 | 17.27 1.37 0.00 | 17.81 1.64 0.00 | 18.69 1.86 0.00 | 21.43 2.23 -0.03 | 23.85 2.30 0.00 | 26.98 2.70 0.00 | 26.30 2.39 0.00 | 32.13 2.72 0.00 | 34.48 2.83 -1.98 | 46.25 2.66 -16.36 | 27.35 2.22 0.00 | 21.86 1.77 0.00 |
| HOLTSVILLE_IC_9 23698 | 117.61 2.95 -89.09 | 79.92 2.77 -52.40 | 31.41 1.97 -8.44 | 20.61 1.94 0.00 | 18.55 1.72 0.00 | 14.76 1.36 0.00 | 18.01 1.48 0.00 | 17.59 1.62 -0.01 | 16.77 1.70 -0.01 | 15.32 1.39 0.00 | 15.30 1.19 0.00 | 16.64 1.32 0.00 | 17.27 1.37 0.00 | 17.81 1.64 0.00 | 18.69 1.86 0.00 | 21.43 2.23 -0.03 | 23.85 2.30 0.00 | 26.98 2.70 0.00 | 26.30 2.39 0.00 | 32.13 2.72 0.00 | 34.48 2.83 -1.98 | 46.25 2.66 -16.36 | 27.35 2.22 0.00 | 21.86 1.77 0.00 |
| HOMER_HL_115KV_TB2 355744 | 25.43 -0.13 0.00 | 24.61 -0.14 0.00 | 20.80 -0.20 0.00 | 18.46 -0.21 0.00 | 16.55 -0.28 0.00 | 13.20 -0.19 0.00 | 16.30 -0.24 0.00 | 15.92 -0.05 0.00 | 15.34 0.28 0.00 | 14.21 0.28 0.00 | 14.40 0.29 0.00 | 15.49 0.17 0.00 | 16.09 0.18 0.00 | 16.32 0.15 0.00 | 16.99 0.16 0.00 | 19.44 0.26 0.00 | 21.63 0.08 0.00 | 24.31 0.04 0.00 | 23.64 -0.27 0.00 | 29.00 -0.42 0.00 | 29.33 -0.33 0.00 | 26.90 -0.32 0.00 | 25.32 0.20 0.00 | 20.47 0.37 0.00 |
| HOWARD_WT_PWR 323690 | 25.76 0.20 0.00 | 24.87 0.13 0.00 | 21.05 0.04 0.00 | 18.54 -0.13 0.00 | 16.40 -0.43 0.00 | 13.05 -0.35 0.00 | 16.14 -0.40 0.00 | 15.86 -0.11 0.00 | 15.28 0.21 0.00 | 14.09 0.16 0.00 | 14.14 0.03 0.00 | 15.37 0.05 0.00 | 16.00 0.10 0.00 | 16.25 0.08 0.00 | 16.89 0.06 0.00 | 19.38 0.20 0.00 | 21.70 0.14 0.00 | 24.51 0.23 0.00 | 24.07 0.16 0.00 | 29.72 0.31 0.00 | 30.15 0.48 0.00 | 27.60 0.37 0.00 | 25.83 0.71 0.00 | 20.72 0.63 0.00 |
| HQ_GEN_CEDARS 23644 | 25.64 0.07 0.00 | 24.83 0.08 0.00 | 21.11 0.11 0.00 | 18.76 0.09 0.00 | 16.87 0.04 0.00 | 13.44 0.04 0.00 | 16.70 0.16 0.00 | 16.09 0.12 0.00 | 15.15 0.08 0.00 | 13.94 0.02 0.00 | 14.15 0.03 0.00 | 15.40 0.07 0.00 | 15.96 0.05 0.00 | 16.18 0.01 0.00 | 16.81 -0.03 0.00 | 19.14 -0.04 0.00 | 21.52 -0.04 0.00 | 24.22 -0.06 0.00 | 23.86 -0.05 0.00 | 29.42 0.01 0.00 | 29.73 0.06 0.00 | 27.31 0.08 0.00 | 25.29 0.17 0.00 | 20.05 -0.04 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 25.64 0.07 0.00 | 24.83 0.08 0.00 | 21.11 0.11 0.00 | 18.76 0.09 0.00 | 16.87 0.04 0.00 | 13.22 0.04 0.22 | 16.65 0.16 0.05 | 16.09 0.12 0.00 | 15.15 0.08 0.00 | 13.94 0.02 0.00 | 14.15 0.03 0.00 | 15.40 0.07 0.00 | 15.96 0.05 0.00 | 16.18 0.01 0.00 | 16.81 -0.03 0.00 | 19.14 -0.04 0.00 | 21.52 -0.04 0.00 | 24.22 -0.06 0.00 | 23.86 -0.05 0.00 | 29.42 0.01 0.00 | 29.73 0.06 0.00 | 27.31 0.08 0.00 | 25.29 0.17 0.00 | 19.86 -0.04 0.18 |
| HQ_GEN_IMPORT 323601 | 25.44 -0.12 0.00 | 24.48 -0.10 0.17 | 20.55 -0.07 0.38 | 18.60 -0.07 0.00 | 16.76 -0.07 0.00 | 13.34 -0.06 0.00 | 16.56 0.02 0.00 | 15.98 0.01 0.00 | 15.03 -0.04 0.00 | 13.86 -0.07 0.00 | 14.05 -0.06 0.00 | 15.27 -0.06 0.00 | 15.84 -0.07 0.00 | 16.08 -0.09 0.00 | 16.73 -0.11 0.00 | 19.05 -0.13 0.00 | 21.41 -0.14 0.00 | 24.11 -0.17 0.00 | 23.74 -0.17 0.00 | 29.25 -0.17 0.00 | 29.51 -0.16 0.00 | 27.11 -0.12 0.00 | 25.06 -0.06 0.00 | 19.09 -0.13 0.86 |
| HQ_GEN_WHEEL 23651 | 25.44 -0.12 0.00 | 24.48 -0.10 0.17 | 20.55 -0.07 0.38 | 18.60 -0.07 0.00 | 16.76 -0.07 0.00 | 13.34 -0.06 0.00 | 16.56 0.02 0.00 | 15.98 0.01 0.00 | 15.03 -0.04 0.00 | 13.86 -0.07 0.00 | 14.05 -0.06 0.00 | 15.27 -0.06 0.00 | 15.84 -0.07 0.00 | 16.08 -0.09 0.00 | 16.73 -0.11 0.00 | 19.05 -0.13 0.00 | 21.41 -0.14 0.00 | 24.11 -0.17 0.00 | 23.74 -0.17 0.00 | 29.25 -0.17 0.00 | 29.51 -0.16 0.00 | 27.11 -0.12 0.00 | 25.06 -0.06 0.00 | 19.09 -0.13 0.86 |
| HUDSON_AVE_GT_3 23810 | 27.74 2.18 0.00 | 26.72 1.97 0.00 | 22.53 1.53 0.00 | 20.00 1.33 0.00 | 18.03 1.21 0.00 | 14.30 0.90 0.00 | 17.52 0.98 0.00 | 16.97 1.01 0.00 | 16.20 1.13 0.00 | 15.01 1.09 0.00 | 15.22 1.11 0.00 | 16.51 1.19 0.00 | 17.21 1.31 0.00 | 17.62 1.44 0.00 | 18.39 1.56 0.00 | 21.04 1.84 -0.03 | 23.57 2.02 0.00 | 26.42 2.14 0.00 | 25.73 1.82 0.00 | 31.46 2.05 0.00 | 31.69 2.02 0.00 | 29.12 1.89 0.00 | 26.70 1.58 0.00 | 21.38 1.29 0.00 |
| HUDSON_AVE_GT_4 23540 | 27.74 2.18 0.00 | 26.72 1.97 0.00 | 22.53 1.53 0.00 | 20.00 1.33 0.00 | 18.03 1.21 0.00 | 14.30 0.90 0.00 | 17.52 0.98 0.00 | 16.97 1.01 0.00 | 16.20 1.13 0.00 | 15.01 1.09 0.00 | 15.22 1.11 0.00 | 16.51 1.19 0.00 | 17.21 1.31 0.00 | 17.62 1.44 0.00 | 18.39 1.56 0.00 | 21.04 1.84 -0.03 | 23.57 2.02 0.00 | 26.42 2.14 0.00 | 25.73 1.82 0.00 | 31.46 2.05 0.00 | 31.69 2.02 0.00 | 29.12 1.89 0.00 | 26.70 1.58 0.00 | 21.38 1.29 0.00 |
| HUDSON_AVE_GT_5 23657 | 27.74 2.18 0.00 | 26.72 1.97 0.00 | 22.53 1.53 0.00 | 20.00 1.33 0.00 | 18.03 1.21 0.00 | 14.30 0.90 0.00 | 17.52 0.98 0.00 | 16.97 1.01 0.00 | 16.20 1.13 0.00 | 15.01 1.09 0.00 | 15.22 1.11 0.00 | 16.51 1.19 0.00 | 17.21 1.31 0.00 | 17.62 1.44 0.00 | 18.39 1.56 0.00 | 21.04 1.84 -0.03 | 23.57 2.02 0.00 | 26.42 2.14 0.00 | 25.73 1.82 0.00 | 31.46 2.05 0.00 | 31.69 2.02 0.00 | 29.12 1.89 0.00 | 26.70 1.58 0.00 | 21.38 1.29 0.00 |

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| HUDSON_AVE_10 24168 | 27.66 2.10 0.00 | 26.64 1.89 0.00 | 22.46 1.46 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.26 0.86 0.00 | 17.47 0.93 0.00 | 16.93 0.96 0.00 | 16.15 1.08 0.00 | 14.97 1.04 0.00 | 15.17 1.06 0.00 | 16.46 1.14 0.00 | 17.16 1.26 0.00 | 17.56 1.39 0.00 | 18.34 1.50 0.00 | 20.98 1.77 -0.03 | 23.50 1.94 0.00 | 26.34 2.06 0.00 | 25.65 1.74 0.00 | 31.37 1.96 0.00 | 31.59 1.93 0.00 | 29.03 1.81 0.00 | 26.64 1.52 0.00 | 21.33 1.24 0.00 |
| HUDSON___115KV_TB 4 355613 | 26.78 1.21 0.00 | 25.90 1.15 0.00 | 21.96 0.96 0.00 | 19.50 0.83 0.00 | 17.60 0.78 0.00 | 14.01 0.61 0.00 | 17.17 0.63 0.00 | 16.52 0.55 0.00 | 15.56 0.49 0.00 | 14.38 0.45 0.00 | 14.56 0.45 0.00 | 15.76 0.44 0.00 | 16.36 0.46 0.00 | 16.67 0.50 0.00 | 17.36 0.53 0.00 | 19.80 0.64 0.02 | 22.36 0.81 0.00 | 25.27 1.00 0.00 | 24.95 1.05 0.00 | 30.72 1.30 0.00 | 30.98 1.31 0.00 | 28.44 1.21 0.00 | 26.02 0.90 0.00 | 20.84 0.75 0.00 |
| HUNTER MOUNT___DRP 323613 | 26.88 1.32 0.00 | 25.99 1.24 0.00 | 22.06 1.06 0.00 | 19.59 0.92 0.00 | 17.68 0.85 0.00 | 14.06 0.66 0.00 | 17.24 0.71 0.00 | 16.58 0.61 0.00 | 15.59 0.53 0.00 | 14.38 0.46 0.00 | 14.57 0.46 0.00 | 15.77 0.45 0.00 | 16.36 0.46 0.00 | 16.67 0.49 0.00 | 17.35 0.52 0.00 | 19.81 0.64 0.01 | 22.38 0.82 0.00 | 25.33 1.05 0.00 | 25.05 1.14 0.00 | 30.86 1.45 0.00 | 31.16 1.49 0.00 | 28.60 1.37 0.00 | 26.15 1.04 0.00 | 20.93 0.84 0.00 |
| HUNTINGTON_RES_REC 323705 | 117.46 2.81 -89.09 | 79.80 2.65 -52.40 | 31.30 1.86 -8.44 | 20.47 1.80 0.00 | 18.42 1.59 0.00 | 14.66 1.26 0.00 | 17.90 1.36 0.00 | 17.44 1.48 0.00 | 16.63 1.56 0.00 | 15.25 1.33 0.00 | 15.28 1.16 0.00 | 16.62 1.30 0.00 | 17.27 1.36 0.00 | 17.81 1.64 0.00 | 18.67 1.84 0.00 | 21.40 2.19 -0.03 | 23.75 2.20 0.00 | 26.83 2.55 0.00 | 26.14 2.23 0.00 | 31.97 2.55 0.00 | 34.33 2.69 -1.98 | 46.16 2.57 -16.36 | 27.26 2.15 0.00 | 21.79 1.71 0.00 |
| HUNTLEY___63 23557 | 25.03 -0.53 0.00 | 24.27 -0.48 0.00 | 20.55 -0.45 0.00 | 18.26 -0.41 0.00 | 16.34 -0.49 0.00 | 13.00 -0.40 0.00 | 16.05 -0.48 0.00 | 15.62 -0.35 0.00 | 15.04 -0.03 0.00 | 13.85 -0.08 0.00 | 14.08 -0.03 0.00 | 15.26 -0.06 0.00 | 15.83 -0.07 0.00 | 15.96 -0.21 0.00 | 16.64 -0.20 0.00 | 18.92 -0.26 0.00 | 21.08 -0.48 0.00 | 23.62 -0.65 0.00 | 23.12 -0.78 0.00 | 28.56 -0.85 0.00 | 28.99 -0.67 0.00 | 26.72 -0.50 0.00 | 25.41 0.29 0.00 | 20.65 0.56 0.00 |
| HUNTLEY___64 23558 | 25.03 -0.53 0.00 | 24.27 -0.48 0.00 | 20.55 -0.45 0.00 | 18.26 -0.41 0.00 | 16.34 -0.49 0.00 | 13.00 -0.40 0.00 | 16.05 -0.48 0.00 | 15.62 -0.35 0.00 | 15.04 -0.03 0.00 | 13.85 -0.08 0.00 | 14.08 -0.03 0.00 | 15.26 -0.06 0.00 | 15.83 -0.07 0.00 | 15.96 -0.21 0.00 | 16.64 -0.20 0.00 | 18.92 -0.26 0.00 | 21.08 -0.48 0.00 | 23.62 -0.65 0.00 | 23.12 -0.78 0.00 | 28.56 -0.85 0.00 | 28.99 -0.67 0.00 | 26.72 -0.50 0.00 | 25.41 0.29 0.00 | 20.65 0.56 0.00 |
| HUNTLEY___65 23559 | 25.03 -0.53 0.00 | 24.27 -0.48 0.00 | 20.55 -0.45 0.00 | 18.26 -0.41 0.00 | 16.34 -0.49 0.00 | 13.00 -0.40 0.00 | 16.05 -0.48 0.00 | 15.62 -0.35 0.00 | 15.04 -0.03 0.00 | 13.85 -0.08 0.00 | 14.08 -0.03 0.00 | 15.26 -0.06 0.00 | 15.83 -0.07 0.00 | 15.96 -0.21 0.00 | 16.64 -0.20 0.00 | 18.92 -0.26 0.00 | 21.08 -0.48 0.00 | 23.62 -0.65 0.00 | 23.12 -0.78 0.00 | 28.56 -0.85 0.00 | 28.99 -0.67 0.00 | 26.72 -0.50 0.00 | 25.41 0.29 0.00 | 20.65 0.56 0.00 |
| HUNTLEY___66 23560 | 25.03 -0.53 0.00 | 24.27 -0.48 0.00 | 20.55 -0.45 0.00 | 18.26 -0.41 0.00 | 16.34 -0.49 0.00 | 13.00 -0.40 0.00 | 16.05 -0.48 0.00 | 15.62 -0.35 0.00 | 15.04 -0.03 0.00 | 13.85 -0.08 0.00 | 14.08 -0.03 0.00 | 15.26 -0.06 0.00 | 15.83 -0.07 0.00 | 15.96 -0.21 0.00 | 16.64 -0.20 0.00 | 18.92 -0.26 0.00 | 21.08 -0.48 0.00 | 23.62 -0.65 0.00 | 23.12 -0.78 0.00 | 28.56 -0.85 0.00 | 28.99 -0.67 0.00 | 26.72 -0.50 0.00 | 25.41 0.29 0.00 | 20.65 0.56 0.00 |
| HUNTLEY___67 23561 | 24.90 -0.67 0.00 | 24.12 -0.62 0.00 | 20.43 -0.57 0.00 | 18.15 -0.52 0.00 | 16.25 -0.58 0.00 | 12.93 -0.47 0.00 | 15.96 -0.57 0.00 | 15.53 -0.43 0.00 | 14.95 -0.12 0.00 | 13.78 -0.15 0.00 | 13.99 -0.12 0.00 | 15.17 -0.15 0.00 | 15.73 -0.18 0.00 | 15.87 -0.30 0.00 | 16.54 -0.29 0.00 | 18.85 -0.33 0.00 | 20.99 -0.57 0.00 | 23.52 -0.76 0.00 | 23.02 -0.89 0.00 | 28.42 -0.99 0.00 | 28.86 -0.81 0.00 | 26.56 -0.67 0.00 | 25.20 0.08 0.00 | 20.46 0.37 0.00 |
| HUNTLEY___68 23562 | 24.90 -0.67 0.00 | 24.12 -0.62 0.00 | 20.43 -0.57 0.00 | 18.15 -0.52 0.00 | 16.25 -0.58 0.00 | 12.93 -0.47 0.00 | 15.96 -0.57 0.00 | 15.53 -0.43 0.00 | 14.95 -0.12 0.00 | 13.78 -0.15 0.00 | 13.99 -0.12 0.00 | 15.17 -0.15 0.00 | 15.73 -0.18 0.00 | 15.87 -0.30 0.00 | 16.54 -0.29 0.00 | 18.85 -0.33 0.00 | 20.99 -0.57 0.00 | 23.52 -0.76 0.00 | 23.02 -0.89 0.00 | 28.42 -0.99 0.00 | 28.86 -0.81 0.00 | 26.56 -0.67 0.00 | 25.20 0.08 0.00 | 20.46 0.37 0.00 |
| HYLAND___LFGE 323620 | 26.33 0.76 0.00 | 25.39 0.65 0.00 | 21.49 0.49 0.00 | 19.01 0.34 0.00 | 17.00 0.17 0.00 | 13.55 0.15 0.00 | 16.72 0.18 0.00 | 16.15 0.18 0.00 | 15.20 0.13 0.00 | 14.04 0.11 0.00 | 14.19 0.08 0.00 | 15.40 0.08 0.00 | 16.01 0.10 0.00 | 16.23 0.06 0.00 | 16.91 0.08 0.00 | 19.32 0.13 0.00 | 21.63 0.07 0.00 | 24.39 0.11 0.00 | 24.43 0.52 0.00 | 30.19 0.78 0.00 | 30.94 1.27 0.00 | 28.49 1.26 0.00 | 26.61 1.49 0.00 | 21.36 1.27 0.00 |
| INDECK___CORINTH 23802 | 26.88 1.31 0.00 | 25.92 1.18 0.00 | 22.04 1.04 0.00 | 19.52 0.85 0.00 | 17.56 0.73 0.00 | 13.92 0.51 0.00 | 17.01 0.47 0.00 | 16.39 0.42 0.00 | 15.53 0.46 0.00 | 14.33 0.40 0.00 | 14.42 0.31 0.00 | 15.66 0.33 0.00 | 16.25 0.34 0.00 | 16.52 0.34 0.00 | 17.17 0.33 0.00 | 19.60 0.45 0.03 | 22.22 0.66 0.00 | 25.21 0.93 0.00 | 25.09 1.18 0.00 | 30.80 1.39 0.00 | 30.97 1.30 0.00 | 28.28 1.05 0.00 | 25.86 0.75 0.00 | 20.74 0.65 0.00 |
| INDECK___ILION 23567 | 25.74 0.18 0.00 | 24.87 0.12 0.00 | 21.09 0.09 0.00 | 18.74 0.07 0.00 | 16.92 0.09 0.00 | 13.48 0.08 0.00 | 16.55 0.01 0.00 | 15.94 -0.03 0.00 | 15.02 -0.04 0.00 | 13.90 -0.03 0.00 | 14.04 -0.07 0.00 | 15.26 -0.06 0.00 | 15.87 -0.04 0.00 | 16.17 0.00 0.00 | 16.83 -0.01 0.00 | 19.22 0.04 0.00 | 21.61 0.06 0.00 | 24.40 0.12 0.00 | 24.06 0.15 0.00 | 29.60 0.19 0.00 | 29.84 0.18 0.00 | 27.36 0.13 0.00 | 25.11 0.00 0.00 | 20.11 0.02 0.00 |
| INDECK___OLEAN 23982 | 25.43 -0.13 0.00 | 24.61 -0.14 0.00 | 20.80 -0.20 0.00 | 18.46 -0.21 0.00 | 16.55 -0.28 0.00 | 13.20 -0.19 0.00 | 16.30 -0.24 0.00 | 15.92 -0.05 0.00 | 15.34 0.28 0.00 | 14.24 0.31 0.00 | 14.39 0.28 0.00 | 15.49 0.17 0.00 | 16.09 0.18 0.00 | 16.32 0.15 0.00 | 16.99 0.16 0.00 | 19.44 0.26 0.00 | 21.63 0.07 0.00 | 24.31 0.04 0.00 | 23.63 -0.27 0.00 | 28.99 -0.41 0.00 | 29.34 -0.33 0.00 | 26.90 -0.33 0.00 | 25.32 0.20 0.00 | 20.46 0.37 0.00 |
| INDECK___OSWEGO 23783 | 24.83 -0.73 0.00 | 24.08 -0.66 0.00 | 20.44 -0.56 0.00 | 18.18 -0.49 0.00 | 16.39 -0.43 0.00 | 13.08 -0.32 0.00 | 16.10 -0.44 0.00 | 15.56 -0.40 0.00 | 14.72 -0.35 0.00 | 13.62 -0.31 0.00 | 13.80 -0.32 0.00 | 14.98 -0.35 0.00 | 15.53 -0.37 0.00 | 15.77 -0.40 0.00 | 16.41 -0.43 0.00 | 18.58 -0.61 0.00 | 20.79 -0.76 0.00 | 23.43 -0.85 0.00 | 23.08 -0.83 0.00 | 28.44 -0.97 0.00 | 28.72 -0.95 0.00 | 26.34 -0.89 0.00 | 24.48 -0.64 0.00 | 19.67 -0.42 0.00 |

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| INDECK___YERKES 23781 | 25.06 -0.51 0.00 | 24.29 -0.46 0.00 | 20.57 -0.44 0.00 | 18.27 -0.40 0.00 | 16.35 -0.47 0.00 | 13.01 -0.39 0.00 | 16.07 -0.47 0.00 | 15.63 -0.33 0.00 | 15.05 -0.02 0.00 | 13.90 -0.02 0.00 | 14.07 -0.04 0.00 | 15.28 -0.05 0.00 | 15.85 -0.06 0.00 | 15.98 -0.19 0.00 | 16.65 -0.19 0.00 | 18.94 -0.24 0.00 | 21.10 -0.46 0.00 | 23.64 -0.63 0.00 | 23.14 -0.76 0.00 | 28.59 -0.82 0.00 | 29.02 -0.64 0.00 | 26.75 -0.48 0.00 | 25.44 0.31 0.00 | 20.67 0.58 0.00 |
| INDIAN POINT_GT_1 24139 | 27.43 1.86 0.00 | 26.44 1.69 0.00 | 22.31 1.31 0.00 | 19.81 1.15 0.00 | 17.86 1.03 0.00 | 14.18 0.78 0.00 | 17.37 0.83 0.00 | 16.83 0.86 0.00 | 16.03 0.96 0.00 | 14.84 0.92 0.00 | 15.04 0.93 0.00 | 16.33 1.01 0.00 | 17.01 1.11 0.00 | 17.41 1.23 0.00 | 18.17 1.34 0.00 | 20.79 1.58 -0.03 | 23.31 1.76 0.00 | 26.18 1.91 0.00 | 25.53 1.63 0.00 | 31.23 1.82 0.00 | 31.45 1.79 0.00 | 28.87 1.64 0.00 | 26.45 1.33 0.00 | 21.19 1.10 0.00 |
| INDIAN POINT_GT_2 23659 | 27.43 1.86 0.00 | 26.44 1.69 0.00 | 22.31 1.31 0.00 | 19.81 1.15 0.00 | 17.86 1.03 0.00 | 14.18 0.78 0.00 | 17.37 0.83 0.00 | 16.83 0.86 0.00 | 16.03 0.96 0.00 | 14.84 0.92 0.00 | 15.04 0.93 0.00 | 16.33 1.01 0.00 | 17.01 1.11 0.00 | 17.41 1.23 0.00 | 18.17 1.34 0.00 | 20.79 1.58 -0.03 | 23.31 1.76 0.00 | 26.18 1.91 0.00 | 25.53 1.63 0.00 | 31.23 1.82 0.00 | 31.45 1.79 0.00 | 28.87 1.64 0.00 | 26.45 1.33 0.00 | 21.19 1.10 0.00 |
| INDIAN POINT_GT_3 24019 | 27.43 1.86 0.00 | 26.44 1.69 0.00 | 22.31 1.31 0.00 | 19.81 1.15 0.00 | 17.86 1.03 0.00 | 14.18 0.78 0.00 | 17.37 0.83 0.00 | 16.83 0.86 0.00 | 16.03 0.96 0.00 | 14.84 0.92 0.00 | 15.04 0.93 0.00 | 16.33 1.01 0.00 | 17.01 1.11 0.00 | 17.41 1.23 0.00 | 18.17 1.34 0.00 | 20.79 1.58 -0.03 | 23.31 1.76 0.00 | 26.18 1.91 0.00 | 25.53 1.63 0.00 | 31.23 1.82 0.00 | 31.45 1.79 0.00 | 28.87 1.64 0.00 | 26.45 1.33 0.00 | 21.19 1.10 0.00 |
| INDIAN POINT___2 23530 | 27.39 1.82 0.00 | 26.40 1.65 0.00 | 22.28 1.28 0.00 | 19.78 1.11 0.00 | 17.83 1.00 0.00 | 14.16 0.76 0.00 | 17.35 0.81 0.00 | 16.81 0.84 0.00 | 16.02 0.95 0.00 | 14.83 0.90 0.00 | 15.04 0.92 0.00 | 16.32 1.00 0.00 | 17.00 1.10 0.00 | 17.40 1.23 0.00 | 18.16 1.32 0.00 | 20.77 1.57 -0.03 | 23.29 1.74 0.00 | 26.16 1.89 0.00 | 25.52 1.61 0.00 | 31.20 1.79 0.00 | 31.42 1.75 0.00 | 28.84 1.61 0.00 | 26.41 1.29 0.00 | 21.17 1.08 0.00 |
| INDIAN POINT___3 23531 | 27.38 1.81 0.00 | 26.40 1.66 0.00 | 22.29 1.29 0.00 | 19.79 1.12 0.00 | 17.84 1.01 0.00 | 14.16 0.76 0.00 | 17.35 0.82 0.00 | 16.81 0.84 0.00 | 16.01 0.94 0.00 | 14.83 0.90 0.00 | 15.03 0.92 0.00 | 16.31 0.99 0.00 | 16.99 1.09 0.00 | 17.39 1.21 0.00 | 18.15 1.32 0.00 | 20.76 1.55 -0.03 | 23.27 1.72 0.00 | 26.15 1.88 0.00 | 25.50 1.59 0.00 | 31.20 1.78 0.00 | 31.40 1.74 0.00 | 28.83 1.61 0.00 | 26.41 1.29 0.00 | 21.17 1.08 0.00 |
| INGHAM_C_115KV_TB7 356103 | 25.84 0.27 0.00 | 24.90 0.15 0.00 | 21.09 0.09 0.00 | 18.74 0.07 0.00 | 16.96 0.14 0.00 | 13.51 0.10 0.00 | 16.49 -0.04 0.00 | 15.83 -0.14 0.00 | 14.87 -0.20 0.00 | 13.77 -0.16 0.00 | 13.86 -0.26 0.00 | 15.09 -0.23 0.00 | 15.71 -0.19 0.00 | 16.05 -0.12 0.00 | 16.70 -0.14 0.00 | 19.15 -0.04 0.00 | 21.54 -0.02 0.00 | 24.37 0.09 0.00 | 24.05 0.14 0.00 | 29.61 0.20 0.00 | 29.84 0.18 0.00 | 27.34 0.11 0.00 | 24.95 -0.17 0.00 | 20.02 -0.07 0.00 |
| IP CORINTH___1 23988 | 27.03 1.46 0.00 | 26.06 1.32 0.00 | 22.15 1.15 0.00 | 19.62 0.95 0.00 | 17.65 0.82 0.00 | 13.98 0.58 0.00 | 17.10 0.56 0.00 | 16.48 0.51 0.00 | 15.61 0.54 0.00 | 14.41 0.48 0.00 | 14.50 0.38 0.00 | 15.75 0.43 0.00 | 16.34 0.44 0.00 | 16.61 0.44 0.00 | 17.26 0.43 0.00 | 19.71 0.55 0.03 | 22.34 0.79 0.00 | 25.35 1.08 0.00 | 25.23 1.32 0.00 | 30.95 1.54 0.00 | 31.14 1.48 0.00 | 28.43 1.21 0.00 | 26.01 0.89 0.00 | 20.86 0.77 0.00 |
| IP___TICONDEROGA 23804 | 28.72 3.15 0.00 | 27.64 2.89 0.00 | 23.57 2.57 0.00 | 20.76 2.09 0.00 | 18.56 1.73 0.00 | 14.67 1.27 0.00 | 17.90 1.36 0.00 | 17.28 1.32 0.00 | 16.40 1.33 0.00 | 15.13 1.20 0.00 | 15.29 1.18 0.00 | 16.68 1.36 0.00 | 17.28 1.38 0.00 | 17.57 1.40 0.00 | 18.15 1.31 0.00 | 20.82 1.67 0.03 | 23.72 2.16 0.00 | 27.13 2.85 0.00 | 26.99 3.08 0.00 | 33.11 3.70 0.00 | 33.24 3.58 0.00 | 30.03 2.81 0.00 | 27.47 2.35 0.00 | 22.14 2.05 0.00 |
| ISLIP_RES_REC 323679 | 117.77 3.11 -89.09 | 80.06 2.91 -52.40 | 31.52 2.08 -8.44 | 20.71 2.04 0.00 | 18.63 1.81 0.00 | 14.83 1.43 0.00 | 18.09 1.55 0.00 | 17.67 1.70 -0.01 | 16.85 1.77 -0.01 | 15.39 1.46 0.00 | 15.37 1.26 0.00 | 16.72 1.40 0.00 | 17.35 1.45 0.00 | 17.91 1.74 0.00 | 18.80 1.96 0.00 | 21.56 2.35 -0.03 | 24.00 2.45 0.00 | 27.17 2.89 0.00 | 26.49 2.58 0.00 | 32.36 2.95 0.00 | 34.69 3.05 -1.98 | 46.43 2.84 -16.36 | 27.49 2.37 0.00 | 21.98 1.89 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 27.83 2.26 0.00 | 26.79 2.05 0.00 | 22.60 1.60 0.00 | 20.07 1.40 0.00 | 18.10 1.27 0.00 | 14.34 0.94 0.00 | 17.57 1.03 0.00 | 17.04 1.07 0.00 | 16.25 1.19 0.00 | 15.05 1.12 0.00 | 15.27 1.16 0.00 | 16.55 1.23 0.00 | 17.27 1.36 0.00 | 17.67 1.49 0.00 | 18.44 1.60 0.00 | 21.11 1.90 -0.03 | 23.65 2.10 0.00 | 26.50 2.23 0.00 | 25.83 1.92 0.00 | 31.60 2.19 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.87 1.76 0.00 | 21.51 1.42 0.00 |
| JANIS___SOLAR 323808 | 26.46 0.90 0.00 | 25.59 0.84 0.00 | 21.70 0.70 0.00 | 19.28 0.61 0.00 | 17.36 0.54 0.00 | 13.85 0.45 0.00 | 17.07 0.54 0.00 | 16.54 0.58 0.00 | 15.56 0.50 0.00 | 14.29 0.37 0.00 | 14.39 0.28 0.00 | 15.62 0.29 0.00 | 16.21 0.30 0.00 | 16.50 0.33 0.00 | 17.18 0.34 0.00 | 19.72 0.54 0.00 | 22.07 0.52 0.00 | 25.05 0.77 0.00 | 24.87 0.97 0.00 | 30.76 1.35 0.00 | 31.12 1.46 0.00 | 28.47 1.25 0.00 | 26.28 1.16 0.00 | 21.00 0.91 0.00 |
| JARVIS____ 23743 | 25.61 0.05 0.00 | 24.78 0.03 0.00 | 21.02 0.02 0.00 | 18.69 0.02 0.00 | 16.85 0.02 0.00 | 13.43 0.03 0.00 | 16.54 0.00 0.00 | 15.97 0.00 0.00 | 15.07 0.00 0.00 | 13.94 0.01 0.00 | 14.11 0.00 0.00 | 15.32 0.00 0.00 | 15.92 0.02 0.00 | 16.19 0.02 0.00 | 16.86 0.02 0.00 | 19.22 0.04 0.00 | 21.60 0.04 0.00 | 24.32 0.05 0.00 | 23.96 0.05 0.00 | 29.47 0.06 0.00 | 29.71 0.04 0.00 | 27.25 0.03 0.00 | 25.11 0.00 0.00 | 20.10 0.01 0.00 |
| JENNISON___1 23625 | 26.67 1.11 0.00 | 25.79 1.05 0.00 | 21.87 0.86 0.00 | 19.43 0.76 0.00 | 17.50 0.67 0.00 | 13.95 0.55 0.00 | 17.19 0.65 0.00 | 16.66 0.69 0.00 | 15.75 0.68 0.00 | 14.50 0.58 0.00 | 14.69 0.57 0.00 | 15.94 0.61 0.00 | 16.54 0.64 0.00 | 16.84 0.66 0.00 | 17.54 0.71 0.00 | 20.09 0.90 0.00 | 22.53 0.98 0.00 | 25.45 1.18 0.00 | 25.14 1.23 0.00 | 30.98 1.57 0.00 | 31.26 1.60 0.00 | 28.60 1.37 0.00 | 26.35 1.23 0.00 | 21.07 0.98 0.00 |
| JENNISON___2 23626 | 26.67 1.11 0.00 | 25.79 1.05 0.00 | 21.87 0.86 0.00 | 19.43 0.76 0.00 | 17.50 0.67 0.00 | 13.95 0.55 0.00 | 17.19 0.65 0.00 | 16.66 0.69 0.00 | 15.75 0.68 0.00 | 14.50 0.58 0.00 | 14.69 0.57 0.00 | 15.94 0.61 0.00 | 16.54 0.64 0.00 | 16.84 0.66 0.00 | 17.54 0.71 0.00 | 20.09 0.90 0.00 | 22.53 0.98 0.00 | 25.45 1.18 0.00 | 25.14 1.23 0.00 | 30.98 1.57 0.00 | 31.26 1.60 0.00 | 28.60 1.37 0.00 | 26.35 1.23 0.00 | 21.07 0.98 0.00 |

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|---|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| JERICO_RISE_WT_PWR 323719 | 25.53 -0.03 0.00 | 24.74 -0.01 0.00 | 21.08 0.07 0.00 | 18.72 0.05 0.00 | 16.83 0.01 0.00 | 13.38 -0.02 0.00 | 16.66 0.12 0.00 | 16.08 0.12 0.00 | 15.14 0.08 0.00 | 13.92 -0.01 0.00 | 14.14 0.03 0.00 | 15.36 0.04 0.00 | 15.87 -0.04 0.00 | 16.08 -0.09 0.00 | 16.70 -0.14 0.00 | 19.01 -0.17 0.00 | 21.36 -0.19 0.00 | 24.12 -0.16 0.00 | 23.77 -0.14 0.00 | 29.36 -0.05 0.00 | 29.56 -0.10 0.00 | 27.17 -0.06 0.00 | 25.41 0.30 0.00 | 19.91 -0.18 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 27.62 2.06 0.00 | 26.62 1.88 0.00 | 22.45 1.45 0.00 | 19.93 1.26 0.00 | 17.97 1.14 0.00 | 14.26 0.86 0.00 | 17.47 0.94 0.00 | 16.92 0.95 0.00 | 16.10 1.04 0.00 | 14.92 1.00 0.00 | 15.13 1.02 0.00 | 16.42 1.10 0.00 | 17.11 1.20 0.00 | 17.50 1.33 0.00 | 18.27 1.44 0.00 | 20.91 1.70 -0.03 | 23.45 1.89 0.00 | 26.35 2.08 0.00 | 25.72 1.81 0.00 | 31.45 2.04 0.00 | 31.67 2.00 0.00 | 29.06 1.83 0.00 | 26.61 1.49 0.00 | 21.32 1.23 0.00 |
| KCE_NY_1 323755 | 27.09 1.53 0.00 | 26.19 1.44 0.00 | 22.24 1.23 0.00 | 19.71 1.05 0.00 | 17.77 0.94 0.00 | 14.10 0.70 0.00 | 17.28 0.75 0.00 | 16.66 0.69 0.00 | 15.74 0.67 0.00 | 14.54 0.61 0.00 | 14.70 0.59 0.00 | 15.96 0.64 0.00 | 16.56 0.66 0.00 | 16.87 0.70 0.00 | 17.56 0.73 0.00 | 20.02 0.86 0.03 | 22.63 1.08 0.00 | 25.59 1.32 0.00 | 25.32 1.41 0.00 | 31.08 1.67 0.00 | 31.29 1.63 0.00 | 28.66 1.43 0.00 | 26.26 1.14 0.00 | 21.06 0.97 0.00 |
| KCE_NY_6_ESR 323823 | 25.20 -0.36 0.00 | 24.39 -0.35 0.00 | 20.65 -0.35 0.00 | 18.33 -0.34 0.00 | 16.41 -0.41 0.00 | 13.06 -0.34 0.00 | 16.13 -0.41 0.00 | 15.71 -0.26 0.00 | 15.12 0.05 0.00 | 13.98 0.06 0.00 | 14.15 0.03 0.00 | 15.35 0.03 0.00 | 15.94 0.03 0.00 | 16.10 -0.08 0.00 | 16.77 -0.06 0.00 | 19.15 -0.03 0.00 | 21.31 -0.24 0.00 | 23.91 -0.37 0.00 | 23.38 -0.53 0.00 | 28.86 -0.55 0.00 | 29.26 -0.40 0.00 | 26.89 -0.34 0.00 | 25.47 0.35 0.00 | 20.65 0.57 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 117.55 2.90 -89.09 | 79.89 2.74 -52.40 | 31.39 1.94 -8.44 | 20.58 1.91 0.00 | 18.52 1.69 0.00 | 14.74 1.34 0.00 | 17.99 1.45 0.00 | 17.57 1.60 -0.01 | 16.75 1.68 -0.01 | 15.31 1.38 0.00 | 15.29 1.18 0.00 | 16.63 1.31 0.00 | 17.26 1.35 0.00 | 17.81 1.64 0.00 | 18.68 1.85 0.00 | 21.42 2.21 -0.03 | 23.83 2.27 0.00 | 26.95 2.67 0.00 | 26.26 2.35 0.00 | 32.09 2.67 0.00 | 34.43 2.78 -1.98 | 46.21 2.62 -16.36 | 27.31 2.19 0.00 | 21.84 1.75 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 117.55 2.90 -89.09 | 79.89 2.74 -52.40 | 31.39 1.94 -8.44 | 20.58 1.91 0.00 | 18.52 1.69 0.00 | 14.74 1.34 0.00 | 17.99 1.45 0.00 | 17.57 1.60 -0.01 | 16.75 1.68 -0.01 | 15.31 1.38 0.00 | 15.29 1.18 0.00 | 16.63 1.31 0.00 | 17.26 1.35 0.00 | 17.81 1.64 0.00 | 18.68 1.85 0.00 | 21.42 2.21 -0.03 | 23.83 2.27 0.00 | 26.95 2.67 0.00 | 26.26 2.35 0.00 | 32.09 2.67 0.00 | 34.43 2.78 -1.98 | 46.21 2.62 -16.36 | 27.31 2.19 0.00 | 21.84 1.75 0.00 |
| KEDC_GLWD_GT4 24219 | 117.08 2.42 -89.09 | 79.37 2.23 -52.40 | 31.08 1.64 -8.44 | 20.16 1.49 0.00 | 18.16 1.34 0.00 | 14.43 1.03 0.00 | 17.65 1.12 0.00 | 17.13 1.16 0.00 | 16.32 1.26 0.00 | 15.08 1.15 0.00 | 15.24 1.13 0.00 | 16.57 1.24 0.00 | 17.25 1.34 0.00 | 17.70 1.53 0.00 | 18.51 1.68 0.00 | 21.06 1.85 -0.03 | 23.53 1.97 0.00 | 26.47 2.20 0.00 | 25.79 1.88 0.00 | 31.53 2.12 0.00 | 33.81 2.17 -1.98 | 45.79 2.20 -16.36 | 26.94 1.82 0.00 | 21.56 1.47 0.00 |
| KEDC_GLWD_GT5 24220 | 117.08 2.42 -89.09 | 79.37 2.23 -52.40 | 31.08 1.64 -8.44 | 20.16 1.49 0.00 | 18.16 1.34 0.00 | 14.43 1.03 0.00 | 17.65 1.12 0.00 | 17.13 1.16 0.00 | 16.32 1.26 0.00 | 15.08 1.15 0.00 | 15.24 1.13 0.00 | 16.57 1.24 0.00 | 17.25 1.34 0.00 | 17.70 1.53 0.00 | 18.51 1.68 0.00 | 21.06 1.85 -0.03 | 23.53 1.97 0.00 | 26.47 2.20 0.00 | 25.79 1.88 0.00 | 31.53 2.12 0.00 | 33.81 2.17 -1.98 | 45.79 2.20 -16.36 | 26.94 1.82 0.00 | 21.56 1.47 0.00 |
| KENSICO____ 23655 | 27.52 1.96 0.00 | 26.52 1.78 0.00 | 22.38 1.38 0.00 | 19.87 1.21 0.00 | 17.91 1.09 0.00 | 14.22 0.82 0.00 | 17.42 0.88 0.00 | 16.88 0.91 0.00 | 16.07 1.01 0.00 | 14.88 0.96 0.00 | 15.09 0.97 0.00 | 16.37 1.05 0.00 | 17.06 1.16 0.00 | 17.46 1.28 0.00 | 18.22 1.39 0.00 | 20.85 1.65 -0.03 | 23.37 1.82 0.00 | 26.24 1.96 0.00 | 25.59 1.68 0.00 | 31.30 1.89 0.00 | 31.52 1.86 0.00 | 28.95 1.72 0.00 | 26.53 1.41 0.00 | 21.25 1.16 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 27.62 2.06 0.00 | 26.58 1.83 0.00 | 22.42 1.42 0.00 | 19.89 1.22 0.00 | 17.90 1.07 0.00 | 14.21 0.81 0.00 | 17.43 0.89 0.00 | 16.88 0.91 0.00 | 16.05 0.98 0.00 | 14.95 1.02 0.00 | 15.07 0.96 0.00 | 16.31 0.99 0.00 | 17.02 1.11 0.00 | 17.39 1.22 0.00 | 18.15 1.32 0.00 | 20.78 1.58 -0.01 | 23.42 1.87 0.00 | 26.43 2.15 0.00 | 25.86 1.95 0.00 | 31.71 2.29 0.00 | 31.91 2.24 0.00 | 29.24 2.02 0.00 | 26.76 1.64 0.00 | 21.38 1.29 0.00 |
| KIAC_JFK_GT1 23816 | 27.71 2.15 0.00 | 26.69 1.95 0.00 | 22.52 1.52 0.00 | 20.00 1.33 0.00 | 18.04 1.21 0.00 | 14.29 0.89 0.00 | 17.52 0.98 0.00 | 16.98 1.01 0.00 | 16.20 1.13 0.00 | 15.01 1.08 0.00 | 15.22 1.10 0.00 | 16.50 1.17 0.00 | 17.21 1.31 0.00 | 17.61 1.43 0.00 | 18.37 1.54 0.00 | 21.03 1.82 -0.03 | 23.56 2.01 0.00 | 26.36 2.08 0.00 | 25.68 1.77 0.00 | 31.39 1.98 0.00 | 31.60 1.93 0.00 | 29.05 1.82 0.00 | 26.69 1.58 0.00 | 21.36 1.27 0.00 |
| KIAC_JFK_GT2 23817 | 27.71 2.15 0.00 | 26.69 1.95 0.00 | 22.52 1.52 0.00 | 20.00 1.33 0.00 | 18.04 1.21 0.00 | 14.29 0.89 0.00 | 17.52 0.98 0.00 | 16.98 1.01 0.00 | 16.20 1.13 0.00 | 15.01 1.08 0.00 | 15.22 1.10 0.00 | 16.50 1.17 0.00 | 17.21 1.31 0.00 | 17.61 1.43 0.00 | 18.37 1.54 0.00 | 21.03 1.82 -0.03 | 23.56 2.01 0.00 | 26.36 2.08 0.00 | 25.68 1.77 0.00 | 31.39 1.98 0.00 | 31.60 1.93 0.00 | 29.05 1.82 0.00 | 26.69 1.58 0.00 | 21.36 1.27 0.00 |
| KIAC_JFK____ 323774 | 27.72 2.15 0.00 | 26.69 1.95 0.00 | 22.52 1.52 0.00 | 20.00 1.33 0.00 | 18.04 1.21 0.00 | 14.29 0.89 0.00 | 17.52 0.98 0.00 | 16.98 1.01 0.00 | 16.20 1.13 0.00 | 15.00 1.07 0.00 | 15.22 1.11 0.00 | 16.50 1.17 0.00 | 17.21 1.31 0.00 | 17.61 1.43 0.00 | 18.37 1.54 0.00 | 21.03 1.82 -0.03 | 23.56 2.01 0.00 | 26.36 2.08 0.00 | 25.68 1.77 0.00 | 31.39 1.98 0.00 | 31.59 1.93 0.00 | 29.05 1.82 0.00 | 26.69 1.58 0.00 | 21.36 1.27 0.00 |
| KINTIGH____ 23543 | 24.83 -0.74 0.00 | 24.06 -0.68 0.00 | 20.39 -0.61 0.00 | 18.12 -0.54 0.00 | 16.24 -0.59 0.00 | 12.93 -0.47 0.00 | 15.96 -0.58 0.00 | 15.50 -0.47 0.00 | 14.88 -0.19 0.00 | 13.73 -0.20 0.00 | 13.93 -0.18 0.00 | 15.10 -0.23 0.00 | 15.66 -0.25 0.00 | 15.81 -0.36 0.00 | 16.47 -0.36 0.00 | 18.76 -0.42 0.00 | 20.93 -0.63 0.00 | 23.48 -0.79 0.00 | 23.02 -0.89 0.00 | 28.40 -1.01 0.00 | 28.81 -0.86 0.00 | 26.51 -0.72 0.00 | 25.04 -0.08 0.00 | 20.29 0.20 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 25.76 0.20 0.00 | 24.93 0.19 0.00 | 21.27 0.27 0.00 | 18.88 0.21 0.00 | 16.97 0.14 0.00 | 13.50 0.10 0.00 | 16.77 0.24 0.00 | 16.19 0.23 0.00 | 15.26 0.19 0.00 | 14.02 0.09 0.00 | 14.27 0.16 0.00 | 15.49 0.16 0.00 | 16.01 0.11 0.00 | 16.24 0.06 0.00 | 16.84 0.01 0.00 | 19.21 0.03 0.00 | 21.61 0.06 0.00 | 24.44 0.17 0.00 | 24.14 0.24 0.00 | 29.85 0.44 0.00 | 30.08 0.41 0.00 | 27.57 0.34 0.00 | 25.82 0.70 0.00 | 20.22 0.13 0.00 |

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| LACHUTE____HYDRO 323717 | 28.72 3.15 0.00 | 27.64 2.89 0.00 | 23.57 2.57 0.00 | 20.76 2.09 0.00 | 18.56 1.73 0.00 | 14.67 1.27 0.00 | 17.90 1.36 0.00 | 17.28 1.31 0.00 | 16.40 1.33 0.00 | 15.12 1.19 0.00 | 15.30 1.18 0.00 | 16.68 1.36 0.00 | 17.28 1.38 0.00 | 17.57 1.40 0.00 | 18.15 1.31 0.00 | 20.82 1.67 0.03 | 23.72 2.16 0.00 | 27.13 2.85 0.00 | 26.99 3.08 0.00 | 33.11 3.70 0.00 | 33.24 3.58 0.00 | 30.03 2.81 0.00 | 27.47 2.35 0.00 | 22.14 2.05 0.00 |
| LAWRNCAV_115KV_TB1 80681 | 25.68 0.12 0.00 | 24.81 0.07 0.00 | 21.14 0.14 0.00 | 18.77 0.11 0.00 | 16.85 0.02 0.00 | 13.46 0.06 0.00 | 16.72 0.18 0.00 | 16.08 0.11 0.00 | 15.16 0.09 0.00 | 13.95 0.02 0.00 | 14.11 0.00 0.00 | 15.40 0.07 0.00 | 15.96 0.05 0.00 | 16.16 -0.02 0.00 | 16.75 -0.08 0.00 | 19.11 -0.08 0.00 | 21.47 -0.08 0.00 | 24.18 -0.09 0.00 | 23.84 -0.07 0.00 | 29.44 0.02 0.00 | 29.76 0.09 0.00 | 27.33 0.10 0.00 | 25.29 0.18 0.00 | 20.00 -0.09 0.00 |
| LEDERLE____ 23769 | 27.51 1.94 0.00 | 26.51 1.77 0.00 | 22.38 1.38 0.00 | 19.87 1.20 0.00 | 17.90 1.07 0.00 | 14.21 0.81 0.00 | 17.43 0.89 0.00 | 16.88 0.91 0.00 | 16.10 1.03 0.00 | 14.91 0.99 0.00 | 15.13 1.01 0.00 | 16.42 1.10 0.00 | 17.12 1.22 0.00 | 17.52 1.35 0.00 | 18.30 1.47 0.00 | 20.93 1.72 -0.02 | 23.48 1.93 0.00 | 26.39 2.11 0.00 | 25.75 1.85 0.00 | 31.55 2.14 0.00 | 31.76 2.09 0.00 | 29.11 1.88 0.00 | 26.64 1.52 0.00 | 21.35 1.26 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 25.34 -0.22 0.00 | 24.50 -0.25 0.00 | 20.79 -0.21 0.00 | 18.48 -0.18 0.00 | 16.65 -0.18 0.00 | 13.32 -0.08 0.00 | 16.39 -0.15 0.00 | 15.83 -0.13 0.00 | 14.95 -0.12 0.00 | 13.79 -0.14 0.00 | 13.94 -0.17 0.00 | 15.14 -0.18 0.00 | 15.70 -0.20 0.00 | 15.93 -0.25 0.00 | 16.59 -0.24 0.00 | 18.81 -0.37 0.00 | 21.06 -0.50 0.00 | 23.78 -0.49 0.00 | 23.48 -0.43 0.00 | 29.01 -0.40 0.00 | 29.38 -0.28 0.00 | 26.92 -0.31 0.00 | 24.87 -0.25 0.00 | 19.89 -0.20 0.00 |
| LINDEN COGEN____ 23786 | 27.55 1.99 0.00 | 26.54 1.79 0.00 | 22.37 1.37 0.00 | 19.86 1.19 0.00 | 17.91 1.08 0.00 | 14.22 0.82 0.00 | 17.41 0.87 0.00 | 16.87 0.90 0.00 | 16.09 1.03 0.00 | 14.93 1.01 0.00 | 15.15 1.04 0.00 | 16.43 1.11 0.00 | 17.13 1.23 0.00 | 17.54 1.37 0.00 | 18.28 1.44 0.00 | 20.92 1.71 0.00 | 23.42 1.87 0.00 | 26.25 1.98 0.00 | 25.57 1.66 0.00 | 31.27 1.86 0.00 | 31.46 1.79 0.00 | 28.90 1.67 0.00 | 26.50 1.38 0.00 | 21.23 1.14 0.00 |
| LINDHRST_69_KV_BK1 356055 | 117.63 2.97 -89.09 | 79.92 2.77 -52.40 | 31.41 1.97 -8.44 | 20.53 1.87 0.00 | 18.48 1.65 0.00 | 14.70 1.30 0.00 | 17.95 1.41 0.00 | 17.47 1.51 0.00 | 16.66 1.59 0.00 | 15.30 1.37 0.00 | 15.35 1.24 0.00 | 16.69 1.37 0.00 | 17.36 1.46 0.00 | 17.89 1.71 0.00 | 18.75 1.92 0.00 | 21.50 2.29 -0.03 | 23.92 2.37 0.00 | 27.04 2.76 0.00 | 26.33 2.42 0.00 | 32.21 2.80 0.00 | 34.55 2.90 -1.98 | 46.31 2.72 -16.36 | 27.44 2.32 0.00 | 21.92 1.83 0.00 |
| LIPA_MISC_IPP 23656 | 117.45 2.79 -89.09 | 79.76 2.61 -52.40 | 31.29 1.85 -8.44 | 20.56 1.89 0.00 | 18.51 1.68 0.00 | 14.73 1.33 0.00 | 17.98 1.44 0.00 | 17.59 1.62 -0.01 | 16.78 1.70 -0.01 | 15.27 1.34 0.00 | 15.21 1.10 0.00 | 16.54 1.22 0.00 | 17.15 1.24 0.00 | 17.69 1.52 0.00 | 18.57 1.73 0.00 | 21.29 2.08 -0.03 | 23.69 2.14 0.00 | 26.81 2.54 0.00 | 26.14 2.23 0.00 | 31.95 2.54 0.00 | 34.27 2.63 -1.98 | 46.06 2.47 -16.36 | 27.17 2.05 0.00 | 21.73 1.64 0.00 |
| LISF____SOLAR 323691 | 117.52 2.87 -89.09 | 79.83 2.68 -52.40 | 31.35 1.91 -8.44 | 20.61 1.94 0.00 | 18.55 1.72 0.00 | 14.76 1.36 0.00 | 18.02 1.48 0.00 | 17.63 1.66 -0.01 | 16.81 1.74 -0.01 | 15.29 1.36 0.00 | 15.23 1.12 0.00 | 16.56 1.24 0.00 | 17.15 1.25 0.00 | 17.70 1.53 0.00 | 18.59 1.75 0.00 | 21.32 2.11 -0.03 | 23.74 2.18 0.00 | 26.87 2.60 0.00 | 26.21 2.30 0.00 | 32.04 2.63 0.00 | 34.37 2.72 -1.98 | 46.14 2.55 -16.36 | 27.24 2.12 0.00 | 21.77 1.68 0.00 |
| LITTLE FALLS____HYD 24013 | 25.84 0.27 0.00 | 24.90 0.15 0.00 | 21.09 0.09 0.00 | 18.74 0.07 0.00 | 16.96 0.14 0.00 | 13.51 0.10 0.00 | 16.49 -0.04 0.00 | 15.83 -0.14 0.00 | 14.87 -0.20 0.00 | 13.77 -0.16 0.00 | 13.86 -0.26 0.00 | 15.09 -0.23 0.00 | 15.71 -0.19 0.00 | 16.05 -0.12 0.00 | 16.70 -0.14 0.00 | 19.15 -0.04 0.00 | 21.54 -0.02 0.00 | 24.37 0.09 0.00 | 24.05 0.14 0.00 | 29.61 0.20 0.00 | 29.84 0.18 0.00 | 27.34 0.11 0.00 | 24.95 -0.17 0.00 | 20.02 -0.07 0.00 |
| LITTLRIV_115KV_TB1 356100 | 25.96 0.39 0.00 | 25.09 0.34 0.00 | 21.36 0.35 0.00 | 18.97 0.30 0.00 | 17.03 0.20 0.00 | 13.60 0.19 0.00 | 16.90 0.37 0.00 | 16.24 0.27 0.00 | 15.30 0.23 0.00 | 14.08 0.16 0.00 | 14.25 0.14 0.00 | 15.55 0.23 0.00 | 16.12 0.22 0.00 | 16.33 0.16 0.00 | 16.93 0.10 0.00 | 19.31 0.12 0.00 | 21.71 0.15 0.00 | 24.44 0.16 0.00 | 24.11 0.20 0.00 | 29.79 0.38 0.00 | 30.15 0.48 0.00 | 27.69 0.46 0.00 | 25.61 0.49 0.00 | 20.23 0.14 0.00 |
| LI_NEWBRDGE____DRP 323616 | 117.09 2.43 -89.09 | 79.42 2.27 -52.40 | 31.01 1.56 -8.44 | 20.15 1.48 0.00 | 18.15 1.32 0.00 | 14.43 1.03 0.00 | 17.64 1.10 0.00 | 17.14 1.18 0.00 | 16.33 1.27 0.00 | 15.03 1.10 0.00 | 15.12 1.00 0.00 | 16.44 1.12 0.00 | 17.10 1.19 0.00 | 17.58 1.41 0.00 | 18.41 1.58 0.00 | 21.06 1.85 -0.03 | 23.44 1.89 0.00 | 26.44 2.17 0.00 | 25.75 1.84 0.00 | 31.52 2.10 0.00 | 33.83 2.18 -1.98 | 45.69 2.10 -16.36 | 26.88 1.76 0.00 | 21.50 1.41 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 24.83 -0.73 0.00 | 24.07 -0.67 0.00 | 20.39 -0.61 0.00 | 18.11 -0.56 0.00 | 16.21 -0.61 0.00 | 12.90 -0.50 0.00 | 15.93 -0.61 0.00 | 15.49 -0.47 0.00 | 14.90 -0.16 0.00 | 13.71 -0.21 0.00 | 13.96 -0.16 0.00 | 15.11 -0.21 0.00 | 15.66 -0.24 0.00 | 15.78 -0.39 0.00 | 16.46 -0.38 0.00 | 18.74 -0.44 0.00 | 20.89 -0.66 0.00 | 23.41 -0.87 0.00 | 22.95 -0.96 0.00 | 28.35 -1.06 0.00 | 28.81 -0.86 0.00 | 26.55 -0.68 0.00 | 25.23 0.11 0.00 | 20.49 0.41 0.00 |
| LOCKPORT____CC1 323769 | 24.83 -0.73 0.00 | 24.07 -0.67 0.00 | 20.39 -0.61 0.00 | 18.11 -0.56 0.00 | 16.22 -0.61 0.00 | 12.90 -0.50 0.00 | 15.93 -0.61 0.00 | 15.49 -0.47 0.00 | 14.91 -0.16 0.00 | 13.76 -0.17 0.00 | 13.94 -0.17 0.00 | 15.11 -0.21 0.00 | 15.67 -0.23 0.00 | 15.79 -0.39 0.00 | 16.46 -0.38 0.00 | 18.75 -0.44 0.00 | 20.89 -0.66 0.00 | 23.41 -0.87 0.00 | 22.94 -0.97 0.00 | 28.34 -1.07 0.00 | 28.79 -0.88 0.00 | 26.53 -0.69 0.00 | 25.21 0.09 0.00 | 20.48 0.39 0.00 |
| LOCKPORT____CC2 323770 | 24.83 -0.73 0.00 | 24.07 -0.67 0.00 | 20.39 -0.61 0.00 | 18.11 -0.56 0.00 | 16.22 -0.61 0.00 | 12.90 -0.50 0.00 | 15.93 -0.61 0.00 | 15.49 -0.47 0.00 | 14.91 -0.16 0.00 | 13.76 -0.17 0.00 | 13.94 -0.17 0.00 | 15.11 -0.21 0.00 | 15.67 -0.23 0.00 | 15.79 -0.39 0.00 | 16.46 -0.38 0.00 | 18.75 -0.44 0.00 | 20.89 -0.66 0.00 | 23.41 -0.87 0.00 | 22.94 -0.97 0.00 | 28.34 -1.07 0.00 | 28.79 -0.88 0.00 | 26.53 -0.69 0.00 | 25.21 0.09 0.00 | 20.48 0.39 0.00 |
| LOCKPORT____CC3 323771 | 24.83 -0.73 0.00 | 24.07 -0.67 0.00 | 20.39 -0.61 0.00 | 18.11 -0.56 0.00 | 16.22 -0.61 0.00 | 12.90 -0.50 0.00 | 15.93 -0.61 0.00 | 15.49 -0.47 0.00 | 14.91 -0.16 0.00 | 13.76 -0.17 0.00 | 13.94 -0.17 0.00 | 15.11 -0.21 0.00 | 15.67 -0.23 0.00 | 15.79 -0.39 0.00 | 16.46 -0.38 0.00 | 18.75 -0.44 0.00 | 20.89 -0.66 0.00 | 23.41 -0.87 0.00 | 22.94 -0.97 0.00 | 28.34 -1.07 0.00 | 28.79 -0.88 0.00 | 26.53 -0.69 0.00 | 25.21 0.09 0.00 | 20.48 0.39 0.00 |

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| LONG_LAKE_PHOENIX 24014 | 25.03 -0.54 0.00 | 24.23 -0.51 0.00 | 20.57 -0.43 0.00 | 18.29 -0.38 0.00 | 16.49 -0.33 0.00 | 13.16 -0.24 0.00 | 16.19 -0.35 0.00 | 15.65 -0.31 0.00 | 14.82 -0.25 0.00 | 13.71 -0.22 0.00 | 13.88 -0.23 0.00 | 15.06 -0.26 0.00 | 15.62 -0.29 0.00 | 15.86 -0.31 0.00 | 16.51 -0.33 0.00 | 18.78 -0.40 0.00 | 21.07 -0.49 0.00 | 23.75 -0.52 0.00 | 23.41 -0.50 0.00 | 28.82 -0.59 0.00 | 29.09 -0.57 0.00 | 26.67 -0.56 0.00 | 24.67 -0.45 0.00 | 19.80 -0.29 0.00 |
| LOVETT___3 23632 | 27.34 1.77 0.00 | 26.36 1.62 0.00 | 22.26 1.26 0.00 | 19.76 1.09 0.00 | 17.81 0.99 0.00 | 14.14 0.74 0.00 | 17.34 0.80 0.00 | 16.80 0.83 0.00 | 16.01 0.94 0.00 | 14.82 0.90 0.00 | 15.03 0.92 0.00 | 16.31 0.99 0.00 | 17.00 1.10 0.00 | 17.40 1.23 0.00 | 18.16 1.33 0.00 | 20.77 1.57 -0.02 | 23.29 1.74 0.00 | 26.17 1.90 0.00 | 25.52 1.61 0.00 | 31.20 1.79 0.00 | 31.41 1.75 0.00 | 28.82 1.59 0.00 | 26.39 1.27 0.00 | 21.15 1.06 0.00 |
| LOVETT___4 23642 | 27.34 1.77 0.00 | 26.36 1.62 0.00 | 22.26 1.26 0.00 | 19.76 1.09 0.00 | 17.81 0.99 0.00 | 14.14 0.74 0.00 | 17.34 0.80 0.00 | 16.80 0.83 0.00 | 16.01 0.94 0.00 | 14.82 0.90 0.00 | 15.03 0.92 0.00 | 16.31 0.99 0.00 | 17.00 1.10 0.00 | 17.40 1.23 0.00 | 18.16 1.33 0.00 | 20.77 1.57 -0.02 | 23.29 1.74 0.00 | 26.17 1.90 0.00 | 25.52 1.61 0.00 | 31.20 1.79 0.00 | 31.41 1.75 0.00 | 28.82 1.59 0.00 | 26.39 1.27 0.00 | 21.15 1.06 0.00 |
| LOVETT___5 23593 | 27.34 1.77 0.00 | 26.36 1.62 0.00 | 22.26 1.26 0.00 | 19.76 1.09 0.00 | 17.81 0.99 0.00 | 14.14 0.74 0.00 | 17.34 0.80 0.00 | 16.80 0.83 0.00 | 16.01 0.94 0.00 | 14.82 0.90 0.00 | 15.03 0.92 0.00 | 16.31 0.99 0.00 | 17.00 1.10 0.00 | 17.40 1.23 0.00 | 18.16 1.33 0.00 | 20.77 1.57 -0.02 | 23.29 1.74 0.00 | 26.17 1.90 0.00 | 25.52 1.61 0.00 | 31.20 1.79 0.00 | 31.41 1.75 0.00 | 28.82 1.59 0.00 | 26.39 1.27 0.00 | 21.15 1.06 0.00 |
| LOWER RAQUET___HYD 24057 | 25.69 0.12 0.00 | 24.81 0.07 0.00 | 21.15 0.14 0.00 | 18.78 0.12 0.00 | 16.85 0.02 0.00 | 13.46 0.07 0.00 | 16.73 0.19 0.00 | 16.07 0.11 0.00 | 15.16 0.09 0.00 | 13.95 0.02 0.00 | 14.10 -0.01 0.00 | 15.40 0.07 0.00 | 15.96 0.05 0.00 | 16.15 -0.03 0.00 | 16.74 -0.10 0.00 | 19.09 -0.09 0.00 | 21.46 -0.09 0.00 | 24.17 -0.11 0.00 | 23.83 -0.08 0.00 | 29.44 0.03 0.00 | 29.77 0.11 0.00 | 27.34 0.11 0.00 | 25.30 0.18 0.00 | 19.99 -0.09 0.00 |
| LOWER___HUDSON 24059 | 26.72 1.16 0.00 | 25.84 1.10 0.00 | 21.96 0.96 0.00 | 19.48 0.81 0.00 | 17.58 0.75 0.00 | 13.97 0.56 0.00 | 17.11 0.58 0.00 | 16.47 0.50 0.00 | 15.55 0.48 0.00 | 14.38 0.46 0.00 | 14.55 0.44 0.00 | 15.79 0.46 0.00 | 16.39 0.49 0.00 | 16.70 0.52 0.00 | 17.37 0.54 0.00 | 19.78 0.63 0.04 | 22.36 0.81 0.00 | 25.21 0.94 0.00 | 24.88 0.98 0.00 | 30.55 1.13 0.00 | 30.78 1.11 0.00 | 28.26 1.03 0.00 | 25.88 0.77 0.00 | 20.80 0.71 0.00 |
| LOWVILLE_115KV_TB2 356335 | 26.10 0.53 0.00 | 25.20 0.46 0.00 | 21.37 0.36 0.00 | 19.01 0.34 0.00 | 17.07 0.25 0.00 | 13.68 0.28 0.00 | 16.84 0.30 0.00 | 16.24 0.28 0.00 | 15.33 0.26 0.00 | 14.10 0.17 0.00 | 14.21 0.10 0.00 | 15.47 0.15 0.00 | 16.07 0.17 0.00 | 16.27 0.09 0.00 | 16.94 0.11 0.00 | 19.25 0.07 0.00 | 21.59 0.03 0.00 | 24.38 0.10 0.00 | 24.09 0.18 0.00 | 29.83 0.42 0.00 | 30.14 0.47 0.00 | 27.49 0.26 0.00 | 25.27 0.15 0.00 | 20.06 -0.03 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 27.09 1.53 0.00 | 26.17 1.43 0.00 | 22.22 1.22 0.00 | 19.71 1.04 0.00 | 17.77 0.94 0.00 | 14.10 0.70 0.00 | 17.28 0.75 0.00 | 16.65 0.69 0.00 | 15.73 0.66 0.00 | 14.54 0.62 0.00 | 14.70 0.58 0.00 | 15.96 0.64 0.00 | 16.56 0.66 0.00 | 16.87 0.69 0.00 | 17.56 0.72 0.00 | 20.02 0.86 0.03 | 22.64 1.08 0.00 | 25.59 1.31 0.00 | 25.30 1.39 0.00 | 31.06 1.65 0.00 | 31.28 1.61 0.00 | 28.65 1.42 0.00 | 26.25 1.13 0.00 | 21.05 0.96 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 27.09 1.53 0.00 | 26.19 1.44 0.00 | 22.24 1.23 0.00 | 19.71 1.05 0.00 | 17.77 0.94 0.00 | 14.11 0.70 0.00 | 17.28 0.75 0.00 | 16.66 0.69 0.00 | 15.74 0.67 0.00 | 14.54 0.62 0.00 | 14.70 0.59 0.00 | 15.96 0.64 0.00 | 16.56 0.66 0.00 | 16.87 0.70 0.00 | 17.56 0.73 0.00 | 20.02 0.86 0.03 | 22.63 1.08 0.00 | 25.59 1.32 0.00 | 25.32 1.41 0.00 | 31.08 1.67 0.00 | 31.29 1.63 0.00 | 28.66 1.43 0.00 | 26.26 1.14 0.00 | 21.06 0.97 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 25.87 0.31 0.00 | 24.98 0.24 0.00 | 21.24 0.23 0.00 | 18.87 0.20 0.00 | 16.94 0.11 0.00 | 13.57 0.17 0.00 | 16.77 0.23 0.00 | 16.15 0.18 0.00 | 15.22 0.15 0.00 | 13.99 0.07 0.00 | 14.11 0.00 0.00 | 15.40 0.07 0.00 | 15.97 0.07 0.00 | 16.15 -0.03 0.00 | 16.79 -0.05 0.00 | 19.10 -0.08 0.00 | 21.44 -0.12 0.00 | 24.19 -0.09 0.00 | 23.89 -0.02 0.00 | 29.57 0.16 0.00 | 29.91 0.24 0.00 | 27.37 0.14 0.00 | 25.24 0.12 0.00 | 20.00 -0.09 0.00 |
| LYONS_FALL_HYD 23570 | 26.11 0.54 0.00 | 25.22 0.47 0.00 | 21.38 0.38 0.00 | 19.02 0.35 0.00 | 17.10 0.28 0.00 | 13.68 0.28 0.00 | 16.84 0.30 0.00 | 16.26 0.29 0.00 | 15.34 0.27 0.00 | 14.13 0.21 0.00 | 14.27 0.16 0.00 | 15.52 0.19 0.00 | 16.13 0.22 0.00 | 16.36 0.18 0.00 | 17.03 0.19 0.00 | 19.39 0.20 0.00 | 21.75 0.20 0.00 | 24.56 0.28 0.00 | 24.26 0.35 0.00 | 29.99 0.58 0.00 | 30.29 0.63 0.00 | 27.67 0.44 0.00 | 25.45 0.34 0.00 | 20.26 0.17 0.00 |
| MADISON___COUNTY_LFGE 323628 | 26.08 0.51 0.00 | 25.20 0.45 0.00 | 21.38 0.38 0.00 | 19.00 0.34 0.00 | 17.12 0.30 0.00 | 13.65 0.25 0.00 | 16.82 0.28 0.00 | 16.25 0.29 0.00 | 15.33 0.26 0.00 | 14.16 0.23 0.00 | 14.34 0.23 0.00 | 15.57 0.25 0.00 | 16.19 0.28 0.00 | 16.46 0.29 0.00 | 17.14 0.31 0.00 | 19.56 0.38 0.00 | 21.97 0.42 0.00 | 24.78 0.51 0.00 | 24.45 0.54 0.00 | 30.20 0.79 0.00 | 30.49 0.82 0.00 | 27.91 0.69 0.00 | 25.72 0.60 0.00 | 20.55 0.46 0.00 |
| MALONE___115KV_TB1 356076 | 25.83 0.27 0.00 | 24.98 0.24 0.00 | 21.28 0.28 0.00 | 18.89 0.22 0.00 | 16.98 0.15 0.00 | 13.52 0.12 0.00 | 16.82 0.28 0.00 | 16.22 0.26 0.00 | 15.27 0.20 0.00 | 14.06 0.13 0.00 | 14.27 0.16 0.00 | 15.51 0.18 0.00 | 16.04 0.14 0.00 | 16.26 0.08 0.00 | 16.87 0.03 0.00 | 19.22 0.03 0.00 | 21.61 0.06 0.00 | 24.38 0.11 0.00 | 24.04 0.13 0.00 | 29.73 0.32 0.00 | 30.01 0.34 0.00 | 27.58 0.36 0.00 | 25.70 0.58 0.00 | 20.15 0.06 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 26.68 1.11 0.00 | 25.81 1.06 0.00 | 21.89 0.88 0.00 | 19.44 0.77 0.00 | 17.54 0.71 0.00 | 13.95 0.55 0.00 | 17.10 0.56 0.00 | 16.46 0.49 0.00 | 15.54 0.48 0.00 | 14.39 0.46 0.00 | 14.57 0.46 0.00 | 15.79 0.47 0.00 | 16.41 0.51 0.00 | 16.73 0.56 0.00 | 17.44 0.60 0.00 | 19.86 0.70 0.03 | 22.44 0.89 0.00 | 25.30 1.02 0.00 | 24.93 1.02 0.00 | 30.58 1.17 0.00 | 30.80 1.14 0.00 | 28.27 1.05 0.00 | 25.90 0.78 0.00 | 20.77 0.68 0.00 |
| MAPLE RIDGE_WT_1 323574 | 25.44 -0.13 0.00 | 24.65 -0.10 0.00 | 20.91 -0.09 0.00 | 18.57 -0.09 0.00 | 16.74 -0.08 0.00 | 13.35 -0.05 0.00 | 16.51 -0.03 0.00 | 15.93 -0.04 0.00 | 15.03 -0.04 0.00 | 13.87 -0.05 0.00 | 14.06 -0.05 0.00 | 15.28 -0.04 0.00 | 15.86 -0.05 0.00 | 16.11 -0.07 0.00 | 16.77 -0.07 0.00 | 19.09 -0.10 0.00 | 21.47 -0.09 0.00 | 24.15 -0.12 0.00 | 23.76 -0.15 0.00 | 29.26 -0.16 0.00 | 29.49 -0.17 0.00 | 27.01 -0.22 0.00 | 24.90 -0.22 0.00 | 19.84 -0.25 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MAPLE_RIDGE_WT_2 323611 | 25.44 -0.13 0.00 | 24.65 -0.10 0.00 | 20.91 -0.09 0.00 | 18.57 -0.09 0.00 | 16.74 -0.08 0.00 | 13.35 -0.05 0.00 | 16.51 -0.03 0.00 | 15.93 -0.04 0.00 | 15.03 -0.04 0.00 | 13.87 -0.05 0.00 | 14.06 -0.05 0.00 | 15.28 -0.04 0.00 | 15.86 -0.05 0.00 | 16.11 -0.07 0.00 | 16.77 -0.07 0.00 | 19.09 -0.10 0.00 | 21.47 -0.09 0.00 | 24.15 -0.12 0.00 | 23.76 -0.15 0.00 | 29.26 -0.16 0.00 | 29.49 -0.17 0.00 | 27.01 -0.22 0.00 | 24.90 -0.22 0.00 | 19.84 -0.25 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 25.56 0.00 0.00 | 24.75 0.01 0.00 | 21.11 0.11 0.00 | 18.75 0.08 0.00 | 16.85 0.02 0.00 | 13.40 0.00 0.00 | 16.67 0.13 0.00 | 16.10 0.13 0.00 | 15.16 0.10 0.00 | 13.94 0.01 0.00 | 14.17 0.05 0.00 | 15.38 0.06 0.00 | 15.89 -0.01 0.00 | 16.11 -0.07 0.00 | 16.73 -0.11 0.00 | 19.05 -0.13 0.00 | 21.40 -0.15 0.00 | 24.18 -0.09 0.00 | 23.85 -0.06 0.00 | 29.44 0.02 0.00 | 29.64 -0.03 0.00 | 27.23 0.00 0.00 | 25.48 0.36 0.00 | 19.96 -0.13 0.00 |
| MARSHVLE_115KV_TB1 80742 | 27.36 1.80 0.00 | 26.45 1.70 0.00 | 22.42 1.42 0.00 | 19.94 1.27 0.00 | 17.92 1.10 0.00 | 14.27 0.87 0.00 | 17.67 1.13 0.00 | 17.07 1.11 0.00 | 16.08 1.01 0.00 | 14.78 0.86 0.00 | 15.03 0.92 0.00 | 16.32 0.99 0.00 | 16.95 1.05 0.00 | 17.21 1.03 0.00 | 17.92 1.09 0.00 | 20.32 1.15 0.02 | 22.85 1.29 0.00 | 25.77 1.50 0.00 | 25.51 1.60 0.00 | 31.53 2.11 0.00 | 31.92 2.25 0.00 | 29.29 2.06 0.00 | 27.08 1.96 0.00 | 21.65 1.56 0.00 |
| MARSH_HILL_WT_PWR 323713 | 25.74 0.18 0.00 | 24.85 0.10 0.00 | 21.02 0.02 0.00 | 18.53 -0.14 0.00 | 16.40 -0.43 0.00 | 13.05 -0.35 0.00 | 16.12 -0.41 0.00 | 15.84 -0.13 0.00 | 15.26 0.19 0.00 | 14.08 0.15 0.00 | 14.13 0.01 0.00 | 15.36 0.04 0.00 | 15.99 0.09 0.00 | 16.24 0.06 0.00 | 16.88 0.05 0.00 | 19.37 0.19 0.00 | 21.68 0.13 0.00 | 24.48 0.21 0.00 | 24.04 0.13 0.00 | 29.67 0.25 0.00 | 30.11 0.45 0.00 | 27.56 0.33 0.00 | 25.80 0.68 0.00 | 20.70 0.61 0.00 |
| MCINTYRE_115KV_TB2 80467 | 26.06 0.50 0.00 | 25.21 0.47 0.00 | 21.45 0.45 0.00 | 19.05 0.38 0.00 | 17.11 0.29 0.00 | 13.65 0.25 0.00 | 16.98 0.44 0.00 | 16.31 0.35 0.00 | 15.34 0.27 0.00 | 14.12 0.20 0.00 | 14.31 0.20 0.00 | 15.60 0.28 0.00 | 16.18 0.27 0.00 | 16.40 0.23 0.00 | 17.02 0.18 0.00 | 19.39 0.21 0.00 | 21.81 0.26 0.00 | 24.54 0.27 0.00 | 24.22 0.31 0.00 | 29.93 0.52 0.00 | 30.32 0.66 0.00 | 27.85 0.63 0.00 | 25.76 0.64 0.00 | 20.36 0.27 0.00 |
| MECO____69_KV_BK1 80468 | 28.43 2.87 0.00 | 27.40 2.66 0.00 | 23.19 2.19 0.00 | 20.61 1.94 0.00 | 18.52 1.69 0.00 | 14.74 1.33 0.00 | 18.17 1.63 0.00 | 17.35 1.38 0.00 | 16.07 1.00 0.00 | 14.79 0.86 0.00 | 14.95 0.84 0.00 | 16.19 0.87 0.00 | 16.82 0.92 0.00 | 17.17 1.00 0.00 | 17.75 0.91 0.00 | 20.52 1.36 0.02 | 22.80 1.25 0.00 | 26.03 1.76 0.00 | 26.22 2.31 0.00 | 32.85 3.44 0.00 | 33.29 3.63 0.00 | 30.51 3.29 0.00 | 28.02 2.90 0.00 | 22.37 2.28 0.00 |
| MENANDS__115KV_TB5 355628 | 26.45 0.89 0.00 | 25.60 0.85 0.00 | 21.72 0.72 0.00 | 19.29 0.62 0.00 | 17.42 0.59 0.00 | 13.85 0.44 0.00 | 16.97 0.43 0.00 | 16.33 0.36 0.00 | 15.42 0.36 0.00 | 14.29 0.37 0.00 | 14.47 0.35 0.00 | 15.68 0.36 0.00 | 16.29 0.39 0.00 | 16.60 0.43 0.00 | 17.29 0.45 0.00 | 19.68 0.53 0.03 | 22.22 0.67 0.00 | 25.03 0.76 0.00 | 24.65 0.74 0.00 | 30.24 0.82 0.00 | 30.45 0.78 0.00 | 27.97 0.74 0.00 | 25.62 0.50 0.00 | 20.57 0.48 0.00 |
| MG INDUSTRY___DRP 24185 | 26.55 0.98 0.00 | 25.69 0.95 0.00 | 21.82 0.81 0.00 | 19.38 0.72 0.00 | 17.50 0.67 0.00 | 13.92 0.52 0.00 | 17.07 0.53 0.00 | 16.43 0.46 0.00 | 15.50 0.43 0.00 | 14.33 0.40 0.00 | 14.51 0.40 0.00 | 15.74 0.42 0.00 | 16.35 0.45 0.00 | 16.66 0.48 0.00 | 17.34 0.51 0.00 | 19.74 0.58 0.02 | 22.26 0.70 0.00 | 25.07 0.79 0.00 | 24.69 0.78 0.00 | 30.31 0.90 0.00 | 30.56 0.89 0.00 | 28.08 0.85 0.00 | 25.75 0.63 0.00 | 20.65 0.56 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 25.87 0.31 0.00 | 24.98 0.24 0.00 | 21.24 0.23 0.00 | 18.87 0.20 0.00 | 16.94 0.11 0.00 | 13.57 0.17 0.00 | 16.77 0.23 0.00 | 16.15 0.18 0.00 | 15.22 0.15 0.00 | 13.99 0.07 0.00 | 14.11 0.00 0.00 | 15.40 0.07 0.00 | 15.97 0.07 0.00 | 16.15 -0.03 0.00 | 16.79 -0.05 0.00 | 19.10 -0.08 0.00 | 21.44 -0.12 0.00 | 24.19 -0.09 0.00 | 23.89 -0.02 0.00 | 29.57 0.16 0.00 | 29.91 0.24 0.00 | 27.37 0.14 0.00 | 25.24 0.12 0.00 | 20.00 -0.09 0.00 |
| MID___RAQUETTE_HYD 23851 | 25.69 0.12 0.00 | 24.81 0.07 0.00 | 21.15 0.14 0.00 | 18.78 0.11 0.00 | 16.85 0.02 0.00 | 13.46 0.07 0.00 | 16.73 0.19 0.00 | 16.07 0.11 0.00 | 15.16 0.09 0.00 | 13.95 0.02 0.00 | 14.10 -0.01 0.00 | 15.40 0.07 0.00 | 15.96 0.05 0.00 | 16.15 -0.03 0.00 | 16.74 -0.10 0.00 | 19.09 -0.09 0.00 | 21.46 -0.09 0.00 | 24.17 -0.11 0.00 | 23.83 -0.08 0.00 | 29.44 0.03 0.00 | 29.77 0.11 0.00 | 27.33 0.10 0.00 | 25.30 0.18 0.00 | 19.99 -0.09 0.00 |
| MILLIKEN___1 23584 | 25.91 0.35 0.00 | 25.06 0.32 0.00 | 21.26 0.25 0.00 | 18.88 0.21 0.00 | 16.99 0.16 0.00 | 13.56 0.16 0.00 | 16.70 0.17 0.00 | 16.17 0.21 0.00 | 15.31 0.24 0.00 | 14.11 0.18 0.00 | 14.29 0.18 0.00 | 15.51 0.18 0.00 | 16.07 0.16 0.00 | 16.33 0.16 0.00 | 17.02 0.19 0.00 | 19.48 0.29 0.00 | 21.84 0.28 0.00 | 24.68 0.41 0.00 | 24.33 0.42 0.00 | 30.01 0.59 0.00 | 30.32 0.66 0.00 | 27.79 0.56 0.00 | 25.67 0.55 0.00 | 20.55 0.46 0.00 |
| MILLIKEN___2 23585 | 25.91 0.35 0.00 | 25.06 0.32 0.00 | 21.26 0.25 0.00 | 18.88 0.21 0.00 | 16.99 0.16 0.00 | 13.56 0.16 0.00 | 16.70 0.17 0.00 | 16.17 0.21 0.00 | 15.31 0.24 0.00 | 14.11 0.18 0.00 | 14.29 0.18 0.00 | 15.51 0.18 0.00 | 16.07 0.16 0.00 | 16.33 0.16 0.00 | 17.02 0.19 0.00 | 19.48 0.29 0.00 | 21.84 0.28 0.00 | 24.68 0.41 0.00 | 24.33 0.42 0.00 | 30.01 0.59 0.00 | 30.32 0.66 0.00 | 27.79 0.56 0.00 | 25.67 0.55 0.00 | 20.55 0.46 0.00 |
| MILLIKEN___DIESEL 23629 | 25.91 0.35 0.00 | 25.06 0.32 0.00 | 21.26 0.25 0.00 | 18.88 0.21 0.00 | 16.99 0.16 0.00 | 13.56 0.16 0.00 | 16.70 0.17 0.00 | 16.17 0.21 0.00 | 15.31 0.24 0.00 | 14.11 0.18 0.00 | 14.29 0.18 0.00 | 15.51 0.18 0.00 | 16.07 0.16 0.00 | 16.33 0.16 0.00 | 17.02 0.19 0.00 | 19.48 0.29 0.00 | 21.84 0.28 0.00 | 24.68 0.41 0.00 | 24.33 0.42 0.00 | 30.01 0.59 0.00 | 30.32 0.66 0.00 | 27.79 0.56 0.00 | 25.67 0.55 0.00 | 20.55 0.46 0.00 |
| MILLSEAT___LFGE 323607 | 25.27 -0.29 0.00 | 24.47 -0.27 0.00 | 20.72 -0.29 0.00 | 18.40 -0.27 0.00 | 16.49 -0.34 0.00 | 13.12 -0.28 0.00 | 16.19 -0.35 0.00 | 15.73 -0.23 0.00 | 15.10 0.03 0.00 | 13.91 -0.01 0.00 | 14.11 0.00 0.00 | 15.27 -0.05 0.00 | 15.86 -0.04 0.00 | 16.00 -0.17 0.00 | 16.69 -0.15 0.00 | 19.02 -0.17 0.00 | 21.26 -0.29 0.00 | 23.90 -0.37 0.00 | 23.52 -0.38 0.00 | 29.07 -0.34 0.00 | 29.52 -0.14 0.00 | 27.18 -0.05 0.00 | 25.70 0.58 0.00 | 20.82 0.73 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 27.45 1.89 0.00 | 26.46 1.72 0.00 | 22.34 1.33 0.00 | 19.84 1.17 0.00 | 17.88 1.05 0.00 | 14.19 0.79 0.00 | 17.39 0.85 0.00 | 16.84 0.87 0.00 | 16.04 0.97 0.00 | 14.86 0.93 0.00 | 15.05 0.94 0.00 | 16.34 1.02 0.00 | 17.02 1.12 0.00 | 17.42 1.24 0.00 | 18.18 1.35 0.00 | 20.80 1.59 -0.03 | 23.32 1.76 0.00 | 26.18 1.91 0.00 | 25.54 1.64 0.00 | 31.24 1.83 0.00 | 31.46 1.80 0.00 | 28.89 1.67 0.00 | 26.47 1.35 0.00 | 21.21 1.12 0.00 |

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| MILLWOOD_13_KV_LOAD 356217 | 27.54 1.98 0.00 | 26.55 1.80 0.00 | 22.40 1.40 0.00 | 19.89 1.22 0.00 | 17.93 1.10 0.00 | 14.23 0.83 0.00 | 17.44 0.90 0.00 | 16.89 0.92 0.00 | 16.08 1.01 0.00 | 14.90 0.97 0.00 | 15.10 0.99 0.00 | 16.38 1.06 0.00 | 17.07 1.17 0.00 | 17.47 1.29 0.00 | 18.24 1.40 0.00 | 20.87 1.66 -0.03 | 23.40 1.85 0.00 | 26.28 2.01 0.00 | 25.64 1.73 0.00 | 31.35 1.94 0.00 | 31.58 1.91 0.00 | 28.99 1.76 0.00 | 26.56 1.44 0.00 | 21.27 1.18 0.00 |
| MODEL_CITY_ENERGY 24167 | 24.58 -0.98 0.00 | 23.83 -0.92 0.00 | 20.19 -0.81 0.00 | 17.94 -0.73 0.00 | 16.06 -0.77 0.00 | 12.77 -0.63 0.00 | 15.77 -0.76 0.00 | 15.34 -0.63 0.00 | 14.76 -0.31 0.00 | 13.61 -0.31 0.00 | 13.79 -0.32 0.00 | 14.95 -0.37 0.00 | 15.50 -0.41 0.00 | 15.60 -0.57 0.00 | 16.26 -0.57 0.00 | 18.53 -0.65 0.00 | 20.64 -0.92 0.00 | 23.12 -1.16 0.00 | 22.65 -1.26 0.00 | 27.99 -1.42 0.00 | 28.44 -1.22 0.00 | 26.22 -1.01 0.00 | 24.94 -0.17 0.00 | 20.28 0.19 0.00 |
| MODERN_LFGE_ 323580 | 24.58 -0.98 0.00 | 23.83 -0.92 0.00 | 20.19 -0.81 0.00 | 17.94 -0.73 0.00 | 16.06 -0.77 0.00 | 12.77 -0.63 0.00 | 15.77 -0.76 0.00 | 15.34 -0.63 0.00 | 14.76 -0.31 0.00 | 13.61 -0.31 0.00 | 13.79 -0.32 0.00 | 14.95 -0.37 0.00 | 15.50 -0.41 0.00 | 15.60 -0.57 0.00 | 16.26 -0.57 0.00 | 18.53 -0.65 0.00 | 20.64 -0.92 0.00 | 23.12 -1.16 0.00 | 22.65 -1.26 0.00 | 27.99 -1.42 0.00 | 28.44 -1.22 0.00 | 26.22 -1.01 0.00 | 24.94 -0.17 0.00 | 20.28 0.19 0.00 |
| MOHAWK_PAPER___DRP 24187 | 26.68 1.11 0.00 | 25.81 1.06 0.00 | 21.89 0.88 0.00 | 19.44 0.77 0.00 | 17.54 0.71 0.00 | 13.95 0.55 0.00 | 17.10 0.56 0.00 | 16.46 0.49 0.00 | 15.54 0.48 0.00 | 14.39 0.46 0.00 | 14.57 0.46 0.00 | 15.79 0.47 0.00 | 16.41 0.51 0.00 | 16.73 0.56 0.00 | 17.44 0.60 0.00 | 19.86 0.70 0.03 | 22.44 0.89 0.00 | 25.30 1.02 0.00 | 24.93 1.02 0.00 | 30.58 1.17 0.00 | 30.80 1.14 0.00 | 28.27 1.05 0.00 | 25.90 0.78 0.00 | 20.77 0.68 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 27.25 1.68 0.00 | 26.28 1.53 0.00 | 22.34 1.34 0.00 | 19.78 1.11 0.00 | 17.78 0.96 0.00 | 14.10 0.69 0.00 | 17.23 0.69 0.00 | 16.61 0.64 0.00 | 15.71 0.65 0.00 | 14.51 0.59 0.00 | 14.63 0.52 0.00 | 15.90 0.57 0.00 | 16.49 0.58 0.00 | 16.77 0.60 0.00 | 17.42 0.58 0.00 | 19.89 0.74 0.03 | 22.57 1.01 0.00 | 25.62 1.34 0.00 | 25.47 1.56 0.00 | 31.27 1.86 0.00 | 31.44 1.78 0.00 | 28.69 1.47 0.00 | 26.26 1.14 0.00 | 21.07 0.98 0.00 |
| MONGAUP___HYD 23641 | 27.54 1.97 0.00 | 26.53 1.79 0.00 | 22.44 1.43 0.00 | 19.91 1.24 0.00 | 17.92 1.10 0.00 | 14.24 0.84 0.00 | 17.50 0.96 0.00 | 16.93 0.96 0.00 | 16.03 0.96 0.00 | 14.77 0.84 0.00 | 15.00 0.89 0.00 | 16.03 0.71 0.00 | 16.68 0.77 0.00 | 16.97 0.79 0.00 | 17.75 0.91 0.00 | 20.35 1.15 -0.02 | 22.96 1.40 0.00 | 26.00 1.72 0.00 | 25.62 1.72 0.00 | 31.52 2.11 0.00 | 31.77 2.11 0.00 | 29.16 1.93 0.00 | 26.76 1.65 0.00 | 21.41 1.32 0.00 |
| MONTAUK___DIESEL 23721 | 118.96 4.31 -89.09 | 81.14 3.99 -52.40 | 32.38 2.94 -8.44 | 21.51 2.85 0.00 | 19.33 2.50 0.00 | 15.37 1.97 0.00 | 18.72 2.18 0.00 | 18.35 2.38 -0.01 | 17.59 2.51 -0.01 | 16.06 2.14 0.00 | 16.02 1.91 0.00 | 17.47 2.14 0.00 | 18.11 2.20 0.00 | 18.70 2.53 0.00 | 19.64 2.80 0.00 | 22.56 3.35 -0.03 | 25.08 3.53 0.00 | 28.34 4.06 0.00 | 27.63 3.72 0.00 | 33.72 4.31 0.00 | 36.08 4.44 -1.98 | 47.60 4.01 -16.36 | 28.47 3.35 0.00 | 22.67 2.58 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 25.60 0.04 0.00 | 24.73 -0.01 0.00 | 20.92 -0.08 0.00 | 18.52 -0.15 0.00 | 16.59 -0.24 0.00 | 13.20 -0.20 0.00 | 16.29 -0.25 0.00 | 15.93 -0.03 0.00 | 15.39 0.32 0.00 | 14.24 0.31 0.00 | 14.45 0.34 0.00 | 15.66 0.33 0.00 | 16.26 0.36 0.00 | 16.44 0.27 0.00 | 17.17 0.33 0.00 | 19.64 0.46 0.00 | 21.83 0.28 0.00 | 24.48 0.20 0.00 | 23.81 -0.10 0.00 | 29.31 -0.10 0.00 | 29.70 0.03 0.00 | 27.01 -0.22 0.00 | 25.56 0.44 0.00 | 20.75 0.66 0.00 |
| MORTIMER_115KV_TB3 55949 | 25.23 -0.33 0.00 | 24.43 -0.31 0.00 | 20.70 -0.30 0.00 | 18.39 -0.27 0.00 | 16.51 -0.31 0.00 | 13.15 -0.25 0.00 | 16.21 -0.32 0.00 | 15.72 -0.25 0.00 | 15.02 -0.05 0.00 | 13.87 -0.06 0.00 | 14.07 -0.04 0.00 | 15.28 -0.04 0.00 | 15.85 -0.05 0.00 | 16.06 -0.12 0.00 | 16.74 -0.10 0.00 | 19.08 -0.11 0.00 | 21.35 -0.20 0.00 | 24.07 -0.21 0.00 | 23.67 -0.24 0.00 | 29.19 -0.22 0.00 | 29.53 -0.13 0.00 | 27.14 -0.09 0.00 | 25.41 0.29 0.00 | 20.49 0.40 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 27.69 2.13 0.00 | 26.68 1.93 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.01 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.16 1.10 0.00 | 14.98 1.06 0.00 | 15.18 1.07 0.00 | 16.48 1.15 0.00 | 17.17 1.26 0.00 | 17.57 1.40 0.00 | 18.34 1.51 0.00 | 20.98 1.78 -0.03 | 23.50 1.95 0.00 | 26.36 2.09 0.00 | 25.69 1.78 0.00 | 31.42 2.01 0.00 | 31.64 1.98 0.00 | 29.07 1.85 0.00 | 26.66 1.54 0.00 | 21.35 1.26 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 27.22 1.65 0.00 | 26.30 1.56 0.00 | 22.32 1.32 0.00 | 19.85 1.18 0.00 | 17.88 1.05 0.00 | 14.26 0.86 0.00 | 17.58 1.04 0.00 | 17.06 1.09 0.00 | 16.06 0.99 0.00 | 14.73 0.80 0.00 | 14.86 0.74 0.00 | 16.14 0.81 0.00 | 16.76 0.86 0.00 | 17.07 0.89 0.00 | 17.78 0.94 0.00 | 20.42 1.24 0.00 | 22.88 1.33 0.00 | 25.94 1.66 0.00 | 25.76 1.85 0.00 | 31.84 2.43 0.00 | 32.16 2.49 0.00 | 29.38 2.15 0.00 | 27.06 1.94 0.00 | 21.58 1.49 0.00 |
| N SALMON___HYD 24042 | 25.83 0.27 0.00 | 24.98 0.24 0.00 | 21.28 0.28 0.00 | 18.89 0.22 0.00 | 16.97 0.15 0.00 | 13.52 0.12 0.00 | 16.82 0.28 0.00 | 16.22 0.25 0.00 | 15.27 0.20 0.00 | 14.06 0.13 0.00 | 14.27 0.16 0.00 | 15.51 0.18 0.00 | 16.04 0.14 0.00 | 16.26 0.08 0.00 | 16.87 0.03 0.00 | 19.22 0.03 0.00 | 21.61 0.06 0.00 | 24.38 0.11 0.00 | 24.05 0.13 0.00 | 29.73 0.32 0.00 | 30.00 0.34 0.00 | 27.58 0.36 0.00 | 25.69 0.58 0.00 | 20.15 0.06 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 25.18 -0.38 0.00 | 24.39 -0.35 0.00 | 20.66 -0.34 0.00 | 18.35 -0.32 0.00 | 16.43 -0.39 0.00 | 13.08 -0.32 0.00 | 16.14 -0.40 0.00 | 15.69 -0.28 0.00 | 15.08 0.01 0.00 | 13.87 -0.06 0.00 | 14.19 0.07 0.00 | 15.28 -0.05 0.00 | 15.86 -0.05 0.00 | 15.98 -0.20 0.00 | 16.67 -0.16 0.00 | 18.99 -0.20 0.00 | 21.24 -0.32 0.00 | 23.82 -0.45 0.00 | 23.42 -0.49 0.00 | 28.92 -0.49 0.00 | 29.37 -0.29 0.00 | 27.05 -0.18 0.00 | 25.62 0.50 0.00 | 20.77 0.68 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 117.24 2.58 -89.09 | 79.52 2.37 -52.40 | 31.17 1.72 -8.44 | 20.30 1.63 0.00 | 18.27 1.45 0.00 | 14.53 1.13 0.00 | 17.75 1.22 0.00 | 17.25 1.29 0.00 | 16.44 1.37 0.00 | 15.14 1.22 0.00 | 15.23 1.12 0.00 | 16.57 1.25 0.00 | 17.24 1.34 0.00 | 17.74 1.56 0.00 | 18.58 1.75 0.00 | 21.26 2.06 -0.03 | 23.71 2.16 0.00 | 26.75 2.47 0.00 | 26.05 2.14 0.00 | 31.86 2.45 0.00 | 34.16 2.51 -1.98 | 45.94 2.35 -16.36 | 27.15 2.03 0.00 | 21.70 1.61 0.00 |
| N.E._GEN_SANDY PD 24062 | 26.86 1.30 0.00 | 25.81 1.24 0.17 | 21.66 1.02 0.37 | 19.44 0.87 0.10 | 17.64 0.81 0.00 | 14.01 0.60 0.00 | 17.15 0.61 0.00 | 16.53 0.57 0.00 | 15.46 0.57 0.17 | 14.42 0.55 0.05 | 14.69 0.56 -0.02 | 15.91 0.59 0.00 | 16.53 0.63 0.00 | 16.85 0.68 0.00 | 17.54 0.71 0.00 | 19.81 0.82 0.19 | 22.54 0.98 0.00 | 25.17 1.07 0.17 | 25.07 1.02 -0.14 | 30.54 1.13 0.00 | 30.77 1.10 0.00 | 28.28 1.05 0.00 | 25.90 0.78 0.00 | 20.80 0.74 0.03 |

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| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 27.39 1.83 0.00 | 26.41 1.67 0.00 | 22.30 1.29 0.00 | 19.80 1.13 0.00 | 17.84 1.01 0.00 | 14.16 0.76 0.00 | 17.36 0.83 0.00 | 16.82 0.85 0.00 | 16.03 0.96 0.00 | 14.85 0.92 0.00 | 15.06 0.95 0.00 | 16.35 1.03 0.00 | 17.04 1.14 0.00 | 17.44 1.27 0.00 | 18.21 1.37 0.00 | 20.83 1.62 -0.02 | 23.36 1.81 0.00 | 26.25 1.97 0.00 | 25.60 1.69 0.00 | 31.31 1.90 0.00 | 31.52 1.85 0.00 | 28.91 1.69 0.00 | 26.47 1.35 0.00 | 21.21 1.12 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 27.83 2.26 0.00 | 26.74 1.99 0.00 | 22.53 1.52 0.00 | 19.98 1.31 0.00 | 18.03 1.21 0.00 | 14.28 0.88 0.00 | 17.48 0.94 0.00 | 16.95 0.98 0.00 | 16.16 1.09 0.00 | 14.97 1.05 0.00 | 15.16 1.04 0.00 | 16.43 1.10 0.00 | 17.15 1.25 0.00 | 17.57 1.39 0.00 | 18.33 1.50 0.00 | 21.04 1.84 -0.03 | 23.57 2.02 0.00 | 26.43 2.15 0.00 | 25.77 1.86 0.00 | 31.50 2.09 0.00 | 31.69 2.02 0.00 | 29.12 1.89 0.00 | 26.70 1.58 0.00 | 21.40 1.32 0.00 |
| N.TROY___115KV_TB1 355778 | 26.72 1.16 0.00 | 25.84 1.10 0.00 | 21.96 0.96 0.00 | 19.48 0.81 0.00 | 17.58 0.75 0.00 | 13.97 0.56 0.00 | 17.12 0.58 0.00 | 16.47 0.50 0.00 | 15.55 0.48 0.00 | 14.39 0.47 0.00 | 14.55 0.43 0.00 | 15.79 0.46 0.00 | 16.39 0.49 0.00 | 16.69 0.52 0.00 | 17.37 0.54 0.00 | 19.78 0.63 0.04 | 22.36 0.81 0.00 | 25.21 0.94 0.00 | 24.88 0.98 0.00 | 30.55 1.14 0.00 | 30.78 1.11 0.00 | 28.26 1.03 0.00 | 25.88 0.77 0.00 | 20.80 0.71 0.00 |
| NARROWS_GT1_1 24228 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT1_2 24229 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT1_3 24230 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT1_4 24231 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT1_5 24232 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT1_6 24233 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT1_7 24234 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT1_8 24235 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT2_1 24236 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT2_2 24237 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT2_3 24238 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT2_4 24239 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT2_5 24240 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT2_6 24241 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT2_7 24242 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NARROWS_GT2_8 24243 | 27.92 2.32 -0.03 | 26.82 2.08 0.00 | 22.63 1.63 0.00 | 20.07 1.41 0.00 | 18.09 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.26 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 26.88 1.32 0.00 | 25.99 1.24 0.00 | 22.06 1.06 0.00 | 19.59 0.92 0.00 | 17.68 0.85 0.00 | 14.06 0.66 0.00 | 17.24 0.71 0.00 | 16.58 0.61 0.00 | 15.59 0.53 0.00 | 14.38 0.46 0.00 | 14.57 0.46 0.00 | 15.77 0.45 0.00 | 16.36 0.46 0.00 | 16.67 0.49 0.00 | 17.35 0.52 0.00 | 19.81 0.64 0.01 | 22.38 0.82 0.00 | 25.33 1.05 0.00 | 25.05 1.14 0.00 | 30.86 1.45 0.00 | 31.16 1.49 0.00 | 28.60 1.37 0.00 | 26.15 1.04 0.00 | 20.93 0.84 0.00 |
| NCHELSEA_115KV_TR2 355582 | 27.59 2.03 0.00 | 26.60 1.86 0.00 | 22.47 1.47 0.00 | 19.94 1.28 0.00 | 17.97 1.14 0.00 | 14.27 0.87 0.00 | 17.49 0.95 0.00 | 16.93 0.96 0.00 | 16.09 1.02 0.00 | 14.90 0.98 0.00 | 15.12 1.01 0.00 | 16.41 1.09 0.00 | 17.10 1.20 0.00 | 17.48 1.31 0.00 | 18.24 1.40 0.00 | 20.88 1.68 -0.02 | 23.44 1.89 0.00 | 26.37 2.10 0.00 | 25.77 1.86 0.00 | 31.51 2.10 0.00 | 31.72 2.06 0.00 | 29.09 1.86 0.00 | 26.64 1.52 0.00 | 21.33 1.24 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 27.08 1.52 0.00 | 26.15 1.41 0.00 | 22.21 1.21 0.00 | 19.70 1.03 0.00 | 17.76 0.93 0.00 | 14.10 0.70 0.00 | 17.28 0.74 0.00 | 16.65 0.68 0.00 | 15.73 0.66 0.00 | 14.54 0.61 0.00 | 14.71 0.60 0.00 | 15.98 0.66 0.00 | 16.58 0.68 0.00 | 16.89 0.72 0.00 | 17.58 0.75 0.00 | 20.03 0.88 0.03 | 22.67 1.12 0.00 | 25.61 1.34 0.00 | 25.32 1.41 0.00 | 31.08 1.67 0.00 | 31.29 1.63 0.00 | 28.65 1.43 0.00 | 26.26 1.14 0.00 | 21.06 0.97 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 24.86 -0.70 0.00 | 24.07 -0.68 0.00 | 20.40 -0.61 0.00 | 18.12 -0.55 0.00 | 16.28 -0.55 0.00 | 12.97 -0.43 0.00 | 15.99 -0.54 0.00 | 15.50 -0.47 0.00 | 14.78 -0.28 0.00 | 13.67 -0.26 0.00 | 13.84 -0.27 0.00 | 15.04 -0.28 0.00 | 15.60 -0.31 0.00 | 15.81 -0.36 0.00 | 16.49 -0.34 0.00 | 18.81 -0.37 0.00 | 21.08 -0.47 0.00 | 23.81 -0.47 0.00 | 23.42 -0.49 0.00 | 28.86 -0.55 0.00 | 29.16 -0.51 0.00 | 26.77 -0.46 0.00 | 24.96 -0.16 0.00 | 20.08 -0.01 0.00 |
| NEG CENTRAL___DRP 24199 | 25.50 -0.07 0.00 | 24.63 -0.12 0.00 | 20.88 -0.12 0.00 | 18.54 -0.13 0.00 | 16.66 -0.16 0.00 | 13.30 -0.10 0.00 | 16.39 -0.15 0.00 | 15.89 -0.07 0.00 | 15.09 0.03 0.00 | 13.93 0.00 0.00 | 14.13 0.02 0.00 | 15.33 0.00 0.00 | 15.88 -0.03 0.00 | 16.14 -0.03 0.00 | 16.82 -0.01 0.00 | 19.24 0.06 0.00 | 21.56 0.01 0.00 | 24.35 0.07 0.00 | 23.97 0.07 0.00 | 29.50 0.09 0.00 | 29.84 0.17 0.00 | 27.36 0.13 0.00 | 25.39 0.27 0.00 | 20.35 0.26 0.00 |
| NEG CENTRAL___INDECK 23768 | 26.08 0.52 0.00 | 25.18 0.44 0.00 | 21.32 0.32 0.00 | 18.86 0.19 0.00 | 16.87 0.04 0.00 | 13.45 0.04 0.00 | 16.59 0.05 0.00 | 16.08 0.11 0.00 | 15.26 0.19 0.00 | 14.11 0.18 0.00 | 14.26 0.14 0.00 | 15.48 0.16 0.00 | 16.08 0.18 0.00 | 16.31 0.14 0.00 | 16.99 0.16 0.00 | 19.41 0.23 0.00 | 21.72 0.17 0.00 | 24.50 0.23 0.00 | 24.38 0.47 0.00 | 30.10 0.69 0.00 | 30.64 0.98 0.00 | 28.14 0.92 0.00 | 26.32 1.20 0.00 | 21.15 1.06 0.00 |
| NEG CENTRAL___SENECA 23627 | 25.63 0.06 0.00 | 24.73 -0.01 0.00 | 20.96 -0.04 0.00 | 18.59 -0.08 0.00 | 16.70 -0.13 0.00 | 13.33 -0.08 0.00 | 16.42 -0.11 0.00 | 15.96 -0.01 0.00 | 15.18 0.11 0.00 | 14.00 0.08 0.00 | 14.20 0.08 0.00 | 15.39 0.07 0.00 | 15.96 0.06 0.00 | 16.23 0.05 0.00 | 16.91 0.08 0.00 | 19.37 0.18 0.00 | 21.68 0.13 0.00 | 24.47 0.19 0.00 | 24.11 0.20 0.00 | 29.65 0.24 0.00 | 30.02 0.35 0.00 | 27.52 0.29 0.00 | 25.60 0.48 0.00 | 20.51 0.42 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 25.66 0.10 0.00 | 24.84 0.10 0.00 | 21.06 0.06 0.00 | 18.72 0.05 0.00 | 16.80 -0.03 0.00 | 13.43 0.03 0.00 | 16.55 0.01 0.00 | 16.02 0.05 0.00 | 15.20 0.13 0.00 | 13.99 0.06 0.00 | 14.22 0.11 0.00 | 15.45 0.13 0.00 | 15.95 0.04 0.00 | 16.21 0.03 0.00 | 16.89 0.05 0.00 | 19.34 0.15 0.00 | 21.70 0.14 0.00 | 24.54 0.26 0.00 | 24.08 0.17 0.00 | 29.63 0.22 0.00 | 29.97 0.31 0.00 | 27.51 0.28 0.00 | 25.44 0.32 0.00 | 20.38 0.29 0.00 |
| NEG MILLWOOD___DRP 24198 | 27.69 2.13 0.00 | 26.68 1.94 0.00 | 22.53 1.53 0.00 | 19.99 1.32 0.00 | 18.02 1.19 0.00 | 14.30 0.90 0.00 | 17.53 0.99 0.00 | 16.97 1.01 0.00 | 16.15 1.08 0.00 | 14.96 1.03 0.00 | 15.17 1.06 0.00 | 16.46 1.14 0.00 | 17.15 1.25 0.00 | 17.54 1.37 0.00 | 18.31 1.48 0.00 | 20.97 1.77 -0.02 | 23.54 1.98 0.00 | 26.47 2.20 0.00 | 25.85 1.95 0.00 | 31.62 2.21 0.00 | 31.82 2.15 0.00 | 29.19 1.97 0.00 | 26.73 1.61 0.00 | 21.39 1.30 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 25.78 0.22 0.00 | 24.95 0.21 0.00 | 21.31 0.30 0.00 | 18.91 0.25 0.00 | 17.00 0.17 0.00 | 13.52 0.11 0.00 | 16.80 0.26 0.00 | 16.22 0.25 0.00 | 15.28 0.22 0.00 | 14.05 0.12 0.00 | 14.31 0.19 0.00 | 15.53 0.21 0.00 | 16.05 0.15 0.00 | 16.28 0.10 0.00 | 16.89 0.06 0.00 | 19.26 0.08 0.00 | 21.66 0.10 0.00 | 24.49 0.21 0.00 | 24.18 0.26 0.00 | 29.85 0.44 0.00 | 30.06 0.39 0.00 | 27.54 0.31 0.00 | 25.82 0.71 0.00 | 20.24 0.15 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 25.58 0.02 0.00 | 24.78 0.04 0.00 | 21.12 0.11 0.00 | 18.75 0.09 0.00 | 16.86 0.03 0.00 | 13.41 0.01 0.00 | 16.69 0.15 0.00 | 16.11 0.14 0.00 | 15.16 0.09 0.00 | 13.94 0.01 0.00 | 14.16 0.04 0.00 | 15.38 0.05 0.00 | 15.89 -0.02 0.00 | 16.10 -0.07 0.00 | 16.72 -0.12 0.00 | 19.04 -0.14 0.00 | 21.40 -0.16 0.00 | 24.16 -0.12 0.00 | 23.81 -0.10 0.00 | 29.43 0.01 0.00 | 29.64 -0.02 0.00 | 27.24 0.02 0.00 | 25.48 0.36 0.00 | 19.96 -0.13 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG NORTH___ALICE_FALLS 23915 | 25.76 0.20 0.00 | 24.93 0.19 0.00 | 21.27 0.27 0.00 | 18.88 0.21 0.00 | 16.97 0.14 0.00 | 13.50 0.10 0.00 | 16.77 0.24 0.00 | 16.19 0.23 0.00 | 15.26 0.19 0.00 | 14.02 0.09 0.00 | 14.27 0.16 0.00 | 15.49 0.16 0.00 | 16.01 0.11 0.00 | 16.24 0.06 0.00 | 16.84 0.01 0.00 | 19.21 0.03 0.00 | 21.61 0.06 0.00 | 24.44 0.17 0.00 | 24.14 0.24 0.00 | 29.85 0.44 0.00 | 30.08 0.41 0.00 | 27.57 0.34 0.00 | 25.82 0.70 0.00 | 20.22 0.13 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 25.76 0.20 0.00 | 24.93 0.19 0.00 | 21.27 0.27 0.00 | 18.88 0.21 0.00 | 16.97 0.14 0.00 | 13.50 0.10 0.00 | 16.77 0.24 0.00 | 16.19 0.23 0.00 | 15.26 0.19 0.00 | 14.02 0.09 0.00 | 14.27 0.16 0.00 | 15.49 0.16 0.00 | 16.01 0.11 0.00 | 16.24 0.06 0.00 | 16.84 0.01 0.00 | 19.21 0.03 0.00 | 21.61 0.06 0.00 | 24.44 0.17 0.00 | 24.14 0.24 0.00 | 29.85 0.44 0.00 | 30.08 0.41 0.00 | 27.57 0.34 0.00 | 25.82 0.70 0.00 | 20.22 0.13 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 25.76 0.20 0.00 | 24.93 0.19 0.00 | 21.27 0.27 0.00 | 18.88 0.21 0.00 | 16.97 0.14 0.00 | 13.50 0.10 0.00 | 16.77 0.24 0.00 | 16.20 0.23 0.00 | 15.26 0.18 0.00 | 14.02 0.09 0.00 | 14.27 0.16 0.00 | 15.49 0.16 0.00 | 16.01 0.11 0.00 | 16.24 0.06 0.00 | 16.84 0.01 0.00 | 19.21 0.03 0.00 | 21.61 0.06 0.00 | 24.44 0.17 0.00 | 24.14 0.24 0.00 | 29.85 0.44 0.00 | 30.08 0.41 0.00 | 27.57 0.34 0.00 | 25.82 0.70 0.00 | 20.22 0.13 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 24.82 -0.74 0.00 | 24.07 -0.67 0.00 | 20.39 -0.61 0.00 | 18.11 -0.56 0.00 | 16.21 -0.61 0.00 | 12.90 -0.50 0.00 | 15.93 -0.61 0.00 | 15.49 -0.47 0.00 | 14.91 -0.16 0.00 | 13.72 -0.21 0.00 | 13.96 -0.16 0.00 | 15.11 -0.21 0.00 | 15.67 -0.24 0.00 | 15.79 -0.39 0.00 | 16.46 -0.38 0.00 | 18.75 -0.43 0.00 | 20.89 -0.66 0.00 | 23.41 -0.87 0.00 | 22.94 -0.96 0.00 | 28.35 -1.07 0.00 | 28.79 -0.88 0.00 | 26.53 -0.69 0.00 | 25.21 0.09 0.00 | 20.48 0.39 0.00 |
| NEG WEST___LANCASTR 23811 | 25.11 -0.45 0.00 | 24.32 -0.43 0.00 | 20.59 -0.41 0.00 | 18.28 -0.39 0.00 | 16.38 -0.44 0.00 | 13.04 -0.36 0.00 | 16.10 -0.44 0.00 | 15.69 -0.27 0.00 | 15.09 0.02 0.00 | 13.93 0.00 0.00 | 14.13 0.02 0.00 | 15.31 -0.02 0.00 | 15.88 -0.02 0.00 | 16.08 -0.10 0.00 | 16.75 -0.08 0.00 | 19.14 -0.04 0.00 | 21.31 -0.25 0.00 | 23.92 -0.36 0.00 | 23.36 -0.54 0.00 | 28.80 -0.61 0.00 | 29.18 -0.48 0.00 | 26.79 -0.43 0.00 | 25.32 0.20 0.00 | 20.48 0.39 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 25.69 0.13 0.00 | 24.85 0.11 0.00 | 21.07 0.07 0.00 | 18.71 0.04 0.00 | 16.85 0.02 0.00 | 13.44 0.04 0.00 | 16.54 0.00 0.00 | 16.03 0.06 0.00 | 15.22 0.15 0.00 | 14.10 0.17 0.00 | 14.26 0.15 0.00 | 15.48 0.15 0.00 | 16.07 0.17 0.00 | 16.36 0.19 0.00 | 17.04 0.21 0.00 | 19.50 0.32 0.00 | 21.83 0.28 0.00 | 24.59 0.31 0.00 | 24.12 0.21 0.00 | 29.65 0.23 0.00 | 29.91 0.24 0.00 | 27.36 0.13 0.00 | 25.37 0.25 0.00 | 20.35 0.26 0.00 |
| NEG___GEN_MONROE 24207 | 25.38 -0.19 0.00 | 24.56 -0.19 0.00 | 20.81 -0.19 0.00 | 18.49 -0.18 0.00 | 16.59 -0.24 0.00 | 13.21 -0.19 0.00 | 16.29 -0.24 0.00 | 15.79 -0.17 0.00 | 15.09 0.03 0.00 | 13.92 -0.01 0.00 | 14.13 0.02 0.00 | 15.33 0.00 0.00 | 15.92 0.01 0.00 | 16.11 -0.06 0.00 | 16.80 -0.04 0.00 | 19.14 -0.04 0.00 | 21.42 -0.13 0.00 | 24.15 -0.12 0.00 | 23.79 -0.12 0.00 | 29.38 -0.03 0.00 | 29.74 0.07 0.00 | 27.33 0.10 0.00 | 25.62 0.50 0.00 | 20.68 0.59 0.00 |
| NEPA___ENERGY 23901 | 25.24 -0.33 0.00 | 24.36 -0.38 0.00 | 20.63 -0.38 0.00 | 18.30 -0.37 0.00 | 16.44 -0.39 0.00 | 13.10 -0.30 0.00 | 16.16 -0.38 0.00 | 15.79 -0.18 0.00 | 15.18 0.11 0.00 | 14.06 0.13 0.00 | 14.24 0.13 0.00 | 15.45 0.12 0.00 | 16.04 0.13 0.00 | 16.28 0.11 0.00 | 16.97 0.13 0.00 | 19.49 0.31 0.00 | 21.65 0.09 0.00 | 24.32 0.04 0.00 | 23.61 -0.29 0.00 | 29.00 -0.41 0.00 | 29.35 -0.31 0.00 | 26.78 -0.45 0.00 | 25.29 0.17 0.00 | 20.47 0.38 0.00 |
| NEVERSINK___HYD 23608 | 27.10 1.54 0.00 | 26.06 1.32 0.00 | 22.00 1.00 0.00 | 19.52 0.85 0.00 | 17.56 0.73 0.00 | 13.95 0.55 0.00 | 17.12 0.58 0.00 | 16.57 0.60 0.00 | 15.73 0.66 0.00 | 14.34 0.41 0.00 | 14.80 0.69 0.00 | 16.01 0.69 0.00 | 16.68 0.78 0.00 | 17.04 0.87 0.00 | 17.79 0.95 0.00 | 20.35 1.16 -0.01 | 22.94 1.39 0.00 | 25.90 1.63 0.00 | 25.47 1.56 0.00 | 31.26 1.85 0.00 | 31.46 1.79 0.00 | 28.82 1.59 0.00 | 26.37 1.25 0.00 | 21.07 0.98 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 26.33 0.77 0.00 | 25.48 0.73 0.00 | 21.61 0.61 0.00 | 19.20 0.53 0.00 | 17.34 0.51 0.00 | 13.79 0.39 0.00 | 16.90 0.36 0.00 | 16.26 0.29 0.00 | 15.36 0.30 0.00 | 14.24 0.31 0.00 | 14.42 0.30 0.00 | 15.63 0.31 0.00 | 16.24 0.34 0.00 | 16.56 0.39 0.00 | 17.24 0.41 0.00 | 19.64 0.48 0.02 | 22.16 0.60 0.00 | 24.96 0.68 0.00 | 24.56 0.65 0.00 | 30.13 0.72 0.00 | 30.35 0.68 0.00 | 27.87 0.64 0.00 | 25.53 0.41 0.00 | 20.48 0.39 0.00 |
| NEWTON___FALLS_HYD 23847 | 25.87 0.31 0.00 | 24.98 0.24 0.00 | 21.24 0.23 0.00 | 18.87 0.20 0.00 | 16.94 0.11 0.00 | 13.57 0.17 0.00 | 16.77 0.23 0.00 | 16.15 0.18 0.00 | 15.22 0.15 0.00 | 13.99 0.07 0.00 | 14.11 0.00 0.00 | 15.40 0.07 0.00 | 15.97 0.07 0.00 | 16.15 -0.03 0.00 | 16.79 -0.05 0.00 | 19.10 -0.08 0.00 | 21.44 -0.12 0.00 | 24.19 -0.09 0.00 | 23.89 -0.02 0.00 | 29.57 0.16 0.00 | 29.91 0.24 0.00 | 27.37 0.14 0.00 | 25.24 0.12 0.00 | 20.00 -0.09 0.00 |
| NGRID_A1_DSASP 323792 | 24.48 -1.08 0.00 | 23.77 -0.97 0.00 | 20.14 -0.86 0.00 | 17.91 -0.75 0.00 | 16.03 -0.80 0.00 | 12.75 -0.65 0.00 | 15.74 -0.79 0.00 | 15.30 -0.66 0.00 | 14.73 -0.34 0.00 | 13.59 -0.33 0.00 | 13.76 -0.36 0.00 | 14.92 -0.40 0.00 | 15.47 -0.44 0.00 | 15.58 -0.60 0.00 | 16.21 -0.63 0.00 | 18.37 -0.81 0.00 | 20.45 -1.11 0.00 | 22.89 -1.39 0.00 | 22.40 -1.50 0.00 | 27.70 -1.71 0.00 | 28.15 -1.52 0.00 | 25.96 -1.26 0.00 | 24.81 -0.31 0.00 | 20.22 0.14 0.00 |
| NGRID_A2_DSASP 323793 | 24.48 -1.08 0.00 | 23.77 -0.97 0.00 | 20.14 -0.86 0.00 | 17.91 -0.75 0.00 | 16.03 -0.80 0.00 | 12.75 -0.65 0.00 | 15.74 -0.79 0.00 | 15.30 -0.66 0.00 | 14.73 -0.34 0.00 | 13.59 -0.33 0.00 | 13.76 -0.36 0.00 | 14.92 -0.40 0.00 | 15.47 -0.44 0.00 | 15.58 -0.60 0.00 | 16.21 -0.63 0.00 | 18.37 -0.81 0.00 | 20.45 -1.11 0.00 | 22.89 -1.39 0.00 | 22.40 -1.50 0.00 | 27.70 -1.71 0.00 | 28.15 -1.52 0.00 | 25.96 -1.26 0.00 | 24.81 -0.31 0.00 | 20.22 0.14 0.00 |
| NGRID_A4_DSASP 323807 | 24.47 -1.09 0.00 | 23.77 -0.97 0.00 | 20.14 -0.86 0.00 | 17.91 -0.75 0.00 | 16.03 -0.80 0.00 | 12.75 -0.65 0.00 | 15.75 -0.79 0.00 | 15.30 -0.67 0.00 | 14.73 -0.34 0.00 | 13.56 -0.37 0.00 | 13.77 -0.34 0.00 | 14.92 -0.40 0.00 | 15.47 -0.44 0.00 | 15.58 -0.60 0.00 | 16.21 -0.62 0.00 | 18.37 -0.81 0.00 | 20.45 -1.10 0.00 | 22.89 -1.39 0.00 | 22.41 -1.50 0.00 | 27.70 -1.72 0.00 | 28.15 -1.51 0.00 | 25.96 -1.26 0.00 | 24.81 -0.31 0.00 | 20.23 0.14 0.00 |
| NIAGARA_115E_LBMP 323715 | 24.45 -1.12 0.00 | 23.70 -1.05 0.00 | 20.08 -0.92 0.00 | 17.84 -0.82 0.00 | 15.98 -0.85 0.00 | 12.71 -0.69 0.00 | 15.69 -0.84 0.00 | 15.26 -0.71 0.00 | 14.69 -0.38 0.00 | 13.55 -0.38 0.00 | 13.72 -0.40 0.00 | 14.87 -0.45 0.00 | 15.41 -0.50 0.00 | 15.51 -0.66 0.00 | 16.16 -0.67 0.00 | 18.41 -0.77 0.00 | 20.50 -1.05 0.00 | 22.95 -1.33 0.00 | 22.48 -1.42 0.00 | 27.79 -1.62 0.00 | 28.24 -1.42 0.00 | 26.04 -1.18 0.00 | 24.79 -0.32 0.00 | 20.17 0.09 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| NIAGARA_115W_LBMP 323714 | 24.43 -1.13 0.00 | 23.72 -1.02 0.00 | 20.11 -0.90 0.00 | 17.88 -0.79 0.00 | 16.00 -0.83 0.00 | 12.72 -0.68 0.00 | 15.72 -0.82 0.00 | 15.27 -0.70 0.00 | 14.70 -0.37 0.00 | 13.57 -0.36 0.00 | 13.73 -0.39 0.00 | 14.89 -0.43 0.00 | 15.43 -0.47 0.00 | 15.54 -0.63 0.00 | 16.17 -0.66 0.00 | 18.31 -0.87 0.00 | 20.39 -1.16 0.00 | 22.82 -1.45 0.00 | 22.34 -1.57 0.00 | 27.62 -1.80 0.00 | 28.07 -1.60 0.00 | 25.89 -1.34 0.00 | 24.75 -0.36 0.00 | 20.18 0.09 0.00 |
| NIAGARA_230_LBMP 323716 | 24.63 -0.94 0.00 | 23.88 -0.86 0.00 | 20.24 -0.77 0.00 | 17.99 -0.68 0.00 | 16.10 -0.72 0.00 | 12.81 -0.59 0.00 | 15.82 -0.72 0.00 | 15.37 -0.60 0.00 | 14.79 -0.28 0.00 | 13.66 -0.27 0.00 | 13.82 -0.29 0.00 | 14.99 -0.33 0.00 | 15.54 -0.36 0.00 | 15.66 -0.51 0.00 | 16.31 -0.52 0.00 | 18.56 -0.62 0.00 | 20.67 -0.88 0.00 | 23.16 -1.11 0.00 | 22.68 -1.23 0.00 | 28.03 -1.38 0.00 | 28.47 -1.20 0.00 | 26.24 -0.99 0.00 | 24.93 -0.19 0.00 | 20.27 0.17 0.00 |
| NIAGARA_115KV_198_GIBSON 55903 | 24.42 -1.15 0.00 | 23.72 -1.02 0.00 | 20.11 -0.90 0.00 | 17.88 -0.79 0.00 | 16.00 -0.83 0.00 | 12.72 -0.68 0.00 | 15.72 -0.82 0.00 | 15.27 -0.69 0.00 | 14.70 -0.37 0.00 | 13.53 -0.40 0.00 | 13.74 -0.37 0.00 | 14.89 -0.43 0.00 | 15.43 -0.48 0.00 | 15.54 -0.63 0.00 | 16.17 -0.66 0.00 | 18.31 -0.87 0.00 | 20.39 -1.16 0.00 | 22.82 -1.45 0.00 | 22.35 -1.56 0.00 | 27.61 -1.80 0.00 | 28.07 -1.60 0.00 | 25.89 -1.33 0.00 | 24.75 -0.36 0.00 | 20.18 0.09 0.00 |
| NIAGARA____ 23760 | 24.52 -1.05 0.00 | 23.79 -0.96 0.00 | 20.16 -0.84 0.00 | 17.91 -0.75 0.00 | 16.04 -0.79 0.00 | 12.76 -0.64 0.00 | 15.76 -0.78 0.00 | 15.32 -0.65 0.00 | 14.74 -0.33 0.00 | 13.60 -0.32 0.00 | 13.77 -0.34 0.00 | 14.94 -0.39 0.00 | 15.48 -0.42 0.00 | 15.59 -0.58 0.00 | 16.24 -0.59 0.00 | 18.46 -0.72 0.00 | 20.56 -0.99 0.00 | 23.03 -1.25 0.00 | 22.55 -1.36 0.00 | 27.86 -1.55 0.00 | 28.31 -1.36 0.00 | 26.10 -1.13 0.00 | 24.83 -0.29 0.00 | 20.20 0.11 0.00 |
| NINE_MILE_1 23575 | 24.68 -0.88 0.00 | 23.89 -0.85 0.00 | 20.29 -0.72 0.00 | 18.04 -0.63 0.00 | 16.27 -0.55 0.00 | 12.98 -0.42 0.00 | 15.97 -0.56 0.00 | 15.44 -0.52 0.00 | 14.62 -0.45 0.00 | 13.53 -0.40 0.00 | 13.70 -0.41 0.00 | 14.88 -0.45 0.00 | 15.43 -0.48 0.00 | 15.67 -0.50 0.00 | 16.31 -0.52 0.00 | 18.57 -0.61 0.00 | 20.84 -0.71 0.00 | 23.49 -0.79 0.00 | 23.13 -0.78 0.00 | 28.46 -0.95 0.00 | 28.72 -0.95 0.00 | 26.34 -0.88 0.00 | 24.36 -0.76 0.00 | 19.53 -0.56 0.00 |
| NINE_MILE_2 23744 | 24.69 -0.87 0.00 | 23.89 -0.85 0.00 | 20.29 -0.71 0.00 | 18.04 -0.63 0.00 | 16.27 -0.55 0.00 | 12.98 -0.42 0.00 | 15.98 -0.56 0.00 | 15.44 -0.52 0.00 | 14.62 -0.45 0.00 | 13.53 -0.40 0.00 | 13.71 -0.41 0.00 | 14.88 -0.45 0.00 | 15.43 -0.47 0.00 | 15.67 -0.50 0.00 | 16.31 -0.52 0.00 | 18.57 -0.61 0.00 | 20.84 -0.71 0.00 | 23.49 -0.79 0.00 | 23.13 -0.78 0.00 | 28.46 -0.95 0.00 | 28.72 -0.95 0.00 | 26.35 -0.88 0.00 | 24.36 -0.76 0.00 | 19.53 -0.56 0.00 |
| NM_CAPITAL____DRP 24208 | 26.39 0.83 0.00 | 25.54 0.79 0.00 | 21.67 0.67 0.00 | 19.24 0.58 0.00 | 17.38 0.55 0.00 | 13.82 0.42 0.00 | 16.93 0.40 0.00 | 16.29 0.32 0.00 | 15.39 0.32 0.00 | 14.26 0.33 0.00 | 14.43 0.32 0.00 | 15.65 0.33 0.00 | 16.26 0.36 0.00 | 16.57 0.40 0.00 | 17.25 0.42 0.00 | 19.64 0.48 0.03 | 22.17 0.61 0.00 | 24.97 0.69 0.00 | 24.58 0.67 0.00 | 30.15 0.74 0.00 | 30.38 0.71 0.00 | 27.91 0.68 0.00 | 25.56 0.44 0.00 | 20.52 0.43 0.00 |
| NM_CENTRAL____DRP 24181 | 25.14 -0.43 0.00 | 24.34 -0.41 0.00 | 20.69 -0.31 0.00 | 18.39 -0.28 0.00 | 16.58 -0.25 0.00 | 13.23 -0.17 0.00 | 16.27 -0.26 0.00 | 15.74 -0.23 0.00 | 14.91 -0.16 0.00 | 13.80 -0.12 0.00 | 13.99 -0.12 0.00 | 15.19 -0.14 0.00 | 15.74 -0.17 0.00 | 15.98 -0.19 0.00 | 16.64 -0.19 0.00 | 18.97 -0.22 0.00 | 21.28 -0.27 0.00 | 23.99 -0.28 0.00 | 23.63 -0.28 0.00 | 29.08 -0.33 0.00 | 29.34 -0.33 0.00 | 26.89 -0.34 0.00 | 24.88 -0.24 0.00 | 19.98 -0.10 0.00 |
| NM_FRONTIER____DRP 24179 | 24.42 -1.15 0.00 | 23.72 -1.02 0.00 | 20.11 -0.90 0.00 | 17.88 -0.79 0.00 | 16.00 -0.83 0.00 | 12.72 -0.68 0.00 | 15.72 -0.82 0.00 | 15.27 -0.69 0.00 | 14.70 -0.37 0.00 | 13.53 -0.40 0.00 | 13.74 -0.37 0.00 | 14.89 -0.43 0.00 | 15.43 -0.48 0.00 | 15.54 -0.63 0.00 | 16.17 -0.66 0.00 | 18.31 -0.87 0.00 | 20.39 -1.16 0.00 | 22.82 -1.45 0.00 | 22.35 -1.56 0.00 | 27.61 -1.80 0.00 | 28.07 -1.60 0.00 | 25.89 -1.33 0.00 | 24.75 -0.36 0.00 | 20.18 0.09 0.00 |
| NM_ST_REGIS____HYD 24053 | 25.76 0.20 0.00 | 24.88 0.14 0.00 | 21.20 0.20 0.00 | 18.83 0.16 0.00 | 16.90 0.07 0.00 | 13.49 0.09 0.00 | 16.77 0.23 0.00 | 16.13 0.16 0.00 | 15.21 0.14 0.00 | 13.99 0.07 0.00 | 14.16 0.05 0.00 | 15.45 0.12 0.00 | 16.00 0.10 0.00 | 16.19 0.02 0.00 | 16.79 -0.05 0.00 | 19.15 -0.04 0.00 | 21.52 -0.03 0.00 | 24.25 -0.02 0.00 | 23.91 0.01 0.00 | 29.55 0.14 0.00 | 29.87 0.20 0.00 | 27.43 0.21 0.00 | 25.43 0.31 0.00 | 20.05 -0.04 0.00 |
| NORTHPORT____1 23551 | 117.08 2.43 -89.09 | 79.49 2.34 -52.40 | 31.08 1.63 -8.44 | 20.28 1.62 0.00 | 18.26 1.43 0.00 | 14.54 1.14 0.00 | 17.75 1.22 0.00 | 17.29 1.33 0.00 | 16.46 1.40 0.00 | 15.11 1.19 0.00 | 15.15 1.03 0.00 | 16.47 1.15 0.00 | 17.11 1.20 0.00 | 17.64 1.47 0.00 | 18.47 1.64 0.00 | 21.13 1.92 -0.03 | 23.40 1.84 0.00 | 26.41 2.14 0.00 | 25.70 1.79 0.00 | 31.48 2.06 0.00 | 33.91 2.27 -1.98 | 45.82 2.23 -16.36 | 26.99 1.87 0.00 | 21.61 1.52 0.00 |
| NORTHPORT____2 23552 | 117.08 2.43 -89.09 | 79.49 2.34 -52.40 | 31.08 1.63 -8.44 | 20.28 1.62 0.00 | 18.26 1.43 0.00 | 14.54 1.14 0.00 | 17.75 1.22 0.00 | 17.29 1.33 0.00 | 16.46 1.40 0.00 | 15.11 1.19 0.00 | 15.15 1.03 0.00 | 16.47 1.15 0.00 | 17.11 1.20 0.00 | 17.64 1.47 0.00 | 18.47 1.64 0.00 | 21.13 1.92 -0.03 | 23.40 1.84 0.00 | 26.41 2.14 0.00 | 25.70 1.79 0.00 | 31.48 2.06 0.00 | 33.91 2.27 -1.98 | 45.82 2.23 -16.36 | 26.99 1.87 0.00 | 21.61 1.52 0.00 |
| NORTHPORT____3 23553 | 117.19 2.53 -89.09 | 79.58 2.43 -52.40 | 31.15 1.70 -8.44 | 20.31 1.64 0.00 | 18.29 1.46 0.00 | 14.56 1.16 0.00 | 17.78 1.24 0.00 | 17.30 1.33 0.00 | 16.48 1.41 0.00 | 15.15 1.23 0.00 | 15.20 1.09 0.00 | 16.53 1.21 0.00 | 17.18 1.28 0.00 | 17.69 1.52 0.00 | 18.53 1.70 0.00 | 21.20 1.99 -0.03 | 23.46 1.91 0.00 | 26.45 2.18 0.00 | 25.77 1.86 0.00 | 31.56 2.15 0.00 | 33.99 2.34 -1.98 | 45.90 2.31 -16.36 | 27.07 1.94 0.00 | 21.66 1.57 0.00 |
| NORTHPORT____4 23650 | 117.19 2.53 -89.09 | 79.58 2.43 -52.40 | 31.15 1.70 -8.44 | 20.31 1.64 0.00 | 18.29 1.46 0.00 | 14.56 1.16 0.00 | 17.78 1.24 0.00 | 17.30 1.33 0.00 | 16.48 1.41 0.00 | 15.15 1.23 0.00 | 15.20 1.09 0.00 | 16.53 1.21 0.00 | 17.18 1.28 0.00 | 17.69 1.52 0.00 | 18.53 1.70 0.00 | 21.20 1.99 -0.03 | 23.46 1.91 0.00 | 26.45 2.18 0.00 | 25.77 1.86 0.00 | 31.56 2.15 0.00 | 33.99 2.34 -1.98 | 45.90 2.31 -16.36 | 27.07 1.94 0.00 | 21.66 1.57 0.00 |
| NORTHPORT____IC 23718 | 117.08 2.43 -89.09 | 79.49 2.34 -52.40 | 31.08 1.63 -8.44 | 20.28 1.62 0.00 | 18.26 1.43 0.00 | 14.54 1.14 0.00 | 17.75 1.22 0.00 | 17.29 1.33 0.00 | 16.46 1.40 0.00 | 15.11 1.19 0.00 | 15.15 1.03 0.00 | 16.47 1.15 0.00 | 17.11 1.20 0.00 | 17.64 1.47 0.00 | 18.47 1.64 0.00 | 21.13 1.92 -0.03 | 23.40 1.84 0.00 | 26.41 2.14 0.00 | 25.70 1.79 0.00 | 31.48 2.06 0.00 | 33.91 2.27 -1.98 | 45.82 2.23 -16.36 | 26.99 1.87 0.00 | 21.61 1.52 0.00 |

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| NORTH__COUNTRY_ESR 323785 | 25.53 -0.03 0.00 | 24.74 -0.01 0.00 | 21.08 0.07 0.00 | 18.72 0.05 0.00 | 16.83 0.01 0.00 | 13.38 -0.02 0.00 | 16.66 0.12 0.00 | 16.08 0.12 0.00 | 15.14 0.08 0.00 | 13.92 -0.01 0.00 | 14.14 0.03 0.00 | 15.36 0.04 0.00 | 15.87 -0.04 0.00 | 16.08 -0.09 0.00 | 16.70 -0.14 0.00 | 19.01 -0.17 0.00 | 21.36 -0.19 0.00 | 24.12 -0.16 0.00 | 23.77 -0.14 0.00 | 29.36 -0.05 0.00 | 29.56 -0.10 0.00 | 27.17 -0.06 0.00 | 25.41 0.30 0.00 | 19.91 -0.18 0.00 |
| NPX_GEN_1385_PROXY 323591 | 107.67 1.73 -80.38 | 78.77 1.62 -52.40 | 30.57 1.13 -8.44 | 20.03 1.36 0.00 | 18.06 1.24 0.00 | 14.32 1.14 0.22 | 17.61 1.12 0.05 | 17.19 1.23 0.00 | 16.29 1.22 0.00 | 15.02 1.10 0.00 | 14.92 0.81 0.00 | 16.22 0.90 0.00 | 16.81 0.90 0.00 | 17.43 1.25 0.00 | 18.11 1.28 0.00 | 20.74 1.54 -0.03 | 22.84 1.29 0.00 | 26.10 1.83 0.00 | 25.23 1.32 0.00 | 30.79 1.38 0.00 | 33.24 1.60 -1.98 | 45.29 1.70 -16.36 | 26.57 1.45 0.00 | 21.31 1.41 0.18 |
| NPX_GEN_CSC 323557 | 117.37 2.71 -89.09 | 79.68 2.53 -52.40 | 31.23 1.79 -8.44 | 20.59 1.93 0.00 | 18.53 1.70 0.00 | 14.52 1.34 0.22 | 17.95 1.46 0.05 | 17.66 1.69 -0.01 | 16.84 1.77 -0.01 | 15.25 1.33 0.00 | 15.16 1.05 0.00 | 16.49 1.17 0.00 | 17.09 1.18 0.00 | 17.64 1.47 0.00 | 18.52 1.69 0.00 | 21.25 2.04 -0.03 | 23.66 2.10 0.00 | 26.78 2.51 0.00 | 26.11 2.20 0.00 | 31.90 2.48 0.00 | 34.22 2.58 -1.98 | 45.99 2.40 -16.36 | 27.09 1.97 0.00 | 21.47 1.56 0.18 |
| NSINS_S_GLNS_FALLS 23858 | 27.19 1.62 0.00 | 26.22 1.47 0.00 | 22.29 1.29 0.00 | 19.74 1.07 0.00 | 17.75 0.93 0.00 | 14.07 0.67 0.00 | 17.20 0.66 0.00 | 16.58 0.61 0.00 | 15.69 0.62 0.00 | 14.50 0.57 0.00 | 14.60 0.48 0.00 | 15.86 0.53 0.00 | 16.45 0.55 0.00 | 16.73 0.56 0.00 | 17.39 0.55 0.00 | 19.85 0.70 0.03 | 22.52 0.96 0.00 | 25.54 1.27 0.00 | 25.40 1.50 0.00 | 31.18 1.77 0.00 | 31.37 1.70 0.00 | 28.64 1.41 0.00 | 26.20 1.08 0.00 | 21.02 0.93 0.00 |
| NUCOR_STEEL__DRP 24197 | 25.64 0.07 0.00 | 24.83 0.08 0.00 | 21.05 0.05 0.00 | 18.71 0.05 0.00 | 16.79 -0.04 0.00 | 13.42 0.02 0.00 | 16.54 0.00 0.00 | 16.01 0.04 0.00 | 15.19 0.13 0.00 | 13.97 0.04 0.00 | 14.22 0.10 0.00 | 15.45 0.12 0.00 | 15.93 0.03 0.00 | 16.19 0.02 0.00 | 16.87 0.04 0.00 | 19.32 0.14 0.00 | 21.68 0.12 0.00 | 24.53 0.25 0.00 | 24.05 0.15 0.00 | 29.59 0.18 0.00 | 29.94 0.27 0.00 | 27.49 0.26 0.00 | 25.39 0.27 0.00 | 20.36 0.27 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 26.09 0.53 0.00 | 25.20 0.45 0.00 | 21.36 0.35 0.00 | 19.00 0.33 0.00 | 17.07 0.24 0.00 | 13.68 0.28 0.00 | 16.83 0.29 0.00 | 16.24 0.28 0.00 | 15.33 0.26 0.00 | 14.09 0.16 0.00 | 14.20 0.09 0.00 | 15.47 0.14 0.00 | 16.06 0.16 0.00 | 16.26 0.08 0.00 | 16.92 0.09 0.00 | 19.24 0.05 0.00 | 21.57 0.01 0.00 | 24.35 0.08 0.00 | 24.07 0.16 0.00 | 29.80 0.39 0.00 | 30.12 0.45 0.00 | 27.46 0.23 0.00 | 25.24 0.12 0.00 | 20.04 -0.05 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 25.56 0.00 0.00 | 24.74 0.00 0.00 | 21.00 0.00 0.00 | 18.67 0.00 0.00 | 16.83 0.00 0.00 | 13.40 0.00 0.00 | 16.54 0.00 0.00 | 15.97 0.00 0.00 | 15.07 0.00 0.00 | 13.93 0.00 0.00 | 14.11 0.00 0.00 | 15.32 0.00 0.00 | 15.90 0.00 0.00 | 16.18 0.00 0.00 | 16.83 0.00 0.00 | 19.18 0.00 0.00 | 21.55 0.00 0.00 | 24.28 0.00 0.00 | 23.91 0.00 0.00 | 29.41 0.00 0.00 | 29.66 0.00 0.00 | 27.23 0.00 0.00 | 25.12 0.00 0.00 | 20.09 0.00 0.00 |
| NYPA_BRENTWD__GT 24164 | 117.58 2.92 -89.09 | 79.90 2.75 -52.40 | 31.40 1.96 -8.44 | 20.56 1.89 0.00 | 18.50 1.67 0.00 | 14.72 1.32 0.00 | 17.97 1.43 0.00 | 17.51 1.55 0.00 | 16.69 1.62 0.00 | 15.30 1.37 0.00 | 15.33 1.21 0.00 | 16.66 1.34 0.00 | 17.31 1.41 0.00 | 17.85 1.68 0.00 | 18.72 1.88 0.00 | 21.44 2.24 -0.03 | 23.84 2.28 0.00 | 26.94 2.66 0.00 | 26.21 2.30 0.00 | 32.10 2.68 0.00 | 34.47 2.83 -1.98 | 46.20 2.61 -16.36 | 27.37 2.25 0.00 | 21.90 1.81 0.00 |
| NYPA_GOWANUS__GT5 24156 | 27.90 2.30 -0.03 | 26.81 2.07 0.00 | 22.61 1.61 0.00 | 20.06 1.40 0.00 | 18.09 1.26 0.00 | 14.34 0.94 0.00 | 17.55 1.01 0.00 | 17.01 1.04 0.00 | 16.21 1.15 0.00 | 15.03 1.10 0.00 | 15.24 1.13 0.00 | 16.53 1.21 0.00 | 17.23 1.33 0.00 | 17.65 1.48 0.00 | 18.44 1.61 0.00 | 21.10 1.89 -0.03 | 23.64 2.09 0.00 | 26.50 2.22 0.00 | 25.84 1.91 -0.02 | 31.56 2.15 0.00 | 31.78 2.11 0.00 | 29.23 2.00 0.00 | 26.80 1.68 0.00 | 21.46 1.37 0.00 |
| NYPA_GOWANUS__GT6 24157 | 27.90 2.30 -0.03 | 26.81 2.07 0.00 | 22.61 1.61 0.00 | 20.06 1.40 0.00 | 18.09 1.26 0.00 | 14.34 0.94 0.00 | 17.55 1.01 0.00 | 17.01 1.04 0.00 | 16.21 1.15 0.00 | 15.03 1.10 0.00 | 15.24 1.13 0.00 | 16.53 1.21 0.00 | 17.23 1.33 0.00 | 17.65 1.48 0.00 | 18.44 1.61 0.00 | 21.10 1.89 -0.03 | 23.64 2.09 0.00 | 26.50 2.22 0.00 | 25.84 1.91 -0.02 | 31.56 2.15 0.00 | 31.78 2.11 0.00 | 29.23 2.00 0.00 | 26.80 1.68 0.00 | 21.46 1.37 0.00 |
| NYPA_HARLEM_RVR_GT1 24160 | 27.77 2.21 0.00 | 26.69 1.95 0.00 | 22.50 1.49 0.00 | 19.95 1.28 0.00 | 18.01 1.18 0.00 | 14.26 0.86 0.00 | 17.46 0.92 0.00 | 16.93 0.96 0.00 | 16.13 1.07 0.00 | 14.94 1.02 0.00 | 15.14 1.03 0.00 | 16.41 1.09 0.00 | 17.12 1.22 0.00 | 17.54 1.37 0.00 | 18.30 1.47 0.00 | 20.99 1.79 -0.03 | 23.52 1.96 0.00 | 26.36 2.09 0.00 | 25.72 1.81 0.00 | 31.44 2.03 0.00 | 31.63 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| NYPA_HARLEM_RVR_GT2 24161 | 27.77 2.21 0.00 | 26.69 1.95 0.00 | 22.50 1.49 0.00 | 19.95 1.28 0.00 | 18.01 1.18 0.00 | 14.26 0.86 0.00 | 17.46 0.92 0.00 | 16.93 0.96 0.00 | 16.13 1.07 0.00 | 14.94 1.02 0.00 | 15.14 1.03 0.00 | 16.41 1.09 0.00 | 17.12 1.22 0.00 | 17.54 1.37 0.00 | 18.30 1.47 0.00 | 20.99 1.79 -0.03 | 23.52 1.96 0.00 | 26.36 2.09 0.00 | 25.72 1.81 0.00 | 31.44 2.03 0.00 | 31.63 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| NYPA_KENT__GT 24152 | 27.86 2.27 -0.02 | 26.80 2.05 0.00 | 22.60 1.60 0.00 | 20.06 1.39 0.00 | 18.09 1.26 0.00 | 14.34 0.94 0.00 | 17.55 1.01 0.00 | 17.01 1.04 0.00 | 16.22 1.15 0.00 | 15.03 1.11 0.00 | 15.24 1.13 0.00 | 16.53 1.21 0.00 | 17.23 1.32 0.00 | 17.65 1.47 0.00 | 18.43 1.60 0.00 | 21.09 1.88 -0.03 | 23.62 2.07 0.00 | 26.47 2.20 0.00 | 25.80 1.88 -0.01 | 31.54 2.13 0.00 | 31.76 2.10 0.00 | 29.20 1.97 0.00 | 26.77 1.66 0.00 | 21.44 1.35 0.00 |
| NYPA_POUCH1__GT 24155 | 27.82 2.23 -0.03 | 26.75 2.01 0.00 | 22.59 1.58 0.00 | 20.03 1.37 0.00 | 18.06 1.23 0.00 | 14.32 0.92 0.00 | 17.51 0.97 0.00 | 16.96 1.00 0.00 | 16.17 1.10 0.00 | 14.99 1.06 0.00 | 15.20 1.09 0.00 | 16.49 1.17 0.00 | 17.19 1.29 0.00 | 17.62 1.44 0.00 | 18.41 1.58 0.00 | 21.07 1.86 -0.03 | 23.62 2.06 0.00 | 26.47 2.19 0.00 | 25.81 1.89 -0.02 | 31.50 2.09 0.00 | 31.68 2.03 0.02 | 29.17 1.94 0.00 | 26.75 1.63 0.00 | 21.42 1.33 0.00 |
| NYPA_VERNON__GT2 24162 | 27.81 2.24 -0.01 | 26.76 2.02 0.00 | 22.57 1.57 0.00 | 20.04 1.37 0.00 | 18.07 1.25 0.00 | 14.33 0.93 0.00 | 17.54 1.00 0.00 | 17.01 1.04 0.00 | 16.21 1.15 0.00 | 15.03 1.10 0.00 | 15.24 1.12 0.00 | 16.52 1.20 0.00 | 17.21 1.31 0.00 | 17.62 1.45 0.00 | 18.41 1.58 0.00 | 21.06 1.85 -0.03 | 23.58 2.03 0.00 | 26.43 2.15 0.00 | 25.74 1.83 0.00 | 31.49 2.08 0.00 | 31.73 2.06 0.00 | 29.16 1.93 0.00 | 26.73 1.61 0.00 | 21.40 1.31 0.00 |

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| NYPA_VERNON____GT3 24163 | 27.81 2.24 -0.01 | 26.76 2.02 0.00 | 22.57 1.57 0.00 | 20.04 1.37 0.00 | 18.07 1.25 0.00 | 14.33 0.93 0.00 | 17.54 1.00 0.00 | 17.01 1.04 0.00 | 16.21 1.15 0.00 | 15.03 1.10 0.00 | 15.24 1.12 0.00 | 16.52 1.20 0.00 | 17.21 1.31 0.00 | 17.62 1.45 0.00 | 18.41 1.58 0.00 | 21.06 1.85 -0.03 | 23.58 2.03 0.00 | 26.43 2.15 0.00 | 25.74 1.83 0.00 | 31.49 2.08 0.00 | 31.73 2.06 0.00 | 29.16 1.93 0.00 | 26.73 1.61 0.00 | 21.40 1.31 0.00 |
| NYPA__ASTORIA_CC1 323568 | 27.76 2.19 0.00 | 26.71 1.97 0.00 | 22.53 1.53 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.02 0.00 | 16.19 1.12 0.00 | 15.00 1.08 0.00 | 15.21 1.10 0.00 | 16.49 1.17 0.00 | 17.18 1.27 0.00 | 17.59 1.42 0.00 | 18.37 1.54 0.00 | 21.02 1.81 -0.03 | 23.54 1.99 0.00 | 26.37 2.10 0.00 | 25.68 1.78 0.00 | 31.44 2.03 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| NYPA__ASTORIA_CC2 323569 | 27.76 2.19 0.00 | 26.71 1.97 0.00 | 22.53 1.53 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.02 0.00 | 16.19 1.12 0.00 | 15.00 1.08 0.00 | 15.21 1.10 0.00 | 16.49 1.17 0.00 | 17.18 1.27 0.00 | 17.59 1.42 0.00 | 18.37 1.54 0.00 | 21.02 1.81 -0.03 | 23.54 1.99 0.00 | 26.37 2.10 0.00 | 25.68 1.78 0.00 | 31.44 2.03 0.00 | 31.67 2.00 0.00 | 29.10 1.87 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| NYPA__HOLTSVILL 23794 | 117.42 2.76 -89.09 | 79.75 2.60 -52.40 | 31.28 1.84 -8.44 | 20.49 1.82 0.00 | 18.44 1.62 0.00 | 14.68 1.28 0.00 | 17.92 1.38 0.00 | 17.49 1.52 -0.01 | 16.68 1.60 -0.01 | 15.24 1.31 0.00 | 15.22 1.11 0.00 | 16.55 1.23 0.00 | 17.17 1.26 0.00 | 17.71 1.53 0.00 | 18.57 1.73 0.00 | 21.28 2.07 -0.03 | 23.67 2.11 0.00 | 26.75 2.48 0.00 | 26.07 2.16 0.00 | 31.86 2.45 0.00 | 34.22 2.57 -1.98 | 46.02 2.44 -16.36 | 27.16 2.04 0.00 | 21.74 1.65 0.00 |
| NYPA_____HELLGATE_GT1 24158 | 27.77 2.21 0.00 | 26.69 1.95 0.00 | 22.50 1.49 0.00 | 19.95 1.28 0.00 | 18.01 1.18 0.00 | 14.26 0.86 0.00 | 17.46 0.92 0.00 | 16.93 0.96 0.00 | 16.13 1.07 0.00 | 14.94 1.02 0.00 | 15.14 1.03 0.00 | 16.41 1.09 0.00 | 17.12 1.22 0.00 | 17.54 1.37 0.00 | 18.30 1.47 0.00 | 20.99 1.79 -0.03 | 23.52 1.96 0.00 | 26.36 2.09 0.00 | 25.72 1.81 0.00 | 31.44 2.03 0.00 | 31.63 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| NYPA_____HELLGATE_GT2 24159 | 27.77 2.21 0.00 | 26.69 1.95 0.00 | 22.50 1.49 0.00 | 19.95 1.28 0.00 | 18.01 1.18 0.00 | 14.26 0.86 0.00 | 17.46 0.92 0.00 | 16.93 0.96 0.00 | 16.13 1.07 0.00 | 14.94 1.02 0.00 | 15.14 1.03 0.00 | 16.41 1.09 0.00 | 17.12 1.22 0.00 | 17.54 1.37 0.00 | 18.30 1.47 0.00 | 20.99 1.79 -0.03 | 23.52 1.96 0.00 | 26.36 2.09 0.00 | 25.72 1.81 0.00 | 31.44 2.03 0.00 | 31.63 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |
| NYS_BARGE___HYD 23848 | 24.84 -0.73 0.00 | 24.07 -0.67 0.00 | 20.39 -0.61 0.00 | 18.11 -0.56 0.00 | 16.22 -0.61 0.00 | 12.90 -0.50 0.00 | 15.93 -0.61 0.00 | 15.49 -0.47 0.00 | 14.90 -0.16 0.00 | 13.75 -0.17 0.00 | 13.94 -0.17 0.00 | 15.10 -0.22 0.00 | 15.66 -0.24 0.00 | 15.78 -0.39 0.00 | 16.45 -0.38 0.00 | 18.74 -0.44 0.00 | 20.89 -0.67 0.00 | 23.41 -0.87 0.00 | 22.94 -0.96 0.00 | 28.35 -1.06 0.00 | 28.81 -0.86 0.00 | 26.55 -0.68 0.00 | 25.23 0.11 0.00 | 20.49 0.40 0.00 |
| OAK ORCHARD___HYD 24046 | 25.23 -0.33 0.00 | 24.43 -0.31 0.00 | 20.70 -0.30 0.00 | 18.39 -0.27 0.00 | 16.51 -0.31 0.00 | 13.15 -0.25 0.00 | 16.21 -0.32 0.00 | 15.72 -0.25 0.00 | 15.02 -0.05 0.00 | 13.89 -0.04 0.00 | 14.06 -0.05 0.00 | 15.28 -0.05 0.00 | 15.86 -0.05 0.00 | 16.06 -0.11 0.00 | 16.74 -0.10 0.00 | 19.08 -0.11 0.00 | 21.35 -0.20 0.00 | 24.07 -0.21 0.00 | 23.66 -0.25 0.00 | 29.19 -0.22 0.00 | 29.53 -0.13 0.00 | 27.14 -0.09 0.00 | 25.41 0.29 0.00 | 20.49 0.40 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 25.64 0.08 0.00 | 24.81 0.07 0.00 | 21.04 0.04 0.00 | 18.69 0.03 0.00 | 16.84 0.01 0.00 | 13.42 0.02 0.00 | 16.52 -0.02 0.00 | 16.02 0.05 0.00 | 15.20 0.13 0.00 | 14.07 0.14 0.00 | 14.25 0.14 0.00 | 15.46 0.14 0.00 | 16.05 0.15 0.00 | 16.34 0.16 0.00 | 17.01 0.18 0.00 | 19.47 0.28 0.00 | 21.79 0.23 0.00 | 24.52 0.25 0.00 | 24.06 0.15 0.00 | 29.57 0.16 0.00 | 29.84 0.17 0.00 | 27.31 0.08 0.00 | 25.31 0.20 0.00 | 20.31 0.22 0.00 |
| OCC_CHEM___DRP 24175 | 24.47 -1.09 0.00 | 23.77 -0.97 0.00 | 20.14 -0.86 0.00 | 17.91 -0.75 0.00 | 16.03 -0.80 0.00 | 12.75 -0.65 0.00 | 15.75 -0.79 0.00 | 15.30 -0.67 0.00 | 14.73 -0.34 0.00 | 13.56 -0.37 0.00 | 13.77 -0.34 0.00 | 14.92 -0.40 0.00 | 15.47 -0.44 0.00 | 15.58 -0.60 0.00 | 16.21 -0.62 0.00 | 18.37 -0.81 0.00 | 20.45 -1.10 0.00 | 22.89 -1.39 0.00 | 22.41 -1.50 0.00 | 27.70 -1.72 0.00 | 28.15 -1.51 0.00 | 25.96 -1.26 0.00 | 24.81 -0.31 0.00 | 20.23 0.14 0.00 |
| OH_GEN_PROXY 24063 | 24.66 -0.91 0.00 | 23.91 -0.83 0.00 | 20.27 -0.74 0.00 | 18.01 -0.66 0.00 | 16.13 -0.70 0.00 | 12.61 -0.57 0.22 | 15.80 -0.69 0.05 | 15.40 -0.57 0.00 | 14.82 -0.25 0.00 | 13.69 -0.24 0.00 | 13.84 -0.27 0.00 | 15.02 -0.30 0.00 | 15.57 -0.33 0.00 | 15.70 -0.48 0.00 | 16.35 -0.48 0.00 | 18.62 -0.56 0.00 | 20.74 -0.82 0.00 | 23.24 -1.04 0.00 | 22.75 -1.16 0.00 | 28.11 -1.31 0.00 | 28.53 -1.13 0.00 | 26.29 -0.94 0.00 | 24.95 -0.17 0.00 | 20.08 0.17 0.18 |
| OLIN_CORP_DRP 24177 | 24.49 -1.08 0.00 | 23.74 -1.00 0.00 | 20.12 -0.89 0.00 | 17.88 -0.79 0.00 | 16.01 -0.82 0.00 | 12.73 -0.67 0.00 | 15.72 -0.82 0.00 | 15.29 -0.68 0.00 | 14.71 -0.36 0.00 | 13.53 -0.39 0.00 | 13.75 -0.36 0.00 | 14.90 -0.42 0.00 | 15.44 -0.47 0.00 | 15.54 -0.63 0.00 | 16.20 -0.63 0.00 | 18.45 -0.73 0.00 | 20.55 -1.00 0.00 | 23.00 -1.27 0.00 | 22.54 -1.37 0.00 | 27.85 -1.56 0.00 | 28.31 -1.36 0.00 | 26.10 -1.13 0.00 | 24.84 -0.28 0.00 | 20.21 0.12 0.00 |
| OLIN_CORP_DSASP 323712 | 24.48 -1.08 0.00 | 23.77 -0.97 0.00 | 20.14 -0.86 0.00 | 17.91 -0.75 0.00 | 16.03 -0.80 0.00 | 12.75 -0.65 0.00 | 15.74 -0.79 0.00 | 15.30 -0.66 0.00 | 14.73 -0.34 0.00 | 13.59 -0.33 0.00 | 13.76 -0.36 0.00 | 14.92 -0.40 0.00 | 15.47 -0.44 0.00 | 15.58 -0.60 0.00 | 16.21 -0.63 0.00 | 18.37 -0.81 0.00 | 20.45 -1.11 0.00 | 22.89 -1.39 0.00 | 22.40 -1.50 0.00 | 27.70 -1.71 0.00 | 28.15 -1.52 0.00 | 25.96 -1.26 0.00 | 24.81 -0.31 0.00 | 20.22 0.14 0.00 |
| ONEIDA_HERK_LFGE 323681 | 26.10 0.53 0.00 | 25.21 0.46 0.00 | 21.38 0.38 0.00 | 19.01 0.34 0.00 | 17.11 0.28 0.00 | 13.67 0.27 0.00 | 16.83 0.29 0.00 | 16.25 0.29 0.00 | 15.34 0.27 0.00 | 14.14 0.22 0.00 | 14.30 0.19 0.00 | 15.54 0.21 0.00 | 16.15 0.25 0.00 | 16.39 0.22 0.00 | 17.06 0.23 0.00 | 19.44 0.26 0.00 | 21.82 0.27 0.00 | 24.64 0.36 0.00 | 24.33 0.42 0.00 | 30.06 0.65 0.00 | 30.34 0.68 0.00 | 27.75 0.52 0.00 | 25.53 0.41 0.00 | 20.35 0.26 0.00 |
| ONEIDA___115KV_TB4 55905 | 26.08 0.51 0.00 | 25.20 0.45 0.00 | 21.38 0.38 0.00 | 19.00 0.34 0.00 | 17.12 0.30 0.00 | 13.65 0.25 0.00 | 16.82 0.28 0.00 | 16.25 0.29 0.00 | 15.33 0.26 0.00 | 14.16 0.23 0.00 | 14.34 0.23 0.00 | 15.57 0.25 0.00 | 16.19 0.28 0.00 | 16.46 0.29 0.00 | 17.14 0.31 0.00 | 19.56 0.38 0.00 | 21.97 0.42 0.00 | 24.78 0.51 0.00 | 24.45 0.54 0.00 | 30.20 0.79 0.00 | 30.49 0.82 0.00 | 27.91 0.69 0.00 | 25.72 0.60 0.00 | 20.55 0.46 0.00 |

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| ONONDAGA_REF_OCCRA 23987 | 25.32 -0.24 0.00 | 24.50 -0.24 0.00 | 20.82 -0.18 0.00 | 18.51 -0.16 0.00 | 16.68 -0.14 0.00 | 13.31 -0.10 0.00 | 16.38 -0.16 0.00 | 15.84 -0.13 0.00 | 15.00 -0.07 0.00 | 13.88 -0.05 0.00 | 14.07 -0.04 0.00 | 15.27 -0.05 0.00 | 15.83 -0.07 0.00 | 16.09 -0.08 0.00 | 16.75 -0.08 0.00 | 19.11 -0.08 0.00 | 21.44 -0.11 0.00 | 24.18 -0.10 0.00 | 23.82 -0.09 0.00 | 29.31 -0.10 0.00 | 29.57 -0.09 0.00 | 27.09 -0.14 0.00 | 25.06 -0.06 0.00 | 20.11 0.02 0.00 |
| ONONDAGA___COGEN 23986 | 25.32 -0.24 0.00 | 24.50 -0.24 0.00 | 20.80 -0.20 0.00 | 18.49 -0.18 0.00 | 16.66 -0.16 0.00 | 13.30 -0.10 0.00 | 16.37 -0.17 0.00 | 15.83 -0.14 0.00 | 14.99 -0.07 0.00 | 13.86 -0.06 0.00 | 14.06 -0.05 0.00 | 15.27 -0.05 0.00 | 15.82 -0.08 0.00 | 16.08 -0.09 0.00 | 16.74 -0.09 0.00 | 19.10 -0.08 0.00 | 21.44 -0.11 0.00 | 24.18 -0.09 0.00 | 23.81 -0.10 0.00 | 29.29 -0.12 0.00 | 29.56 -0.11 0.00 | 27.09 -0.14 0.00 | 25.05 -0.07 0.00 | 20.09 0.00 0.00 |
| ONTARIO___LFGE 23819 | 25.62 0.06 0.00 | 24.73 -0.01 0.00 | 20.97 -0.04 0.00 | 18.59 -0.08 0.00 | 16.70 -0.13 0.00 | 13.33 -0.08 0.00 | 16.42 -0.11 0.00 | 15.96 -0.01 0.00 | 15.18 0.11 0.00 | 14.02 0.09 0.00 | 14.19 0.07 0.00 | 15.39 0.07 0.00 | 15.97 0.06 0.00 | 16.23 0.06 0.00 | 16.91 0.08 0.00 | 19.37 0.18 0.00 | 21.68 0.12 0.00 | 24.46 0.19 0.00 | 24.11 0.20 0.00 | 29.65 0.24 0.00 | 30.02 0.35 0.00 | 27.52 0.29 0.00 | 25.60 0.48 0.00 | 20.50 0.42 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 25.24 -0.33 0.00 | 24.39 -0.36 0.00 | 20.63 -0.38 0.00 | 18.24 -0.43 0.00 | 16.31 -0.52 0.00 | 13.00 -0.40 0.00 | 16.07 -0.47 0.00 | 15.68 -0.28 0.00 | 15.08 0.02 0.00 | 13.95 0.02 0.00 | 14.09 -0.03 0.00 | 15.29 -0.04 0.00 | 15.87 -0.03 0.00 | 16.06 -0.11 0.00 | 16.74 -0.10 0.00 | 19.13 -0.05 0.00 | 21.33 -0.23 0.00 | 23.96 -0.32 0.00 | 23.43 -0.47 0.00 | 28.93 -0.48 0.00 | 29.32 -0.34 0.00 | 26.88 -0.35 0.00 | 25.33 0.21 0.00 | 20.46 0.37 0.00 |
| ORANGEVILLE___ESR 323794 | 25.24 -0.33 0.00 | 24.39 -0.36 0.00 | 20.63 -0.38 0.00 | 18.24 -0.43 0.00 | 16.31 -0.52 0.00 | 13.00 -0.40 0.00 | 16.07 -0.47 0.00 | 15.68 -0.28 0.00 | 15.08 0.02 0.00 | 13.95 0.02 0.00 | 14.09 -0.03 0.00 | 15.29 -0.04 0.00 | 15.87 -0.03 0.00 | 16.06 -0.11 0.00 | 16.74 -0.10 0.00 | 19.13 -0.05 0.00 | 21.33 -0.23 0.00 | 23.96 -0.32 0.00 | 23.43 -0.47 0.00 | 28.93 -0.48 0.00 | 29.32 -0.34 0.00 | 26.88 -0.35 0.00 | 25.33 0.21 0.00 | 20.46 0.37 0.00 |
| OSWEGATCHIE___HYD 24044 | 25.88 0.31 0.00 | 24.98 0.24 0.00 | 21.24 0.23 0.00 | 18.87 0.20 0.00 | 16.94 0.11 0.00 | 13.57 0.17 0.00 | 16.77 0.23 0.00 | 16.15 0.18 0.00 | 15.22 0.15 0.00 | 13.99 0.07 0.00 | 14.11 0.00 0.00 | 15.40 0.07 0.00 | 15.97 0.07 0.00 | 16.15 -0.03 0.00 | 16.79 -0.05 0.00 | 19.10 -0.08 0.00 | 21.44 -0.11 0.00 | 24.19 -0.09 0.00 | 23.89 -0.02 0.00 | 29.57 0.16 0.00 | 29.91 0.24 0.00 | 27.37 0.14 0.00 | 25.24 0.12 0.00 | 20.00 -0.09 0.00 |
| OSWEGO___5 23606 | 24.89 -0.67 0.00 | 24.09 -0.65 0.00 | 20.45 -0.55 0.00 | 18.19 -0.48 0.00 | 16.39 -0.43 0.00 | 13.08 -0.32 0.00 | 16.10 -0.44 0.00 | 15.57 -0.40 0.00 | 14.73 -0.33 0.00 | 13.63 -0.30 0.00 | 13.81 -0.30 0.00 | 14.99 -0.33 0.00 | 15.55 -0.35 0.00 | 15.80 -0.37 0.00 | 16.45 -0.39 0.00 | 18.73 -0.46 0.00 | 21.01 -0.54 0.00 | 23.68 -0.59 0.00 | 23.32 -0.59 0.00 | 28.69 -0.72 0.00 | 28.95 -0.71 0.00 | 26.56 -0.67 0.00 | 24.57 -0.55 0.00 | 19.70 -0.39 0.00 |
| OSWEGO___6 23613 | 24.89 -0.67 0.00 | 24.09 -0.65 0.00 | 20.45 -0.55 0.00 | 18.19 -0.48 0.00 | 16.39 -0.43 0.00 | 13.08 -0.32 0.00 | 16.10 -0.44 0.00 | 15.57 -0.40 0.00 | 14.73 -0.33 0.00 | 13.63 -0.30 0.00 | 13.81 -0.30 0.00 | 14.99 -0.33 0.00 | 15.55 -0.35 0.00 | 15.80 -0.37 0.00 | 16.45 -0.39 0.00 | 18.73 -0.46 0.00 | 21.01 -0.54 0.00 | 23.68 -0.59 0.00 | 23.32 -0.59 0.00 | 28.69 -0.72 0.00 | 28.95 -0.71 0.00 | 26.56 -0.67 0.00 | 24.57 -0.55 0.00 | 19.70 -0.39 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 25.03 -0.53 0.00 | 24.27 -0.48 0.00 | 20.55 -0.45 0.00 | 18.26 -0.41 0.00 | 16.34 -0.49 0.00 | 13.00 -0.40 0.00 | 16.05 -0.48 0.00 | 15.62 -0.35 0.00 | 15.04 -0.03 0.00 | 13.85 -0.08 0.00 | 14.08 -0.03 0.00 | 15.26 -0.06 0.00 | 15.83 -0.07 0.00 | 15.96 -0.21 0.00 | 16.64 -0.20 0.00 | 18.92 -0.26 0.00 | 21.08 -0.48 0.00 | 23.62 -0.65 0.00 | 23.12 -0.78 0.00 | 28.56 -0.85 0.00 | 28.99 -0.67 0.00 | 26.72 -0.50 0.00 | 25.41 0.29 0.00 | 20.65 0.56 0.00 |
| OXBOW____ 24026 | 24.83 -0.73 0.00 | 24.09 -0.66 0.00 | 20.40 -0.60 0.00 | 18.13 -0.54 0.00 | 16.23 -0.60 0.00 | 12.91 -0.49 0.00 | 15.94 -0.60 0.00 | 15.50 -0.46 0.00 | 14.92 -0.14 0.00 | 13.78 -0.14 0.00 | 13.95 -0.16 0.00 | 15.14 -0.18 0.00 | 15.70 -0.20 0.00 | 15.82 -0.35 0.00 | 16.48 -0.36 0.00 | 18.71 -0.48 0.00 | 20.84 -0.72 0.00 | 23.34 -0.94 0.00 | 22.84 -1.06 0.00 | 28.23 -1.18 0.00 | 28.67 -1.00 0.00 | 26.43 -0.80 0.00 | 25.19 0.08 0.00 | 20.50 0.41 0.00 |
| OXY_CHEM_DSASP 323612 | 24.47 -1.09 0.00 | 23.77 -0.97 0.00 | 20.14 -0.86 0.00 | 17.91 -0.75 0.00 | 16.03 -0.80 0.00 | 12.75 -0.65 0.00 | 15.75 -0.79 0.00 | 15.30 -0.67 0.00 | 14.73 -0.34 0.00 | 13.56 -0.37 0.00 | 13.77 -0.34 0.00 | 14.92 -0.40 0.00 | 15.47 -0.44 0.00 | 15.58 -0.60 0.00 | 16.21 -0.62 0.00 | 18.37 -0.81 0.00 | 20.45 -1.10 0.00 | 22.89 -1.39 0.00 | 22.41 -1.50 0.00 | 27.70 -1.72 0.00 | 28.15 -1.51 0.00 | 25.96 -1.26 0.00 | 24.81 -0.31 0.00 | 20.23 0.14 0.00 |
| OZONE_PARK_ESR 323760 | 28.08 2.51 0.00 | 27.01 2.27 0.00 | 22.77 1.77 0.00 | 20.20 1.54 0.00 | 18.21 1.39 0.00 | 14.44 1.04 0.00 | 17.68 1.14 0.00 | 17.13 1.17 0.00 | 16.35 1.28 0.00 | 15.15 1.22 0.00 | 15.36 1.25 0.00 | 16.67 1.35 0.00 | 17.38 1.47 0.00 | 17.79 1.62 0.00 | 18.57 1.73 0.00 | 21.25 2.04 -0.03 | 23.81 2.25 0.00 | 26.69 2.42 0.00 | 26.00 2.09 0.00 | 31.79 2.38 0.00 | 32.02 2.35 0.00 | 29.44 2.21 0.00 | 26.99 1.87 0.00 | 21.61 1.52 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 24.47 -1.09 0.00 | 23.77 -0.97 0.00 | 20.14 -0.86 0.00 | 17.91 -0.75 0.00 | 16.03 -0.80 0.00 | 12.75 -0.65 0.00 | 15.75 -0.79 0.00 | 15.30 -0.67 0.00 | 14.73 -0.34 0.00 | 13.56 -0.37 0.00 | 13.77 -0.34 0.00 | 14.92 -0.40 0.00 | 15.47 -0.44 0.00 | 15.58 -0.60 0.00 | 16.21 -0.62 0.00 | 18.37 -0.81 0.00 | 20.45 -1.10 0.00 | 22.89 -1.39 0.00 | 22.41 -1.50 0.00 | 27.70 -1.72 0.00 | 28.15 -1.51 0.00 | 25.96 -1.26 0.00 | 24.81 -0.31 0.00 | 20.23 0.14 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 24.47 -1.09 0.00 | 23.77 -0.97 0.00 | 20.14 -0.86 0.00 | 17.91 -0.75 0.00 | 16.03 -0.80 0.00 | 12.75 -0.65 0.00 | 15.75 -0.79 0.00 | 15.30 -0.67 0.00 | 14.73 -0.34 0.00 | 13.56 -0.37 0.00 | 13.77 -0.34 0.00 | 14.92 -0.40 0.00 | 15.47 -0.44 0.00 | 15.58 -0.60 0.00 | 16.21 -0.62 0.00 | 18.37 -0.81 0.00 | 20.45 -1.10 0.00 | 22.89 -1.39 0.00 | 22.41 -1.50 0.00 | 27.70 -1.72 0.00 | 28.15 -1.51 0.00 | 25.96 -1.26 0.00 | 24.81 -0.31 0.00 | 20.23 0.14 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 27.79 2.22 0.00 | 26.72 1.97 0.00 | 22.53 1.52 0.00 | 19.98 1.31 0.00 | 18.02 1.20 0.00 | 14.28 0.88 0.00 | 17.49 0.95 0.00 | 16.96 0.99 0.00 | 16.16 1.09 0.00 | 14.96 1.04 0.00 | 15.16 1.05 0.00 | 16.43 1.11 0.00 | 17.15 1.25 0.00 | 17.56 1.38 0.00 | 18.32 1.48 0.00 | 20.97 1.76 -0.03 | 23.49 1.94 0.00 | 26.35 2.07 0.00 | 25.72 1.81 0.00 | 31.45 2.04 0.00 | 31.65 1.99 0.00 | 29.08 1.85 0.00 | 26.65 1.53 0.00 | 21.36 1.27 0.00 |

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| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 28.11 2.55 0.00 | 27.01 2.26 0.00 | 22.75 1.75 0.00 | 20.17 1.50 0.00 | 18.18 1.36 0.00 | 14.37 0.97 0.00 | 17.59 1.05 0.00 | 17.04 1.08 0.00 | 16.23 1.17 0.00 | 15.04 1.12 0.00 | 15.24 1.13 0.00 | 16.52 1.20 0.00 | 17.23 1.33 0.00 | 17.64 1.47 0.00 | 18.40 1.56 0.00 | 21.06 1.85 -0.03 | 23.60 2.05 0.00 | 26.46 2.19 0.00 | 25.82 1.91 0.00 | 31.57 2.16 0.00 | 31.75 2.09 0.00 | 29.18 1.95 0.00 | 26.74 1.63 0.00 | 21.43 1.34 0.00 |
| PATROON__115KV_TB1 80586 | 26.41 0.85 0.00 | 25.55 0.81 0.00 | 21.68 0.67 0.00 | 19.25 0.58 0.00 | 17.39 0.56 0.00 | 13.83 0.43 0.00 | 16.94 0.40 0.00 | 16.30 0.34 0.00 | 15.41 0.34 0.00 | 14.28 0.35 0.00 | 14.46 0.34 0.00 | 15.68 0.35 0.00 | 16.29 0.39 0.00 | 16.61 0.43 0.00 | 17.29 0.46 0.00 | 19.70 0.54 0.03 | 22.23 0.68 0.00 | 25.04 0.77 0.00 | 24.65 0.74 0.00 | 30.24 0.82 0.00 | 30.45 0.78 0.00 | 27.96 0.73 0.00 | 25.61 0.49 0.00 | 20.55 0.46 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 25.19 -0.38 0.00 | 24.39 -0.36 0.00 | 20.64 -0.37 0.00 | 18.33 -0.34 0.00 | 16.42 -0.41 0.00 | 13.07 -0.33 0.00 | 16.13 -0.41 0.00 | 15.72 -0.25 0.00 | 15.13 0.06 0.00 | 13.96 0.04 0.00 | 14.18 0.06 0.00 | 15.37 0.04 0.00 | 15.95 0.04 0.00 | 16.13 -0.05 0.00 | 16.82 -0.02 0.00 | 19.20 0.02 0.00 | 21.38 -0.17 0.00 | 23.99 -0.29 0.00 | 23.45 -0.46 0.00 | 28.92 -0.49 0.00 | 29.30 -0.36 0.00 | 26.92 -0.31 0.00 | 25.46 0.34 0.00 | 20.61 0.52 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 27.69 2.13 0.00 | 26.68 1.94 0.00 | 22.53 1.53 0.00 | 19.99 1.32 0.00 | 18.02 1.19 0.00 | 14.30 0.90 0.00 | 17.53 0.99 0.00 | 16.97 1.01 0.00 | 16.15 1.08 0.00 | 14.96 1.03 0.00 | 15.17 1.06 0.00 | 16.46 1.14 0.00 | 17.15 1.25 0.00 | 17.54 1.37 0.00 | 18.31 1.48 0.00 | 20.97 1.77 -0.02 | 23.54 1.98 0.00 | 26.47 2.20 0.00 | 25.85 1.95 0.00 | 31.62 2.21 0.00 | 31.82 2.15 0.00 | 29.19 1.97 0.00 | 26.73 1.61 0.00 | 21.39 1.30 0.00 |
| PEEKSKILL____ 23653 | 27.43 1.86 0.00 | 26.44 1.69 0.00 | 22.31 1.31 0.00 | 19.81 1.15 0.00 | 17.86 1.03 0.00 | 14.18 0.78 0.00 | 17.37 0.83 0.00 | 16.83 0.86 0.00 | 16.03 0.96 0.00 | 14.84 0.91 0.00 | 15.05 0.93 0.00 | 16.33 1.01 0.00 | 17.01 1.10 0.00 | 17.41 1.24 0.00 | 18.17 1.34 0.00 | 20.79 1.58 -0.03 | 23.31 1.76 0.00 | 26.18 1.91 0.00 | 25.54 1.63 0.00 | 31.23 1.82 0.00 | 31.46 1.79 0.00 | 28.87 1.64 0.00 | 26.45 1.33 0.00 | 21.19 1.10 0.00 |
| PGE MADISON__WINDPWR 24146 | 27.22 1.65 0.00 | 26.30 1.56 0.00 | 22.32 1.32 0.00 | 19.85 1.18 0.00 | 17.88 1.05 0.00 | 14.26 0.86 0.00 | 17.58 1.04 0.00 | 17.06 1.09 0.00 | 16.06 0.99 0.00 | 14.73 0.80 0.00 | 14.86 0.74 0.00 | 16.14 0.81 0.00 | 16.76 0.86 0.00 | 17.07 0.89 0.00 | 17.78 0.94 0.00 | 20.42 1.24 0.00 | 22.88 1.33 0.00 | 25.94 1.66 0.00 | 25.76 1.85 0.00 | 31.84 2.43 0.00 | 32.16 2.49 0.00 | 29.38 2.15 0.00 | 27.06 1.94 0.00 | 21.58 1.49 0.00 |
| PIERCEFIELD__HYD 23852 | 25.69 0.12 0.00 | 24.81 0.07 0.00 | 21.15 0.14 0.00 | 18.78 0.11 0.00 | 16.85 0.02 0.00 | 13.46 0.07 0.00 | 16.73 0.19 0.00 | 16.07 0.11 0.00 | 15.16 0.09 0.00 | 13.95 0.02 0.00 | 14.10 -0.01 0.00 | 15.40 0.07 0.00 | 15.96 0.05 0.00 | 16.15 -0.03 0.00 | 16.74 -0.10 0.00 | 19.09 -0.09 0.00 | 21.46 -0.09 0.00 | 24.17 -0.11 0.00 | 23.83 -0.08 0.00 | 29.44 0.03 0.00 | 29.77 0.11 0.00 | 27.33 0.10 0.00 | 25.30 0.18 0.00 | 19.99 -0.09 0.00 |
| PINELAWN_CC_1 323563 | 117.45 2.80 -89.09 | 79.76 2.61 -52.40 | 31.29 1.85 -8.44 | 20.41 1.75 0.00 | 18.38 1.55 0.00 | 14.62 1.22 0.00 | 17.85 1.31 0.00 | 17.37 1.40 0.00 | 16.55 1.48 0.00 | 15.19 1.27 0.00 | 15.24 1.13 0.00 | 16.57 1.25 0.00 | 17.23 1.33 0.00 | 17.75 1.57 0.00 | 18.61 1.77 0.00 | 21.32 2.12 -0.03 | 23.73 2.18 0.00 | 26.80 2.52 0.00 | 26.13 2.23 0.00 | 31.97 2.56 0.00 | 34.32 2.68 -1.98 | 46.12 2.53 -16.36 | 27.26 2.14 0.00 | 21.79 1.70 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 27.64 2.07 0.00 | 26.45 1.88 0.17 | 22.07 1.45 0.38 | 19.93 1.27 0.00 | 17.97 1.15 0.00 | 14.26 0.86 0.00 | 17.46 0.93 0.00 | 16.93 0.96 0.00 | 16.14 1.07 0.00 | 14.96 1.03 0.00 | 15.17 1.06 0.00 | 16.46 1.14 0.00 | 17.15 1.24 0.00 | 17.56 1.39 0.00 | 18.33 1.50 0.00 | 20.98 1.77 -0.03 | 23.49 1.94 0.00 | 26.34 2.07 0.00 | 25.65 1.74 0.00 | 31.36 1.94 0.00 | 31.58 1.92 0.00 | 29.02 1.80 0.00 | 26.61 1.49 0.00 | 20.44 1.22 0.86 |
| PJM_GEN_KEystone 24065 | 26.17 0.60 0.00 | 25.09 0.52 0.17 | 20.97 0.35 0.38 | 18.96 0.29 0.00 | 17.06 0.24 0.00 | 13.58 0.17 0.00 | 16.68 0.14 0.00 | 13.51 0.24 2.70 | 18.23 0.44 -2.72 | 14.37 0.44 0.00 | 14.55 0.44 0.00 | 15.76 0.44 0.00 | 16.40 0.50 0.00 | 16.72 0.55 0.00 | 17.44 0.60 0.00 | 19.96 0.77 -0.01 | 22.30 0.75 0.00 | 25.06 0.78 0.00 | 24.40 0.50 0.00 | 29.89 0.48 0.00 | 30.15 0.49 0.00 | 27.65 0.42 0.00 | 26.52 0.50 -0.90 | 19.76 0.53 0.86 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 117.09 2.43 -89.09 | 79.25 2.27 -52.23 | 30.61 1.55 -8.06 | 20.14 1.47 0.00 | 18.14 1.31 0.00 | 14.42 1.02 0.00 | 17.63 1.09 0.00 | 17.13 1.17 0.00 | 16.32 1.25 0.00 | 15.02 1.09 0.00 | 15.11 1.00 0.00 | 16.43 1.10 0.00 | 17.08 1.18 0.00 | 17.58 1.40 0.00 | 18.40 1.57 0.00 | 21.04 1.84 -0.03 | 23.44 1.89 0.00 | 26.43 2.15 0.00 | 25.74 1.83 0.00 | 31.49 2.08 0.00 | 33.81 2.16 -1.98 | 45.68 2.09 -16.36 | 26.86 1.74 0.00 | 20.63 1.40 0.86 |
| PJM_GEN_VFT_PROXY 323633 | 27.55 1.99 0.00 | 26.37 1.79 0.17 | 21.99 1.37 0.38 | 19.86 1.19 0.00 | 17.91 1.08 0.00 | 14.22 0.82 0.00 | 17.41 0.87 0.00 | 16.87 0.90 0.00 | 16.09 1.03 0.00 | 14.93 1.01 0.00 | 15.15 1.04 0.00 | 16.43 1.11 0.00 | 17.13 1.23 0.00 | 17.54 1.37 0.00 | 18.28 1.44 0.00 | 20.92 1.71 -0.03 | 23.42 1.87 0.00 | 26.25 1.98 0.00 | 25.57 1.66 0.00 | 31.27 1.86 0.00 | 31.46 1.79 0.00 | 28.90 1.67 0.00 | 26.50 1.38 0.00 | 20.36 1.14 0.86 |
| PLATSBURG_115KV_PMLD1 355749 | 25.76 0.19 0.00 | 24.93 0.19 0.00 | 21.29 0.28 0.00 | 18.90 0.23 0.00 | 16.98 0.15 0.00 | 13.51 0.11 0.00 | 16.78 0.25 0.00 | 16.21 0.24 0.00 | 15.27 0.20 0.00 | 14.04 0.11 0.00 | 14.29 0.18 0.00 | 15.52 0.19 0.00 | 16.04 0.14 0.00 | 16.27 0.10 0.00 | 16.88 0.04 0.00 | 19.25 0.06 0.00 | 21.64 0.08 0.00 | 24.47 0.19 0.00 | 24.15 0.24 0.00 | 29.82 0.41 0.00 | 30.03 0.37 0.00 | 27.51 0.28 0.00 | 25.80 0.68 0.00 | 20.22 0.13 0.00 |
| PLEASANTVLY__LBMP 24000 | 27.23 1.66 0.00 | 26.27 1.53 0.00 | 22.20 1.20 0.00 | 19.71 1.05 0.00 | 17.78 0.95 0.00 | 14.11 0.71 0.00 | 17.29 0.75 0.00 | 16.73 0.76 0.00 | 15.89 0.82 0.00 | 14.71 0.79 0.00 | 14.92 0.80 0.00 | 16.19 0.87 0.00 | 16.85 0.95 0.00 | 17.22 1.05 0.00 | 17.96 1.13 0.00 | 20.55 1.33 -0.03 | 23.04 1.49 0.00 | 25.89 1.61 0.00 | 25.30 1.40 0.00 | 30.97 1.56 0.00 | 31.19 1.53 0.00 | 28.65 1.42 0.00 | 26.24 1.13 0.00 | 21.05 0.96 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 27.52 1.96 0.00 | 26.53 1.78 0.00 | 22.38 1.38 0.00 | 19.87 1.21 0.00 | 17.91 1.09 0.00 | 14.23 0.83 0.00 | 17.43 0.89 0.00 | 16.88 0.91 0.00 | 16.06 0.99 0.00 | 14.88 0.95 0.00 | 15.08 0.96 0.00 | 16.36 1.04 0.00 | 17.04 1.14 0.00 | 17.44 1.27 0.00 | 18.21 1.37 0.00 | 20.83 1.63 -0.03 | 23.35 1.79 0.00 | 26.22 1.95 0.00 | 25.59 1.68 0.00 | 31.30 1.89 0.00 | 31.52 1.85 0.00 | 28.94 1.71 0.00 | 26.52 1.40 0.00 | 21.25 1.16 0.00 |

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|--|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 27.52 1.96 0.00 | 26.53 1.78 0.00 | 22.38 1.38 0.00 | 19.87 1.21 0.00 | 17.91 1.09 0.00 | 14.23 0.83 0.00 | 17.43 0.89 0.00 | 16.88 0.91 0.00 | 16.06 0.99 0.00 | 14.88 0.95 0.00 | 15.08 0.96 0.00 | 16.36 1.04 0.00 | 17.04 1.14 0.00 | 17.44 1.27 0.00 | 18.21 1.37 0.00 | 20.83 1.63 -0.03 | 23.35 1.79 0.00 | 26.22 1.95 0.00 | 25.59 1.68 0.00 | 31.30 1.89 0.00 | 31.52 1.85 0.00 | 28.94 1.71 0.00 | 26.52 1.40 0.00 | 21.25 1.16 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 27.47 1.90 0.00 | 26.48 1.74 0.00 | 22.37 1.37 0.00 | 19.86 1.19 0.00 | 17.90 1.07 0.00 | 14.21 0.81 0.00 | 17.42 0.88 0.00 | 16.85 0.89 0.00 | 16.00 0.93 0.00 | 14.81 0.89 0.00 | 15.04 0.92 0.00 | 16.32 1.00 0.00 | 16.99 1.09 0.00 | 17.36 1.19 0.00 | 18.11 1.28 0.00 | 20.70 1.52 0.00 | 23.27 1.72 0.00 | 26.19 1.91 0.00 | 25.63 1.72 0.00 | 31.34 1.93 0.00 | 31.57 1.90 0.00 | 28.95 1.72 0.00 | 26.52 1.40 0.00 | 21.23 1.14 0.00 |
| POLETTI____ 23519 | 27.64 2.07 0.00 | 26.62 1.87 0.00 | 22.46 1.45 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.26 0.86 0.00 | 17.46 0.93 0.00 | 16.92 0.95 0.00 | 16.14 1.07 0.00 | 14.96 1.03 0.00 | 15.16 1.05 0.00 | 16.45 1.13 0.00 | 17.15 1.24 0.00 | 17.55 1.38 0.00 | 18.32 1.49 0.00 | 20.95 1.75 -0.03 | 23.47 1.92 0.00 | 26.31 2.03 0.00 | 25.63 1.72 0.00 | 31.33 1.92 0.00 | 31.55 1.88 0.00 | 29.00 1.77 0.00 | 26.59 1.47 0.00 | 21.30 1.21 0.00 |
| POMONA____ESR 323819 | 27.39 1.83 0.00 | 26.41 1.67 0.00 | 22.30 1.30 0.00 | 19.80 1.13 0.00 | 17.84 1.01 0.00 | 14.16 0.76 0.00 | 17.36 0.83 0.00 | 16.82 0.85 0.00 | 16.03 0.97 0.00 | 14.85 0.92 0.00 | 15.06 0.95 0.00 | 16.35 1.03 0.00 | 17.04 1.13 0.00 | 17.44 1.27 0.00 | 18.21 1.37 0.00 | 20.83 1.62 -0.02 | 23.36 1.81 0.00 | 26.25 1.97 0.00 | 25.60 1.69 0.00 | 31.31 1.90 0.00 | 31.52 1.85 0.00 | 28.91 1.69 0.00 | 26.46 1.34 0.00 | 21.21 1.12 0.00 |
| PORT_JEFF_3 23555 | 117.49 2.83 -89.09 | 79.84 2.69 -52.40 | 31.35 1.91 -8.44 | 20.55 1.88 0.00 | 18.50 1.67 0.00 | 14.72 1.32 0.00 | 17.97 1.43 0.00 | 17.54 1.57 -0.01 | 16.73 1.65 -0.01 | 15.28 1.35 0.00 | 15.27 1.16 0.00 | 16.60 1.28 0.00 | 17.22 1.32 0.00 | 17.77 1.60 0.00 | 18.65 1.81 0.00 | 21.37 2.16 -0.03 | 23.77 2.22 0.00 | 26.88 2.61 0.00 | 26.19 2.28 0.00 | 32.01 2.60 0.00 | 34.36 2.71 -1.98 | 46.15 2.56 -16.36 | 27.26 2.15 0.00 | 21.80 1.72 0.00 |
| PORT_JEFF_4 23616 | 117.49 2.83 -89.09 | 79.84 2.69 -52.40 | 31.35 1.91 -8.44 | 20.55 1.88 0.00 | 18.50 1.67 0.00 | 14.72 1.32 0.00 | 17.97 1.43 0.00 | 17.54 1.57 -0.01 | 16.73 1.65 -0.01 | 15.28 1.35 0.00 | 15.27 1.16 0.00 | 16.60 1.28 0.00 | 17.22 1.32 0.00 | 17.77 1.60 0.00 | 18.65 1.81 0.00 | 21.37 2.16 -0.03 | 23.77 2.22 0.00 | 26.88 2.61 0.00 | 26.19 2.28 0.00 | 32.01 2.60 0.00 | 34.36 2.71 -1.98 | 46.15 2.56 -16.36 | 27.26 2.15 0.00 | 21.80 1.72 0.00 |
| PORT_JEFF_IC 23713 | 117.55 2.90 -89.09 | 79.89 2.74 -52.40 | 31.39 1.94 -8.44 | 20.58 1.91 0.00 | 18.52 1.69 0.00 | 14.74 1.34 0.00 | 17.99 1.45 0.00 | 17.57 1.60 -0.01 | 16.75 1.68 -0.01 | 15.31 1.38 0.00 | 15.29 1.18 0.00 | 16.63 1.31 0.00 | 17.26 1.35 0.00 | 17.81 1.64 0.00 | 18.68 1.85 0.00 | 21.42 2.21 -0.03 | 23.83 2.27 0.00 | 26.95 2.67 0.00 | 26.26 2.35 0.00 | 32.09 2.67 0.00 | 34.43 2.78 -1.98 | 46.21 2.62 -16.36 | 27.31 2.19 0.00 | 21.84 1.75 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 117.58 2.92 -89.09 | 79.90 2.75 -52.40 | 31.40 1.96 -8.44 | 20.56 1.89 0.00 | 18.50 1.67 0.00 | 14.72 1.32 0.00 | 17.97 1.43 0.00 | 17.51 1.55 0.00 | 16.69 1.62 0.00 | 15.30 1.37 0.00 | 15.33 1.21 0.00 | 16.66 1.34 0.00 | 17.31 1.41 0.00 | 17.85 1.68 0.00 | 18.72 1.88 0.00 | 21.44 2.24 -0.03 | 23.84 2.28 0.00 | 26.94 2.66 0.00 | 26.21 2.30 0.00 | 32.10 2.68 0.00 | 34.47 2.83 -1.98 | 46.20 2.61 -16.36 | 27.37 2.25 0.00 | 21.90 1.81 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 117.58 2.92 -89.09 | 79.90 2.75 -52.40 | 31.40 1.96 -8.44 | 20.56 1.89 0.00 | 18.50 1.67 0.00 | 14.72 1.32 0.00 | 17.97 1.43 0.00 | 17.51 1.55 0.00 | 16.69 1.62 0.00 | 15.30 1.37 0.00 | 15.33 1.21 0.00 | 16.66 1.34 0.00 | 17.31 1.41 0.00 | 17.85 1.68 0.00 | 18.72 1.88 0.00 | 21.44 2.24 -0.03 | 23.84 2.28 0.00 | 26.94 2.66 0.00 | 26.21 2.30 0.00 | 32.10 2.68 0.00 | 34.47 2.83 -1.98 | 46.20 2.61 -16.36 | 27.37 2.25 0.00 | 21.90 1.81 0.00 |
| PPL_SHRM_GT3 24213 | 117.26 2.60 -89.09 | 79.62 2.47 -52.40 | 31.25 1.81 -8.44 | 20.60 1.93 0.00 | 18.54 1.71 0.00 | 14.75 1.36 0.00 | 18.01 1.47 0.00 | 17.66 1.69 -0.01 | 16.85 1.77 -0.01 | 15.27 1.34 0.00 | 15.17 1.05 0.00 | 16.49 1.17 0.00 | 17.09 1.19 0.00 | 17.65 1.47 0.00 | 18.52 1.69 0.00 | 21.25 2.04 -0.03 | 23.66 2.11 0.00 | 26.79 2.52 0.00 | 26.13 2.22 0.00 | 31.92 2.51 0.00 | 34.24 2.60 -1.98 | 46.01 2.43 -16.36 | 27.11 1.99 0.00 | 21.67 1.58 0.00 |
| PPL_SHRM_GT4 24214 | 117.26 2.60 -89.09 | 79.62 2.47 -52.40 | 31.25 1.81 -8.44 | 20.60 1.93 0.00 | 18.54 1.71 0.00 | 14.75 1.36 0.00 | 18.01 1.47 0.00 | 17.66 1.69 -0.01 | 16.85 1.77 -0.01 | 15.27 1.34 0.00 | 15.17 1.05 0.00 | 16.49 1.17 0.00 | 17.09 1.19 0.00 | 17.65 1.47 0.00 | 18.52 1.69 0.00 | 21.25 2.04 -0.03 | 23.66 2.11 0.00 | 26.79 2.52 0.00 | 26.13 2.22 0.00 | 31.92 2.51 0.00 | 34.24 2.60 -1.98 | 46.01 2.43 -16.36 | 27.11 1.99 0.00 | 21.67 1.58 0.00 |
| PROJECT____ORANGE 1 24174 | 25.15 -0.41 0.00 | 24.35 -0.40 0.00 | 20.70 -0.30 0.00 | 18.40 -0.27 0.00 | 16.59 -0.24 0.00 | 13.24 -0.17 0.00 | 16.28 -0.26 0.00 | 15.75 -0.21 0.00 | 14.92 -0.15 0.00 | 13.81 -0.12 0.00 | 14.00 -0.11 0.00 | 15.19 -0.13 0.00 | 15.75 -0.16 0.00 | 16.00 -0.17 0.00 | 16.65 -0.18 0.00 | 18.99 -0.20 0.00 | 21.30 -0.25 0.00 | 24.02 -0.26 0.00 | 23.65 -0.25 0.00 | 29.10 -0.31 0.00 | 29.36 -0.30 0.00 | 26.90 -0.32 0.00 | 24.89 -0.23 0.00 | 20.00 -0.09 0.00 |
| PROJECT____ORANGE 2 24166 | 25.15 -0.41 0.00 | 24.35 -0.40 0.00 | 20.70 -0.30 0.00 | 18.40 -0.27 0.00 | 16.59 -0.24 0.00 | 13.24 -0.17 0.00 | 16.28 -0.26 0.00 | 15.75 -0.21 0.00 | 14.92 -0.15 0.00 | 13.81 -0.12 0.00 | 14.00 -0.11 0.00 | 15.19 -0.13 0.00 | 15.75 -0.16 0.00 | 16.00 -0.17 0.00 | 16.65 -0.18 0.00 | 18.99 -0.20 0.00 | 21.30 -0.25 0.00 | 24.02 -0.26 0.00 | 23.65 -0.25 0.00 | 29.10 -0.31 0.00 | 29.36 -0.30 0.00 | 26.90 -0.32 0.00 | 24.89 -0.23 0.00 | 20.00 -0.09 0.00 |
| PUCKETT____SOLAR 323809 | 26.05 0.49 0.00 | 25.19 0.45 0.00 | 21.36 0.35 0.00 | 18.97 0.31 0.00 | 17.09 0.27 0.00 | 13.63 0.22 0.00 | 16.77 0.24 0.00 | 16.25 0.29 0.00 | 15.39 0.32 0.00 | 14.18 0.25 0.00 | 14.36 0.24 0.00 | 15.57 0.24 0.00 | 16.15 0.24 0.00 | 16.43 0.26 0.00 | 17.11 0.27 0.00 | 19.57 0.39 0.00 | 21.93 0.38 0.00 | 24.81 0.53 0.00 | 24.42 0.51 0.00 | 30.11 0.70 0.00 | 30.42 0.75 0.00 | 27.83 0.60 0.00 | 25.73 0.61 0.00 | 20.62 0.53 0.00 |
| PYRITES____HYD 24023 | 26.06 0.50 0.00 | 25.20 0.45 0.00 | 21.45 0.45 0.00 | 19.05 0.38 0.00 | 17.10 0.27 0.00 | 13.65 0.25 0.00 | 16.98 0.44 0.00 | 16.31 0.34 0.00 | 15.35 0.28 0.00 | 14.14 0.21 0.00 | 14.30 0.19 0.00 | 15.61 0.29 0.00 | 16.19 0.28 0.00 | 16.40 0.22 0.00 | 17.01 0.17 0.00 | 19.39 0.21 0.00 | 21.80 0.25 0.00 | 24.55 0.27 0.00 | 24.22 0.31 0.00 | 29.94 0.53 0.00 | 30.32 0.65 0.00 | 27.84 0.61 0.00 | 25.74 0.62 0.00 | 20.34 0.25 0.00 |

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| QUAKERRD_115KV_BK1 80622 | 24.64 -0.92 0.00 | 23.85 -0.90 0.00 | 20.23 -0.78 0.00 | 17.97 -0.70 0.00 | 16.15 -0.68 0.00 | 12.87 -0.54 0.00 | 15.86 -0.68 0.00 | 15.37 -0.60 0.00 | 14.65 -0.42 0.00 | 13.54 -0.39 0.00 | 13.73 -0.39 0.00 | 14.91 -0.42 0.00 | 15.47 -0.44 0.00 | 15.67 -0.50 0.00 | 16.34 -0.49 0.00 | 18.63 -0.56 0.00 | 20.87 -0.69 0.00 | 23.53 -0.75 0.00 | 23.15 -0.76 0.00 | 28.52 -0.89 0.00 | 28.82 -0.84 0.00 | 26.47 -0.75 0.00 | 24.71 -0.41 0.00 | 19.90 -0.19 0.00 |
| QUENSBRY_115KV_TB8 356137 | 27.24 1.68 0.00 | 26.26 1.51 0.00 | 22.33 1.33 0.00 | 19.76 1.09 0.00 | 17.77 0.94 0.00 | 14.07 0.67 0.00 | 17.20 0.66 0.00 | 16.58 0.61 0.00 | 15.71 0.64 0.00 | 14.51 0.58 0.00 | 14.61 0.50 0.00 | 15.88 0.56 0.00 | 16.48 0.57 0.00 | 16.75 0.58 0.00 | 17.39 0.56 0.00 | 19.87 0.72 0.03 | 22.54 0.99 0.00 | 25.60 1.32 0.00 | 25.47 1.56 0.00 | 31.25 1.84 0.00 | 31.43 1.76 0.00 | 28.66 1.43 0.00 | 26.21 1.10 0.00 | 21.03 0.94 0.00 |
| RAMAPO___LBMP 323565 | 27.28 1.71 0.00 | 26.30 1.56 0.00 | 22.21 1.20 0.00 | 19.72 1.05 0.00 | 17.76 0.94 0.00 | 14.11 0.71 0.00 | 17.30 0.76 0.00 | 16.76 0.79 0.00 | 15.97 0.90 0.00 | 14.79 0.86 0.00 | 14.99 0.88 0.00 | 16.27 0.95 0.00 | 16.95 1.05 0.00 | 17.35 1.18 0.00 | 18.11 1.28 0.00 | 20.71 1.51 -0.02 | 23.23 1.67 0.00 | 26.10 1.83 0.00 | 25.45 1.54 0.00 | 31.13 1.72 0.00 | 31.34 1.67 0.00 | 28.75 1.53 0.00 | 26.33 1.21 0.00 | 21.10 1.01 0.00 |
| RANKINE____ 23646 | 25.18 -0.39 0.00 | 24.37 -0.38 0.00 | 20.63 -0.37 0.00 | 18.31 -0.35 0.00 | 16.40 -0.43 0.00 | 13.05 -0.35 0.00 | 16.11 -0.43 0.00 | 15.70 -0.27 0.00 | 15.11 0.04 0.00 | 13.94 0.01 0.00 | 14.15 0.04 0.00 | 15.35 0.02 0.00 | 15.92 0.02 0.00 | 16.09 -0.09 0.00 | 16.77 -0.06 0.00 | 19.14 -0.04 0.00 | 21.31 -0.25 0.00 | 23.89 -0.38 0.00 | 23.37 -0.54 0.00 | 28.85 -0.57 0.00 | 29.25 -0.41 0.00 | 26.89 -0.34 0.00 | 25.47 0.35 0.00 | 20.64 0.55 0.00 |
| RAVENSWOOD_GT2_1 24244 | 27.70 2.14 0.00 | 26.68 1.94 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.01 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.17 1.10 0.00 | 14.99 1.06 0.00 | 15.19 1.08 0.00 | 16.49 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.09 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.64 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| RAVENSWOOD_GT2_2 24245 | 27.70 2.14 0.00 | 26.68 1.94 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.01 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.17 1.10 0.00 | 14.99 1.06 0.00 | 15.19 1.08 0.00 | 16.49 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.09 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.64 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| RAVENSWOOD_GT2_3 24246 | 27.72 2.15 0.00 | 26.69 1.95 0.00 | 22.51 1.51 0.00 | 19.99 1.32 0.00 | 18.02 1.20 0.00 | 14.30 0.90 0.00 | 17.51 0.97 0.00 | 16.97 1.00 0.00 | 16.18 1.11 0.00 | 14.99 1.07 0.00 | 15.20 1.09 0.00 | 16.49 1.17 0.00 | 17.18 1.28 0.00 | 17.59 1.42 0.00 | 18.36 1.53 0.00 | 21.00 1.80 -0.03 | 23.53 1.97 0.00 | 26.38 2.10 0.00 | 25.70 1.79 0.00 | 31.43 2.01 0.00 | 31.66 1.99 0.00 | 29.09 1.86 0.00 | 26.66 1.55 0.00 | 21.35 1.27 0.00 |
| RAVENSWOOD_GT2_4 24247 | 27.72 2.15 0.00 | 26.69 1.95 0.00 | 22.51 1.51 0.00 | 19.99 1.32 0.00 | 18.02 1.20 0.00 | 14.30 0.90 0.00 | 17.51 0.97 0.00 | 16.97 1.00 0.00 | 16.18 1.11 0.00 | 14.99 1.07 0.00 | 15.20 1.09 0.00 | 16.49 1.17 0.00 | 17.18 1.28 0.00 | 17.59 1.42 0.00 | 18.36 1.53 0.00 | 21.00 1.80 -0.03 | 23.53 1.97 0.00 | 26.38 2.10 0.00 | 25.70 1.79 0.00 | 31.43 2.01 0.00 | 31.66 1.99 0.00 | 29.09 1.86 0.00 | 26.66 1.55 0.00 | 21.35 1.27 0.00 |
| RAVENSWOOD_GT3_1 24248 | 27.70 2.14 0.00 | 26.68 1.94 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.01 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.17 1.10 0.00 | 14.99 1.06 0.00 | 15.19 1.08 0.00 | 16.49 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.36 2.09 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.64 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| RAVENSWOOD_GT3_2 24249 | 27.70 2.14 0.00 | 26.68 1.94 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.01 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.17 1.10 0.00 | 14.99 1.06 0.00 | 15.19 1.08 0.00 | 16.49 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 20.99 1.79 -0.03 | 23.51 1.96 0.00 | 26.36 2.09 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.64 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| RAVENSWOOD_GT3_3 24250 | 27.75 2.19 0.00 | 26.73 1.98 0.00 | 22.54 1.54 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.32 0.91 0.00 | 17.53 0.99 0.00 | 16.99 1.02 0.00 | 16.20 1.13 0.00 | 15.01 1.09 0.00 | 15.22 1.11 0.00 | 16.51 1.19 0.00 | 17.21 1.30 0.00 | 17.61 1.44 0.00 | 18.39 1.55 0.00 | 21.03 1.82 -0.03 | 23.56 2.01 0.00 | 26.42 2.14 0.00 | 25.73 1.83 0.00 | 31.47 2.06 0.00 | 31.70 2.03 0.00 | 29.12 1.90 0.00 | 26.70 1.59 0.00 | 21.39 1.30 0.00 |
| RAVENSWOOD_GT3_4 24251 | 27.75 2.19 0.00 | 26.73 1.98 0.00 | 22.54 1.54 0.00 | 20.01 1.34 0.00 | 18.05 1.22 0.00 | 14.32 0.91 0.00 | 17.53 0.99 0.00 | 16.99 1.02 0.00 | 16.20 1.13 0.00 | 15.01 1.09 0.00 | 15.22 1.11 0.00 | 16.51 1.19 0.00 | 17.21 1.30 0.00 | 17.61 1.44 0.00 | 18.39 1.55 0.00 | 21.03 1.82 -0.03 | 23.56 2.01 0.00 | 26.42 2.14 0.00 | 25.73 1.83 0.00 | 31.47 2.06 0.00 | 31.70 2.03 0.00 | 29.12 1.90 0.00 | 26.70 1.59 0.00 | 21.39 1.30 0.00 |
| RAVENSWOOD_GT_1 23729 | 27.81 2.24 -0.01 | 26.76 2.02 0.00 | 22.57 1.57 0.00 | 20.04 1.37 0.00 | 18.07 1.25 0.00 | 14.33 0.93 0.00 | 17.54 1.00 0.00 | 17.01 1.04 0.00 | 16.21 1.15 0.00 | 15.03 1.10 0.00 | 15.24 1.12 0.00 | 16.52 1.20 0.00 | 17.21 1.31 0.00 | 17.62 1.45 0.00 | 18.41 1.58 0.00 | 21.06 1.85 -0.03 | 23.58 2.03 0.00 | 26.43 2.15 0.00 | 25.74 1.83 0.00 | 31.49 2.08 0.00 | 31.73 2.06 0.00 | 29.16 1.93 0.00 | 26.73 1.61 0.00 | 21.40 1.31 0.00 |
| RAVENSWOOD_GT_10 24258 | 27.69 2.13 0.00 | 26.68 1.93 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.01 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.17 1.10 0.00 | 14.99 1.06 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.09 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.63 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| RAVENSWOOD_GT_11 24259 | 27.69 2.13 0.00 | 26.68 1.93 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.01 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.17 1.10 0.00 | 14.98 1.05 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.09 0.00 | 25.68 1.78 0.00 | 31.41 2.00 0.00 | 31.64 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |

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| RAVENSWOOD_GT_4 24252 | 27.69 2.12 0.00 | 26.67 1.93 0.00 | 22.50 1.49 0.00 | 19.97 1.30 0.00 | 18.01 1.18 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.95 0.99 0.00 | 16.16 1.10 0.00 | 14.98 1.06 0.00 | 15.19 1.07 0.00 | 16.48 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.40 0.00 | 18.35 1.51 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.08 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.34 1.25 0.00 |
| RAVENSWOOD_GT_5 24254 | 27.69 2.12 0.00 | 26.67 1.93 0.00 | 22.50 1.49 0.00 | 19.97 1.30 0.00 | 18.01 1.18 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.95 0.99 0.00 | 16.16 1.10 0.00 | 14.98 1.06 0.00 | 15.19 1.07 0.00 | 16.48 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.40 0.00 | 18.35 1.51 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.08 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.34 1.25 0.00 |
| RAVENSWOOD_GT_6 24253 | 27.69 2.12 0.00 | 26.67 1.93 0.00 | 22.50 1.49 0.00 | 19.97 1.30 0.00 | 18.01 1.18 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.95 0.99 0.00 | 16.16 1.10 0.00 | 14.98 1.06 0.00 | 15.19 1.07 0.00 | 16.48 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.40 0.00 | 18.35 1.51 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.08 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.34 1.25 0.00 |
| RAVENSWOOD_GT_7 24255 | 27.69 2.12 0.00 | 26.67 1.93 0.00 | 22.50 1.49 0.00 | 19.97 1.30 0.00 | 18.01 1.18 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.95 0.99 0.00 | 16.16 1.10 0.00 | 14.98 1.06 0.00 | 15.19 1.07 0.00 | 16.48 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.40 0.00 | 18.35 1.51 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.08 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.63 1.96 0.00 | 29.06 1.83 0.00 | 26.65 1.53 0.00 | 21.34 1.25 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 27.69 2.13 0.00 | 26.68 1.93 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.01 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.17 1.10 0.00 | 14.99 1.06 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.09 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.63 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| RAVENSWOOD_GT_9 24257 | 27.69 2.13 0.00 | 26.68 1.93 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.01 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.17 1.10 0.00 | 14.99 1.06 0.00 | 15.19 1.08 0.00 | 16.48 1.16 0.00 | 17.18 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 20.99 1.78 -0.03 | 23.51 1.96 0.00 | 26.36 2.09 0.00 | 25.68 1.77 0.00 | 31.41 2.00 0.00 | 31.63 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| RAVENSWOOD___1 23533 | 27.78 2.22 0.00 | 26.72 1.98 0.00 | 22.54 1.54 0.00 | 20.01 1.34 0.00 | 18.04 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.01 0.00 | 16.19 1.12 0.00 | 15.00 1.08 0.00 | 15.21 1.10 0.00 | 16.50 1.18 0.00 | 17.19 1.29 0.00 | 17.60 1.43 0.00 | 18.38 1.55 0.00 | 21.03 1.82 -0.03 | 23.56 2.00 0.00 | 26.40 2.13 0.00 | 25.71 1.80 0.00 | 31.46 2.05 0.00 | 31.68 2.02 0.00 | 29.12 1.90 0.00 | 26.70 1.58 0.00 | 21.38 1.29 0.00 |
| RAVENSWOOD___2 23534 | 27.76 2.21 0.01 | 26.72 1.98 0.00 | 22.54 1.54 0.00 | 20.01 1.34 0.00 | 18.04 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.01 0.00 | 16.19 1.12 0.00 | 15.00 1.08 0.00 | 15.21 1.10 0.00 | 16.50 1.18 0.00 | 17.19 1.29 0.00 | 17.60 1.43 0.00 | 18.38 1.55 0.00 | 21.03 1.82 -0.03 | 23.56 2.00 0.00 | 26.40 2.13 0.00 | 25.71 1.80 0.00 | 31.46 2.05 0.00 | 31.68 2.02 0.00 | 29.12 1.90 0.00 | 26.70 1.58 0.00 | 21.38 1.29 0.00 |
| RAVENSWOOD___3 23535 | 27.70 2.14 0.00 | 26.68 1.94 0.00 | 22.50 1.50 0.00 | 19.98 1.31 0.00 | 18.02 1.19 0.00 | 14.29 0.89 0.00 | 17.50 0.96 0.00 | 16.96 0.99 0.00 | 16.17 1.10 0.00 | 14.98 1.06 0.00 | 15.19 1.08 0.00 | 16.49 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.36 1.52 0.00 | 20.99 1.79 -0.03 | 23.52 1.96 0.00 | 26.37 2.09 0.00 | 25.68 1.78 0.00 | 31.41 2.00 0.00 | 31.64 1.97 0.00 | 29.07 1.84 0.00 | 26.65 1.54 0.00 | 21.35 1.26 0.00 |
| RAVENSWOOD___4 23820 | 27.76 2.21 0.01 | 26.72 1.98 0.00 | 22.54 1.54 0.00 | 20.01 1.34 0.00 | 18.04 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.01 0.00 | 16.19 1.12 0.00 | 15.00 1.08 0.00 | 15.21 1.10 0.00 | 16.50 1.18 0.00 | 17.19 1.29 0.00 | 17.60 1.43 0.00 | 18.38 1.55 0.00 | 21.03 1.82 -0.03 | 23.56 2.00 0.00 | 26.40 2.13 0.00 | 25.71 1.80 0.00 | 31.46 2.05 0.00 | 31.68 2.02 0.00 | 29.12 1.90 0.00 | 26.70 1.58 0.00 | 21.38 1.29 0.00 |
| RCPL_TRUST___DRP 24196 | 27.67 2.10 0.00 | 26.65 1.90 0.00 | 22.48 1.47 0.00 | 19.95 1.28 0.00 | 17.99 1.16 0.00 | 14.28 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.97 0.00 | 16.16 1.09 0.00 | 14.98 1.05 0.00 | 15.18 1.07 0.00 | 16.48 1.16 0.00 | 17.17 1.26 0.00 | 17.57 1.40 0.00 | 18.35 1.52 0.00 | 21.00 1.79 -0.03 | 23.52 1.96 0.00 | 26.37 2.09 0.00 | 25.67 1.76 0.00 | 31.39 1.97 0.00 | 31.61 1.95 0.00 | 29.05 1.82 0.00 | 26.64 1.52 0.00 | 21.33 1.24 0.00 |
| RED___ROCHESTER 323720 | 25.38 -0.18 0.00 | 24.56 -0.19 0.00 | 20.81 -0.20 0.00 | 18.48 -0.19 0.00 | 16.59 -0.24 0.00 | 13.21 -0.19 0.00 | 16.29 -0.25 0.00 | 15.79 -0.18 0.00 | 15.09 0.03 0.00 | 13.96 0.04 0.00 | 14.13 0.02 0.00 | 15.37 0.05 0.00 | 15.96 0.05 0.00 | 16.16 -0.01 0.00 | 16.85 0.02 0.00 | 19.22 0.04 0.00 | 21.52 -0.03 0.00 | 24.28 0.00 0.00 | 23.87 -0.03 0.00 | 29.45 0.04 0.00 | 29.77 0.11 0.00 | 27.36 0.13 0.00 | 25.60 0.48 0.00 | 20.63 0.54 0.00 |
| REGAN___SOLAR 323812 | 28.43 2.87 0.00 | 27.40 2.66 0.00 | 23.19 2.19 0.00 | 20.61 1.94 0.00 | 18.52 1.69 0.00 | 14.74 1.33 0.00 | 18.17 1.63 0.00 | 17.35 1.38 0.00 | 16.07 1.00 0.00 | 14.79 0.86 0.00 | 14.96 0.84 0.00 | 16.19 0.87 0.00 | 16.82 0.92 0.00 | 17.17 1.00 0.00 | 17.74 0.91 0.00 | 20.52 1.36 0.02 | 22.80 1.25 0.00 | 26.03 1.76 0.00 | 26.22 2.31 0.00 | 32.85 3.44 0.00 | 33.29 3.63 0.00 | 30.51 3.28 0.00 | 28.02 2.90 0.00 | 22.37 2.28 0.00 |
| RENSSELAER___COGEN 23796 | 26.28 0.72 0.00 | 25.44 0.69 0.00 | 21.58 0.57 0.00 | 19.16 0.49 0.00 | 17.31 0.48 0.00 | 13.77 0.37 0.00 | 16.87 0.33 0.00 | 16.23 0.26 0.00 | 15.33 0.26 0.00 | 14.19 0.27 0.00 | 14.38 0.27 0.00 | 15.59 0.27 0.00 | 16.20 0.29 0.00 | 16.51 0.33 0.00 | 17.19 0.35 0.00 | 19.57 0.41 0.03 | 22.08 0.52 0.00 | 24.86 0.59 0.00 | 24.47 0.56 0.00 | 30.03 0.62 0.00 | 30.25 0.59 0.00 | 27.79 0.56 0.00 | 25.46 0.34 0.00 | 20.44 0.35 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 28.93 3.37 0.00 | 27.85 3.11 0.00 | 23.74 2.74 0.00 | 20.91 2.24 0.00 | 18.69 1.87 0.00 | 14.78 1.38 0.00 | 18.04 1.50 0.00 | 17.43 1.46 0.00 | 16.55 1.48 0.00 | 15.27 1.34 0.00 | 15.44 1.32 0.00 | 16.84 1.52 0.00 | 17.44 1.54 0.00 | 17.74 1.57 0.00 | 18.32 1.49 0.00 | 21.03 1.87 0.03 | 23.95 2.39 0.00 | 27.40 3.12 0.00 | 27.26 3.35 0.00 | 33.43 4.02 0.00 | 33.55 3.88 0.00 | 30.32 3.09 0.00 | 27.72 2.60 0.00 | 22.32 2.23 0.00 |

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| REVERE_CPDR_DRP 24186 | 26.29 0.73 0.00 | 25.39 0.65 0.00 | 21.54 0.54 0.00 | 19.14 0.48 0.00 | 17.24 0.41 0.00 | 13.76 0.36 0.00 | 16.95 0.41 0.00 | 16.38 0.41 0.00 | 15.44 0.36 0.00 | 14.24 0.31 0.00 | 14.42 0.30 0.00 | 15.64 0.32 0.00 | 16.29 0.38 0.00 | 16.54 0.37 0.00 | 17.23 0.40 0.00 | 19.65 0.47 0.00 | 22.07 0.52 0.00 | 24.92 0.65 0.00 | 24.63 0.72 0.00 | 30.46 1.05 0.00 | 30.75 1.08 0.00 | 28.13 0.90 0.00 | 25.89 0.78 0.00 | 20.66 0.58 0.00 |
| REYNOLDS_115KV_TB3 80639 | 26.46 0.90 0.00 | 25.62 0.87 0.00 | 21.73 0.73 0.00 | 19.30 0.63 0.00 | 17.43 0.60 0.00 | 13.86 0.45 0.00 | 16.98 0.44 0.00 | 16.33 0.36 0.00 | 15.42 0.35 0.00 | 14.29 0.36 0.00 | 14.46 0.35 0.00 | 15.67 0.35 0.00 | 16.28 0.38 0.00 | 16.59 0.41 0.00 | 17.27 0.43 0.00 | 19.65 0.50 0.03 | 22.19 0.64 0.00 | 24.99 0.71 0.00 | 24.61 0.70 0.00 | 30.18 0.77 0.00 | 30.41 0.74 0.00 | 27.95 0.72 0.00 | 25.60 0.49 0.00 | 20.57 0.48 0.00 |
| RIVERBAY____ 323610 | 28.11 2.55 0.00 | 27.01 2.26 0.00 | 22.75 1.75 0.00 | 20.17 1.50 0.00 | 18.18 1.36 0.00 | 14.37 0.97 0.00 | 17.59 1.05 0.00 | 17.04 1.08 0.00 | 16.23 1.17 0.00 | 15.04 1.12 0.00 | 15.24 1.13 0.00 | 16.52 1.20 0.00 | 17.23 1.33 0.00 | 17.64 1.47 0.00 | 18.40 1.56 0.00 | 21.06 1.85 -0.03 | 23.60 2.05 0.00 | 26.46 2.19 0.00 | 25.82 1.91 0.00 | 31.57 2.16 0.00 | 31.75 2.09 0.00 | 29.18 1.95 0.00 | 26.74 1.63 0.00 | 21.43 1.34 0.00 |
| RIVERSDE_115KV_TB3 55908 | 26.39 0.83 0.00 | 25.54 0.79 0.00 | 21.67 0.67 0.00 | 19.24 0.58 0.00 | 17.38 0.55 0.00 | 13.82 0.42 0.00 | 16.93 0.40 0.00 | 16.29 0.32 0.00 | 15.39 0.32 0.00 | 14.26 0.33 0.00 | 14.43 0.32 0.00 | 15.65 0.33 0.00 | 16.26 0.36 0.00 | 16.57 0.40 0.00 | 17.25 0.42 0.00 | 19.64 0.48 0.03 | 22.17 0.61 0.00 | 24.97 0.69 0.00 | 24.58 0.67 0.00 | 30.15 0.74 0.00 | 30.38 0.71 0.00 | 27.91 0.68 0.00 | 25.56 0.44 0.00 | 20.52 0.43 0.00 |
| ROARING__BROOK_WT_PWR 323790 | 25.44 -0.13 0.00 | 24.65 -0.10 0.00 | 20.91 -0.09 0.00 | 18.57 -0.09 0.00 | 16.74 -0.08 0.00 | 13.35 -0.05 0.00 | 16.51 -0.03 0.00 | 15.93 -0.04 0.00 | 15.03 -0.04 0.00 | 13.87 -0.05 0.00 | 14.06 -0.05 0.00 | 15.28 -0.04 0.00 | 15.86 -0.05 0.00 | 16.11 -0.07 0.00 | 16.77 -0.07 0.00 | 19.09 -0.10 0.00 | 21.47 -0.09 0.00 | 24.15 -0.12 0.00 | 23.76 -0.15 0.00 | 29.26 -0.16 0.00 | 29.49 -0.17 0.00 | 27.01 -0.22 0.00 | 24.90 -0.22 0.00 | 19.84 -0.25 0.00 |
| ROCHESRG_115KV_T4 355643 | 25.13 -0.44 0.00 | 24.33 -0.41 0.00 | 20.62 -0.38 0.00 | 18.32 -0.34 0.00 | 16.45 -0.38 0.00 | 13.10 -0.30 0.00 | 16.16 -0.38 0.00 | 15.66 -0.30 0.00 | 14.96 -0.10 0.00 | 13.82 -0.11 0.00 | 14.02 -0.09 0.00 | 15.22 -0.10 0.00 | 15.79 -0.12 0.00 | 15.99 -0.19 0.00 | 16.66 -0.17 0.00 | 18.99 -0.19 0.00 | 21.25 -0.30 0.00 | 23.94 -0.34 0.00 | 23.53 -0.38 0.00 | 29.02 -0.39 0.00 | 29.35 -0.31 0.00 | 26.99 -0.24 0.00 | 25.27 0.15 0.00 | 20.38 0.29 0.00 |
| ROCHESTER_9_IC 23652 | 25.26 -0.30 0.00 | 24.45 -0.29 0.00 | 20.73 -0.28 0.00 | 18.41 -0.26 0.00 | 16.53 -0.30 0.00 | 13.17 -0.24 0.00 | 16.23 -0.31 0.00 | 15.73 -0.23 0.00 | 15.03 -0.04 0.00 | 13.88 -0.04 0.00 | 14.09 -0.02 0.00 | 15.30 -0.03 0.00 | 15.88 -0.03 0.00 | 16.08 -0.09 0.00 | 16.77 -0.07 0.00 | 19.11 -0.07 0.00 | 21.40 -0.16 0.00 | 24.12 -0.16 0.00 | 23.71 -0.19 0.00 | 29.25 -0.16 0.00 | 29.58 -0.09 0.00 | 27.19 -0.04 0.00 | 25.45 0.33 0.00 | 20.51 0.42 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 27.67 2.11 0.00 | 26.67 1.92 0.00 | 22.48 1.48 0.00 | 19.96 1.29 0.00 | 18.00 1.17 0.00 | 14.28 0.88 0.00 | 17.49 0.95 0.00 | 16.94 0.97 0.00 | 16.14 1.08 0.00 | 14.96 1.03 0.00 | 15.16 1.04 0.00 | 16.45 1.13 0.00 | 17.14 1.24 0.00 | 17.54 1.37 0.00 | 18.32 1.49 0.00 | 20.97 1.76 -0.03 | 23.50 1.95 0.00 | 26.39 2.11 0.00 | 25.73 1.82 0.00 | 31.46 2.05 0.00 | 31.70 2.03 0.00 | 29.11 1.88 0.00 | 26.67 1.55 0.00 | 21.36 1.27 0.00 |
| ROME_____115KV_TB2 80656 | 26.29 0.73 0.00 | 25.39 0.65 0.00 | 21.54 0.54 0.00 | 19.14 0.48 0.00 | 17.24 0.41 0.00 | 13.76 0.36 0.00 | 16.95 0.41 0.00 | 16.38 0.41 0.00 | 15.44 0.36 0.00 | 14.24 0.31 0.00 | 14.42 0.30 0.00 | 15.64 0.32 0.00 | 16.29 0.38 0.00 | 16.54 0.37 0.00 | 17.23 0.40 0.00 | 19.65 0.47 0.00 | 22.07 0.52 0.00 | 24.92 0.65 0.00 | 24.63 0.72 0.00 | 30.46 1.05 0.00 | 30.75 1.08 0.00 | 28.13 0.90 0.00 | 25.89 0.78 0.00 | 20.66 0.58 0.00 |
| ROSETON____1 23587 | 27.20 1.64 0.00 | 26.25 1.51 0.00 | 22.18 1.18 0.00 | 19.70 1.04 0.00 | 17.76 0.94 0.00 | 14.10 0.70 0.00 | 17.29 0.75 0.00 | 16.72 0.76 0.00 | 15.89 0.82 0.00 | 14.71 0.78 0.00 | 14.92 0.80 0.00 | 16.19 0.87 0.00 | 16.85 0.95 0.00 | 17.23 1.06 0.00 | 17.97 1.14 0.00 | 20.55 1.34 -0.02 | 23.06 1.50 0.00 | 25.91 1.63 0.00 | 25.31 1.40 0.00 | 30.97 1.56 0.00 | 31.19 1.52 0.00 | 28.64 1.41 0.00 | 26.24 1.13 0.00 | 21.04 0.95 0.00 |
| ROSETON____2 23588 | 27.20 1.64 0.00 | 26.25 1.51 0.00 | 22.18 1.18 0.00 | 19.70 1.04 0.00 | 17.76 0.94 0.00 | 14.10 0.70 0.00 | 17.29 0.75 0.00 | 16.72 0.76 0.00 | 15.89 0.82 0.00 | 14.71 0.78 0.00 | 14.92 0.80 0.00 | 16.19 0.87 0.00 | 16.85 0.95 0.00 | 17.23 1.06 0.00 | 17.97 1.14 0.00 | 20.55 1.34 -0.02 | 23.06 1.50 0.00 | 25.91 1.63 0.00 | 25.31 1.40 0.00 | 30.97 1.56 0.00 | 31.19 1.52 0.00 | 28.64 1.41 0.00 | 26.24 1.13 0.00 | 21.04 0.95 0.00 |
| ROTTTRDAM_115KV_TB3 80664 | 26.73 1.17 0.00 | 25.86 1.11 0.00 | 21.93 0.93 0.00 | 19.48 0.81 0.00 | 17.57 0.74 0.00 | 13.96 0.56 0.00 | 17.14 0.60 0.00 | 16.51 0.55 0.00 | 15.59 0.52 0.00 | 14.42 0.49 0.00 | 14.60 0.49 0.00 | 15.84 0.52 0.00 | 16.46 0.56 0.00 | 16.77 0.60 0.00 | 17.47 0.63 0.00 | 19.90 0.74 0.02 | 22.44 0.88 0.00 | 25.30 1.02 0.00 | 24.93 1.02 0.00 | 30.62 1.21 0.00 | 30.85 1.19 0.00 | 28.31 1.08 0.00 | 25.98 0.86 0.00 | 20.83 0.74 0.00 |
| RUSSELL____1 23602 | 25.38 -0.18 0.00 | 24.56 -0.19 0.00 | 20.81 -0.20 0.00 | 18.48 -0.19 0.00 | 16.59 -0.24 0.00 | 13.21 -0.19 0.00 | 16.29 -0.25 0.00 | 15.79 -0.18 0.00 | 15.09 0.03 0.00 | 13.94 0.01 0.00 | 14.14 0.03 0.00 | 15.37 0.05 0.00 | 15.95 0.05 0.00 | 16.16 -0.01 0.00 | 16.85 0.02 0.00 | 19.22 0.04 0.00 | 21.52 -0.03 0.00 | 24.28 0.00 0.00 | 23.88 -0.03 0.00 | 29.45 0.04 0.00 | 29.77 0.11 0.00 | 27.36 0.13 0.00 | 25.60 0.48 0.00 | 20.63 0.54 0.00 |
| RUSSELL____2 23532 | 25.38 -0.18 0.00 | 24.56 -0.19 0.00 | 20.81 -0.20 0.00 | 18.48 -0.19 0.00 | 16.59 -0.24 0.00 | 13.21 -0.19 0.00 | 16.29 -0.25 0.00 | 15.79 -0.18 0.00 | 15.09 0.03 0.00 | 13.94 0.01 0.00 | 14.14 0.03 0.00 | 15.37 0.05 0.00 | 15.95 0.05 0.00 | 16.16 -0.01 0.00 | 16.85 0.02 0.00 | 19.22 0.04 0.00 | 21.52 -0.03 0.00 | 24.28 0.00 0.00 | 23.88 -0.03 0.00 | 29.45 0.04 0.00 | 29.77 0.11 0.00 | 27.36 0.13 0.00 | 25.60 0.48 0.00 | 20.63 0.54 0.00 |
| RUSSELL____3 23549 | 25.38 -0.18 0.00 | 24.56 -0.19 0.00 | 20.81 -0.20 0.00 | 18.48 -0.19 0.00 | 16.59 -0.24 0.00 | 13.21 -0.19 0.00 | 16.29 -0.25 0.00 | 15.79 -0.18 0.00 | 15.09 0.03 0.00 | 13.94 0.01 0.00 | 14.14 0.03 0.00 | 15.37 0.05 0.00 | 15.95 0.05 0.00 | 16.16 -0.01 0.00 | 16.85 0.02 0.00 | 19.22 0.04 0.00 | 21.52 -0.03 0.00 | 24.28 0.00 0.00 | 23.88 -0.03 0.00 | 29.45 0.04 0.00 | 29.77 0.11 0.00 | 27.36 0.13 0.00 | 25.60 0.48 0.00 | 20.63 0.54 0.00 |

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|--|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| RUSSELL___4 23556 | 25.38 -0.18 0.00 | 24.56 -0.19 0.00 | 20.81 -0.20 0.00 | 18.48 -0.19 0.00 | 16.59 -0.24 0.00 | 13.21 -0.19 0.00 | 16.29 -0.25 0.00 | 15.79 -0.18 0.00 | 15.09 0.03 0.00 | 13.94 0.01 0.00 | 14.14 0.03 0.00 | 15.37 0.05 0.00 | 15.95 0.05 0.00 | 16.16 -0.01 0.00 | 16.85 0.02 0.00 | 19.22 0.04 0.00 | 21.52 -0.03 0.00 | 24.28 0.00 0.00 | 23.88 -0.03 0.00 | 29.45 0.04 0.00 | 29.77 0.11 0.00 | 27.36 0.13 0.00 | 25.60 0.48 0.00 | 20.63 0.54 0.00 |
| RUSSELL___STATION 23914 | 25.38 -0.18 0.00 | 24.56 -0.19 0.00 | 20.81 -0.20 0.00 | 18.48 -0.19 0.00 | 16.59 -0.24 0.00 | 13.21 -0.19 0.00 | 16.29 -0.25 0.00 | 15.79 -0.18 0.00 | 15.09 0.03 0.00 | 13.94 0.01 0.00 | 14.14 0.03 0.00 | 15.37 0.05 0.00 | 15.95 0.05 0.00 | 16.16 -0.01 0.00 | 16.85 0.02 0.00 | 19.22 0.04 0.00 | 21.52 -0.03 0.00 | 24.28 0.00 0.00 | 23.88 -0.03 0.00 | 29.45 0.04 0.00 | 29.77 0.11 0.00 | 27.36 0.13 0.00 | 25.60 0.48 0.00 | 20.63 0.54 0.00 |
| S SALMON___HYD 24043 | 25.34 -0.23 0.00 | 24.50 -0.25 0.00 | 20.79 -0.21 0.00 | 18.48 -0.18 0.00 | 16.65 -0.17 0.00 | 13.32 -0.08 0.00 | 16.39 -0.15 0.00 | 15.83 -0.13 0.00 | 14.95 -0.12 0.00 | 13.79 -0.13 0.00 | 13.94 -0.18 0.00 | 15.14 -0.18 0.00 | 15.70 -0.20 0.00 | 15.93 -0.25 0.00 | 16.59 -0.24 0.00 | 18.81 -0.37 0.00 | 21.05 -0.50 0.00 | 23.78 -0.49 0.00 | 23.48 -0.43 0.00 | 29.01 -0.40 0.00 | 29.38 -0.29 0.00 | 26.92 -0.31 0.00 | 24.87 -0.25 0.00 | 19.89 -0.20 0.00 |
| S.PERRY___115KV_TB1 80734 | 26.09 0.52 0.00 | 25.18 0.44 0.00 | 21.32 0.32 0.00 | 18.86 0.19 0.00 | 16.87 0.04 0.00 | 13.45 0.04 0.00 | 16.59 0.05 0.00 | 16.08 0.11 0.00 | 15.26 0.19 0.00 | 14.08 0.16 0.00 | 14.27 0.15 0.00 | 15.48 0.16 0.00 | 16.08 0.18 0.00 | 16.31 0.14 0.00 | 17.00 0.16 0.00 | 19.41 0.23 0.00 | 21.73 0.17 0.00 | 24.50 0.22 0.00 | 24.38 0.47 0.00 | 30.10 0.69 0.00 | 30.64 0.98 0.00 | 28.15 0.92 0.00 | 26.32 1.20 0.00 | 21.15 1.06 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 24.96 -0.60 0.00 | 24.19 -0.56 0.00 | 20.48 -0.52 0.00 | 18.19 -0.47 0.00 | 16.29 -0.54 0.00 | 12.96 -0.44 0.00 | 16.00 -0.54 0.00 | 15.57 -0.40 0.00 | 14.99 -0.08 0.00 | 13.81 -0.11 0.00 | 14.03 -0.08 0.00 | 15.21 -0.11 0.00 | 15.78 -0.13 0.00 | 15.92 -0.25 0.00 | 16.59 -0.24 0.00 | 18.91 -0.27 0.00 | 21.06 -0.50 0.00 | 23.59 -0.69 0.00 | 23.09 -0.82 0.00 | 28.52 -0.89 0.00 | 28.95 -0.72 0.00 | 26.64 -0.58 0.00 | 25.29 0.16 0.00 | 20.53 0.43 0.00 |
| SAWYER___23_KV_LOAD 55526 | 24.96 -0.60 0.00 | 24.19 -0.56 0.00 | 20.48 -0.52 0.00 | 18.19 -0.47 0.00 | 16.29 -0.54 0.00 | 12.96 -0.44 0.00 | 16.00 -0.54 0.00 | 15.57 -0.40 0.00 | 14.99 -0.08 0.00 | 13.81 -0.11 0.00 | 14.03 -0.08 0.00 | 15.21 -0.11 0.00 | 15.78 -0.13 0.00 | 15.92 -0.25 0.00 | 16.59 -0.24 0.00 | 18.91 -0.27 0.00 | 21.06 -0.50 0.00 | 23.59 -0.69 0.00 | 23.09 -0.82 0.00 | 28.52 -0.89 0.00 | 28.95 -0.72 0.00 | 26.64 -0.58 0.00 | 25.29 0.16 0.00 | 20.53 0.43 0.00 |
| SELKIRK___I 23801 | 26.55 0.98 0.00 | 25.69 0.95 0.00 | 21.82 0.81 0.00 | 19.38 0.72 0.00 | 17.50 0.67 0.00 | 13.92 0.52 0.00 | 17.07 0.53 0.00 | 16.43 0.46 0.00 | 15.49 0.43 0.00 | 14.32 0.39 0.00 | 14.52 0.41 0.00 | 15.74 0.42 0.00 | 16.35 0.44 0.00 | 16.66 0.48 0.00 | 17.34 0.51 0.00 | 19.74 0.58 0.02 | 22.26 0.70 0.00 | 25.07 0.79 0.00 | 24.69 0.78 0.00 | 30.31 0.90 0.00 | 30.56 0.89 0.00 | 28.07 0.85 0.00 | 25.75 0.63 0.00 | 20.65 0.56 0.00 |
| SELKIRK___II 23799 | 26.40 0.84 0.00 | 25.56 0.82 0.00 | 21.68 0.68 0.00 | 19.27 0.60 0.00 | 17.39 0.57 0.00 | 13.83 0.43 0.00 | 16.96 0.42 0.00 | 16.33 0.36 0.00 | 15.42 0.35 0.00 | 14.26 0.34 0.00 | 14.46 0.35 0.00 | 15.68 0.36 0.00 | 16.29 0.39 0.00 | 16.60 0.43 0.00 | 17.29 0.46 0.00 | 19.69 0.53 0.02 | 22.19 0.64 0.00 | 24.99 0.71 0.00 | 24.58 0.68 0.00 | 30.17 0.76 0.00 | 30.41 0.74 0.00 | 27.92 0.69 0.00 | 25.61 0.49 0.00 | 20.55 0.45 0.00 |
| SENECA OSWGO___HYD 24041 | 25.03 -0.54 0.00 | 24.23 -0.51 0.00 | 20.57 -0.43 0.00 | 18.28 -0.39 0.00 | 16.49 -0.33 0.00 | 13.16 -0.24 0.00 | 16.19 -0.35 0.00 | 15.65 -0.31 0.00 | 14.82 -0.25 0.00 | 13.71 -0.21 0.00 | 13.88 -0.23 0.00 | 15.06 -0.26 0.00 | 15.62 -0.29 0.00 | 15.86 -0.31 0.00 | 16.51 -0.33 0.00 | 18.78 -0.40 0.00 | 21.07 -0.49 0.00 | 23.75 -0.53 0.00 | 23.41 -0.50 0.00 | 28.82 -0.59 0.00 | 29.09 -0.57 0.00 | 26.67 -0.56 0.00 | 24.67 -0.45 0.00 | 19.79 -0.30 0.00 |
| SENECA___115KV_TB3 355854 | 25.21 -0.36 0.00 | 24.40 -0.34 0.00 | 20.66 -0.35 0.00 | 18.34 -0.33 0.00 | 16.42 -0.41 0.00 | 13.07 -0.33 0.00 | 16.13 -0.41 0.00 | 15.72 -0.25 0.00 | 15.13 0.06 0.00 | 13.96 0.03 0.00 | 14.17 0.06 0.00 | 15.37 0.05 0.00 | 15.94 0.04 0.00 | 16.11 -0.06 0.00 | 16.80 -0.04 0.00 | 19.17 -0.01 0.00 | 21.35 -0.21 0.00 | 23.94 -0.34 0.00 | 23.41 -0.50 0.00 | 28.89 -0.52 0.00 | 29.30 -0.36 0.00 | 26.93 -0.30 0.00 | 25.51 0.39 0.00 | 20.68 0.59 0.00 |
| SENECA___ENERGY 23797 | 25.29 -0.28 0.00 | 24.43 -0.31 0.00 | 20.71 -0.30 0.00 | 18.39 -0.28 0.00 | 16.52 -0.31 0.00 | 13.18 -0.22 0.00 | 16.25 -0.29 0.00 | 15.76 -0.21 0.00 | 14.97 -0.10 0.00 | 13.81 -0.11 0.00 | 14.01 -0.10 0.00 | 15.20 -0.12 0.00 | 15.75 -0.15 0.00 | 16.01 -0.17 0.00 | 16.68 -0.15 0.00 | 19.08 -0.10 0.00 | 21.38 -0.17 0.00 | 24.15 -0.12 0.00 | 23.78 -0.12 0.00 | 29.27 -0.14 0.00 | 29.61 -0.06 0.00 | 27.14 -0.09 0.00 | 25.21 0.09 0.00 | 20.22 0.13 0.00 |
| SHOEMAKER___GT 23640 | 26.97 1.41 0.00 | 26.03 1.28 0.00 | 22.00 1.00 0.00 | 19.54 0.87 0.00 | 17.61 0.78 0.00 | 14.00 0.59 0.00 | 17.17 0.63 0.00 | 16.61 0.65 0.00 | 15.76 0.70 0.00 | 14.58 0.65 0.00 | 14.79 0.68 0.00 | 16.04 0.72 0.00 | 16.69 0.79 0.00 | 17.03 0.86 0.00 | 17.77 0.93 0.00 | 20.31 1.11 -0.02 | 22.81 1.25 0.00 | 25.68 1.40 0.00 | 25.17 1.26 0.00 | 30.86 1.45 0.00 | 31.08 1.42 0.00 | 28.52 1.29 0.00 | 26.16 1.04 0.00 | 20.95 0.86 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 26.97 1.40 0.00 | 26.02 1.27 0.00 | 22.00 0.99 0.00 | 19.54 0.87 0.00 | 17.60 0.78 0.00 | 13.99 0.59 0.00 | 17.17 0.63 0.00 | 16.60 0.64 0.00 | 15.77 0.70 0.00 | 14.59 0.67 0.00 | 14.79 0.68 0.00 | 16.05 0.73 0.00 | 16.71 0.80 0.00 | 17.05 0.88 0.00 | 17.79 0.95 0.00 | 20.33 1.13 -0.02 | 22.83 1.28 0.00 | 25.69 1.42 0.00 | 25.17 1.27 0.00 | 30.85 1.44 0.00 | 31.07 1.41 0.00 | 28.51 1.28 0.00 | 26.14 1.03 0.00 | 20.94 0.86 0.00 |
| SHOREHAM_IC_1 23715 | 117.26 2.60 -89.09 | 79.62 2.47 -52.40 | 31.25 1.81 -8.44 | 20.60 1.93 0.00 | 18.54 1.71 0.00 | 14.75 1.36 0.00 | 18.01 1.47 0.00 | 17.66 1.69 0.00 | 16.85 1.77 -0.01 | 15.27 1.34 0.00 | 15.17 1.05 0.00 | 16.49 1.17 0.00 | 17.09 1.19 0.00 | 17.65 1.47 0.00 | 18.52 1.69 0.00 | 21.25 2.04 -0.03 | 23.66 2.11 0.00 | 26.79 2.52 0.00 | 26.13 2.22 0.00 | 31.92 2.51 0.00 | 34.24 2.60 -1.98 | 46.01 2.43 -16.36 | 27.11 1.99 0.00 | 21.67 1.58 0.00 |
| SHOREHAM_IC_2 23716 | 117.26 2.60 -89.09 | 79.62 2.47 -52.40 | 31.25 1.81 -8.44 | 20.60 1.93 0.00 | 18.54 1.71 0.00 | 14.75 1.36 0.00 | 18.01 1.47 0.00 | 17.66 1.69 0.00 | 16.85 1.77 -0.01 | 15.27 1.34 0.00 | 15.17 1.05 0.00 | 16.49 1.17 0.00 | 17.09 1.19 0.00 | 17.65 1.47 0.00 | 18.52 1.69 0.00 | 21.25 2.04 -0.03 | 23.66 2.11 0.00 | 26.79 2.52 0.00 | 26.13 2.22 0.00 | 31.92 2.51 0.00 | 34.24 2.60 -1.98 | 46.01 2.43 -16.36 | 27.11 1.99 0.00 | 21.67 1.58 0.00 |

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| SISSONVILLE____ 23735 | 25.69 0.12 0.00 | 24.81 0.07 0.00 | 21.15 0.14 0.00 | 18.78 0.11 0.00 | 16.85 0.02 0.00 | 13.46 0.07 0.00 | 16.73 0.19 0.00 | 16.07 0.11 0.00 | 15.16 0.09 0.00 | 13.95 0.02 0.00 | 14.10 -0.01 0.00 | 15.40 0.07 0.00 | 15.96 0.05 0.00 | 16.15 -0.03 0.00 | 16.74 -0.10 0.00 | 19.09 -0.09 0.00 | 21.46 -0.09 0.00 | 24.17 -0.11 0.00 | 23.83 -0.08 0.00 | 29.44 0.03 0.00 | 29.77 0.11 0.00 | 27.33 0.10 0.00 | 25.30 0.18 0.00 | 19.99 -0.09 0.00 |
| SITHE_IND_GS1 24169 | 24.66 -0.90 0.00 | 23.88 -0.86 0.00 | 20.28 -0.72 0.00 | 18.03 -0.64 0.00 | 16.26 -0.57 0.00 | 12.98 -0.42 0.00 | 15.97 -0.57 0.00 | 15.44 -0.52 0.00 | 14.61 -0.46 0.00 | 13.53 -0.40 0.00 | 13.70 -0.41 0.00 | 14.88 -0.45 0.00 | 15.43 -0.48 0.00 | 15.67 -0.50 0.00 | 16.30 -0.53 0.00 | 18.55 -0.63 0.00 | 20.82 -0.73 0.00 | 23.47 -0.80 0.00 | 23.11 -0.80 0.00 | 28.45 -0.97 0.00 | 28.71 -0.96 0.00 | 26.34 -0.89 0.00 | 24.35 -0.76 0.00 | 19.53 -0.56 0.00 |
| SITHE_IND_GS2 24170 | 24.66 -0.90 0.00 | 23.88 -0.86 0.00 | 20.28 -0.72 0.00 | 18.03 -0.64 0.00 | 16.26 -0.57 0.00 | 12.98 -0.42 0.00 | 15.97 -0.57 0.00 | 15.44 -0.52 0.00 | 14.61 -0.46 0.00 | 13.53 -0.40 0.00 | 13.70 -0.41 0.00 | 14.88 -0.45 0.00 | 15.43 -0.48 0.00 | 15.67 -0.50 0.00 | 16.30 -0.53 0.00 | 18.55 -0.63 0.00 | 20.82 -0.73 0.00 | 23.47 -0.80 0.00 | 23.11 -0.80 0.00 | 28.45 -0.97 0.00 | 28.71 -0.96 0.00 | 26.34 -0.89 0.00 | 24.35 -0.76 0.00 | 19.53 -0.56 0.00 |
| SITHE_IND_GS3 24171 | 24.66 -0.90 0.00 | 23.88 -0.86 0.00 | 20.28 -0.72 0.00 | 18.03 -0.64 0.00 | 16.26 -0.57 0.00 | 12.98 -0.42 0.00 | 15.97 -0.57 0.00 | 15.44 -0.52 0.00 | 14.61 -0.46 0.00 | 13.53 -0.40 0.00 | 13.70 -0.41 0.00 | 14.88 -0.45 0.00 | 15.43 -0.48 0.00 | 15.67 -0.50 0.00 | 16.30 -0.53 0.00 | 18.55 -0.63 0.00 | 20.82 -0.73 0.00 | 23.47 -0.80 0.00 | 23.11 -0.80 0.00 | 28.45 -0.97 0.00 | 28.71 -0.96 0.00 | 26.34 -0.89 0.00 | 24.35 -0.76 0.00 | 19.53 -0.56 0.00 |
| SITHE_IND_GS4 24172 | 24.66 -0.90 0.00 | 23.88 -0.86 0.00 | 20.28 -0.72 0.00 | 18.03 -0.64 0.00 | 16.26 -0.57 0.00 | 12.98 -0.42 0.00 | 15.97 -0.57 0.00 | 15.44 -0.52 0.00 | 14.61 -0.46 0.00 | 13.53 -0.40 0.00 | 13.70 -0.41 0.00 | 14.88 -0.45 0.00 | 15.43 -0.48 0.00 | 15.67 -0.50 0.00 | 16.30 -0.53 0.00 | 18.55 -0.63 0.00 | 20.82 -0.73 0.00 | 23.47 -0.80 0.00 | 23.11 -0.80 0.00 | 28.45 -0.97 0.00 | 28.71 -0.96 0.00 | 26.34 -0.89 0.00 | 24.35 -0.76 0.00 | 19.53 -0.56 0.00 |
| SITHE____BATAVIA 24024 | 25.51 -0.05 0.00 | 24.69 -0.05 0.00 | 20.91 -0.09 0.00 | 18.57 -0.10 0.00 | 16.64 -0.18 0.00 | 13.25 -0.15 0.00 | 16.34 -0.20 0.00 | 15.87 -0.09 0.00 | 15.20 0.14 0.00 | 14.01 0.08 0.00 | 14.21 0.10 0.00 | 15.37 0.05 0.00 | 15.98 0.07 0.00 | 16.13 -0.04 0.00 | 16.82 -0.01 0.00 | 19.17 -0.01 0.00 | 21.47 -0.09 0.00 | 24.18 -0.10 0.00 | 23.85 -0.06 0.00 | 29.48 0.07 0.00 | 29.91 0.25 0.00 | 27.52 0.29 0.00 | 25.96 0.84 0.00 | 20.99 0.90 0.00 |
| SITHE____INDEPEND 23800 | 24.67 -0.90 0.00 | 23.88 -0.86 0.00 | 20.28 -0.73 0.00 | 18.03 -0.64 0.00 | 16.26 -0.57 0.00 | 12.98 -0.42 0.00 | 15.97 -0.57 0.00 | 15.44 -0.53 0.00 | 14.61 -0.46 0.00 | 13.52 -0.41 0.00 | 13.71 -0.41 0.00 | 14.88 -0.45 0.00 | 15.43 -0.48 0.00 | 15.67 -0.50 0.00 | 16.30 -0.53 0.00 | 18.55 -0.63 0.00 | 20.82 -0.73 0.00 | 23.47 -0.80 0.00 | 23.11 -0.79 0.00 | 28.45 -0.97 0.00 | 28.71 -0.96 0.00 | 26.34 -0.89 0.00 | 24.35 -0.76 0.00 | 19.53 -0.56 0.00 |
| SITHE____MASSENA 23902 | 25.64 0.08 0.00 | 24.84 0.10 0.00 | 21.12 0.11 0.00 | 18.76 0.10 0.00 | 16.88 0.05 0.00 | 13.44 0.04 0.00 | 16.70 0.16 0.00 | 16.10 0.13 0.00 | 15.15 0.08 0.00 | 13.95 0.02 0.00 | 14.15 0.04 0.00 | 15.40 0.08 0.00 | 15.96 0.06 0.00 | 16.19 0.02 0.00 | 16.83 -0.01 0.00 | 19.15 -0.04 0.00 | 21.53 -0.02 0.00 | 24.23 -0.05 0.00 | 23.87 -0.04 0.00 | 29.43 0.02 0.00 | 29.73 0.07 0.00 | 27.32 0.09 0.00 | 25.29 0.17 0.00 | 20.06 -0.03 0.00 |
| SITHE____OGDNSBRG 24021 | 26.00 0.44 0.00 | 25.16 0.42 0.00 | 21.40 0.40 0.00 | 19.01 0.34 0.00 | 17.08 0.26 0.00 | 13.62 0.22 0.00 | 16.94 0.40 0.00 | 16.28 0.31 0.00 | 15.31 0.24 0.00 | 14.10 0.17 0.00 | 14.29 0.17 0.00 | 15.57 0.25 0.00 | 16.15 0.24 0.00 | 16.37 0.20 0.00 | 16.98 0.15 0.00 | 19.36 0.17 0.00 | 21.77 0.22 0.00 | 24.50 0.22 0.00 | 24.17 0.26 0.00 | 29.86 0.45 0.00 | 30.25 0.58 0.00 | 27.79 0.56 0.00 | 25.70 0.58 0.00 | 20.32 0.23 0.00 |
| SITHE____STERLING 23777 | 26.08 0.51 0.00 | 25.20 0.45 0.00 | 21.38 0.38 0.00 | 19.00 0.34 0.00 | 17.12 0.30 0.00 | 13.65 0.25 0.00 | 16.82 0.28 0.00 | 16.25 0.29 0.00 | 15.33 0.26 0.00 | 14.16 0.24 0.00 | 14.34 0.23 0.00 | 15.57 0.25 0.00 | 16.20 0.29 0.00 | 16.46 0.29 0.00 | 17.14 0.31 0.00 | 19.56 0.38 0.00 | 21.97 0.42 0.00 | 24.78 0.51 0.00 | 24.45 0.54 0.00 | 30.20 0.79 0.00 | 30.49 0.82 0.00 | 27.91 0.69 0.00 | 25.72 0.60 0.00 | 20.55 0.46 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 25.76 0.20 0.00 | 24.91 0.17 0.00 | 21.11 0.11 0.00 | 18.75 0.08 0.00 | 16.84 0.01 0.00 | 13.43 0.03 0.00 | 16.58 0.04 0.00 | 16.03 0.06 0.00 | 15.27 0.20 0.00 | 14.08 0.15 0.00 | 14.32 0.20 0.00 | 15.56 0.24 0.00 | 16.09 0.19 0.00 | 16.35 0.18 0.00 | 17.05 0.22 0.00 | 19.51 0.33 0.00 | 21.91 0.36 0.00 | 24.83 0.56 0.00 | 24.42 0.51 0.00 | 30.03 0.62 0.00 | 30.28 0.62 0.00 | 27.79 0.56 0.00 | 25.71 0.59 0.00 | 20.61 0.52 0.00 |
| SOUTH CAIRO____GT 23612 | 27.20 1.63 0.00 | 26.28 1.53 0.00 | 22.31 1.31 0.00 | 19.79 1.13 0.00 | 17.86 1.03 0.00 | 14.21 0.80 0.00 | 17.42 0.89 0.00 | 16.75 0.79 0.00 | 15.75 0.68 0.00 | 14.50 0.58 0.00 | 14.70 0.58 0.00 | 15.89 0.57 0.00 | 16.48 0.58 0.00 | 16.79 0.62 0.00 | 17.49 0.66 0.01 | 19.98 0.81 0.00 | 22.58 1.03 0.00 | 25.59 1.32 0.00 | 25.34 1.43 0.00 | 31.30 1.88 0.00 | 31.62 1.96 0.00 | 29.01 1.78 0.00 | 26.52 1.40 0.00 | 21.19 1.11 0.00 |
| SOUTH HAMPTN____IC 23720 | 118.08 3.42 -89.09 | 80.31 3.17 -52.40 | 31.73 2.29 -8.44 | 20.97 2.30 0.00 | 18.86 2.03 0.00 | 15.00 1.60 0.00 | 18.30 1.76 0.00 | 17.94 1.97 -0.01 | 17.15 2.07 -0.01 | 15.60 1.68 0.00 | 15.55 1.43 0.00 | 16.92 1.60 0.00 | 17.54 1.64 0.00 | 18.11 1.94 0.00 | 19.02 2.18 0.00 | 21.83 2.62 -0.03 | 24.30 2.75 0.00 | 27.50 3.22 0.00 | 26.81 2.91 0.00 | 32.73 3.32 0.00 | 35.03 3.39 -1.98 | 46.70 3.11 -16.36 | 27.70 2.58 0.00 | 22.11 2.02 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 25.68 0.12 0.00 | 24.81 0.06 0.00 | 20.98 -0.02 0.00 | 18.59 -0.08 0.00 | 16.66 -0.16 0.00 | 13.27 -0.13 0.00 | 16.37 -0.17 0.00 | 16.01 0.05 0.00 | 15.45 0.39 0.00 | 14.30 0.37 0.00 | 14.52 0.40 0.00 | 15.70 0.38 0.00 | 16.31 0.41 0.00 | 16.52 0.34 0.00 | 17.23 0.40 0.00 | 19.72 0.54 0.00 | 21.93 0.38 0.00 | 24.61 0.34 0.00 | 23.95 0.05 0.00 | 29.47 0.06 0.00 | 29.84 0.17 0.00 | 27.24 0.01 0.00 | 25.73 0.61 0.00 | 20.84 0.74 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 118.85 4.19 -89.09 | 81.02 3.87 -52.40 | 32.28 2.84 -8.44 | 21.42 2.76 0.00 | 19.25 2.43 0.00 | 15.31 1.91 0.00 | 18.66 2.12 0.00 | 18.29 2.32 -0.01 | 17.52 2.44 -0.01 | 15.99 2.07 0.00 | 15.94 1.83 0.00 | 17.37 2.05 0.00 | 18.01 2.11 0.00 | 18.61 2.43 0.00 | 19.53 2.70 0.00 | 22.44 3.23 -0.03 | 24.97 3.42 0.00 | 28.24 3.97 0.00 | 27.54 3.63 0.00 | 33.61 4.20 0.00 | 35.93 4.28 -1.98 | 47.48 3.89 -16.36 | 28.36 3.24 0.00 | 22.60 2.51 0.00 |

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| SOUTHOLD___IC 23719 | 118.85 4.19 -89.09 | 81.02 3.87 -52.40 | 32.28 2.84 -8.44 | 21.42 2.76 0.00 | 19.26 2.43 0.00 | 15.31 1.91 0.00 | 18.66 2.12 0.00 | 18.29 2.32 -0.01 | 17.52 2.44 -0.01 | 15.99 2.07 0.00 | 15.94 1.83 0.00 | 17.37 2.05 0.00 | 18.01 2.10 0.00 | 18.61 2.43 0.00 | 19.53 2.70 0.00 | 22.44 3.24 -0.03 | 24.98 3.43 0.00 | 28.24 3.97 0.00 | 27.55 3.64 0.00 | 33.61 4.20 0.00 | 35.93 4.29 -1.98 | 47.48 3.89 -16.36 | 28.36 3.24 0.00 | 22.60 2.51 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 27.03 1.46 0.00 | 26.06 1.32 0.00 | 22.15 1.15 0.00 | 19.62 0.95 0.00 | 17.65 0.82 0.00 | 13.98 0.58 0.00 | 17.10 0.56 0.00 | 16.48 0.51 0.00 | 15.61 0.54 0.00 | 14.41 0.48 0.00 | 14.50 0.38 0.00 | 15.75 0.43 0.00 | 16.34 0.44 0.00 | 16.61 0.44 0.00 | 17.26 0.43 0.00 | 19.71 0.55 0.03 | 22.34 0.79 0.00 | 25.35 1.08 0.00 | 25.23 1.32 0.00 | 30.95 1.54 0.00 | 31.14 1.48 0.00 | 28.43 1.21 0.00 | 26.01 0.89 0.00 | 20.86 0.77 0.00 |
| ST LAWRENCE___ 23600 | 25.32 -0.25 0.00 | 24.53 -0.21 0.00 | 20.85 -0.15 0.00 | 18.53 -0.14 0.00 | 16.68 -0.14 0.00 | 13.27 -0.12 0.00 | 16.49 -0.04 0.00 | 15.91 -0.06 0.00 | 14.97 -0.10 0.00 | 13.79 -0.14 0.00 | 13.99 -0.13 0.00 | 15.21 -0.12 0.00 | 15.76 -0.14 0.00 | 15.99 -0.18 0.00 | 16.62 -0.21 0.00 | 18.92 -0.27 0.00 | 21.28 -0.28 0.00 | 23.94 -0.33 0.00 | 23.59 -0.32 0.00 | 29.07 -0.34 0.00 | 29.35 -0.31 0.00 | 26.97 -0.25 0.00 | 24.98 -0.13 0.00 | 19.82 -0.27 0.00 |
| STATE_CA_115KV_115_LB 55624 | 26.41 0.85 0.00 | 25.55 0.81 0.00 | 21.68 0.67 0.00 | 19.25 0.58 0.00 | 17.39 0.56 0.00 | 13.83 0.43 0.00 | 16.95 0.41 0.00 | 16.30 0.34 0.00 | 15.41 0.34 0.00 | 14.28 0.35 0.00 | 14.46 0.35 0.00 | 15.68 0.35 0.00 | 16.29 0.39 0.00 | 16.61 0.43 0.00 | 17.30 0.46 0.00 | 19.70 0.54 0.03 | 22.23 0.68 0.00 | 25.04 0.77 0.00 | 24.65 0.74 0.00 | 30.24 0.82 0.00 | 30.45 0.78 0.00 | 27.96 0.73 0.00 | 25.61 0.50 0.00 | 20.55 0.46 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 25.66 0.10 0.00 | 24.84 0.10 0.00 | 21.06 0.06 0.00 | 18.72 0.05 0.00 | 16.80 -0.03 0.00 | 13.43 0.03 0.00 | 16.55 0.01 0.00 | 16.02 0.05 0.00 | 15.20 0.13 0.00 | 13.99 0.06 0.00 | 14.22 0.11 0.00 | 15.45 0.13 0.00 | 15.95 0.04 0.00 | 16.21 0.03 0.00 | 16.89 0.05 0.00 | 19.34 0.15 0.00 | 21.70 0.14 0.00 | 24.54 0.26 0.00 | 24.08 0.17 0.00 | 29.63 0.22 0.00 | 29.97 0.31 0.00 | 27.51 0.28 0.00 | 25.44 0.32 0.00 | 20.38 0.29 0.00 |
| STATION 5_MISC_HYD 23604 | 25.27 -0.30 0.00 | 24.45 -0.29 0.00 | 20.72 -0.28 0.00 | 18.41 -0.26 0.00 | 16.53 -0.30 0.00 | 13.17 -0.24 0.00 | 16.23 -0.31 0.00 | 15.73 -0.23 0.00 | 15.03 -0.04 0.00 | 13.91 -0.02 0.00 | 14.08 -0.03 0.00 | 15.30 -0.03 0.00 | 15.88 -0.03 0.00 | 16.08 -0.09 0.00 | 16.76 -0.07 0.00 | 19.11 -0.07 0.00 | 21.39 -0.16 0.00 | 24.12 -0.16 0.00 | 23.71 -0.20 0.00 | 29.25 -0.16 0.00 | 29.58 -0.09 0.00 | 27.19 -0.04 0.00 | 25.45 0.33 0.00 | 20.51 0.42 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 25.41 -0.16 0.00 | 24.57 -0.17 0.00 | 20.83 -0.17 0.00 | 18.49 -0.17 0.00 | 16.62 -0.21 0.00 | 13.25 -0.15 0.00 | 16.34 -0.20 0.00 | 15.84 -0.13 0.00 | 15.09 0.03 0.00 | 13.94 0.01 0.00 | 14.14 0.02 0.00 | 15.35 0.03 0.00 | 15.92 0.02 0.00 | 16.16 -0.02 0.00 | 16.84 0.01 0.00 | 19.23 0.05 0.00 | 21.55 0.00 0.00 | 24.34 0.06 0.00 | 23.96 0.05 0.00 | 29.51 0.10 0.00 | 29.83 0.16 0.00 | 27.36 0.13 0.00 | 25.49 0.37 0.00 | 20.47 0.38 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 25.12 -0.44 0.00 | 24.32 -0.43 0.00 | 20.61 -0.40 0.00 | 18.31 -0.36 0.00 | 16.44 -0.39 0.00 | 13.10 -0.30 0.00 | 16.15 -0.39 0.00 | 15.65 -0.31 0.00 | 14.95 -0.12 0.00 | 13.81 -0.12 0.00 | 14.01 -0.11 0.00 | 15.22 -0.10 0.00 | 15.79 -0.11 0.00 | 16.00 -0.17 0.00 | 16.68 -0.15 0.00 | 19.02 -0.16 0.00 | 21.30 -0.25 0.00 | 24.02 -0.25 0.00 | 23.63 -0.28 0.00 | 29.13 -0.28 0.00 | 29.44 -0.22 0.00 | 27.05 -0.18 0.00 | 25.29 0.17 0.00 | 20.37 0.28 0.00 |
| STA_56___34_KV_BUS2 355983 | 25.12 -0.44 0.00 | 24.32 -0.43 0.00 | 20.61 -0.40 0.00 | 18.31 -0.36 0.00 | 16.44 -0.39 0.00 | 13.10 -0.30 0.00 | 16.15 -0.39 0.00 | 15.65 -0.31 0.00 | 14.95 -0.12 0.00 | 13.81 -0.12 0.00 | 14.01 -0.11 0.00 | 15.22 -0.10 0.00 | 15.79 -0.11 0.00 | 16.00 -0.17 0.00 | 16.68 -0.15 0.00 | 19.02 -0.16 0.00 | 21.30 -0.25 0.00 | 24.02 -0.25 0.00 | 23.63 -0.28 0.00 | 29.13 -0.28 0.00 | 29.44 -0.22 0.00 | 27.05 -0.18 0.00 | 25.29 0.17 0.00 | 20.37 0.28 0.00 |
| STA_67___115KV_BK2 355882 | 25.21 -0.36 0.00 | 24.40 -0.34 0.00 | 20.68 -0.32 0.00 | 18.38 -0.29 0.00 | 16.50 -0.33 0.00 | 13.14 -0.26 0.00 | 16.20 -0.34 0.00 | 15.71 -0.26 0.00 | 15.01 -0.06 0.00 | 13.86 -0.07 0.00 | 14.06 -0.05 0.00 | 15.27 -0.06 0.00 | 15.85 -0.06 0.00 | 16.04 -0.13 0.00 | 16.73 -0.11 0.00 | 19.07 -0.12 0.00 | 21.34 -0.22 0.00 | 24.05 -0.23 0.00 | 23.64 -0.26 0.00 | 29.16 -0.25 0.00 | 29.50 -0.17 0.00 | 27.11 -0.12 0.00 | 25.38 0.26 0.00 | 20.47 0.38 0.00 |
| STA_7___115KV_9TRANS 80674 | 25.38 -0.18 0.00 | 24.56 -0.19 0.00 | 20.81 -0.20 0.00 | 18.48 -0.19 0.00 | 16.59 -0.24 0.00 | 13.21 -0.19 0.00 | 16.29 -0.25 0.00 | 15.79 -0.18 0.00 | 15.09 0.03 0.00 | 13.94 0.01 0.00 | 14.14 0.03 0.00 | 15.37 0.05 0.00 | 15.95 0.05 0.00 | 16.16 -0.01 0.00 | 16.85 0.02 0.00 | 19.22 0.04 0.00 | 21.52 -0.03 0.00 | 24.28 0.00 0.00 | 23.88 -0.03 0.00 | 29.45 0.04 0.00 | 29.77 0.11 0.00 | 27.36 0.13 0.00 | 25.60 0.48 0.00 | 20.63 0.54 0.00 |
| STA_82___115KV_TB1 80780 | 25.23 -0.34 0.00 | 24.42 -0.33 0.00 | 20.69 -0.31 0.00 | 18.39 -0.28 0.00 | 16.51 -0.32 0.00 | 13.15 -0.26 0.00 | 16.21 -0.33 0.00 | 15.72 -0.25 0.00 | 15.02 -0.05 0.00 | 13.86 -0.06 0.00 | 14.07 -0.05 0.00 | 15.27 -0.05 0.00 | 15.85 -0.05 0.00 | 16.05 -0.12 0.00 | 16.73 -0.10 0.00 | 19.07 -0.11 0.00 | 21.35 -0.20 0.00 | 24.06 -0.22 0.00 | 23.66 -0.25 0.00 | 29.18 -0.23 0.00 | 29.52 -0.15 0.00 | 27.13 -0.10 0.00 | 25.40 0.28 0.00 | 20.48 0.39 0.00 |
| STEEL___WIND 323596 | 25.20 -0.36 0.00 | 24.39 -0.35 0.00 | 20.65 -0.35 0.00 | 18.33 -0.34 0.00 | 16.41 -0.41 0.00 | 13.06 -0.34 0.00 | 16.13 -0.41 0.00 | 15.71 -0.26 0.00 | 15.12 0.05 0.00 | 13.98 0.06 0.00 | 14.15 0.03 0.00 | 15.35 0.03 0.00 | 15.94 0.03 0.00 | 16.10 -0.08 0.00 | 16.77 -0.06 0.00 | 19.15 -0.03 0.00 | 21.31 -0.24 0.00 | 23.91 -0.37 0.00 | 23.38 -0.53 0.00 | 28.86 -0.55 0.00 | 29.26 -0.40 0.00 | 26.89 -0.34 0.00 | 25.47 0.35 0.00 | 20.65 0.57 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 26.55 0.98 0.00 | 25.68 0.93 0.00 | 21.75 0.75 0.00 | 19.30 0.64 0.00 | 17.43 0.61 0.00 | 13.85 0.45 0.00 | 17.00 0.46 0.00 | 16.38 0.41 0.00 | 15.47 0.40 0.00 | 14.36 0.44 0.00 | 14.50 0.39 0.00 | 15.75 0.43 0.00 | 16.34 0.44 0.00 | 16.68 0.51 0.00 | 17.37 0.53 0.00 | 19.80 0.64 0.03 | 22.35 0.80 0.00 | 25.20 0.92 0.00 | 24.76 0.85 0.00 | 30.38 0.97 0.00 | 30.61 0.94 0.00 | 28.05 0.82 0.00 | 25.71 0.60 0.00 | 20.62 0.53 0.00 |
| STEUBEN_REC_LFGE 323667 | 25.86 0.29 0.00 | 24.96 0.22 0.00 | 21.11 0.11 0.00 | 18.61 -0.05 0.00 | 16.49 -0.33 0.00 | 13.13 -0.27 0.00 | 16.24 -0.30 0.00 | 15.94 -0.03 0.00 | 15.35 0.28 0.00 | 14.13 0.21 0.00 | 14.23 0.12 0.00 | 15.44 0.11 0.00 | 16.07 0.17 0.00 | 16.31 0.14 0.00 | 16.97 0.13 0.00 | 19.44 0.26 0.00 | 21.77 0.22 0.00 | 24.59 0.31 0.00 | 24.17 0.27 0.00 | 29.83 0.42 0.00 | 30.28 0.61 0.00 | 27.72 0.50 0.00 | 25.95 0.83 0.00 | 20.82 0.73 0.00 |

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| STONY___BROOK 24151 | 117.62 2.96 -89.09 | 79.94 2.79 -52.40 | 31.43 1.98 -8.44 | 20.61 1.95 0.00 | 18.55 1.72 0.00 | 14.76 1.36 0.00 | 18.02 1.48 0.00 | 17.59 1.62 -0.01 | 16.77 1.70 -0.01 | 15.33 1.41 0.00 | 15.33 1.21 0.00 | 16.67 1.35 0.00 | 17.30 1.40 0.00 | 17.85 1.68 0.00 | 18.73 1.90 0.00 | 21.48 2.27 -0.03 | 23.89 2.34 0.00 | 27.02 2.75 0.00 | 26.33 2.42 0.00 | 32.18 2.76 0.00 | 34.51 2.87 -1.98 | 46.27 2.68 -16.36 | 27.36 2.25 0.00 | 21.88 1.79 0.00 |
| STURGEON_POOL_HYD 23609 | 27.49 1.92 0.00 | 26.48 1.74 0.00 | 22.36 1.36 0.00 | 19.86 1.19 0.00 | 17.89 1.06 0.00 | 14.20 0.79 0.00 | 17.40 0.86 0.00 | 16.85 0.88 0.00 | 16.03 0.96 0.00 | 14.81 0.88 0.00 | 15.06 0.95 0.00 | 16.37 1.04 0.00 | 17.05 1.15 0.00 | 17.44 1.27 0.00 | 18.21 1.37 0.00 | 20.83 1.64 -0.01 | 23.38 1.83 0.00 | 26.28 2.00 0.00 | 25.57 1.66 0.00 | 31.24 1.83 0.00 | 31.44 1.77 0.00 | 28.86 1.63 0.00 | 26.43 1.31 0.00 | 21.17 1.08 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 27.21 1.64 0.00 | 26.23 1.49 0.00 | 22.16 1.16 0.00 | 19.67 1.00 0.00 | 17.73 0.90 0.00 | 14.08 0.68 0.00 | 17.27 0.73 0.00 | 16.72 0.75 0.00 | 15.91 0.84 0.00 | 14.73 0.80 0.00 | 14.94 0.82 0.00 | 16.22 0.89 0.00 | 16.89 0.99 0.00 | 17.27 1.10 0.00 | 18.02 1.19 0.00 | 20.61 1.41 -0.02 | 23.13 1.57 0.00 | 26.00 1.72 0.00 | 25.38 1.47 0.00 | 31.05 1.63 0.00 | 31.26 1.59 0.00 | 28.68 1.45 0.00 | 26.26 1.15 0.00 | 21.05 0.96 0.00 |
| SWANROAD_115KV_TB1 355699 | 24.51 -1.06 0.00 | 23.76 -0.98 0.00 | 20.13 -0.87 0.00 | 17.89 -0.78 0.00 | 16.01 -0.81 0.00 | 12.74 -0.66 0.00 | 15.73 -0.81 0.00 | 15.29 -0.67 0.00 | 14.72 -0.35 0.00 | 13.54 -0.39 0.00 | 13.77 -0.35 0.00 | 14.91 -0.42 0.00 | 15.44 -0.46 0.00 | 15.55 -0.62 0.00 | 16.21 -0.63 0.00 | 18.47 -0.71 0.00 | 20.56 -0.99 0.00 | 23.02 -1.25 0.00 | 22.57 -1.34 0.00 | 27.87 -1.54 0.00 | 28.33 -1.33 0.00 | 26.13 -1.10 0.00 | 24.87 -0.25 0.00 | 20.23 0.14 0.00 |
| SYNERGY___BIOGAS 323694 | 25.51 -0.05 0.00 | 24.69 -0.05 0.00 | 20.91 -0.09 0.00 | 18.57 -0.10 0.00 | 16.64 -0.18 0.00 | 13.25 -0.15 0.00 | 16.34 -0.20 0.00 | 15.87 -0.09 0.00 | 15.20 0.14 0.00 | 14.01 0.08 0.00 | 14.21 0.10 0.00 | 15.37 0.05 0.00 | 15.98 0.07 0.00 | 16.13 -0.04 0.00 | 16.82 -0.01 0.00 | 19.17 -0.01 0.00 | 21.47 -0.09 0.00 | 24.18 -0.10 0.00 | 23.85 -0.06 0.00 | 29.48 0.07 0.00 | 29.91 0.25 0.00 | 27.52 0.29 0.00 | 25.96 0.84 0.00 | 20.99 0.90 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 25.32 -0.24 0.00 | 24.50 -0.24 0.00 | 20.80 -0.20 0.00 | 18.49 -0.18 0.00 | 16.66 -0.16 0.00 | 13.30 -0.10 0.00 | 16.37 -0.17 0.00 | 15.83 -0.14 0.00 | 14.99 -0.07 0.00 | 13.86 -0.06 0.00 | 14.06 -0.05 0.00 | 15.27 -0.05 0.00 | 15.82 -0.08 0.00 | 16.08 -0.09 0.00 | 16.74 -0.09 0.00 | 19.10 -0.08 0.00 | 21.44 -0.11 0.00 | 24.18 -0.09 0.00 | 23.81 -0.10 0.00 | 29.29 -0.12 0.00 | 29.56 -0.11 0.00 | 27.09 -0.14 0.00 | 25.05 -0.07 0.00 | 20.09 0.00 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 25.32 -0.24 0.00 | 24.50 -0.24 0.00 | 20.80 -0.20 0.00 | 18.49 -0.18 0.00 | 16.66 -0.16 0.00 | 13.30 -0.10 0.00 | 16.37 -0.17 0.00 | 15.83 -0.14 0.00 | 14.99 -0.07 0.00 | 13.86 -0.06 0.00 | 14.06 -0.05 0.00 | 15.27 -0.05 0.00 | 15.82 -0.08 0.00 | 16.08 -0.09 0.00 | 16.74 -0.09 0.00 | 19.10 -0.08 0.00 | 21.44 -0.11 0.00 | 24.18 -0.09 0.00 | 23.81 -0.10 0.00 | 29.29 -0.12 0.00 | 29.56 -0.11 0.00 | 27.09 -0.14 0.00 | 25.05 -0.07 0.00 | 20.09 0.00 0.00 |
| SYRACUSE___POWER 24017 | 25.29 -0.28 0.00 | 24.48 -0.27 0.00 | 20.80 -0.20 0.00 | 18.49 -0.18 0.00 | 16.66 -0.16 0.00 | 13.29 -0.11 0.00 | 16.36 -0.18 0.00 | 15.83 -0.14 0.00 | 14.98 -0.09 0.00 | 13.87 -0.06 0.00 | 14.06 -0.05 0.00 | 15.25 -0.07 0.00 | 15.81 -0.09 0.00 | 16.07 -0.10 0.00 | 16.73 -0.10 0.00 | 19.08 -0.10 0.00 | 21.42 -0.14 0.00 | 24.14 -0.13 0.00 | 23.79 -0.12 0.00 | 29.27 -0.14 0.00 | 29.54 -0.13 0.00 | 27.07 -0.16 0.00 | 25.02 -0.09 0.00 | 20.09 0.00 0.00 |
| TALLMAN__138KV_BK151 55660 | 27.37 1.81 0.00 | 26.39 1.64 0.00 | 22.27 1.27 0.00 | 19.78 1.11 0.00 | 17.82 0.99 0.00 | 14.15 0.75 0.00 | 17.34 0.81 0.00 | 16.80 0.84 0.00 | 16.03 0.96 0.00 | 14.84 0.92 0.00 | 15.05 0.94 0.00 | 16.34 1.02 0.00 | 17.03 1.13 0.00 | 17.43 1.26 0.00 | 18.20 1.37 0.00 | 20.81 1.61 -0.02 | 23.35 1.79 0.00 | 26.24 1.96 0.00 | 25.58 1.67 0.00 | 31.28 1.87 0.00 | 31.48 1.81 0.00 | 28.87 1.65 0.00 | 26.43 1.32 0.00 | 21.18 1.09 0.00 |
| TEALLAVE_115KV_TB7 355573 | 25.14 -0.43 0.00 | 24.34 -0.41 0.00 | 20.69 -0.31 0.00 | 18.39 -0.28 0.00 | 16.58 -0.25 0.00 | 13.23 -0.17 0.00 | 16.27 -0.26 0.00 | 15.74 -0.23 0.00 | 14.91 -0.16 0.00 | 13.80 -0.12 0.00 | 13.99 -0.12 0.00 | 15.19 -0.14 0.00 | 15.74 -0.17 0.00 | 15.98 -0.19 0.00 | 16.64 -0.19 0.00 | 18.97 -0.22 0.00 | 21.28 -0.27 0.00 | 23.99 -0.28 0.00 | 23.63 -0.28 0.00 | 29.08 -0.33 0.00 | 29.34 -0.33 0.00 | 26.89 -0.34 0.00 | 24.88 -0.24 0.00 | 19.98 -0.10 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 25.07 -0.50 0.00 | 24.29 -0.45 0.00 | 20.57 -0.43 0.00 | 18.27 -0.40 0.00 | 16.37 -0.46 0.00 | 13.02 -0.37 0.00 | 16.07 -0.46 0.00 | 15.63 -0.34 0.00 | 15.02 -0.04 0.00 | 13.83 -0.10 0.00 | 14.09 -0.02 0.00 | 15.23 -0.09 0.00 | 15.80 -0.10 0.00 | 15.93 -0.24 0.00 | 16.62 -0.22 0.00 | 18.93 -0.25 0.00 | 21.14 -0.42 0.00 | 23.72 -0.56 0.00 | 23.29 -0.62 0.00 | 28.75 -0.66 0.00 | 29.19 -0.47 0.00 | 26.89 -0.34 0.00 | 25.48 0.36 0.00 | 20.66 0.57 0.00 |
| TEMPLE___115KV_TB 2 55572 | 25.15 -0.41 0.00 | 24.35 -0.40 0.00 | 20.70 -0.30 0.00 | 18.40 -0.27 0.00 | 16.59 -0.24 0.00 | 13.24 -0.17 0.00 | 16.28 -0.26 0.00 | 15.75 -0.21 0.00 | 14.92 -0.15 0.00 | 13.81 -0.12 0.00 | 14.00 -0.11 0.00 | 15.19 -0.13 0.00 | 15.75 -0.16 0.00 | 16.00 -0.17 0.00 | 16.65 -0.18 0.00 | 18.99 -0.20 0.00 | 21.30 -0.25 0.00 | 24.02 -0.26 0.00 | 23.65 -0.25 0.00 | 29.10 -0.31 0.00 | 29.36 -0.30 0.00 | 26.90 -0.32 0.00 | 24.89 -0.23 0.00 | 20.00 -0.09 0.00 |
| TIANA____69_KV_BK 1 55817 | 117.92 3.26 -89.09 | 80.17 3.02 -52.40 | 31.62 2.17 -8.44 | 20.87 2.21 0.00 | 18.77 1.95 0.00 | 14.94 1.54 0.00 | 18.22 1.68 0.00 | 17.86 1.89 -0.01 | 17.06 1.98 -0.01 | 15.52 1.60 0.00 | 15.46 1.34 0.00 | 16.82 1.50 0.00 | 17.43 1.53 0.00 | 18.00 1.83 0.00 | 18.90 2.06 0.00 | 21.69 2.48 -0.03 | 24.15 2.59 0.00 | 27.34 3.06 0.00 | 26.65 2.74 0.00 | 32.54 3.13 0.00 | 34.84 3.20 -1.98 | 46.53 2.94 -16.36 | 27.56 2.44 0.00 | 22.01 1.92 0.00 |
| TILDEN___115KV_TB1 80814 | 25.29 -0.28 0.00 | 24.48 -0.27 0.00 | 20.80 -0.20 0.00 | 18.49 -0.18 0.00 | 16.66 -0.16 0.00 | 13.29 -0.11 0.00 | 16.36 -0.18 0.00 | 15.83 -0.14 0.00 | 14.98 -0.09 0.00 | 13.87 -0.06 0.00 | 14.06 -0.05 0.00 | 15.25 -0.07 0.00 | 15.81 -0.09 0.00 | 16.07 -0.10 0.00 | 16.73 -0.10 0.00 | 19.08 -0.10 0.00 | 21.42 -0.14 0.00 | 24.14 -0.13 0.00 | 23.79 -0.12 0.00 | 29.27 -0.14 0.00 | 29.54 -0.13 0.00 | 27.07 -0.16 0.00 | 25.02 -0.09 0.00 | 20.09 0.00 0.00 |
| TRIGEN___CC 323695 | 117.07 2.41 -89.09 | 79.39 2.24 -52.40 | 31.04 1.60 -8.44 | 20.18 1.51 0.00 | 18.17 1.34 0.00 | 14.44 1.04 0.00 | 17.67 1.13 0.00 | 17.15 1.19 0.00 | 16.34 1.28 0.00 | 15.05 1.13 0.00 | 15.17 1.06 0.00 | 16.49 1.17 0.00 | 17.16 1.25 0.00 | 17.63 1.46 0.00 | 18.46 1.62 0.00 | 21.11 1.91 -0.03 | 23.54 1.99 0.00 | 26.54 2.27 0.00 | 25.84 1.93 0.00 | 31.62 2.21 0.00 | 33.90 2.26 -1.98 | 45.76 2.17 -16.36 | 26.93 1.81 0.00 | 21.55 1.46 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TRINITY__115KV__4 BK 55933 | 26.31 0.75 0.00 | 25.47 0.72 0.00 | 21.61 0.60 0.00 | 19.19 0.52 0.00 | 17.33 0.51 0.00 | 13.78 0.38 0.00 | 16.89 0.35 0.00 | 16.25 0.28 0.00 | 15.35 0.28 0.00 | 14.22 0.30 0.00 | 14.40 0.28 0.00 | 15.61 0.29 0.00 | 16.22 0.32 0.00 | 16.53 0.35 0.00 | 17.21 0.38 0.00 | 19.60 0.44 0.03 | 22.11 0.55 0.00 | 24.90 0.63 0.00 | 24.51 0.60 0.00 | 30.07 0.66 0.00 | 30.29 0.63 0.00 | 27.83 0.60 0.00 | 25.49 0.38 0.00 | 20.47 0.38 0.00 |
| UNION__PROCESSING_DRP 323587 | 25.23 -0.33 0.00 | 24.43 -0.31 0.00 | 20.70 -0.30 0.00 | 18.39 -0.27 0.00 | 16.51 -0.31 0.00 | 13.15 -0.25 0.00 | 16.21 -0.32 0.00 | 15.72 -0.25 0.00 | 15.02 -0.05 0.00 | 13.87 -0.06 0.00 | 14.07 -0.04 0.00 | 15.28 -0.04 0.00 | 15.85 -0.05 0.00 | 16.06 -0.12 0.00 | 16.74 -0.10 0.00 | 19.08 -0.11 0.00 | 21.35 -0.20 0.00 | 24.07 -0.21 0.00 | 23.67 -0.24 0.00 | 29.19 -0.22 0.00 | 29.53 -0.13 0.00 | 27.14 -0.09 0.00 | 25.41 0.29 0.00 | 20.49 0.40 0.00 |
| UPPER HUDSON__HYD 24058 | 27.03 1.46 0.00 | 26.06 1.32 0.00 | 22.15 1.15 0.00 | 19.62 0.95 0.00 | 17.65 0.82 0.00 | 13.99 0.58 0.00 | 17.10 0.56 0.00 | 16.48 0.51 0.00 | 15.61 0.54 0.00 | 14.40 0.48 0.00 | 14.50 0.39 0.00 | 15.75 0.43 0.00 | 16.34 0.43 0.00 | 16.62 0.44 0.00 | 17.26 0.43 0.00 | 19.71 0.55 0.03 | 22.34 0.79 0.00 | 25.35 1.08 0.00 | 25.23 1.32 0.00 | 30.95 1.54 0.00 | 31.14 1.48 0.00 | 28.43 1.21 0.00 | 26.01 0.89 0.00 | 20.85 0.76 0.00 |
| UPPER RAQUET__HYD 24056 | 25.69 0.12 0.00 | 24.81 0.07 0.00 | 21.15 0.14 0.00 | 18.78 0.12 0.00 | 16.85 0.02 0.00 | 13.46 0.07 0.00 | 16.73 0.19 0.00 | 16.07 0.11 0.00 | 15.16 0.09 0.00 | 13.95 0.02 0.00 | 14.10 -0.01 0.00 | 15.40 0.07 0.00 | 15.96 0.05 0.00 | 16.15 -0.03 0.00 | 16.74 -0.10 0.00 | 19.09 -0.09 0.00 | 21.46 -0.09 0.00 | 24.17 -0.11 0.00 | 23.83 -0.08 0.00 | 29.44 0.03 0.00 | 29.77 0.11 0.00 | 27.34 0.11 0.00 | 25.30 0.18 0.00 | 19.99 -0.09 0.00 |
| VALLEY44_115KV_TB2 355964 | 25.38 -0.18 0.00 | 24.56 -0.18 0.00 | 20.77 -0.23 0.00 | 18.43 -0.23 0.00 | 16.54 -0.29 0.00 | 13.19 -0.21 0.00 | 16.28 -0.26 0.00 | 15.90 -0.07 0.00 | 15.31 0.24 0.00 | 14.17 0.24 0.00 | 14.37 0.26 0.00 | 15.47 0.15 0.00 | 16.06 0.16 0.00 | 16.29 0.12 0.00 | 16.96 0.12 0.00 | 19.40 0.22 0.00 | 21.58 0.03 0.00 | 24.26 -0.02 0.00 | 23.60 -0.31 0.00 | 28.96 -0.45 0.00 | 29.30 -0.36 0.00 | 26.89 -0.34 0.00 | 25.32 0.20 0.00 | 20.47 0.38 0.00 |
| VALLEY__115KV_TB 1-4 80826 | 25.82 0.26 0.00 | 24.91 0.16 0.00 | 21.12 0.12 0.00 | 18.78 0.11 0.00 | 16.98 0.15 0.00 | 13.52 0.12 0.00 | 16.57 0.03 0.00 | 15.94 -0.03 0.00 | 15.00 -0.07 0.00 | 13.87 -0.06 0.00 | 13.99 -0.13 0.00 | 15.24 -0.08 0.00 | 15.86 -0.04 0.00 | 16.18 0.01 0.00 | 16.84 0.00 0.00 | 19.26 0.08 0.00 | 21.65 0.10 0.00 | 24.47 0.19 0.00 | 24.12 0.21 0.00 | 29.68 0.27 0.00 | 29.89 0.22 0.00 | 27.38 0.15 0.00 | 25.08 -0.04 0.00 | 20.11 0.02 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 26.48 0.92 0.00 | 25.65 0.90 0.00 | 21.75 0.75 0.00 | 19.34 0.67 0.00 | 17.42 0.59 0.00 | 13.87 0.46 0.00 | 17.07 0.53 0.00 | 16.49 0.53 0.00 | 15.62 0.55 0.00 | 14.45 0.53 0.00 | 14.66 0.54 0.00 | 15.90 0.58 0.00 | 16.51 0.61 0.00 | 16.81 0.64 0.00 | 17.51 0.68 0.00 | 19.98 0.80 0.00 | 22.42 0.87 0.00 | 25.23 0.96 0.00 | 24.86 0.96 0.00 | 30.58 1.17 0.00 | 30.82 1.16 0.00 | 28.26 1.03 0.00 | 26.01 0.90 0.00 | 20.81 0.72 0.00 |
| VISCHER__FERRY HYD 24020 | 26.72 1.16 0.00 | 25.84 1.10 0.00 | 21.96 0.96 0.00 | 19.48 0.81 0.00 | 17.58 0.75 0.00 | 13.97 0.56 0.00 | 17.11 0.58 0.00 | 16.47 0.50 0.00 | 15.55 0.48 0.00 | 14.38 0.46 0.00 | 14.55 0.44 0.00 | 15.79 0.46 0.00 | 16.39 0.49 0.00 | 16.70 0.52 0.00 | 17.37 0.54 0.00 | 19.78 0.63 0.04 | 22.36 0.81 0.00 | 25.21 0.94 0.00 | 24.88 0.98 0.00 | 30.55 1.13 0.00 | 30.78 1.11 0.00 | 28.26 1.03 0.00 | 25.88 0.77 0.00 | 20.80 0.71 0.00 |
| V_A_10_SYNC_DSASP 323832 | 24.83 -0.74 0.00 | 24.06 -0.68 0.00 | 20.39 -0.61 0.00 | 18.12 -0.54 0.00 | 16.24 -0.59 0.00 | 12.93 -0.47 0.00 | 15.96 -0.58 0.00 | 15.50 -0.47 0.00 | 14.88 -0.19 0.00 | 13.73 -0.20 0.00 | 13.93 -0.18 0.00 | 15.10 -0.23 0.00 | 15.66 -0.25 0.00 | 15.81 -0.36 0.00 | 16.47 -0.36 0.00 | 18.76 -0.42 0.00 | 20.93 -0.63 0.00 | 23.48 -0.79 0.00 | 23.02 -0.89 0.00 | 28.40 -1.01 0.00 | 28.81 -0.86 0.00 | 26.51 -0.72 0.00 | 25.04 -0.08 0.00 | 20.29 0.20 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 25.42 -0.14 0.00 | 24.64 -0.10 0.00 | 20.94 -0.06 0.00 | 18.61 -0.06 0.00 | 16.75 -0.08 0.00 | 13.33 -0.07 0.00 | 16.57 0.03 0.00 | 15.97 0.01 0.00 | 15.03 -0.03 0.00 | 13.85 -0.07 0.00 | 14.05 -0.06 0.00 | 15.28 -0.04 0.00 | 15.84 -0.06 0.00 | 16.07 -0.11 0.00 | 16.70 -0.13 0.00 | 19.01 -0.18 0.00 | 21.38 -0.18 0.00 | 24.05 -0.22 0.00 | 23.69 -0.22 0.00 | 29.20 -0.21 0.00 | 29.49 -0.17 0.00 | 27.10 -0.13 0.00 | 25.09 -0.03 0.00 | 19.91 -0.18 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 25.76 0.19 0.00 | 24.93 0.19 0.00 | 21.29 0.28 0.00 | 18.90 0.23 0.00 | 16.98 0.15 0.00 | 13.51 0.11 0.00 | 16.78 0.25 0.00 | 16.21 0.24 0.00 | 15.27 0.20 0.00 | 14.04 0.11 0.00 | 14.29 0.18 0.00 | 15.52 0.19 0.00 | 16.04 0.14 0.00 | 16.27 0.10 0.00 | 16.88 0.04 0.00 | 19.25 0.07 0.00 | 21.64 0.08 0.00 | 24.47 0.19 0.00 | 24.15 0.24 0.00 | 29.82 0.41 0.00 | 30.03 0.37 0.00 | 27.51 0.28 0.00 | 25.80 0.69 0.00 | 20.22 0.13 0.00 |
| V_E_10_SYNC_DSASP 323830 | 27.22 1.65 0.00 | 26.30 1.56 0.00 | 22.32 1.32 0.00 | 19.85 1.18 0.00 | 17.88 1.05 0.00 | 14.26 0.86 0.00 | 17.58 1.04 0.00 | 17.06 1.09 0.00 | 16.06 0.99 0.00 | 14.73 0.80 0.00 | 14.86 0.74 0.00 | 16.14 0.81 0.00 | 16.76 0.86 0.00 | 17.07 0.89 0.00 | 17.78 0.94 0.00 | 20.42 1.24 0.00 | 22.88 1.33 0.00 | 25.94 1.66 0.00 | 25.76 1.85 0.00 | 31.84 2.43 0.00 | 32.16 2.49 0.00 | 29.38 2.15 0.00 | 27.06 1.94 0.00 | 21.58 1.49 0.00 |
| V_F_30_NSYNC__DSASP 323816 | 27.09 1.53 0.00 | 26.17 1.43 0.00 | 22.22 1.22 0.00 | 19.71 1.04 0.00 | 17.77 0.94 0.00 | 14.10 0.70 0.00 | 17.28 0.75 0.00 | 16.65 0.69 0.00 | 15.73 0.66 0.00 | 14.54 0.61 0.00 | 14.70 0.59 0.00 | 15.96 0.64 0.00 | 16.56 0.66 0.00 | 16.87 0.69 0.00 | 17.56 0.72 0.00 | 20.02 0.86 0.03 | 22.64 1.08 0.00 | 25.59 1.31 0.00 | 25.29 1.39 0.00 | 31.06 1.65 0.00 | 31.28 1.61 0.00 | 28.65 1.42 0.00 | 26.25 1.13 0.00 | 21.05 0.96 0.00 |
| V_F_30_SYNC_DSASP 323786 | 26.41 0.85 0.00 | 25.55 0.81 0.00 | 21.68 0.67 0.00 | 19.25 0.58 0.00 | 17.39 0.56 0.00 | 13.83 0.43 0.00 | 16.94 0.40 0.00 | 16.30 0.34 0.00 | 15.41 0.34 0.00 | 14.28 0.35 0.00 | 14.46 0.34 0.00 | 15.68 0.35 0.00 | 16.29 0.39 0.00 | 16.61 0.43 0.00 | 17.29 0.46 0.00 | 19.70 0.54 0.03 | 22.23 0.68 0.00 | 25.04 0.77 0.00 | 24.65 0.74 0.00 | 30.24 0.82 0.00 | 30.45 0.78 0.00 | 27.96 0.73 0.00 | 25.61 0.49 0.00 | 20.55 0.46 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 25.76 0.19 0.00 | 24.93 0.19 0.00 | 21.29 0.28 0.00 | 18.90 0.23 0.00 | 16.98 0.15 0.00 | 13.51 0.11 0.00 | 16.78 0.25 0.00 | 16.21 0.24 0.00 | 15.27 0.20 0.00 | 14.04 0.11 0.00 | 14.29 0.18 0.00 | 15.52 0.19 0.00 | 16.04 0.14 0.00 | 16.27 0.10 0.00 | 16.88 0.04 0.00 | 19.25 0.07 0.00 | 21.64 0.08 0.00 | 24.47 0.19 0.00 | 24.15 0.24 0.00 | 29.82 0.41 0.00 | 30.03 0.37 0.00 | 27.51 0.28 0.00 | 25.80 0.69 0.00 | 20.22 0.13 0.00 |

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| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 27.48 1.91 0.00 | 26.49 1.74 0.00 | 22.36 1.36 0.00 | 19.85 1.18 0.00 | 17.89 1.06 0.00 | 14.20 0.80 0.00 | 17.41 0.87 0.00 | 16.87 0.90 0.00 | 16.08 1.01 0.00 | 14.90 0.97 0.00 | 15.11 0.99 0.00 | 16.40 1.08 0.00 | 17.10 1.19 0.00 | 17.50 1.32 0.00 | 18.27 1.44 0.00 | 20.90 1.69 -0.02 | 23.44 1.89 0.00 | 26.34 2.07 0.00 | 25.75 1.84 0.00 | 31.60 2.19 0.00 | 31.79 2.13 0.00 | 29.16 1.93 0.00 | 26.68 1.56 0.00 | 21.37 1.28 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 27.67 2.11 0.00 | 26.66 1.92 0.00 | 22.48 1.48 0.00 | 19.95 1.29 0.00 | 18.00 1.17 0.00 | 14.28 0.87 0.00 | 17.48 0.94 0.00 | 16.94 0.98 0.00 | 16.16 1.09 0.00 | 14.98 1.06 0.00 | 15.19 1.07 0.00 | 16.48 1.16 0.00 | 17.17 1.27 0.00 | 17.58 1.41 0.00 | 18.35 1.52 0.00 | 21.00 1.80 -0.03 | 23.52 1.97 0.00 | 26.37 2.10 0.00 | 25.67 1.76 0.00 | 31.40 1.98 0.00 | 31.61 1.95 0.00 | 29.06 1.83 0.00 | 26.64 1.52 0.00 | 21.33 1.24 0.00 |
| W50THST__13_KV_LOAD 356117 | 27.80 2.24 0.00 | 26.79 2.05 0.00 | 22.58 1.58 0.00 | 20.04 1.38 0.00 | 18.08 1.25 0.00 | 14.34 0.94 0.00 | 17.55 1.02 0.00 | 17.02 1.05 0.00 | 16.24 1.17 0.00 | 15.05 1.13 0.00 | 15.26 1.15 0.00 | 16.57 1.25 0.00 | 17.26 1.35 0.00 | 17.66 1.49 0.00 | 18.45 1.61 0.00 | 21.11 1.90 -0.03 | 23.64 2.09 0.00 | 26.51 2.23 0.00 | 25.79 1.88 0.00 | 31.53 2.12 0.00 | 31.76 2.09 0.00 | 29.19 1.96 0.00 | 26.77 1.65 0.00 | 21.41 1.32 0.00 |
| WADING RIVER_IC_1 23522 | 117.37 2.71 -89.09 | 79.68 2.52 -52.40 | 31.23 1.79 -8.44 | 20.60 1.93 0.00 | 18.53 1.71 0.00 | 14.75 1.35 0.00 | 18.00 1.46 0.00 | 17.67 1.69 -0.01 | 16.85 1.77 -0.01 | 15.26 1.33 0.00 | 15.16 1.05 0.00 | 16.49 1.17 0.00 | 17.08 1.18 0.00 | 17.64 1.47 0.00 | 18.52 1.69 0.00 | 21.25 2.04 -0.03 | 23.66 2.10 0.00 | 26.79 2.51 0.00 | 26.12 2.21 0.00 | 31.90 2.49 0.00 | 34.22 2.58 -1.98 | 45.99 2.40 -16.36 | 27.09 1.97 0.00 | 21.65 1.56 0.00 |
| WADING RIVER_IC_2 23547 | 117.37 2.71 -89.09 | 79.68 2.52 -52.40 | 31.23 1.79 -8.44 | 20.60 1.93 0.00 | 18.53 1.71 0.00 | 14.75 1.35 0.00 | 18.00 1.46 0.00 | 17.67 1.69 -0.01 | 16.85 1.77 -0.01 | 15.26 1.33 0.00 | 15.16 1.05 0.00 | 16.49 1.17 0.00 | 17.08 1.18 0.00 | 17.64 1.47 0.00 | 18.52 1.69 0.00 | 21.25 2.04 -0.03 | 23.66 2.10 0.00 | 26.79 2.51 0.00 | 26.12 2.21 0.00 | 31.90 2.49 0.00 | 34.22 2.58 -1.98 | 45.99 2.40 -16.36 | 27.09 1.97 0.00 | 21.65 1.56 0.00 |
| WADING RIVER_IC_3 23601 | 117.37 2.71 -89.09 | 79.68 2.52 -52.40 | 31.23 1.79 -8.44 | 20.60 1.93 0.00 | 18.53 1.71 0.00 | 14.75 1.35 0.00 | 18.00 1.46 0.00 | 17.67 1.69 -0.01 | 16.85 1.77 -0.01 | 15.26 1.33 0.00 | 15.16 1.05 0.00 | 16.49 1.17 0.00 | 17.08 1.18 0.00 | 17.64 1.47 0.00 | 18.52 1.69 0.00 | 21.25 2.04 -0.03 | 23.66 2.10 0.00 | 26.79 2.51 0.00 | 26.12 2.21 0.00 | 31.90 2.49 0.00 | 34.22 2.58 -1.98 | 45.99 2.40 -16.36 | 27.09 1.97 0.00 | 21.65 1.56 0.00 |
| WALDENNY_I2_KV_BK2 80841 | 25.18 -0.38 0.00 | 24.37 -0.37 0.00 | 20.63 -0.37 0.00 | 18.31 -0.35 0.00 | 16.40 -0.43 0.00 | 13.05 -0.35 0.00 | 16.11 -0.43 0.00 | 15.70 -0.27 0.00 | 15.11 0.04 0.00 | 13.94 0.01 0.00 | 14.16 0.04 0.00 | 15.36 0.04 0.00 | 15.93 0.03 0.00 | 16.09 -0.08 0.00 | 16.78 -0.05 0.00 | 19.15 -0.04 0.00 | 21.32 -0.23 0.00 | 23.91 -0.36 0.00 | 23.38 -0.52 0.00 | 28.88 -0.54 0.00 | 29.28 -0.39 0.00 | 26.92 -0.31 0.00 | 25.51 0.39 0.00 | 20.68 0.60 0.00 |
| WALDEN__HYDRO 24148 | 27.50 1.94 0.00 | 26.50 1.76 0.00 | 22.39 1.38 0.00 | 19.87 1.20 0.00 | 17.89 1.07 0.00 | 14.21 0.81 0.00 | 17.42 0.88 0.00 | 16.85 0.88 0.00 | 16.01 0.94 0.00 | 14.80 0.88 0.00 | 15.01 0.89 0.00 | 16.29 0.96 0.00 | 17.01 1.10 0.00 | 17.37 1.20 0.00 | 18.10 1.26 0.00 | 20.78 1.58 -0.02 | 23.27 1.72 0.00 | 26.20 1.93 0.00 | 25.65 1.75 0.00 | 31.42 2.01 0.00 | 31.63 1.97 0.00 | 29.01 1.78 0.00 | 26.56 1.44 0.00 | 21.25 1.17 0.00 |
| WARRENSBURG____ 23737 | 27.03 1.46 0.00 | 26.06 1.32 0.00 | 22.15 1.15 0.00 | 19.62 0.95 0.00 | 17.65 0.82 0.00 | 13.99 0.58 0.00 | 17.10 0.56 0.00 | 16.48 0.51 0.00 | 15.61 0.54 0.00 | 14.40 0.48 0.00 | 14.50 0.39 0.00 | 15.75 0.43 0.00 | 16.34 0.43 0.00 | 16.62 0.44 0.00 | 17.26 0.43 0.00 | 19.71 0.55 0.03 | 22.34 0.79 0.00 | 25.35 1.08 0.00 | 25.23 1.32 0.00 | 30.95 1.54 0.00 | 31.14 1.48 0.00 | 28.43 1.21 0.00 | 26.01 0.89 0.00 | 20.85 0.76 0.00 |
| WATERSIDE__6 8 9 23538 | 27.77 2.21 0.01 | 26.72 1.97 0.00 | 22.54 1.54 0.00 | 20.01 1.34 0.00 | 18.04 1.22 0.00 | 14.31 0.91 0.00 | 17.52 0.98 0.00 | 16.98 1.01 0.00 | 16.19 1.12 0.00 | 15.01 1.08 0.00 | 15.21 1.10 0.00 | 16.50 1.17 0.00 | 17.19 1.29 0.00 | 17.60 1.43 0.00 | 18.38 1.55 0.00 | 21.03 1.82 -0.03 | 23.55 2.00 0.00 | 26.40 2.13 0.00 | 25.71 1.80 0.00 | 31.46 2.05 0.00 | 31.69 2.02 0.00 | 29.13 1.90 0.00 | 26.70 1.58 0.00 | 21.38 1.29 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 25.74 0.18 0.00 | 24.87 0.12 0.00 | 21.09 0.09 0.00 | 18.74 0.07 0.00 | 16.92 0.09 0.00 | 13.48 0.08 0.00 | 16.55 0.01 0.00 | 15.94 -0.03 0.00 | 15.02 -0.04 0.00 | 13.90 -0.03 0.00 | 14.04 -0.07 0.00 | 15.26 -0.06 0.00 | 15.87 -0.04 0.00 | 16.17 0.00 0.00 | 16.83 -0.01 0.00 | 19.22 0.04 0.00 | 21.61 0.06 0.00 | 24.40 0.12 0.00 | 24.06 0.15 0.00 | 29.60 0.19 0.00 | 29.84 0.18 0.00 | 27.36 0.13 0.00 | 25.11 0.00 0.00 | 20.11 0.02 0.00 |
| WATSON__69_KV_BK 1 55734 | 117.87 3.21 -89.09 | 80.15 3.00 -52.40 | 31.60 2.15 -8.44 | 20.72 2.05 0.00 | 18.64 1.81 0.00 | 14.83 1.43 0.00 | 18.11 1.57 0.00 | 17.65 1.68 0.00 | 16.83 1.76 0.00 | 15.42 1.49 0.00 | 15.44 1.32 0.00 | 16.80 1.48 0.00 | 17.45 1.55 0.00 | 17.99 1.82 0.00 | 18.89 2.05 0.00 | 21.66 2.45 -0.03 | 24.10 2.54 0.00 | 27.27 2.99 0.00 | 26.56 2.65 0.00 | 32.49 3.07 0.00 | 34.82 3.17 -1.98 | 46.54 2.95 -16.36 | 27.62 2.50 0.00 | 22.07 1.98 0.00 |
| WDELAWARE__HYD 323627 | 26.97 1.41 0.00 | 25.94 1.19 0.00 | 21.89 0.89 0.00 | 19.42 0.75 0.00 | 17.47 0.64 0.00 | 13.88 0.48 0.00 | 17.03 0.49 0.00 | 16.48 0.52 0.00 | 15.66 0.59 0.00 | 14.31 0.39 0.00 | 14.72 0.61 0.00 | 15.93 0.60 0.00 | 16.60 0.70 0.00 | 16.96 0.78 0.00 | 17.70 0.87 0.00 | 20.25 1.06 -0.01 | 22.84 1.28 0.00 | 25.77 1.50 0.00 | 25.33 1.42 0.00 | 31.09 1.68 0.00 | 31.29 1.62 0.00 | 28.67 1.44 0.00 | 26.22 1.10 0.00 | 20.95 0.86 0.00 |
| WEST BABYLON__IC 23714 | 117.76 3.10 -89.09 | 80.03 2.88 -52.40 | 31.51 2.06 -8.44 | 20.62 1.95 0.00 | 18.55 1.73 0.00 | 14.76 1.36 0.00 | 18.02 1.49 0.00 | 17.55 1.58 0.00 | 16.73 1.66 0.00 | 15.35 1.42 0.00 | 15.39 1.28 0.00 | 16.74 1.42 0.00 | 17.40 1.50 0.00 | 17.94 1.77 0.00 | 18.82 1.98 0.00 | 21.58 2.37 -0.03 | 24.01 2.46 0.00 | 27.15 2.87 0.00 | 26.44 2.53 0.00 | 32.35 2.94 0.00 | 34.69 3.04 -1.98 | 46.44 2.84 -16.36 | 27.54 2.42 0.00 | 22.01 1.92 0.00 |
| WEST CANADA__HYD 24049 | 25.61 0.05 0.00 | 24.78 0.03 0.00 | 21.02 0.02 0.00 | 18.69 0.02 0.00 | 16.85 0.02 0.00 | 13.43 0.03 0.00 | 16.54 0.00 0.00 | 15.97 0.00 0.00 | 15.07 0.00 0.00 | 13.94 0.01 0.00 | 14.11 0.00 0.00 | 15.32 0.00 0.00 | 15.92 0.02 0.00 | 16.19 0.02 0.00 | 16.86 0.02 0.00 | 19.22 0.04 0.00 | 21.60 0.04 0.00 | 24.32 0.05 0.00 | 23.96 0.05 0.00 | 29.47 0.06 0.00 | 29.71 0.04 0.00 | 27.25 0.03 0.00 | 25.11 0.00 0.00 | 20.10 0.01 0.00 |

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|--|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| WESTERN_NY_WIND 24143 | 25.48 -0.08 0.00 | 24.67 -0.07 0.00 | 20.89 -0.11 0.00 | 18.55 -0.12 0.00 | 16.62 -0.20 0.00 | 13.23 -0.17 0.00 | 16.33 -0.21 0.00 | 15.86 -0.11 0.00 | 15.20 0.13 0.00 | 13.99 0.07 0.00 | 14.20 0.09 0.00 | 15.36 0.04 0.00 | 15.96 0.06 0.00 | 16.11 -0.06 0.00 | 16.81 -0.03 0.00 | 19.15 -0.04 0.00 | 21.44 -0.11 0.00 | 24.14 -0.13 0.00 | 23.80 -0.10 0.00 | 29.43 0.02 0.00 | 29.87 0.20 0.00 | 27.48 0.25 0.00 | 25.93 0.82 0.00 | 20.97 0.88 0.00 |
| WESTOVER___LESR 323668 | 25.71 0.15 0.00 | 24.86 0.12 0.00 | 21.08 0.08 0.00 | 18.73 0.06 0.00 | 16.87 0.04 0.00 | 13.45 0.05 0.00 | 16.55 0.01 0.00 | 16.05 0.08 0.00 | 15.24 0.16 0.00 | 14.10 0.17 0.00 | 14.28 0.17 0.00 | 15.49 0.17 0.00 | 16.09 0.19 0.00 | 16.38 0.21 0.00 | 17.06 0.23 0.00 | 19.53 0.35 0.00 | 21.85 0.30 0.00 | 24.61 0.33 0.00 | 24.13 0.22 0.00 | 29.65 0.24 0.00 | 29.93 0.25 0.00 | 27.38 0.15 0.00 | 25.39 0.27 0.00 | 20.36 0.27 0.00 |
| WETHRSFD_WT_PWR 323626 | 25.25 -0.31 0.00 | 24.40 -0.34 0.00 | 20.64 -0.36 0.00 | 18.25 -0.42 0.00 | 16.31 -0.52 0.00 | 13.01 -0.40 0.00 | 16.07 -0.47 0.00 | 15.69 -0.28 0.00 | 15.09 0.02 0.00 | 13.95 0.03 0.00 | 14.09 -0.02 0.00 | 15.29 -0.04 0.00 | 15.88 -0.02 0.00 | 16.07 -0.10 0.00 | 16.74 -0.09 0.00 | 19.15 -0.04 0.00 | 21.34 -0.21 0.00 | 23.98 -0.30 0.00 | 23.46 -0.45 0.00 | 28.95 -0.46 0.00 | 29.35 -0.32 0.00 | 26.89 -0.34 0.00 | 25.34 0.22 0.00 | 20.46 0.37 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 27.33 1.77 0.00 | 26.36 1.62 0.00 | 22.26 1.26 0.00 | 19.76 1.09 0.00 | 17.81 0.98 0.00 | 14.14 0.74 0.00 | 17.34 0.80 0.00 | 16.79 0.83 0.00 | 16.01 0.94 0.00 | 14.82 0.90 0.00 | 15.03 0.92 0.00 | 16.31 0.99 0.00 | 17.00 1.10 0.00 | 17.40 1.23 0.00 | 18.16 1.33 0.00 | 20.77 1.57 -0.02 | 23.29 1.74 0.00 | 26.17 1.90 0.00 | 25.52 1.61 0.00 | 31.21 1.80 0.00 | 31.41 1.75 0.00 | 28.83 1.60 0.00 | 26.39 1.27 0.00 | 21.16 1.07 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 27.33 1.77 0.00 | 26.36 1.62 0.00 | 22.26 1.26 0.00 | 19.76 1.09 0.00 | 17.81 0.98 0.00 | 14.14 0.74 0.00 | 17.34 0.80 0.00 | 16.79 0.83 0.00 | 16.01 0.94 0.00 | 14.82 0.90 0.00 | 15.03 0.92 0.00 | 16.31 0.99 0.00 | 17.00 1.10 0.00 | 17.40 1.23 0.00 | 18.16 1.33 0.00 | 20.77 1.57 -0.02 | 23.29 1.74 0.00 | 26.17 1.90 0.00 | 25.52 1.61 0.00 | 31.21 1.80 0.00 | 31.41 1.75 0.00 | 28.83 1.60 0.00 | 26.39 1.27 0.00 | 21.16 1.07 0.00 |
| WHITEHAL_115KV_TB1 80871 | 28.03 2.47 0.00 | 26.95 2.21 0.00 | 23.00 1.99 0.00 | 20.27 1.60 0.00 | 18.12 1.30 0.00 | 14.31 0.91 0.00 | 17.44 0.90 0.00 | 16.80 0.83 0.00 | 15.93 0.86 0.00 | 14.70 0.77 0.00 | 14.90 0.79 0.00 | 16.24 0.91 0.00 | 16.84 0.93 0.00 | 17.11 0.94 0.00 | 17.68 0.85 0.00 | 20.26 1.11 0.03 | 23.07 1.52 0.00 | 26.38 2.11 0.00 | 26.28 2.37 0.00 | 32.24 2.83 0.00 | 32.41 2.74 0.00 | 29.27 2.04 0.00 | 26.81 1.69 0.00 | 21.64 1.54 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 27.80 2.24 0.00 | 26.77 2.03 0.00 | 22.58 1.58 0.00 | 20.04 1.38 0.00 | 18.06 1.24 0.00 | 14.34 0.94 0.00 | 17.56 1.03 0.00 | 17.02 1.05 0.00 | 16.21 1.14 0.00 | 15.02 1.10 0.00 | 15.23 1.12 0.00 | 16.53 1.21 0.00 | 17.23 1.32 0.00 | 17.63 1.46 0.00 | 18.42 1.58 0.00 | 21.08 1.88 -0.03 | 23.64 2.09 0.00 | 26.56 2.29 0.00 | 25.90 2.00 0.00 | 31.68 2.26 0.00 | 31.90 2.24 0.00 | 29.29 2.06 0.00 | 26.83 1.71 0.00 | 21.47 1.39 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 117.61 2.95 -89.09 | 79.91 2.76 -52.40 | 31.40 1.96 -8.44 | 20.65 1.98 0.00 | 18.58 1.75 0.00 | 14.79 1.39 0.00 | 18.05 1.51 0.00 | 17.66 1.69 -0.01 | 16.84 1.76 -0.01 | 15.32 1.40 0.00 | 15.26 1.15 0.00 | 16.60 1.27 0.00 | 17.20 1.29 0.00 | 17.75 1.57 0.00 | 18.63 1.79 0.00 | 21.38 2.17 -0.03 | 23.80 2.25 0.00 | 26.96 2.68 0.00 | 26.29 2.38 0.00 | 32.14 2.73 0.00 | 34.46 2.81 -1.98 | 46.23 2.64 -16.36 | 27.31 2.20 0.00 | 21.83 1.74 0.00 |
| WOODARD___115KV_TB2 355635 | 25.11 -0.45 0.00 | 24.31 -0.44 0.00 | 20.65 -0.35 0.00 | 18.35 -0.31 0.00 | 16.55 -0.28 0.00 | 13.20 -0.20 0.00 | 16.25 -0.29 0.00 | 15.71 -0.25 0.00 | 14.88 -0.19 0.00 | 13.77 -0.16 0.00 | 13.96 -0.15 0.00 | 15.15 -0.17 0.00 | 15.71 -0.20 0.00 | 15.96 -0.21 0.00 | 16.62 -0.22 0.00 | 18.93 -0.25 0.00 | 21.25 -0.31 0.00 | 23.96 -0.32 0.00 | 23.59 -0.32 0.00 | 29.03 -0.38 0.00 | 29.29 -0.38 0.00 | 26.85 -0.38 0.00 | 24.83 -0.29 0.00 | 19.93 -0.16 0.00 |
| YORK___WARBASSE 23770 | 27.92 2.32 -0.03 | 26.83 2.08 0.00 | 22.63 1.62 0.00 | 20.07 1.41 0.00 | 18.10 1.27 0.00 | 14.35 0.95 0.00 | 17.56 1.02 0.00 | 17.01 1.05 0.00 | 16.23 1.16 0.00 | 15.04 1.11 0.00 | 15.25 1.14 0.00 | 16.54 1.22 0.00 | 17.25 1.34 0.00 | 17.67 1.49 0.00 | 18.45 1.62 0.00 | 21.11 1.91 -0.03 | 23.66 2.11 0.00 | 26.52 2.25 0.00 | 25.85 1.93 -0.02 | 31.59 2.18 0.00 | 31.81 2.14 0.00 | 29.25 2.02 0.00 | 26.81 1.69 0.00 | 21.47 1.38 0.00 |