

Time Weighted/Integrated Real Time LBMP- Generator

| --- LBMP \$ | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | 08/23/2024 | | | |
|----------------------|--|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-------|-------|-------|
| Generator Data | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
| PTID | | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | | 21.46 | 19.59 | 16.96 | 18.94 | 21.29 | 21.91 | 23.99 | 25.71 | 24.50 | 22.49 | 22.03 | 22.03 | 23.12 | 31.88 | 33.14 | 28.78 | 29.83 | 28.24 | 37.82 | 34.80 | 31.35 | 25.71 | 25.77 | 23.55 |
| 24138 | | 0.92 | 0.82 | 0.73 | 0.75 | 0.84 | 0.90 | 0.99 | 1.10 | 1.20 | 1.10 | 1.09 | 1.09 | 1.35 | 1.97 | 2.32 | 2.25 | 2.38 | 2.21 | 2.76 | 2.46 | 2.16 | 1.72 | 1.39 | 1.20 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | | 21.52 | 19.65 | 17.01 | 19.00 | 21.34 | 21.97 | 24.05 | 25.78 | 24.57 | 22.56 | 22.10 | 22.10 | 23.19 | 31.96 | 33.23 | 28.86 | 29.92 | 28.31 | 37.92 | 34.91 | 31.45 | 25.80 | 25.86 | 23.64 |
| 24260 | | 0.98 | 0.88 | 0.78 | 0.81 | 0.90 | 0.96 | 1.05 | 1.17 | 1.27 | 1.16 | 1.15 | 1.15 | 1.41 | 2.06 | 2.42 | 2.33 | 2.47 | 2.29 | 2.87 | 2.57 | 2.27 | 1.81 | 1.48 | 1.29 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | | 21.52 | 19.65 | 17.01 | 19.00 | 21.34 | 21.97 | 24.05 | 25.78 | 24.57 | 22.56 | 22.10 | 22.10 | 23.19 | 31.96 | 33.23 | 28.86 | 29.92 | 28.31 | 37.92 | 34.91 | 31.45 | 25.80 | 25.86 | 23.64 |
| 24261 | | 0.98 | 0.88 | 0.78 | 0.81 | 0.90 | 0.96 | 1.05 | 1.17 | 1.27 | 1.16 | 1.15 | 1.15 | 1.41 | 2.06 | 2.42 | 2.33 | 2.47 | 2.29 | 2.87 | 2.57 | 2.27 | 1.81 | 1.48 | 1.29 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | | 21.96 | 20.20 | 17.54 | 19.62 | 21.91 | 22.43 | 24.42 | 26.04 | 24.47 | 22.24 | 21.76 | 21.76 | 22.67 | 31.22 | 32.58 | 28.30 | 29.56 | 28.10 | 37.84 | 35.12 | 31.67 | 25.91 | 26.06 | 23.81 |
| 24011 | | 1.42 | 1.43 | 1.32 | 1.44 | 1.46 | 1.42 | 1.42 | 1.43 | 1.17 | 0.86 | 0.82 | 0.82 | 0.89 | 1.31 | 1.76 | 1.77 | 2.11 | 2.07 | 2.79 | 2.78 | 2.48 | 1.91 | 1.67 | 1.46 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | | 22.03 | 20.33 | 17.69 | 19.78 | 22.08 | 22.57 | 24.54 | 26.18 | 24.54 | 22.28 | 21.80 | 21.80 | 22.71 | 31.33 | 32.77 | 28.52 | 29.83 | 28.33 | 38.08 | 35.36 | 31.91 | 26.12 | 26.23 | 23.97 |
| 23798 | | 1.49 | 1.56 | 1.46 | 1.59 | 1.63 | 1.56 | 1.54 | 1.58 | 1.24 | 0.89 | 0.86 | 0.86 | 0.94 | 1.43 | 1.95 | 2.00 | 2.37 | 2.30 | 3.03 | 3.02 | 2.73 | 2.13 | 1.85 | 1.62 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | | 21.96 | 20.20 | 17.54 | 19.62 | 21.91 | 22.43 | 24.42 | 26.04 | 24.47 | 22.24 | 21.76 | 21.76 | 22.67 | 31.22 | 32.58 | 28.30 | 29.56 | 28.10 | 37.84 | 35.12 | 31.67 | 25.91 | 26.06 | 23.81 |
| 24028 | | 1.42 | 1.43 | 1.32 | 1.44 | 1.46 | 1.42 | 1.42 | 1.43 | 1.17 | 0.86 | 0.82 | 0.82 | 0.89 | 1.31 | 1.76 | 1.77 | 2.11 | 2.07 | 2.79 | 2.78 | 2.48 | 1.91 | 1.67 | 1.46 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | | 21.72 | 19.87 | 17.24 | 19.30 | 21.66 | 22.12 | 24.11 | 25.76 | 24.27 | 21.99 | 21.51 | 21.51 | 22.26 | 30.49 | 31.80 | 27.36 | 28.52 | 27.09 | 36.58 | 34.22 | 30.90 | 25.34 | 25.41 | 23.30 |
| 23527 | | 1.18 | 1.10 | 1.02 | 1.12 | 1.21 | 1.11 | 1.11 | 1.16 | 0.97 | 0.61 | 0.57 | 0.57 | 0.49 | 0.58 | 0.99 | 0.83 | 1.07 | 1.06 | 1.52 | 1.88 | 1.72 | 1.34 | 1.02 | 0.95 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | | 20.82 | 19.07 | 16.57 | 18.51 | 20.77 | 21.27 | 23.19 | 24.76 | 23.50 | 21.48 | 21.03 | 21.03 | 21.83 | 29.84 | 31.00 | 26.81 | 27.91 | 26.47 | 35.62 | 33.02 | 29.79 | 24.41 | 24.54 | 22.47 |
| 24190 | | 0.28 | 0.30 | 0.34 | 0.33 | 0.32 | 0.26 | 0.19 | 0.16 | 0.20 | 0.09 | 0.08 | 0.08 | 0.05 | -0.06 | 0.18 | 0.28 | 0.46 | 0.45 | 0.56 | 0.68 | 0.61 | 0.42 | 0.16 | 0.11 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | | 20.61 | 18.83 | 16.25 | 18.22 | 20.50 | 21.09 | 23.13 | 24.81 | 23.45 | 21.58 | 21.15 | 21.15 | 21.99 | 30.22 | 30.96 | 26.49 | 27.30 | 25.83 | 34.82 | 32.11 | 29.00 | 23.83 | 24.47 | 22.49 |
| 355683 | | 0.07 | 0.06 | 0.02 | 0.04 | 0.05 | 0.08 | 0.14 | 0.20 | 0.15 | 0.20 | 0.21 | 0.21 | 0.22 | 0.32 | 0.14 | -0.04 | -0.16 | -0.20 | -0.23 | -0.23 | -0.19 | -0.16 | 0.09 | 0.14 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | | 21.25 | 19.48 | 16.90 | 18.92 | 21.24 | 21.77 | 23.75 | 25.33 | 23.94 | 21.81 | 21.34 | 21.34 | 22.05 | 30.18 | 31.24 | 27.13 | 28.32 | 26.91 | 36.32 | 33.72 | 30.44 | 24.92 | 25.06 | 22.94 |
| 323833 | | 0.71 | 0.71 | 0.68 | 0.74 | 0.79 | 0.77 | 0.75 | 0.73 | 0.64 | 0.42 | 0.40 | 0.40 | 0.27 | 0.28 | 0.42 | 0.61 | 0.87 | 0.88 | 1.26 | 1.38 | 1.25 | 0.93 | 0.68 | 0.59 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_2_SOLAR | | 21.24 | 19.48 | 16.90 | 18.91 | 21.23 | 21.77 | 23.74 | 25.33 | 23.93 | 21.81 | 21.34 | 21.34 | 22.05 | 30.18 | 31.23 | 27.13 | 28.32 | 26.91 | 36.31 | 33.71 | 30.42 | 24.91 | 25.05 | 22.94 |
| 323834 | | 0.70 | 0.70 | 0.67 | 0.73 | 0.79 | 0.76 | 0.75 | 0.72 | 0.63 | 0.42 | 0.40 | 0.40 | 0.27 | 0.27 | 0.42 | 0.61 | 0.86 | 0.88 | 1.25 | 1.37 | 1.24 | 0.92 | 0.67 | 0.59 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | | 20.82 | 19.07 | 16.57 | 18.51 | 20.77 | 21.27 | 23.19 | 24.76 | 23.50 | 21.48 | 21.03 | 21.03 | 21.83 | 29.84 | 31.00 | 26.81 | 27.91 | 26.47 | 35.62 | 33.02 | 29.79 | 24.41 | 24.54 | 22.47 |
| 23571 | | 0.28 | 0.30 | 0.34 | 0.33 | 0.32 | 0.26 | 0.19 | 0.16 | 0.20 | 0.09 | 0.08 | 0.08 | 0.05 | -0.06 | 0.18 | 0.28 | 0.46 | 0.45 | 0.56 | 0.68 | 0.61 | 0.42 | 0.16 | 0.11 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 20.82 0.28 0.00 | 19.07 0.30 0.00 | 16.57 0.34 0.00 | 18.51 0.33 0.00 | 20.77 0.32 0.00 | 21.27 0.26 0.00 | 23.19 0.19 0.00 | 24.76 0.16 0.00 | 23.50 0.20 0.00 | 21.48 0.09 0.00 | 21.03 0.08 0.00 | 21.03 0.08 0.00 | 21.83 0.05 0.00 | 29.84 -0.06 0.00 | 31.00 0.18 0.00 | 26.81 0.28 0.00 | 27.91 0.46 0.00 | 26.47 0.45 0.00 | 35.62 0.56 0.00 | 33.02 0.68 0.00 | 29.79 0.61 0.00 | 24.41 0.42 0.00 | 24.54 0.16 0.00 | 22.47 0.11 0.00 |
| ALBANY___3 23573 | 20.82 0.28 0.00 | 19.07 0.30 0.00 | 16.57 0.34 0.00 | 18.51 0.33 0.00 | 20.77 0.32 0.00 | 21.27 0.26 0.00 | 23.19 0.19 0.00 | 24.76 0.16 0.00 | 23.50 0.20 0.00 | 21.48 0.09 0.00 | 21.03 0.08 0.00 | 21.03 0.08 0.00 | 21.83 0.05 0.00 | 29.84 -0.06 0.00 | 31.00 0.18 0.00 | 26.81 0.28 0.00 | 27.91 0.46 0.00 | 26.47 0.45 0.00 | 35.62 0.56 0.00 | 33.02 0.68 0.00 | 29.79 0.61 0.00 | 24.41 0.42 0.00 | 24.54 0.16 0.00 | 22.47 0.11 0.00 |
| ALBANY___4 23574 | 20.82 0.28 0.00 | 19.07 0.30 0.00 | 16.57 0.34 0.00 | 18.51 0.33 0.00 | 20.77 0.32 0.00 | 21.27 0.26 0.00 | 23.19 0.19 0.00 | 24.76 0.16 0.00 | 23.50 0.20 0.00 | 21.48 0.09 0.00 | 21.03 0.08 0.00 | 21.03 0.08 0.00 | 21.83 0.05 0.00 | 29.84 -0.06 0.00 | 31.00 0.18 0.00 | 26.81 0.28 0.00 | 27.91 0.46 0.00 | 26.47 0.45 0.00 | 35.62 0.56 0.00 | 33.02 0.68 0.00 | 29.79 0.61 0.00 | 24.41 0.42 0.00 | 24.54 0.16 0.00 | 22.47 0.11 0.00 |
| ALBANY___LFGE 323615 | 21.03 0.49 0.00 | 19.26 0.48 0.00 | 16.71 0.49 0.00 | 18.68 0.50 0.00 | 20.96 0.51 0.00 | 21.48 0.47 0.00 | 23.43 0.43 0.00 | 25.02 0.41 0.00 | 23.74 0.44 0.00 | 21.69 0.30 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.06 0.29 0.00 | 30.18 0.28 0.00 | 31.37 0.56 0.00 | 27.14 0.61 0.00 | 28.25 0.80 0.00 | 26.80 0.77 0.00 | 36.05 1.00 0.00 | 33.43 1.09 0.00 | 30.13 0.95 0.00 | 24.68 0.69 0.00 | 24.80 0.41 0.00 | 22.70 0.34 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 20.61 0.07 0.00 | 18.82 0.05 0.00 | 16.23 0.01 0.00 | 18.21 0.02 0.00 | 20.49 0.04 0.00 | 21.09 0.08 0.00 | 23.14 0.15 0.00 | 24.83 0.23 0.00 | 23.46 0.16 0.00 | 21.58 0.20 0.00 | 21.15 0.21 0.00 | 21.15 0.21 0.00 | 21.98 0.21 0.00 | 30.21 0.30 0.00 | 30.95 0.13 0.00 | 26.47 -0.05 0.00 | 27.27 -0.19 0.00 | 25.81 -0.22 0.00 | 34.82 -0.24 0.00 | 32.12 -0.22 0.00 | 29.03 -0.16 0.00 | 23.85 -0.14 0.00 | 24.51 0.12 0.00 | 22.52 0.16 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 20.61 0.07 0.00 | 18.82 0.05 0.00 | 16.23 0.01 0.00 | 18.21 0.02 0.00 | 20.49 0.04 0.00 | 21.09 0.08 0.00 | 23.14 0.15 0.00 | 24.83 0.23 0.00 | 23.46 0.16 0.00 | 21.58 0.20 0.00 | 21.15 0.21 0.00 | 21.15 0.21 0.00 | 21.98 0.21 0.00 | 30.21 0.30 0.00 | 30.95 0.13 0.00 | 26.47 -0.05 0.00 | 27.27 -0.19 0.00 | 25.81 -0.22 0.00 | 34.82 -0.24 0.00 | 32.12 -0.22 0.00 | 29.03 -0.16 0.00 | 23.85 -0.14 0.00 | 24.51 0.12 0.00 | 22.52 0.16 0.00 |
| ALCOA___DSASP 323711 | 20.61 0.07 0.00 | 18.82 0.05 0.00 | 16.23 0.01 0.00 | 18.21 0.02 0.00 | 20.49 0.04 0.00 | 21.09 0.08 0.00 | 23.14 0.15 0.00 | 24.83 0.23 0.00 | 23.46 0.16 0.00 | 21.58 0.20 0.00 | 21.15 0.21 0.00 | 21.15 0.21 0.00 | 21.98 0.21 0.00 | 30.21 0.30 0.00 | 30.95 0.13 0.00 | 26.47 -0.05 0.00 | 27.27 -0.19 0.00 | 25.81 -0.22 0.00 | 34.82 -0.23 0.00 | 32.12 -0.21 0.00 | 29.03 -0.16 0.00 | 23.85 -0.14 0.00 | 24.51 0.12 0.00 | 22.52 0.16 0.00 |
| ALLEGHENY___COGEN 23514 | 20.39 -0.15 0.00 | 18.66 -0.11 0.00 | 16.06 -0.17 0.00 | 18.02 -0.16 0.00 | 20.31 -0.14 0.00 | 20.89 -0.12 0.00 | 23.03 0.04 0.00 | 24.67 0.07 0.00 | 23.07 -0.23 0.00 | 21.16 -0.22 0.00 | 20.69 -0.25 0.00 | 20.69 -0.25 0.00 | 21.73 -0.04 0.00 | 30.08 0.18 0.00 | 31.07 0.25 0.00 | 26.75 0.22 0.00 | 27.37 -0.09 0.00 | 25.85 -0.18 0.00 | 35.10 0.04 0.00 | 32.84 0.50 0.00 | 29.82 0.64 0.00 | 24.48 0.49 0.00 | 24.75 0.37 0.00 | 22.44 0.08 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 21.02 0.48 0.00 | 19.23 0.46 0.00 | 16.67 0.45 0.00 | 18.65 0.47 0.00 | 20.95 0.51 0.00 | 21.49 0.48 0.00 | 23.46 0.46 0.00 | 25.06 0.46 0.00 | 23.75 0.44 0.00 | 21.70 0.31 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.06 0.28 0.00 | 30.26 0.35 0.00 | 31.46 0.64 0.00 | 27.40 0.88 0.00 | 28.54 1.09 0.00 | 26.77 0.74 0.00 | 36.04 0.98 0.00 | 33.38 1.04 0.00 | 30.09 0.90 0.00 | 24.65 0.65 0.00 | 24.80 0.42 0.00 | 22.71 0.36 0.00 |
| ALTONA_WT_PWR 323606 | 20.78 0.24 0.00 | 19.06 0.29 0.00 | 16.46 0.23 0.00 | 18.44 0.26 0.00 | 20.77 0.33 0.00 | 21.37 0.36 0.00 | 23.47 0.48 0.00 | 25.19 0.59 0.00 | 23.67 0.37 0.00 | 21.80 0.41 0.00 | 21.38 0.44 0.00 | 21.38 0.44 0.00 | 22.26 0.49 0.00 | 30.46 0.55 0.00 | 31.29 0.47 0.00 | 26.81 0.28 0.00 | 27.70 0.24 0.00 | 26.17 0.15 0.00 | 35.26 0.21 0.00 | 32.55 0.21 0.00 | 29.13 -0.06 0.00 | 23.76 -0.23 0.00 | 24.29 -0.09 0.00 | 22.46 0.11 0.00 |
| AMERICAN_REF_FUEL 24010 | 18.90 -1.64 0.00 | 17.36 -1.41 0.00 | 14.93 -1.30 0.00 | 16.74 -1.44 0.00 | 18.84 -1.60 0.00 | 19.36 -1.65 0.00 | 21.28 -1.72 0.00 | 22.72 -1.88 0.00 | 21.51 -1.79 0.00 | 20.07 -1.32 0.00 | 19.67 -1.28 0.00 | 19.67 -1.28 0.00 | 20.71 -1.07 0.00 | 28.70 -1.20 0.00 | 29.23 -1.59 0.00 | 25.11 -1.42 0.00 | 25.56 -1.90 0.00 | 24.05 -1.98 0.00 | 32.62 -2.43 0.00 | 29.90 -2.44 0.00 | 26.98 -2.20 0.00 | 22.27 -1.72 0.00 | 22.70 -1.69 0.00 | 20.66 -1.69 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 19.58 -0.96 0.00 | 18.02 -0.75 0.00 | 15.54 -0.68 0.00 | 17.46 -0.73 0.00 | 19.67 -0.78 0.00 | 20.25 -0.76 0.00 | 22.32 -0.68 0.00 | 23.93 -0.67 0.00 | 22.64 -0.66 0.00 | 21.08 -0.31 0.00 | 20.63 -0.31 0.00 | 20.63 -0.31 0.00 | 21.80 0.03 0.00 | 30.31 0.41 0.00 | 31.01 0.20 0.00 | 26.71 0.19 0.00 | 27.25 -0.21 0.00 | 25.62 -0.41 0.00 | 34.65 -0.40 0.00 | 31.81 -0.53 0.00 | 28.61 -0.58 0.00 | 23.58 -0.41 0.00 | 23.91 -0.47 0.00 | 21.66 -0.69 0.00 |
| ARTHUR KILL_GT_1 23520 | 21.39 0.85 0.00 | 19.53 0.76 0.00 | 16.90 0.68 0.00 | 18.87 0.68 0.00 | 21.21 0.77 0.00 | 21.84 0.83 0.00 | 23.91 0.91 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.33 0.94 0.00 | 21.86 0.92 0.00 | 21.86 0.92 0.00 | 22.99 1.22 0.00 | 31.76 1.85 0.00 | 33.02 2.21 0.00 | 28.69 2.16 0.00 | 29.69 2.24 0.00 | 28.13 2.10 0.00 | 37.70 2.65 0.00 | 34.74 2.40 0.00 | 31.31 2.12 0.00 | 25.68 1.69 0.00 | 25.73 1.35 0.00 | 23.53 1.18 0.00 |
| ARTHUR_KILL_2 23512 | 21.33 0.79 0.00 | 19.48 0.71 0.00 | 16.86 0.63 0.00 | 18.82 0.64 0.00 | 21.16 0.71 0.00 | 21.78 0.77 0.00 | 23.84 0.84 0.00 | 25.52 0.91 0.00 | 24.31 1.01 0.00 | 22.27 0.89 0.00 | 21.80 0.86 0.00 | 21.80 0.86 0.00 | 22.94 1.16 0.00 | 31.67 1.77 0.00 | 32.93 2.11 0.00 | 28.61 2.08 0.00 | 29.61 2.15 0.00 | 28.04 2.02 0.00 | 37.58 2.53 0.00 | 34.62 2.28 0.00 | 31.21 2.02 0.00 | 25.59 1.60 0.00 | 25.64 1.26 0.00 | 23.45 1.10 0.00 |
| ARTHUR_KILL_3 23513 | 21.31 0.77 0.00 | 19.45 0.68 0.00 | 16.84 0.61 0.00 | 18.80 0.61 0.00 | 21.13 0.68 0.00 | 21.74 0.73 0.00 | 23.78 0.78 0.00 | 25.47 0.87 0.00 | 24.29 0.99 0.00 | 22.28 0.89 0.00 | 21.82 0.88 0.00 | 21.82 0.88 0.00 | 22.91 1.13 0.00 | 31.56 1.66 0.00 | 32.83 2.02 0.00 | 28.51 1.98 0.00 | 29.56 2.10 0.00 | 27.99 1.96 0.00 | 37.48 2.42 0.00 | 34.51 2.17 0.00 | 31.10 1.91 0.00 | 25.51 1.52 0.00 | 25.57 1.19 0.00 | 23.39 1.04 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 21.39 0.85 0.00 | 19.53 0.76 0.00 | 16.90 0.68 0.00 | 18.87 0.68 0.00 | 21.21 0.77 0.00 | 21.84 0.83 0.00 | 23.91 0.91 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.33 0.94 0.00 | 21.86 0.92 0.00 | 21.86 0.92 0.00 | 22.99 1.22 0.00 | 31.76 0.38 0.00 | 33.02 2.21 0.00 | 28.69 2.16 0.00 | 29.69 2.24 0.00 | 28.13 2.10 0.00 | 37.70 2.65 0.00 | 34.74 2.40 0.00 | 31.31 2.12 0.00 | 25.68 1.69 0.00 | 25.73 1.35 0.00 | 23.53 1.18 0.00 |
| ASHOKAN____ 23654 | 21.13 0.59 0.00 | 19.31 0.53 0.00 | 16.73 0.51 0.00 | 18.71 0.52 0.00 | 21.01 0.56 0.00 | 21.57 0.56 0.00 | 23.59 0.60 0.00 | 25.26 0.66 0.00 | 23.91 0.60 0.00 | 21.76 0.38 0.00 | 21.30 0.36 0.00 | 21.30 0.36 0.00 | 22.12 0.34 0.00 | 30.28 0.75 0.00 | 31.56 0.75 0.00 | 27.46 0.93 0.00 | 28.58 1.12 0.00 | 27.19 1.17 0.00 | 36.74 1.69 0.00 | 34.08 1.74 0.00 | 30.72 1.53 0.00 | 25.10 1.10 0.00 | 25.15 0.76 0.00 | 22.96 0.61 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 21.43 0.89 0.00 | 19.59 0.81 0.00 | 16.96 0.73 0.00 | 18.94 0.76 0.00 | 21.28 0.83 0.00 | 21.87 0.86 0.00 | 23.95 0.96 0.00 | 25.66 1.06 0.00 | 24.46 1.16 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.01 1.23 0.00 | 31.73 1.82 0.00 | 33.00 2.19 0.00 | 28.67 2.14 0.00 | 29.73 2.27 0.00 | 28.12 2.09 0.00 | 37.66 2.61 0.00 | 34.66 2.32 0.00 | 31.23 2.05 0.00 | 25.65 1.66 0.00 | 25.70 1.31 0.00 | 23.55 1.19 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 21.43 0.89 0.00 | 19.59 0.81 0.00 | 16.96 0.73 0.00 | 18.94 0.76 0.00 | 21.28 0.83 0.00 | 21.87 0.86 0.00 | 23.95 0.96 0.00 | 25.66 1.06 0.00 | 24.46 1.16 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.01 1.23 0.00 | 31.73 1.82 0.00 | 33.00 2.19 0.00 | 28.67 2.14 0.00 | 29.73 2.27 0.00 | 28.12 2.09 0.00 | 37.66 2.61 0.00 | 34.66 2.32 0.00 | 31.23 2.05 0.00 | 25.65 1.66 0.00 | 25.70 1.31 0.00 | 23.55 1.19 0.00 |
| ASTORIA_GT2_1 24094 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT2_2 24095 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT2_3 24096 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT2_4 24097 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT3_1 24098 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT3_2 24099 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT3_3 24100 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT3_4 24101 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT4_1 24102 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT4_2 24103 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT4_3 24104 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |

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| ASTORIA_GT4_4 24105 | 21.44 0.91 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.76 2.30 0.00 | 28.14 2.12 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA_GT_1 23523 | 21.48 0.94 0.00 | 19.63 0.85 0.00 | 16.99 0.76 0.00 | 18.97 0.79 0.00 | 21.32 0.87 0.00 | 21.91 0.90 0.00 | 24.00 1.00 0.00 | 25.72 1.12 0.00 | 24.52 1.21 0.00 | 22.51 1.12 0.00 | 22.06 1.11 -0.01 | 22.06 1.11 -0.01 | 23.07 1.29 0.00 | 31.82 1.91 0.00 | 33.10 2.28 0.00 | 28.76 2.23 0.00 | 29.82 2.37 0.00 | 28.20 2.17 0.00 | 37.76 2.71 0.00 | 34.75 2.41 0.00 | 31.31 2.13 0.00 | 25.72 1.72 0.00 | 25.76 1.38 0.00 | 23.60 1.24 0.00 |
| ASTORIA_GT_10 24110 | 21.42 0.89 0.00 | 19.56 0.79 0.00 | 16.94 0.71 0.00 | 18.91 0.73 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.92 0.93 0.00 | 25.62 1.02 0.00 | 24.43 1.12 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.26 0.00 | 31.77 1.87 0.00 | 33.04 2.22 0.00 | 28.70 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.70 2.65 0.00 | 34.70 2.36 0.00 | 31.27 2.08 0.00 | 25.66 1.67 0.00 | 25.71 1.32 0.00 | 23.54 1.19 0.00 |
| ASTORIA_GT_11 24225 | 21.42 0.89 0.00 | 19.56 0.79 0.00 | 16.94 0.71 0.00 | 18.91 0.73 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.92 0.93 0.00 | 25.62 1.02 0.00 | 24.43 1.12 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.26 0.00 | 31.77 1.87 0.00 | 33.04 2.22 0.00 | 28.70 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.70 2.65 0.00 | 34.70 2.36 0.00 | 31.27 2.08 0.00 | 25.66 1.67 0.00 | 25.71 1.32 0.00 | 23.54 1.19 0.00 |
| ASTORIA_GT_12 24226 | 21.42 0.89 0.00 | 19.56 0.79 0.00 | 16.94 0.71 0.00 | 18.91 0.73 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.92 0.93 0.00 | 25.62 1.02 0.00 | 24.43 1.12 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.26 0.00 | 31.77 1.87 0.00 | 33.04 2.22 0.00 | 28.70 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.70 2.65 0.00 | 34.70 2.36 0.00 | 31.27 2.08 0.00 | 25.66 1.67 0.00 | 25.71 1.32 0.00 | 23.54 1.19 0.00 |
| ASTORIA_GT_13 24227 | 21.42 0.89 0.00 | 19.56 0.79 0.00 | 16.94 0.71 0.00 | 18.91 0.73 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.92 0.93 0.00 | 25.62 1.02 0.00 | 24.43 1.12 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.26 0.00 | 31.77 1.87 0.00 | 33.04 2.22 0.00 | 28.70 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.70 2.65 0.00 | 34.70 2.36 0.00 | 31.27 2.08 0.00 | 25.66 1.67 0.00 | 25.71 1.32 0.00 | 23.54 1.19 0.00 |
| ASTORIA_GT_5 24106 | 21.48 0.94 0.00 | 19.63 0.85 0.00 | 16.99 0.76 0.00 | 18.97 0.79 0.00 | 21.32 0.87 0.00 | 21.91 0.90 0.00 | 24.00 1.00 0.00 | 25.72 1.12 0.00 | 24.51 1.21 0.00 | 22.51 1.12 0.00 | 22.06 1.11 -0.01 | 22.06 1.11 -0.01 | 23.07 1.29 0.00 | 31.82 1.91 0.00 | 33.10 2.28 0.00 | 28.76 2.23 0.00 | 29.82 2.37 0.00 | 28.20 2.17 0.00 | 37.76 2.71 0.00 | 34.75 2.41 0.00 | 31.31 2.13 0.00 | 25.71 1.72 0.00 | 25.76 1.38 0.00 | 23.60 1.25 0.00 |
| ASTORIA_GT_7 24107 | 21.48 0.94 0.00 | 19.63 0.85 0.00 | 16.99 0.76 0.00 | 18.97 0.79 0.00 | 21.32 0.87 0.00 | 21.91 0.90 0.00 | 24.00 1.00 0.00 | 25.72 1.12 0.00 | 24.51 1.21 0.00 | 22.51 1.12 0.00 | 22.06 1.11 -0.01 | 22.06 1.11 -0.01 | 23.07 1.29 0.00 | 31.82 1.91 0.00 | 33.10 2.28 0.00 | 28.76 2.23 0.00 | 29.82 2.37 0.00 | 28.20 2.17 0.00 | 37.76 2.71 0.00 | 34.75 2.41 0.00 | 31.31 2.13 0.00 | 25.71 1.72 0.00 | 25.76 1.38 0.00 | 23.60 1.25 0.00 |
| ASTORIA_GT_8 24108 | 21.48 0.94 0.00 | 19.63 0.85 0.00 | 16.99 0.76 0.00 | 18.97 0.79 0.00 | 21.32 0.87 0.00 | 21.91 0.90 0.00 | 24.00 1.00 0.00 | 25.72 1.12 0.00 | 24.51 1.21 0.00 | 22.51 1.12 0.00 | 22.06 1.11 -0.01 | 22.06 1.11 -0.01 | 23.07 1.29 0.00 | 31.82 1.91 0.00 | 33.10 2.28 0.00 | 28.76 2.23 0.00 | 29.82 2.37 0.00 | 28.20 2.17 0.00 | 37.76 2.71 0.00 | 34.75 2.41 0.00 | 31.31 2.13 0.00 | 25.71 1.72 0.00 | 25.76 1.38 0.00 | 23.60 1.25 0.00 |
| ASTORIA___2 24149 | 21.44 0.90 0.00 | 19.60 0.82 0.00 | 16.96 0.74 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.88 0.87 0.00 | 23.96 0.97 0.00 | 25.67 1.07 0.00 | 24.47 1.17 0.00 | 22.46 1.07 0.00 | 22.02 1.07 -0.01 | 22.02 1.07 -0.01 | 23.02 1.25 0.00 | 31.74 1.84 0.00 | 33.02 2.21 0.00 | 28.70 2.17 0.00 | 29.75 2.30 0.00 | 28.14 2.11 0.00 | 37.68 2.63 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.67 1.67 0.00 | 25.71 1.33 0.00 | 23.55 1.20 0.00 |
| ASTORIA___3 23516 | 21.42 0.88 0.00 | 19.56 0.79 0.00 | 16.94 0.71 0.00 | 18.91 0.74 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.93 0.93 0.00 | 25.62 1.02 0.00 | 24.43 1.12 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.26 0.00 | 31.77 1.87 0.00 | 33.04 2.22 0.00 | 28.70 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.70 2.65 0.00 | 34.70 2.36 0.00 | 31.27 2.08 0.00 | 25.67 1.67 0.00 | 25.71 1.32 0.00 | 23.54 1.18 0.00 |
| ASTORIA___4 23517 | 21.42 0.89 0.00 | 19.56 0.79 0.00 | 16.94 0.71 0.00 | 18.91 0.73 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.92 0.93 0.00 | 25.62 1.02 0.00 | 24.43 1.12 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.26 0.00 | 31.77 1.87 0.00 | 33.04 2.22 0.00 | 28.70 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.70 2.65 0.00 | 34.70 2.36 0.00 | 31.27 2.08 0.00 | 25.66 1.67 0.00 | 25.71 1.32 0.00 | 23.54 1.19 0.00 |
| ASTORIA___5 23518 | 21.42 0.88 0.00 | 19.56 0.79 0.00 | 16.94 0.71 0.00 | 18.91 0.74 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.93 0.93 0.00 | 25.62 1.02 0.00 | 24.43 1.12 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.26 0.00 | 31.77 1.87 0.00 | 33.04 2.22 0.00 | 28.70 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.70 2.65 0.00 | 34.70 2.36 0.00 | 31.27 2.08 0.00 | 25.67 1.67 0.00 | 25.71 1.32 0.00 | 23.54 1.18 0.00 |
| AST_ENERGY_2_CC3 323677 | 21.35 0.81 0.00 | 19.49 0.72 0.00 | 16.88 0.66 0.00 | 18.86 0.67 0.00 | 21.20 0.75 0.00 | 21.80 0.79 0.00 | 23.84 0.84 0.00 | 25.53 0.93 0.00 | 24.34 1.04 0.00 | 22.32 0.94 0.00 | 21.86 0.92 0.00 | 21.86 0.92 0.00 | 22.95 1.18 0.00 | 31.62 1.72 0.00 | 32.88 2.06 0.00 | 28.56 2.04 0.00 | 29.61 2.15 0.00 | 28.04 2.01 0.00 | 37.54 2.49 0.00 | 34.56 2.22 0.00 | 31.15 1.96 0.00 | 25.56 1.57 0.00 | 25.62 1.23 0.00 | 23.42 1.07 0.00 |
| AST_ENERGY_2_CC4 323678 | 21.35 0.81 0.00 | 19.49 0.72 0.00 | 16.88 0.66 0.00 | 18.86 0.67 0.00 | 21.20 0.75 0.00 | 21.80 0.79 0.00 | 23.84 0.84 0.00 | 25.53 0.93 0.00 | 24.34 1.04 0.00 | 22.32 0.94 0.00 | 21.86 0.92 0.00 | 21.86 0.92 0.00 | 22.95 1.18 0.00 | 31.62 1.72 0.00 | 32.88 2.06 0.00 | 28.56 2.04 0.00 | 29.61 2.15 0.00 | 28.04 2.01 0.00 | 37.54 2.49 0.00 | 34.56 2.22 0.00 | 31.15 1.96 0.00 | 25.56 1.57 0.00 | 25.62 1.23 0.00 | 23.42 1.07 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 21.04 0.50 0.00 | 19.24 0.46 0.00 | 16.66 0.44 0.00 | 18.65 0.47 0.00 | 20.96 0.51 0.00 | 21.50 0.50 0.00 | 23.49 0.50 0.00 | 25.13 0.53 0.00 | 23.84 0.54 0.00 | 21.82 0.43 0.00 | 21.36 0.42 0.00 | 21.36 0.42 0.00 | 22.23 0.45 0.00 | 30.50 0.60 0.00 | 31.63 0.82 0.00 | 27.39 0.86 0.00 | 28.44 0.98 0.00 | 26.96 0.93 0.00 | 36.22 1.16 0.00 | 33.47 1.13 0.00 | 30.18 0.99 0.00 | 24.74 0.75 0.00 | 24.89 0.50 0.00 | 22.79 0.43 0.00 |
| ATHENS_STG_2 23670 | 21.04 0.50 0.00 | 19.24 0.46 0.00 | 16.66 0.44 0.00 | 18.65 0.47 0.00 | 20.96 0.51 0.00 | 21.50 0.50 0.00 | 23.49 0.50 0.00 | 25.13 0.53 0.00 | 23.84 0.54 0.00 | 21.82 0.43 0.00 | 21.36 0.42 0.00 | 21.36 0.42 0.00 | 22.23 0.45 0.00 | 30.50 0.60 0.00 | 31.63 0.82 0.00 | 27.39 0.86 0.00 | 28.44 0.98 0.00 | 26.96 0.93 0.00 | 36.22 1.16 0.00 | 33.47 1.13 0.00 | 30.18 0.99 0.00 | 24.74 0.75 0.00 | 24.89 0.50 0.00 | 22.79 0.43 0.00 |
| ATHENS_STG_3 23677 | 21.04 0.50 0.00 | 19.24 0.46 0.00 | 16.66 0.44 0.00 | 18.65 0.47 0.00 | 20.96 0.51 0.00 | 21.50 0.50 0.00 | 23.49 0.50 0.00 | 25.13 0.53 0.00 | 23.84 0.54 0.00 | 21.82 0.43 0.00 | 21.36 0.42 0.00 | 21.36 0.42 0.00 | 22.23 0.45 0.00 | 30.50 0.60 0.00 | 31.63 0.82 0.00 | 27.39 0.86 0.00 | 28.44 0.98 0.00 | 26.96 0.93 0.00 | 36.22 1.16 0.00 | 33.47 1.13 0.00 | 30.18 0.99 0.00 | 24.74 0.75 0.00 | 24.89 0.50 0.00 | 22.79 0.43 0.00 |
| AUBURN___LFGE 323710 | 20.42 -0.12 0.00 | 18.71 -0.06 0.00 | 16.16 -0.06 0.00 | 18.11 -0.07 0.00 | 20.33 -0.12 0.00 | 20.97 -0.04 0.00 | 22.93 -0.06 0.00 | 24.58 -0.02 0.00 | 23.25 -0.05 0.00 | 21.28 -0.11 0.00 | 20.82 -0.13 0.00 | 20.82 -0.13 0.00 | 21.70 -0.07 0.00 | 29.89 -0.02 0.00 | 30.80 -0.01 0.00 | 26.53 0.00 0.00 | 27.54 0.08 0.00 | 26.14 0.11 0.00 | 35.34 0.29 0.00 | 32.60 0.27 0.00 | 29.38 0.19 0.00 | 24.16 0.17 0.00 | 24.41 0.03 0.00 | 22.29 -0.06 0.00 |
| BABYLON_RES_REC 323704 | 21.72 1.18 0.00 | 19.80 1.03 0.00 | 17.15 0.92 0.00 | 19.12 0.93 0.00 | 21.50 1.05 0.00 | 22.19 1.18 0.00 | 24.34 1.34 0.00 | 26.05 1.45 0.00 | 24.78 1.48 0.00 | 22.68 1.30 0.00 | 22.20 1.26 0.00 | 22.20 1.26 0.00 | 26.27 1.53 -2.97 | 32.78 2.20 -0.68 | 34.08 2.39 -0.87 | 34.84 2.28 -6.03 | 29.79 2.34 0.00 | 28.13 2.10 0.00 | 37.69 2.64 0.00 | 34.68 2.34 0.00 | 31.31 2.12 0.00 | 25.77 1.78 0.00 | 26.41 1.74 -0.29 | 23.77 1.42 0.00 |
| BABYLON__69_KV_BK2 356345 | 21.92 1.39 0.00 | 19.97 1.20 0.00 | 17.30 1.08 0.00 | 19.29 1.10 0.00 | 21.69 1.24 0.00 | 22.39 1.38 0.00 | 24.56 1.56 0.00 | 26.29 1.69 0.00 | 25.03 1.72 0.00 | 22.92 1.54 0.00 | 22.43 1.49 0.00 | 22.43 1.49 0.00 | 26.54 1.80 -2.96 | 33.17 2.59 -0.68 | 34.66 2.97 -0.87 | 35.42 2.85 -6.03 | 30.46 3.01 0.00 | 28.83 2.80 0.00 | 38.63 3.57 0.00 | 35.53 3.19 0.00 | 32.07 2.88 0.00 | 26.26 2.26 0.00 | 26.71 2.04 -0.29 | 24.01 1.66 0.00 |
| BALL_HILL_WT_PWR 323825 | 19.45 -1.09 0.00 | 17.88 -0.90 0.00 | 15.38 -0.84 0.00 | 17.27 -0.91 0.00 | 19.44 -1.01 0.00 | 19.99 -1.02 0.00 | 22.00 -0.99 0.00 | 23.56 -1.04 0.00 | 22.32 -0.99 0.00 | 20.78 -0.61 0.00 | 20.34 -0.61 0.00 | 20.34 -0.61 0.00 | 21.47 -0.31 0.00 | 29.83 -0.07 0.00 | 30.51 -0.31 0.00 | 26.26 -0.27 0.00 | 26.80 -0.65 0.00 | 25.21 -0.82 0.00 | 34.09 -0.96 0.00 | 31.26 -1.08 0.00 | 28.13 -1.06 0.00 | 23.20 -0.80 0.00 | 23.54 -0.84 0.00 | 21.36 -0.99 0.00 |
| BARON_WINDS___WT_PWR 323822 | 19.67 -0.87 0.00 | 18.00 -0.77 0.00 | 15.53 -0.69 0.00 | 17.44 -0.74 0.00 | 19.68 -0.77 0.00 | 20.19 -0.82 0.00 | 22.22 -0.78 0.00 | 23.85 -0.75 0.00 | 22.63 -0.67 0.00 | 20.96 -0.43 0.00 | 20.50 -0.44 0.00 | 20.50 -0.44 0.00 | 21.51 -0.27 0.00 | 29.86 -0.05 0.00 | 30.71 -0.11 0.00 | 26.53 0.00 0.00 | 27.26 -0.19 0.00 | 25.70 -0.33 0.00 | 34.66 -0.39 0.00 | 31.89 -0.45 0.00 | 28.68 -0.50 0.00 | 23.62 -0.38 0.00 | 23.89 -0.49 0.00 | 21.69 -0.66 0.00 |
| BARRETT_IC_1 23704 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT_IC_10 23701 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT_IC_11 23702 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT_IC_12 23703 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT_IC_2 23705 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT_IC_3 23706 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT_IC_4 23707 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_5 23708 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT_IC_6 23709 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT_IC_7 23710 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.12 1.38 -2.96 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.68 1.69 0.00 | 26.21 1.54 -0.29 | 23.65 1.29 0.00 |
| BARRETT_IC_8 23711 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT_IC_9 23700 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT___1 23545 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BARRETT___2 23546 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.14 0.00 | 25.79 1.18 0.00 | 24.50 1.20 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 26.13 1.38 -2.97 | 32.63 2.05 -0.68 | 34.04 2.35 -0.87 | 34.83 2.27 -6.03 | 29.74 2.29 0.00 | 28.08 2.05 0.00 | 37.62 2.57 0.00 | 34.62 2.28 0.00 | 31.27 2.09 0.00 | 25.69 1.69 0.00 | 26.21 1.54 -0.29 | 23.64 1.29 0.00 |
| BATAVIA___115KV_TB1 55881 | 19.84 -0.70 0.00 | 18.20 -0.57 0.00 | 15.63 -0.59 0.00 | 17.53 -0.65 0.00 | 19.74 -0.71 0.00 | 20.29 -0.71 0.00 | 22.33 -0.67 0.00 | 23.89 -0.72 0.00 | 22.56 -0.74 0.00 | 20.88 -0.50 0.00 | 20.44 -0.50 0.00 | 20.44 -0.50 0.00 | 21.48 -0.29 0.00 | 29.84 -0.06 0.00 | 30.49 -0.33 0.00 | 26.25 -0.27 0.00 | 26.85 -0.61 0.00 | 25.30 -0.72 0.00 | 34.54 -0.51 0.00 | 31.73 -0.61 0.00 | 28.63 -0.55 0.00 | 23.56 -0.43 0.00 | 23.86 -0.52 0.00 | 21.67 -0.68 0.00 |
| BAYONEEC___CTG1 323682 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |
| BAYONEEC___CTG10 323750 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |
| BAYONEEC___CTG2 323683 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |
| BAYONEEC___CTG3 323684 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |
| BAYONEEC___CTG4 323685 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |
| BAYONEEC___CTG5 323686 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |
| BAYONEEC___CTG6 323687 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |
| BAYONEEC___CTG8 323689 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |
| BAYONEEC___CTG9 323749 | 21.37 0.83 0.00 | 19.51 0.74 0.00 | 16.89 0.67 0.00 | 18.86 0.68 0.00 | 21.20 0.75 0.00 | 21.81 0.80 0.00 | 23.86 0.86 0.00 | 25.56 0.95 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.20 0.00 | 31.66 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.07 0.00 | 29.64 2.19 0.00 | 28.07 2.04 0.00 | 37.58 2.53 0.00 | 34.59 2.26 0.00 | 31.19 2.01 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.46 1.10 0.00 |
| BEACON___LESR 323632 | 21.05 0.52 0.00 | 19.26 0.48 0.00 | 16.71 0.48 0.00 | 18.66 0.48 0.00 | 20.97 0.52 0.00 | 21.51 0.50 0.00 | 23.48 0.48 0.00 | 25.08 0.48 0.00 | 23.78 0.48 0.00 | 21.71 0.32 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.09 0.31 0.00 | 30.28 0.37 0.00 | 31.52 0.70 0.00 | 27.22 0.70 0.00 | 28.41 0.96 0.00 | 26.91 0.88 0.00 | 36.30 1.25 0.00 | 33.57 1.24 0.00 | 30.26 1.08 0.00 | 24.79 0.79 0.00 | 24.92 0.54 0.00 | 22.77 0.42 0.00 |
| BEAVER RIVER___HYD 24048 | 19.39 -1.14 0.00 | 17.65 -1.12 0.00 | 15.19 -1.04 0.00 | 17.15 -1.04 0.00 | 19.43 -1.02 0.00 | 20.02 -0.98 0.00 | 22.09 -0.90 0.00 | 23.90 -0.70 0.00 | 22.76 -0.54 0.00 | 20.90 -0.48 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.11 -0.66 0.00 | 28.90 -1.00 0.00 | 29.74 -1.08 0.00 | 25.48 -1.04 0.00 | 26.19 -1.26 0.00 | 25.19 -0.84 0.00 | 34.30 -0.75 0.00 | 31.64 -0.69 0.00 | 28.49 -0.70 0.00 | 23.38 -0.61 0.00 | 23.84 -0.54 0.00 | 21.79 -0.57 0.00 |
| BEEBEE_GT_13 23619 | 19.83 -0.71 0.00 | 18.16 -0.61 0.00 | 15.64 -0.59 0.00 | 17.53 -0.65 0.00 | 19.72 -0.73 0.00 | 20.28 -0.73 0.00 | 22.26 -0.74 0.00 | 23.81 -0.79 0.00 | 22.53 -0.77 0.00 | 20.86 -0.53 0.00 | 20.42 -0.52 0.00 | 20.42 -0.52 0.00 | 21.42 -0.35 0.00 | 29.65 -0.25 0.00 | 30.43 -0.39 0.00 | 26.20 -0.33 0.00 | 26.89 -0.56 0.00 | 25.41 -0.62 0.00 | 34.43 -0.63 0.00 | 31.62 -0.72 0.00 | 28.48 -0.70 0.00 | 23.41 -0.58 0.00 | 23.73 -0.65 0.00 | 21.62 -0.73 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 21.57 1.03 0.00 | 19.69 0.92 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 21.99 0.99 0.00 | 24.09 1.09 0.00 | 25.82 1.22 0.00 | 24.63 1.33 0.00 | 22.62 1.23 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 23.28 1.51 0.00 | 32.15 2.25 0.00 | 33.43 2.62 0.00 | 29.04 2.51 0.00 | 30.09 2.63 0.00 | 28.46 2.43 0.00 | 38.12 3.07 0.00 | 35.09 2.76 0.00 | 31.63 2.44 0.00 | 25.94 1.95 0.00 | 25.99 1.61 0.00 | 23.76 1.41 0.00 |
| BETHLEHEM___GRP 23843 | 20.82 0.28 0.00 | 19.07 0.30 0.00 | 16.57 0.34 0.00 | 18.51 0.33 0.00 | 20.77 0.32 0.00 | 21.27 0.26 0.00 | 23.19 0.19 0.00 | 24.76 0.16 0.00 | 23.50 0.20 0.00 | 21.48 0.09 0.00 | 21.03 0.08 0.00 | 21.03 0.08 0.00 | 21.83 0.05 0.00 | 29.84 -0.06 0.00 | 31.00 0.18 0.00 | 26.81 0.28 0.00 | 27.91 0.46 0.00 | 26.47 0.45 0.00 | 35.62 0.56 0.00 | 33.02 0.68 0.00 | 29.79 0.61 0.00 | 24.41 0.42 0.00 | 24.54 0.16 0.00 | 22.47 0.11 0.00 |
| BETHLEHEM___GS1 323560 | 20.82 0.28 0.00 | 19.07 0.30 0.00 | 16.57 0.34 0.00 | 18.51 0.33 0.00 | 20.77 0.32 0.00 | 21.27 0.26 0.00 | 23.18 0.19 0.00 | 24.76 0.16 0.00 | 23.50 0.20 0.00 | 21.48 0.09 0.00 | 21.03 0.08 0.00 | 21.03 0.08 0.00 | 21.83 0.05 0.00 | 29.84 -0.06 0.00 | 31.00 0.19 0.00 | 26.81 0.28 0.00 | 27.91 0.46 0.00 | 26.47 0.45 0.00 | 35.61 0.56 0.00 | 33.02 0.68 0.00 | 29.79 0.61 0.00 | 24.41 0.42 0.00 | 24.54 0.15 0.00 | 22.47 0.11 0.00 |
| BETHLEHEM___GS2 323561 | 20.82 0.28 0.00 | 19.07 0.30 0.00 | 16.57 0.34 0.00 | 18.51 0.33 0.00 | 20.77 0.32 0.00 | 21.27 0.26 0.00 | 23.18 0.19 0.00 | 24.76 0.16 0.00 | 23.50 0.20 0.00 | 21.48 0.09 0.00 | 21.03 0.08 0.00 | 21.03 0.08 0.00 | 21.83 0.05 0.00 | 29.84 -0.06 0.00 | 31.00 0.19 0.00 | 26.81 0.28 0.00 | 27.91 0.46 0.00 | 26.47 0.45 0.00 | 35.61 0.56 0.00 | 33.02 0.68 0.00 | 29.79 0.61 0.00 | 24.41 0.42 0.00 | 24.54 0.15 0.00 | 22.47 0.11 0.00 |
| BETHLEHEM___GS3 323562 | 20.82 0.28 0.00 | 19.07 0.30 0.00 | 16.57 0.34 0.00 | 18.51 0.33 0.00 | 20.77 0.32 0.00 | 21.27 0.26 0.00 | 23.18 0.19 0.00 | 24.76 0.16 0.00 | 23.50 0.20 0.00 | 21.48 0.09 0.00 | 21.03 0.08 0.00 | 21.03 0.08 0.00 | 21.83 0.05 0.00 | 29.84 -0.06 0.00 | 31.00 0.19 0.00 | 26.81 0.28 0.00 | 27.91 0.46 0.00 | 26.47 0.45 0.00 | 35.61 0.56 0.00 | 33.02 0.68 0.00 | 29.79 0.61 0.00 | 24.41 0.42 0.00 | 24.54 0.15 0.00 | 22.47 0.11 0.00 |
| BETHLEHEM___STEEL 23779 | 19.43 -1.11 0.00 | 17.83 -0.94 0.00 | 15.33 -0.89 0.00 | 17.20 -0.99 0.00 | 19.36 -1.09 0.00 | 19.90 -1.11 0.00 | 21.89 -1.11 0.00 | 23.43 -1.17 0.00 | 22.21 -1.10 0.00 | 20.69 -0.69 0.00 | 20.27 -0.67 0.00 | 20.27 -0.67 0.00 | 21.38 -0.39 0.00 | 29.68 -0.22 0.00 | 30.33 -0.49 0.00 | 26.07 -0.46 0.00 | 26.59 -0.87 0.00 | 25.02 -1.01 0.00 | 33.89 -1.16 0.00 | 31.05 -1.29 0.00 | 27.97 -1.22 0.00 | 23.06 -0.93 0.00 | 23.42 -0.97 0.00 | 21.28 -1.07 0.00 |
| BETHLHEM_115KV_TB1 79974 | 20.86 0.32 0.00 | 19.11 0.33 0.00 | 16.59 0.36 0.00 | 18.54 0.36 0.00 | 20.80 0.36 0.00 | 21.32 0.31 0.00 | 23.25 0.25 0.00 | 24.82 0.21 0.00 | 23.56 0.26 0.00 | 21.52 0.14 0.00 | 21.07 0.13 0.00 | 21.07 0.13 0.00 | 21.88 0.10 0.00 | 29.93 0.03 0.00 | 31.09 0.27 0.00 | 26.89 0.36 0.00 | 27.98 0.52 0.00 | 26.55 0.51 0.00 | 35.71 0.65 0.00 | 33.09 0.75 0.00 | 29.86 0.67 0.00 | 24.46 0.47 0.00 | 24.60 0.21 0.00 | 22.52 0.17 0.00 |
| BETHPAGE_CC_5 323564 | 21.71 1.17 0.00 | 19.80 1.03 0.00 | 17.14 0.91 0.00 | 19.11 0.93 0.00 | 21.49 1.04 0.00 | 22.17 1.17 0.00 | 24.32 1.32 0.00 | 26.01 1.41 0.00 | 24.76 1.46 0.00 | 22.66 1.27 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 26.26 1.52 -2.97 | 32.73 2.15 -0.68 | 34.15 2.46 -0.87 | 34.93 2.37 -6.03 | 29.88 2.43 0.00 | 28.26 2.23 0.00 | 37.84 2.79 0.00 | 34.82 2.48 0.00 | 31.41 2.23 0.00 | 25.78 1.79 0.00 | 26.32 1.65 -0.29 | 23.72 1.37 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 19.51 -1.04 0.00 | 17.90 -0.87 0.00 | 15.39 -0.83 0.00 | 17.27 -0.91 0.00 | 19.43 -1.02 0.00 | 19.98 -1.03 0.00 | 21.98 -1.02 0.00 | 23.54 -1.07 0.00 | 22.31 -0.99 0.00 | 20.79 -0.60 0.00 | 20.36 -0.59 0.00 | 20.36 -0.59 0.00 | 21.48 -0.30 0.00 | 29.82 -0.08 0.00 | 30.48 -0.33 0.00 | 26.21 -0.32 0.00 | 26.75 -0.71 0.00 | 25.16 -0.87 0.00 | 34.07 -0.98 0.00 | 31.21 -1.13 0.00 | 28.11 -1.08 0.00 | 23.17 -0.82 0.00 | 23.52 -0.86 0.00 | 21.37 -0.98 0.00 |

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| BINGHAMTON___COGEN 23790 | 20.38 -0.16 0.00 | 18.63 -0.14 0.00 | 16.09 -0.13 0.00 | 18.04 -0.14 0.00 | 20.30 -0.15 0.00 | 20.86 -0.15 0.00 | 22.89 -0.11 0.00 | 24.49 -0.11 0.00 | 23.20 -0.10 0.00 | 21.33 -0.06 0.00 | 20.86 -0.08 0.00 | 20.86 -0.08 0.00 | 21.78 0.01 0.00 | 30.10 0.20 0.00 | 31.04 0.22 0.00 | 26.84 0.31 0.00 | 27.74 0.28 0.00 | 26.23 0.20 0.00 | 35.31 0.25 0.00 | 32.55 0.21 0.00 | 29.30 0.11 0.00 | 24.10 0.11 0.00 | 24.35 -0.03 0.00 | 22.19 -0.17 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 19.67 -0.87 0.00 | 18.03 -0.75 0.00 | 15.49 -0.74 0.00 | 17.43 -0.76 0.00 | 19.62 -0.83 0.00 | 20.22 -0.79 0.00 | 22.31 -0.69 0.00 | 23.97 -0.63 0.00 | 22.73 -0.57 0.00 | 21.13 -0.26 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.77 0.00 0.00 | 30.24 0.33 0.00 | 30.92 0.11 0.00 | 26.64 0.12 0.00 | 27.24 -0.22 0.00 | 25.60 -0.43 0.00 | 34.60 -0.45 0.00 | 31.73 -0.61 0.00 | 28.53 -0.66 0.00 | 23.49 -0.50 0.00 | 23.84 -0.55 0.00 | 21.69 -0.67 0.00 |
| BLACK RIVER___HYD 24047 | 19.21 -1.33 0.00 | 17.46 -1.31 0.00 | 15.01 -1.21 0.00 | 16.99 -1.20 0.00 | 19.28 -1.17 0.00 | 19.84 -1.16 0.00 | 21.92 -1.07 0.00 | 23.73 -0.87 0.00 | 22.64 -0.66 0.00 | 20.79 -0.60 0.00 | 20.36 -0.59 0.00 | 20.36 -0.59 0.00 | 20.95 -0.82 0.00 | 28.67 -1.23 0.00 | 29.46 -1.36 0.00 | 25.26 -1.27 0.00 | 25.93 -1.53 0.00 | 25.03 -1.00 0.00 | 34.18 -0.88 0.00 | 31.54 -0.80 0.00 | 28.39 -0.80 0.00 | 23.28 -0.71 0.00 | 23.71 -0.67 0.00 | 21.66 -0.69 0.00 |
| BLACKRVR_115KV_TB2 79977 | 19.21 -1.33 0.00 | 17.46 -1.31 0.00 | 15.01 -1.21 0.00 | 16.99 -1.20 0.00 | 19.28 -1.17 0.00 | 19.84 -1.16 0.00 | 21.92 -1.07 0.00 | 23.73 -0.87 0.00 | 22.63 -0.67 0.00 | 20.79 -0.60 0.00 | 20.36 -0.59 0.00 | 20.36 -0.59 0.00 | 20.95 -0.82 0.00 | 28.67 -1.23 0.00 | 29.46 -1.36 0.00 | 25.26 -1.27 0.00 | 25.92 -1.53 0.00 | 25.03 -1.00 0.00 | 34.18 -0.88 0.00 | 31.54 -0.80 0.00 | 28.39 -0.80 0.00 | 23.28 -0.71 0.00 | 23.71 -0.68 0.00 | 21.66 -0.69 0.00 |
| BLISS_WT_PWR 323608 | 19.63 -0.91 0.00 | 17.98 -0.79 0.00 | 15.45 -0.78 0.00 | 17.39 -0.79 0.00 | 19.57 -0.87 0.00 | 20.19 -0.81 0.00 | 22.30 -0.70 0.00 | 23.98 -0.63 0.00 | 22.74 -0.57 0.00 | 21.14 -0.24 0.00 | 20.69 -0.25 0.00 | 20.69 -0.25 0.00 | 21.78 0.01 0.00 | 30.25 0.34 0.00 | 30.94 0.12 0.00 | 26.66 0.13 0.00 | 27.24 -0.21 0.00 | 25.60 -0.43 0.00 | 34.60 -0.46 0.00 | 31.72 -0.62 0.00 | 28.52 -0.66 0.00 | 23.47 -0.52 0.00 | 23.84 -0.54 0.00 | 21.69 -0.67 0.00 |
| BLUESTONE___WT_PWR 323821 | 21.27 0.73 0.00 | 19.42 0.65 0.00 | 16.76 0.53 0.00 | 18.70 0.52 0.00 | 21.10 0.65 0.00 | 21.77 0.76 0.00 | 23.98 0.98 0.00 | 25.68 1.07 0.00 | 24.25 0.95 0.00 | 22.14 0.75 0.00 | 21.63 0.69 0.00 | 21.63 0.69 0.00 | 22.51 0.74 0.00 | 31.14 1.23 0.00 | 32.00 1.19 0.00 | 27.64 1.11 0.00 | 28.71 1.25 0.00 | 27.32 1.29 0.00 | 36.97 1.92 0.00 | 34.18 1.84 0.00 | 30.79 1.61 0.00 | 25.26 1.27 0.00 | 25.44 1.06 0.00 | 23.18 0.83 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 21.11 0.57 0.00 | 19.34 0.57 0.00 | 16.78 0.56 0.00 | 18.79 0.60 0.00 | 21.09 0.64 0.00 | 21.63 0.62 0.00 | 23.58 0.58 0.00 | 25.16 0.56 0.00 | 23.81 0.51 0.00 | 21.73 0.33 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.01 0.23 0.00 | 30.14 0.23 0.00 | 31.22 0.41 0.00 | 27.05 0.53 0.00 | 28.19 0.73 0.00 | 26.76 0.73 0.00 | 36.06 1.00 0.00 | 33.45 1.11 0.00 | 30.18 1.00 0.00 | 24.72 0.72 0.00 | 24.87 0.49 0.00 | 22.78 0.43 0.00 |
| BOC_GAS_DRP 24189 | 20.94 0.40 0.00 | 19.16 0.39 0.00 | 16.61 0.39 0.00 | 18.60 0.41 0.00 | 20.88 0.43 0.00 | 21.41 0.40 0.00 | 23.37 0.37 0.00 | 24.97 0.37 0.00 | 23.68 0.38 0.00 | 21.65 0.26 0.00 | 21.20 0.25 0.00 | 21.20 0.25 0.00 | 22.02 0.24 0.00 | 30.19 0.28 0.00 | 31.31 0.49 0.00 | 27.08 0.55 0.00 | 28.13 0.68 0.00 | 26.68 0.66 0.00 | 35.89 0.84 0.00 | 33.22 0.88 0.00 | 29.96 0.77 0.00 | 24.55 0.56 0.00 | 24.70 0.32 0.00 | 22.63 0.28 0.00 |
| BOONVILLE_115KV_TB1 79983 | 20.30 -0.23 0.00 | 18.52 -0.25 0.00 | 15.97 -0.25 0.00 | 17.96 -0.22 0.00 | 20.27 -0.18 0.00 | 20.87 -0.14 0.00 | 22.93 -0.06 0.00 | 24.66 0.05 0.00 | 23.40 0.10 0.00 | 21.47 0.08 0.00 | 21.01 0.06 0.00 | 21.01 0.06 0.00 | 21.77 -0.01 0.00 | 29.85 -0.06 0.00 | 30.81 -0.01 0.00 | 26.49 -0.04 0.00 | 27.37 -0.09 0.00 | 26.15 0.12 0.00 | 35.46 0.41 0.00 | 32.69 0.35 0.00 | 29.48 0.29 0.00 | 24.23 0.23 0.00 | 24.58 0.19 0.00 | 22.45 0.10 0.00 |
| BORALEX_4TH_BRANCH 23824 | 21.72 1.19 0.00 | 19.87 1.10 0.00 | 17.24 1.02 0.00 | 19.30 1.12 0.00 | 21.66 1.21 0.00 | 22.12 1.11 0.00 | 24.11 1.12 0.00 | 25.76 1.16 0.00 | 24.27 0.97 0.00 | 21.99 0.61 0.00 | 21.51 0.57 0.00 | 21.51 0.57 0.00 | 22.26 0.49 0.00 | 30.49 0.58 0.00 | 31.80 0.98 0.00 | 27.36 0.83 0.00 | 28.52 1.07 0.00 | 27.09 1.06 0.00 | 36.58 1.52 0.00 | 34.22 1.88 0.00 | 30.90 1.72 0.00 | 25.34 1.34 0.00 | 25.41 1.02 0.00 | 23.30 0.95 0.00 |
| BOWLINE___1 23526 | 21.19 0.65 0.00 | 19.35 0.57 0.00 | 16.74 0.52 0.00 | 18.70 0.52 0.00 | 21.03 0.59 0.00 | 21.64 0.64 0.00 | 23.68 0.68 0.00 | 25.38 0.77 0.00 | 24.14 0.84 0.00 | 22.12 0.73 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.73 0.96 0.00 | 31.34 1.44 0.00 | 32.56 1.74 0.00 | 28.27 1.74 0.00 | 29.30 1.85 0.00 | 27.76 1.73 0.00 | 37.22 2.17 0.00 | 34.28 1.94 0.00 | 30.88 1.70 0.00 | 25.33 1.33 0.00 | 25.41 1.02 0.00 | 23.24 0.88 0.00 |
| BOWLINE___2 23595 | 21.19 0.65 0.00 | 19.35 0.57 0.00 | 16.75 0.52 0.00 | 18.70 0.52 0.00 | 21.03 0.59 0.00 | 21.64 0.64 0.00 | 23.68 0.68 0.00 | 25.38 0.77 0.00 | 24.14 0.84 0.00 | 22.12 0.73 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.73 0.96 0.00 | 31.34 1.44 0.00 | 32.56 1.74 0.00 | 28.27 1.74 0.00 | 29.30 1.84 0.00 | 27.76 1.73 0.00 | 37.22 2.17 0.00 | 34.28 1.94 0.00 | 30.88 1.70 0.00 | 25.33 1.33 0.00 | 25.41 1.02 0.00 | 23.24 0.88 0.00 |
| BRADY___115KV_TB2 356060 | 20.68 0.14 0.00 | 18.87 0.10 0.00 | 16.27 0.05 0.00 | 18.26 0.07 0.00 | 20.56 0.11 0.00 | 21.16 0.15 0.00 | 23.26 0.26 0.00 | 24.95 0.34 0.00 | 23.48 0.18 0.00 | 21.57 0.18 0.00 | 21.13 0.19 0.00 | 21.13 0.19 0.00 | 21.94 0.16 0.00 | 30.13 0.22 0.00 | 30.86 0.04 0.00 | 26.38 -0.15 0.00 | 27.16 -0.30 0.00 | 25.73 -0.30 0.00 | 34.81 -0.24 0.00 | 32.28 -0.06 0.00 | 29.23 0.05 0.00 | 24.00 0.01 0.00 | 24.68 0.29 0.00 | 22.66 0.30 0.00 |
| BRANSCOMB___SOLAR 323811 | 21.71 1.17 0.00 | 19.91 1.14 0.00 | 17.28 1.05 0.00 | 19.33 1.15 0.00 | 21.65 1.20 0.00 | 22.17 1.16 0.00 | 24.17 1.17 0.00 | 25.79 1.19 0.00 | 24.30 1.00 0.00 | 22.09 0.71 0.00 | 21.61 0.67 0.00 | 21.61 0.67 0.00 | 22.47 0.70 0.00 | 30.90 0.99 0.00 | 32.19 1.37 0.00 | 27.88 1.35 0.00 | 29.09 1.63 0.00 | 27.65 1.62 0.00 | 37.28 2.22 0.00 | 34.62 2.29 0.00 | 31.21 2.02 0.00 | 25.53 1.54 0.00 | 25.67 1.29 0.00 | 23.48 1.13 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 21.81 1.27 0.00 | 19.89 1.11 0.00 | 17.22 1.00 0.00 | 19.20 1.02 0.00 | 21.59 1.15 0.00 | 22.30 1.29 0.00 | 24.47 1.47 0.00 | 26.19 1.59 0.00 | 24.91 1.61 0.00 | 22.81 1.43 0.00 | 22.33 1.38 0.00 | 22.33 1.38 0.00 | 26.40 1.66 -2.96 | 32.96 2.38 -0.68 | 34.44 2.76 -0.87 | 35.24 2.68 -6.03 | 30.30 2.84 0.00 | 28.65 2.63 0.00 | 38.41 3.36 0.00 | 35.35 3.01 0.00 | 31.92 2.74 0.00 | 26.11 2.12 0.00 | 26.53 1.86 -0.29 | 23.85 1.50 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 20.11 -0.43 0.00 | 18.37 -0.40 0.00 | 15.86 -0.36 0.00 | 17.79 -0.40 0.00 | 20.02 -0.43 0.00 | 20.57 -0.43 0.00 | 22.54 -0.46 0.00 | 24.08 -0.52 0.00 | 22.81 -0.49 0.00 | 20.95 -0.44 0.00 | 20.50 -0.44 0.00 | 20.50 -0.44 0.00 | 21.25 -0.52 0.00 | 29.16 -0.74 0.00 | 30.07 -0.74 0.00 | 25.95 -0.58 0.00 | 26.86 -0.60 0.00 | 25.54 -0.49 0.00 | 34.44 -0.61 0.00 | 31.77 -0.57 0.00 | 28.66 -0.52 0.00 | 23.55 -0.44 0.00 | 23.84 -0.55 0.00 | 21.81 -0.55 0.00 |
| BROOKHAVEN___DRP 24191 | 21.53 0.99 0.00 | 19.65 0.87 0.00 | 17.06 0.83 0.00 | 19.01 0.83 0.00 | 21.39 0.95 0.00 | 22.12 1.11 0.00 | 24.29 1.30 0.00 | 25.98 1.38 0.00 | 24.66 1.36 0.00 | 22.59 1.20 0.00 | 22.12 1.17 0.00 | 22.12 1.17 0.00 | 26.13 1.39 -2.96 | 32.56 1.99 -0.68 | 34.08 2.39 -0.87 | 34.93 2.38 -6.03 | 30.00 2.55 0.00 | 28.39 2.36 0.00 | 38.02 2.97 0.00 | 34.99 2.65 0.00 | 31.58 2.40 0.00 | 25.83 1.84 0.00 | 26.27 1.60 -0.29 | 23.59 1.24 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 21.34 0.80 0.00 | 19.50 0.72 0.00 | 16.87 0.65 0.00 | 18.85 0.66 0.00 | 21.19 0.74 0.00 | 21.79 0.78 0.00 | 23.83 0.84 0.00 | 25.54 0.94 0.00 | 24.34 1.04 0.00 | 22.31 0.93 0.00 | 21.84 0.90 0.00 | 21.84 0.90 0.00 | 22.96 1.19 0.00 | 31.66 1.76 0.00 | 32.92 2.10 0.00 | 28.60 2.08 0.00 | 29.64 2.19 0.00 | 28.08 2.05 0.00 | 37.60 2.54 0.00 | 34.60 2.26 0.00 | 31.19 2.00 0.00 | 25.59 1.60 0.00 | 25.66 1.28 0.00 | 23.46 1.11 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 21.75 1.21 0.00 | 19.82 1.05 0.00 | 17.15 0.93 0.00 | 19.14 0.96 0.00 | 21.52 1.07 0.00 | 22.19 1.18 0.00 | 24.32 1.33 0.00 | 25.97 1.37 0.00 | 24.74 1.44 0.00 | 22.68 1.30 0.00 | 22.20 1.26 0.00 | 22.20 1.26 0.00 | 26.35 1.61 -2.96 | 32.93 2.35 -0.68 | 34.41 2.72 -0.87 | 35.18 2.62 -6.03 | 30.19 2.74 0.00 | 28.52 2.49 0.00 | 38.17 3.11 0.00 | 35.10 2.76 0.00 | 31.65 2.46 0.00 | 26.02 2.03 0.00 | 26.46 1.78 -0.29 | 23.84 1.48 0.00 |
| BROOME_2_LFGE 323671 | 20.38 -0.16 0.00 | 18.63 -0.14 0.00 | 16.09 -0.13 0.00 | 18.04 -0.14 0.00 | 20.31 -0.15 0.00 | 20.86 -0.15 0.00 | 22.89 -0.11 0.00 | 24.49 -0.11 0.00 | 23.20 -0.10 0.00 | 21.33 -0.06 0.00 | 20.86 -0.08 0.00 | 20.86 -0.08 0.00 | 21.78 0.01 0.00 | 30.10 0.20 0.00 | 31.04 0.22 0.00 | 26.83 0.31 0.00 | 27.74 0.29 0.00 | 26.23 0.20 0.00 | 35.31 0.25 0.00 | 32.55 0.21 0.00 | 29.30 0.12 0.00 | 24.10 0.11 0.00 | 24.35 -0.03 0.00 | 22.19 -0.17 0.00 |
| BROOME___LFGE 323600 | 20.38 -0.16 0.00 | 18.63 -0.14 0.00 | 16.09 -0.13 0.00 | 18.04 -0.14 0.00 | 20.31 -0.15 0.00 | 20.86 -0.15 0.00 | 22.89 -0.11 0.00 | 24.49 -0.11 0.00 | 23.20 -0.10 0.00 | 21.33 -0.06 0.00 | 20.86 -0.08 0.00 | 20.86 -0.08 0.00 | 21.78 0.01 0.00 | 30.10 0.20 0.00 | 31.04 0.22 0.00 | 26.83 0.31 0.00 | 27.74 0.29 0.00 | 26.23 0.20 0.00 | 35.31 0.25 0.00 | 32.55 0.21 0.00 | 29.30 0.12 0.00 | 24.10 0.11 0.00 | 24.35 -0.03 0.00 | 22.19 -0.17 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 19.61 -0.93 0.00 | 17.86 -0.91 0.00 | 15.38 -0.85 0.00 | 17.32 -0.86 0.00 | 19.58 -0.87 0.00 | 20.17 -0.84 0.00 | 22.22 -0.78 0.00 | 24.00 -0.60 0.00 | 22.77 -0.53 0.00 | 20.90 -0.48 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.18 -0.60 0.00 | 29.04 -0.87 0.00 | 29.83 -0.99 0.00 | 25.53 -1.00 0.00 | 26.24 -1.22 0.00 | 25.09 -0.93 0.00 | 34.08 -0.97 0.00 | 31.46 -0.88 0.00 | 28.37 -0.82 0.00 | 23.24 -0.75 0.00 | 23.81 -0.58 0.00 | 21.82 -0.54 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 21.56 1.02 0.00 | 19.68 0.90 0.00 | 17.03 0.81 0.00 | 19.01 0.84 0.00 | 21.37 0.93 0.00 | 21.99 0.98 0.00 | 24.08 1.08 0.00 | 25.80 1.20 0.00 | 24.60 1.30 0.00 | 22.58 1.19 0.00 | 22.12 1.17 0.00 | 22.12 1.17 0.00 | 23.22 1.45 0.00 | 32.02 2.11 0.00 | 33.29 2.47 0.00 | 28.91 2.39 0.00 | 29.98 2.52 0.00 | 28.39 2.36 0.00 | 38.01 2.95 0.00 | 34.98 2.64 0.00 | 31.53 2.35 0.00 | 25.86 1.87 0.00 | 25.93 1.55 0.00 | 23.69 1.34 0.00 |
| BURROWS___LYONSDAL 23803 | 20.05 -0.49 0.00 | 18.28 -0.49 0.00 | 15.75 -0.47 0.00 | 17.74 -0.44 0.00 | 20.03 -0.41 0.00 | 20.64 -0.36 0.00 | 22.71 -0.29 0.00 | 24.47 -0.14 0.00 | 23.25 -0.05 0.00 | 21.34 -0.04 0.00 | 20.88 -0.06 0.00 | 20.88 -0.06 0.00 | 21.62 -0.16 0.00 | 29.63 -0.28 0.00 | 30.56 -0.26 0.00 | 26.26 -0.27 0.00 | 27.07 -0.38 0.00 | 25.91 -0.12 0.00 | 35.18 0.13 0.00 | 32.43 0.09 0.00 | 29.22 0.04 0.00 | 24.01 0.02 0.00 | 24.40 0.01 0.00 | 22.28 -0.07 0.00 |
| CAITHNESS_CC_1 323624 | 21.54 1.00 0.00 | 19.66 0.88 0.00 | 17.05 0.83 0.00 | 19.01 0.83 0.00 | 21.39 0.94 0.00 | 22.10 1.09 0.00 | 24.27 1.27 0.00 | 25.96 1.36 0.00 | 24.65 1.35 0.00 | 22.57 1.18 0.00 | 22.10 1.15 0.00 | 22.10 1.15 0.00 | 26.12 1.38 -2.97 | 32.54 1.96 -0.68 | 34.05 2.36 -0.87 | 34.91 2.35 -6.03 | 29.96 2.51 0.00 | 28.34 2.31 0.00 | 37.96 2.91 0.00 | 34.94 2.60 0.00 | 31.54 2.36 0.00 | 25.81 1.82 0.00 | 26.24 1.57 -0.29 | 23.58 1.23 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 21.71 1.18 0.00 | 19.80 1.03 0.00 | 17.14 0.91 0.00 | 19.11 0.93 0.00 | 21.49 1.04 0.00 | 22.17 1.16 0.00 | 24.31 1.31 0.00 | 26.00 1.40 0.00 | 24.76 1.46 0.00 | 22.67 1.28 0.00 | 22.18 1.24 0.00 | 22.18 1.24 0.00 | 26.27 1.54 -2.96 | 32.75 2.17 -0.68 | 34.16 2.48 -0.87 | 34.93 2.37 -6.03 | 29.84 2.39 0.00 | 28.23 2.20 0.00 | 37.81 2.75 0.00 | 34.78 2.45 0.00 | 31.38 2.19 0.00 | 25.76 1.76 0.00 | 26.36 1.69 -0.29 | 23.75 1.40 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 21.71 1.18 0.00 | 19.80 1.03 0.00 | 17.14 0.91 0.00 | 19.11 0.93 0.00 | 21.49 1.04 0.00 | 22.17 1.17 0.00 | 24.31 1.31 0.00 | 26.00 1.40 0.00 | 24.76 1.46 0.00 | 22.67 1.28 0.00 | 22.18 1.24 0.00 | 22.18 1.24 0.00 | 26.28 1.54 -2.97 | 32.75 2.17 -0.68 | 34.16 2.48 -0.87 | 34.93 2.37 -6.03 | 29.84 2.39 0.00 | 28.23 2.20 0.00 | 37.81 2.75 0.00 | 34.79 2.45 0.00 | 31.37 2.19 0.00 | 25.76 1.77 0.00 | 26.36 1.69 -0.29 | 23.75 1.40 0.00 |
| CALPINE_BP_GT1 23823 | 21.71 1.18 0.00 | 19.80 1.03 0.00 | 17.14 0.91 0.00 | 19.11 0.93 0.00 | 21.49 1.04 0.00 | 22.17 1.17 0.00 | 24.31 1.31 0.00 | 26.00 1.40 0.00 | 24.76 1.46 0.00 | 22.67 1.28 0.00 | 22.18 1.24 0.00 | 22.18 1.24 0.00 | 26.28 1.54 -2.97 | 32.75 2.17 -0.68 | 34.16 2.48 -0.87 | 34.93 2.37 -6.03 | 29.84 2.39 0.00 | 28.23 2.20 0.00 | 37.81 2.75 0.00 | 34.79 2.45 0.00 | 31.37 2.19 0.00 | 25.76 1.77 0.00 | 26.36 1.69 -0.29 | 23.75 1.40 0.00 |
| CALSPAN___DRP 24200 | 19.43 -1.11 0.00 | 17.83 -0.94 0.00 | 15.33 -0.89 0.00 | 17.20 -0.99 0.00 | 19.36 -1.09 0.00 | 19.90 -1.11 0.00 | 21.89 -1.11 0.00 | 23.43 -1.17 0.00 | 22.21 -1.10 0.00 | 20.69 -0.69 0.00 | 20.27 -0.67 0.00 | 20.27 -0.67 0.00 | 21.38 -0.39 0.00 | 29.68 -0.22 0.00 | 30.33 -0.49 0.00 | 26.07 -0.46 0.00 | 26.59 -0.87 0.00 | 25.02 -1.01 0.00 | 33.89 -1.16 0.00 | 31.05 -1.29 0.00 | 27.97 -1.22 0.00 | 23.06 -0.93 0.00 | 23.42 -0.97 0.00 | 21.28 -1.07 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CALVERTON___SOLAR 323806 | 21.55 1.01 0.00 | 19.66 0.88 0.00 | 17.08 0.85 0.00 | 19.04 0.85 0.00 | 21.42 0.97 0.00 | 22.16 1.15 0.00 | 24.34 1.35 0.00 | 26.03 1.43 0.00 | 24.70 1.40 0.00 | 22.63 1.24 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 26.18 1.44 -2.97 | 32.63 2.05 -0.68 | 34.16 2.47 -0.87 | 35.01 2.45 -6.03 | 30.10 2.64 0.00 | 28.49 2.46 0.00 | 38.15 3.09 0.00 | 35.10 2.76 0.00 | 31.66 2.48 0.00 | 25.91 1.91 0.00 | 26.32 1.65 -0.29 | 23.63 1.27 0.00 |
| CANDIGU_WT_PWR 323617 | 19.67 -0.87 0.00 | 18.00 -0.77 0.00 | 15.53 -0.69 0.00 | 17.44 -0.74 0.00 | 19.68 -0.77 0.00 | 20.19 -0.82 0.00 | 22.22 -0.78 0.00 | 23.85 -0.75 0.00 | 22.63 -0.67 0.00 | 20.96 -0.43 0.00 | 20.50 -0.44 0.00 | 20.50 -0.44 0.00 | 21.51 -0.27 0.00 | 29.86 -0.05 0.00 | 30.71 -0.11 0.00 | 26.53 0.00 0.00 | 27.26 -0.19 0.00 | 25.70 -0.33 0.00 | 34.66 -0.39 0.00 | 31.89 -0.45 0.00 | 28.68 -0.50 0.00 | 23.62 -0.38 0.00 | 23.89 -0.49 0.00 | 21.69 -0.66 0.00 |
| CARR STREET_E_SYR 24060 | 20.25 -0.29 0.00 | 18.51 -0.27 0.00 | 15.98 -0.25 0.00 | 17.92 -0.27 0.00 | 20.16 -0.28 0.00 | 20.72 -0.29 0.00 | 22.70 -0.29 0.00 | 24.27 -0.33 0.00 | 23.00 -0.31 0.00 | 21.14 -0.25 0.00 | 20.69 -0.25 0.00 | 20.69 -0.25 0.00 | 21.50 -0.27 0.00 | 29.54 -0.37 0.00 | 30.47 -0.35 0.00 | 26.28 -0.24 0.00 | 27.20 -0.25 0.00 | 25.80 -0.22 0.00 | 34.79 -0.27 0.00 | 32.06 -0.28 0.00 | 28.91 -0.27 0.00 | 23.76 -0.23 0.00 | 24.05 -0.34 0.00 | 21.99 -0.36 0.00 |
| CARTHAGE___PAPER 23857 | 19.43 -1.11 0.00 | 17.67 -1.10 0.00 | 15.20 -1.03 0.00 | 17.17 -1.01 0.00 | 19.47 -0.97 0.00 | 20.06 -0.95 0.00 | 22.15 -0.84 0.00 | 23.98 -0.63 0.00 | 22.84 -0.47 0.00 | 20.93 -0.46 0.00 | 20.48 -0.46 0.00 | 20.48 -0.46 0.00 | 21.11 -0.66 0.00 | 28.89 -1.01 0.00 | 29.70 -1.12 0.00 | 25.47 -1.06 0.00 | 26.17 -1.29 0.00 | 25.23 -0.80 0.00 | 34.47 -0.59 0.00 | 31.83 -0.51 0.00 | 28.66 -0.52 0.00 | 23.52 -0.48 0.00 | 23.96 -0.42 0.00 | 21.89 -0.46 0.00 |
| CASSADAGA_WT_PWR 323784 | 19.74 -0.80 0.00 | 18.18 -0.59 0.00 | 15.68 -0.54 0.00 | 17.62 -0.57 0.00 | 19.85 -0.60 0.00 | 20.44 -0.57 0.00 | 22.54 -0.46 0.00 | 24.20 -0.41 0.00 | 22.91 -0.39 0.00 | 21.32 -0.07 0.00 | 20.86 -0.08 0.00 | 20.86 -0.08 0.00 | 22.03 0.25 0.00 | 30.63 0.73 0.00 | 31.35 0.53 0.00 | 27.01 0.48 0.00 | 27.57 0.12 0.00 | 25.92 -0.11 0.00 | 35.04 -0.02 0.00 | 32.16 -0.18 0.00 | 28.91 -0.27 0.00 | 23.82 -0.17 0.00 | 24.13 -0.25 0.00 | 21.87 -0.49 0.00 |
| CE_DUNWOOD___DRP 24194 | 21.32 0.78 0.00 | 19.47 0.69 0.00 | 16.85 0.63 0.00 | 18.82 0.64 0.00 | 21.16 0.71 0.00 | 21.77 0.77 0.00 | 23.82 0.82 0.00 | 25.52 0.91 0.00 | 24.28 0.98 0.00 | 22.26 0.88 0.00 | 21.80 0.86 0.00 | 21.80 0.86 0.00 | 22.86 1.08 0.00 | 31.49 1.59 0.00 | 32.73 1.91 0.00 | 28.42 1.89 0.00 | 29.47 2.02 0.00 | 27.91 1.89 0.00 | 37.42 2.37 0.00 | 34.47 2.13 0.00 | 31.06 1.87 0.00 | 25.47 1.48 0.00 | 25.56 1.17 0.00 | 23.36 1.01 0.00 |
| CE_MILLWOOD___DRP 24193 | 21.28 0.74 0.00 | 19.43 0.66 0.00 | 16.83 0.60 0.00 | 18.79 0.61 0.00 | 21.13 0.68 0.00 | 21.74 0.73 0.00 | 23.78 0.78 0.00 | 25.47 0.87 0.00 | 24.24 0.93 0.00 | 22.20 0.82 0.00 | 21.74 0.80 0.00 | 21.74 0.80 0.00 | 22.80 1.03 0.00 | 31.42 1.51 0.00 | 32.65 1.84 0.00 | 28.35 1.83 0.00 | 29.40 1.94 0.00 | 27.85 1.82 0.00 | 37.34 2.28 0.00 | 34.40 2.06 0.00 | 30.99 1.81 0.00 | 25.42 1.42 0.00 | 25.50 1.12 0.00 | 23.32 0.97 0.00 |
| CE_NYC2_DRP 24202 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.25 0.81 0.00 | 21.87 0.86 0.00 | 23.94 0.94 0.00 | 25.64 1.04 0.00 | 24.44 1.14 0.00 | 22.43 1.04 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.05 1.28 0.00 | 31.79 1.89 0.00 | 33.06 2.25 0.00 | 28.72 2.19 0.00 | 29.77 2.31 0.00 | 28.18 2.15 0.00 | 37.73 2.68 0.00 | 34.72 2.38 0.00 | 31.29 2.11 0.00 | 25.68 1.68 0.00 | 25.73 1.34 0.00 | 23.54 1.19 0.00 |
| CE_NYC_DRP 24195 | 21.39 0.85 0.00 | 19.53 0.75 0.00 | 16.91 0.68 0.00 | 18.88 0.70 0.00 | 21.22 0.77 0.00 | 21.83 0.83 0.00 | 23.89 0.89 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.37 0.98 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 23.00 1.23 0.00 | 31.70 1.80 0.00 | 32.96 2.15 0.00 | 28.63 2.11 0.00 | 29.68 2.23 0.00 | 28.10 2.07 0.00 | 37.64 2.59 0.00 | 34.65 2.31 0.00 | 31.23 2.04 0.00 | 25.61 1.62 0.00 | 25.68 1.30 0.00 | 23.48 1.13 0.00 |
| CHAFFEE___LFGE 323603 | 19.54 -1.00 0.00 | 17.93 -0.84 0.00 | 15.41 -0.81 0.00 | 17.29 -0.89 0.00 | 19.47 -0.98 0.00 | 20.02 -0.99 0.00 | 22.02 -0.98 0.00 | 23.58 -1.02 0.00 | 22.35 -0.95 0.00 | 20.82 -0.56 0.00 | 20.40 -0.54 0.00 | 20.40 -0.54 0.00 | 21.51 -0.26 0.00 | 29.87 -0.04 0.00 | 30.52 -0.29 0.00 | 26.26 -0.27 0.00 | 26.81 -0.64 0.00 | 25.24 -0.79 0.00 | 34.17 -0.89 0.00 | 31.30 -1.04 0.00 | 28.19 -1.00 0.00 | 23.23 -0.77 0.00 | 23.59 -0.79 0.00 | 21.40 -0.96 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 20.55 0.01 0.00 | 18.81 0.04 0.00 | 16.21 -0.01 0.00 | 18.21 0.02 0.00 | 20.52 0.07 0.00 | 21.13 0.12 0.00 | 23.25 0.25 0.00 | 24.97 0.36 0.00 | 23.47 0.17 0.00 | 21.65 0.26 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.07 0.29 0.00 | 30.21 0.31 0.00 | 30.98 0.16 0.00 | 26.51 -0.02 0.00 | 27.36 -0.10 0.00 | 25.84 -0.19 0.00 | 34.85 -0.20 0.00 | 32.17 -0.17 0.00 | 28.82 -0.37 0.00 | 23.54 -0.45 0.00 | 24.10 -0.28 0.00 | 22.26 -0.09 0.00 |
| CHATEAUG_WT_PWR 323614 | 20.50 -0.04 0.00 | 18.77 0.00 0.00 | 16.18 -0.04 0.00 | 18.16 -0.03 0.00 | 20.49 0.04 0.00 | 21.09 0.08 0.00 | 23.20 0.20 0.00 | 24.90 0.30 0.00 | 23.46 0.16 0.00 | 21.64 0.25 0.00 | 21.22 0.27 0.00 | 21.22 0.27 0.00 | 22.05 0.27 0.00 | 30.18 0.28 0.00 | 30.96 0.14 0.00 | 26.51 -0.02 0.00 | 27.36 -0.10 0.00 | 25.85 -0.18 0.00 | 34.85 -0.21 0.00 | 32.12 -0.22 0.00 | 28.76 -0.43 0.00 | 23.47 -0.52 0.00 | 24.04 -0.34 0.00 | 22.20 -0.15 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 20.55 0.01 0.00 | 18.81 0.04 0.00 | 16.21 -0.01 0.00 | 18.21 0.02 0.00 | 20.52 0.07 0.00 | 21.13 0.12 0.00 | 23.25 0.25 0.00 | 24.97 0.36 0.00 | 23.47 0.17 0.00 | 21.65 0.26 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.07 0.29 0.00 | 30.21 0.31 0.00 | 30.98 0.16 0.00 | 26.51 -0.02 0.00 | 27.36 -0.10 0.00 | 25.84 -0.19 0.00 | 34.85 -0.20 0.00 | 32.17 -0.17 0.00 | 28.82 -0.37 0.00 | 23.54 -0.45 0.00 | 24.10 -0.28 0.00 | 22.26 -0.09 0.00 |
| CHAUTAUQUA___LFGE 323629 | 19.58 -0.96 0.00 | 18.00 -0.77 0.00 | 15.50 -0.72 0.00 | 17.41 -0.77 0.00 | 19.61 -0.84 0.00 | 20.17 -0.84 0.00 | 22.22 -0.77 0.00 | 23.82 -0.78 0.00 | 22.54 -0.76 0.00 | 20.97 -0.42 0.00 | 20.53 -0.42 0.00 | 20.53 -0.42 0.00 | 21.69 -0.08 0.00 | 30.16 0.25 0.00 | 30.86 0.04 0.00 | 26.59 0.06 0.00 | 27.13 -0.32 0.00 | 25.51 -0.52 0.00 | 34.48 -0.57 0.00 | 31.66 -0.68 0.00 | 28.47 -0.72 0.00 | 23.47 -0.52 0.00 | 23.79 -0.59 0.00 | 21.56 -0.79 0.00 |
| CHERRYST_13_KV_LD 356241 | 21.44 0.90 0.00 | 19.57 0.80 0.00 | 16.95 0.72 0.00 | 18.92 0.74 0.00 | 21.27 0.83 0.00 | 21.89 0.88 0.00 | 23.96 0.96 0.00 | 25.67 1.07 0.00 | 24.48 1.17 0.00 | 22.45 1.07 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 23.10 1.32 0.00 | 31.84 1.93 0.00 | 33.10 2.28 0.00 | 28.75 2.22 0.00 | 29.80 2.35 0.00 | 28.21 2.18 0.00 | 37.78 2.72 0.00 | 34.75 2.42 0.00 | 31.32 2.14 0.00 | 25.69 1.69 0.00 | 25.75 1.37 0.00 | 23.54 1.19 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 21.11 0.57 0.00 | 19.28 0.51 0.00 | 16.68 0.46 0.00 | 18.64 0.46 0.00 | 20.97 0.52 0.00 | 21.57 0.56 0.00 | 23.60 0.60 0.00 | 25.28 0.67 0.00 | 24.02 0.72 0.00 | 21.99 0.60 0.00 | 21.53 0.59 0.00 | 21.53 0.59 0.00 | 22.55 0.78 0.00 | 31.07 1.17 0.00 | 32.26 1.45 0.00 | 27.99 1.47 0.00 | 29.03 1.58 0.00 | 27.53 1.50 0.00 | 36.96 1.90 0.00 | 34.06 1.73 0.00 | 30.70 1.51 0.00 | 25.18 1.19 0.00 | 25.28 0.90 0.00 | 23.12 0.77 0.00 |
| CH_MIDHUDSON___DRP 24192 | 21.31 0.78 0.00 | 19.46 0.69 0.00 | 16.86 0.64 0.00 | 18.84 0.66 0.00 | 21.17 0.72 0.00 | 21.78 0.77 0.00 | 23.82 0.82 0.00 | 25.50 0.90 0.00 | 24.23 0.93 0.00 | 22.18 0.79 0.00 | 21.72 0.77 0.00 | 21.72 0.77 0.00 | 22.72 0.94 0.00 | 31.26 1.36 0.00 | 32.50 1.68 0.00 | 28.24 1.71 0.00 | 29.32 1.86 0.00 | 27.80 1.77 0.00 | 37.31 2.25 0.00 | 34.40 2.07 0.00 | 30.99 1.80 0.00 | 25.41 1.42 0.00 | 25.50 1.11 0.00 | 23.30 0.95 0.00 |
| CH_MISC_IPPS 23765 | 21.39 0.86 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.89 0.71 0.00 | 21.23 0.79 0.00 | 21.85 0.84 0.00 | 23.90 0.91 0.00 | 25.60 1.00 0.00 | 24.34 1.03 0.00 | 22.28 0.90 0.00 | 21.82 0.88 0.00 | 21.82 0.88 0.00 | 22.84 1.07 0.00 | 31.47 1.57 0.00 | 32.72 1.90 0.00 | 28.43 1.90 0.00 | 29.52 2.07 0.00 | 28.00 1.97 0.00 | 37.59 2.53 0.00 | 34.63 2.29 0.00 | 31.19 2.01 0.00 | 25.56 1.57 0.00 | 25.64 1.26 0.00 | 23.42 1.07 0.00 |
| CH_RES_BVR_FALLS 23983 | 20.30 -0.24 0.00 | 18.54 -0.24 0.00 | 15.99 -0.23 0.00 | 17.99 -0.19 0.00 | 20.26 -0.19 0.00 | 20.84 -0.17 0.00 | 22.86 -0.13 0.00 | 24.51 -0.09 0.00 | 23.23 -0.07 0.00 | 21.40 0.01 0.00 | 20.97 0.02 0.00 | 20.97 0.02 0.00 | 21.78 0.00 0.00 | 29.90 -0.01 0.00 | 30.70 -0.11 0.00 | 26.30 -0.22 0.00 | 27.16 -0.30 0.00 | 25.75 -0.28 0.00 | 34.72 -0.34 0.00 | 31.98 -0.36 0.00 | 28.83 -0.35 0.00 | 23.72 -0.27 0.00 | 24.26 -0.13 0.00 | 22.26 -0.09 0.00 |
| CH_RES_NIAGARA 23895 | 18.79 -1.75 0.00 | 17.27 -1.51 0.00 | 14.84 -1.39 0.00 | 16.65 -1.53 0.00 | 18.72 -1.72 0.00 | 19.23 -1.78 0.00 | 21.12 -1.88 0.00 | 22.57 -2.04 0.00 | 21.37 -1.93 0.00 | 19.95 -1.44 0.00 | 19.54 -1.40 0.00 | 19.54 -1.40 0.00 | 20.61 -1.17 0.00 | 28.56 -1.34 0.00 | 29.08 -1.74 0.00 | 24.95 -1.58 0.00 | 25.39 -2.07 0.00 | 23.87 -2.15 0.00 | 32.38 -2.67 0.00 | 29.67 -2.67 0.00 | 26.78 -2.41 0.00 | 22.11 -1.88 0.00 | 22.52 -1.86 0.00 | 20.53 -1.82 0.00 |
| CH_RES_SYRACUSE 23985 | 20.37 -0.17 0.00 | 18.62 -0.15 0.00 | 16.08 -0.15 0.00 | 18.02 -0.16 0.00 | 20.28 -0.17 0.00 | 20.85 -0.15 0.00 | 22.85 -0.15 0.00 | 24.43 -0.17 0.00 | 23.13 -0.17 0.00 | 21.25 -0.14 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.61 -0.16 0.00 | 29.70 -0.20 0.00 | 30.62 -0.19 0.00 | 26.41 -0.11 0.00 | 27.36 -0.09 0.00 | 25.97 -0.06 0.00 | 35.03 -0.03 0.00 | 32.29 -0.05 0.00 | 29.11 -0.08 0.00 | 23.93 -0.07 0.00 | 24.20 -0.18 0.00 | 22.13 -0.23 0.00 |
| CLINTON_WT_PWR 323605 | 20.50 -0.04 0.00 | 18.77 0.00 0.00 | 16.18 -0.04 0.00 | 18.16 -0.03 0.00 | 20.49 0.04 0.00 | 21.09 0.08 0.00 | 23.20 0.20 0.00 | 24.90 0.30 0.00 | 23.46 0.16 0.00 | 21.64 0.25 0.00 | 21.22 0.27 0.00 | 21.22 0.27 0.00 | 22.05 0.27 0.00 | 30.18 0.28 0.00 | 30.96 0.14 0.00 | 26.51 -0.02 0.00 | 27.36 -0.10 0.00 | 25.85 -0.18 0.00 | 34.85 -0.21 0.00 | 32.12 -0.22 0.00 | 28.76 -0.43 0.00 | 23.47 -0.52 0.00 | 24.04 -0.34 0.00 | 22.20 -0.15 0.00 |
| CLINTON___LFGE 323618 | 20.92 0.38 0.00 | 19.19 0.42 0.00 | 16.58 0.36 0.00 | 18.57 0.39 0.00 | 20.90 0.45 0.00 | 21.51 0.50 0.00 | 23.63 0.63 0.00 | 25.36 0.76 0.00 | 23.79 0.49 0.00 | 21.89 0.50 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.37 0.59 0.00 | 30.59 0.69 0.00 | 31.43 0.61 0.00 | 26.94 0.41 0.00 | 27.85 0.39 0.00 | 26.33 0.31 0.00 | 35.51 0.46 0.00 | 32.82 0.49 0.00 | 29.38 0.19 0.00 | 23.96 -0.04 0.00 | 24.50 0.12 0.00 | 22.65 0.30 0.00 |
| COBBLENY_34_KV_TB1 80064 | 19.54 -1.00 0.00 | 17.93 -0.84 0.00 | 15.41 -0.81 0.00 | 17.29 -0.89 0.00 | 19.47 -0.98 0.00 | 20.02 -0.99 0.00 | 22.01 -0.99 0.00 | 23.58 -1.02 0.00 | 22.35 -0.95 0.00 | 20.82 -0.56 0.00 | 20.40 -0.54 0.00 | 20.40 -0.54 0.00 | 21.51 -0.26 0.00 | 29.86 -0.04 0.00 | 30.52 -0.30 0.00 | 26.25 -0.27 0.00 | 26.81 -0.64 0.00 | 25.24 -0.79 0.00 | 34.17 -0.88 0.00 | 31.30 -1.04 0.00 | 28.19 -0.99 0.00 | 23.24 -0.75 0.00 | 23.58 -0.80 0.00 | 21.40 -0.96 0.00 |
| COFFEEN___115KV_TB3 355620 | 19.31 -1.23 0.00 | 17.55 -1.22 0.00 | 15.08 -1.14 0.00 | 17.07 -1.11 0.00 | 19.36 -1.09 0.00 | 19.93 -1.08 0.00 | 22.03 -0.96 0.00 | 23.84 -0.76 0.00 | 22.73 -0.57 0.00 | 20.85 -0.53 0.00 | 20.42 -0.52 0.00 | 20.42 -0.52 0.00 | 20.98 -0.79 0.00 | 28.72 -1.18 0.00 | 29.49 -1.32 0.00 | 25.29 -1.24 0.00 | 25.96 -1.50 0.00 | 25.10 -0.93 0.00 | 34.32 -0.74 0.00 | 31.70 -0.64 0.00 | 28.55 -0.63 0.00 | 23.40 -0.59 0.00 | 23.83 -0.55 0.00 | 21.76 -0.60 0.00 |
| COLDSPRG_115KV_BK1 355956 | 20.01 -0.53 0.00 | 18.40 -0.37 0.00 | 15.84 -0.39 0.00 | 17.78 -0.40 0.00 | 20.04 -0.40 0.00 | 20.64 -0.37 0.00 | 22.75 -0.25 0.00 | 24.46 -0.14 0.00 | 23.19 -0.11 0.00 | 21.55 0.17 0.00 | 21.09 0.15 0.00 | 21.09 0.15 0.00 | 22.21 0.44 0.00 | 30.88 0.97 0.00 | 31.61 0.79 0.00 | 27.27 0.74 0.00 | 27.87 0.41 0.00 | 26.20 0.17 0.00 | 35.36 0.31 0.00 | 32.45 0.11 0.00 | 29.17 -0.02 0.00 | 24.01 0.01 0.00 | 24.30 -0.09 0.00 | 22.05 -0.30 0.00 |
| COLONIE_LFGE___ 323577 | 21.37 0.83 0.00 | 19.56 0.79 0.00 | 16.97 0.74 0.00 | 18.98 0.80 0.00 | 21.31 0.86 0.00 | 21.82 0.81 0.00 | 23.79 0.80 0.00 | 25.42 0.81 0.00 | 24.01 0.71 0.00 | 21.87 0.48 0.00 | 21.40 0.46 0.00 | 21.40 0.46 0.00 | 22.21 0.44 0.00 | 30.46 0.55 0.00 | 31.71 0.89 0.00 | 27.39 0.86 0.00 | 28.52 1.07 0.00 | 27.08 1.05 0.00 | 36.49 1.44 0.00 | 33.92 1.58 0.00 | 30.58 1.39 0.00 | 25.04 1.04 0.00 | 25.16 0.78 0.00 | 23.05 0.69 0.00 |
| COOPERNY_115KV_TB1 80082 | 20.92 0.38 0.00 | 19.11 0.33 0.00 | 16.53 0.30 0.00 | 18.49 0.30 0.00 | 20.79 0.34 0.00 | 21.38 0.37 0.00 | 23.39 0.40 0.00 | 25.05 0.44 0.00 | 23.79 0.49 0.00 | 21.80 0.41 0.00 | 21.34 0.40 0.00 | 21.34 0.40 0.00 | 22.31 0.54 0.00 | 30.73 0.83 0.00 | 31.86 1.04 0.00 | 27.61 1.08 0.00 | 28.61 1.16 0.00 | 27.19 1.16 0.00 | 36.56 1.51 0.00 | 33.71 1.37 0.00 | 30.37 1.18 0.00 | 24.91 0.92 0.00 | 25.07 0.69 0.00 | 22.93 0.58 0.00 |
| COPENHAGEN_WT_PWR 323753 | 19.04 -1.50 0.00 | 17.31 -1.46 0.00 | 14.89 -1.34 0.00 | 16.86 -1.32 0.00 | 19.15 -1.30 0.00 | 19.72 -1.29 0.00 | 21.77 -1.22 0.00 | 23.60 -1.00 0.00 | 22.58 -0.73 0.00 | 20.77 -0.62 0.00 | 20.34 -0.61 0.00 | 20.34 -0.61 0.00 | 20.93 -0.85 0.00 | 28.62 -1.28 0.00 | 29.40 -1.42 0.00 | 25.18 -1.35 0.00 | 25.84 -1.61 0.00 | 24.93 -1.10 0.00 | 34.03 -1.02 0.00 | 31.36 -0.97 0.00 | 28.20 -0.99 0.00 | 23.14 -0.86 0.00 | 23.57 -0.82 0.00 | 21.53 -0.82 0.00 |
| CORNELL_____ 23752 | 20.65 0.12 0.00 | 18.87 0.10 0.00 | 16.28 0.06 0.00 | 18.25 0.07 0.00 | 20.55 0.11 0.00 | 21.14 0.13 0.00 | 23.21 0.21 0.00 | 24.85 0.24 0.00 | 23.47 0.17 0.00 | 21.48 0.09 0.00 | 21.01 0.06 0.00 | 21.01 0.06 0.00 | 21.83 0.06 0.00 | 30.09 0.19 0.00 | 31.02 0.20 0.00 | 26.78 0.26 0.00 | 27.81 0.36 0.00 | 26.40 0.37 0.00 | 35.73 0.68 0.00 | 33.02 0.68 0.00 | 29.79 0.61 0.00 | 24.47 0.48 0.00 | 24.71 0.32 0.00 | 22.52 0.17 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CORONA__69_KV_TB1 355595 | 21.68 1.15 0.00 | 19.77 1.00 0.00 | 17.11 0.88 0.00 | 19.09 0.91 0.00 | 21.46 1.02 0.00 | 22.12 1.11 0.00 | 24.24 1.24 0.00 | 25.92 1.32 0.00 | 24.66 1.36 0.00 | 22.60 1.21 0.00 | 22.12 1.17 0.00 | 22.12 1.17 0.00 | 26.26 1.51 -2.96 | 32.82 2.24 -0.68 | 34.28 2.59 -0.87 | 35.07 2.51 -6.03 | 30.07 2.62 0.00 | 28.43 2.40 0.00 | 38.09 3.03 0.00 | 35.05 2.71 0.00 | 31.62 2.44 0.00 | 25.93 1.94 0.00 | 26.38 1.71 -0.29 | 23.79 1.44 0.00 |
| CORTLAND__115KV_TB3 80093 | 20.53 0.00 0.00 | 18.76 -0.01 0.00 | 16.20 -0.03 0.00 | 18.17 -0.02 0.00 | 20.44 -0.01 0.00 | 21.01 0.00 0.00 | 23.05 0.06 0.00 | 24.67 0.06 0.00 | 23.34 0.03 0.00 | 21.38 0.00 0.00 | 20.92 -0.02 0.00 | 20.92 -0.02 0.00 | 21.77 0.00 0.00 | 29.97 0.06 0.00 | 30.91 0.09 0.00 | 26.70 0.17 0.00 | 27.66 0.21 0.00 | 26.25 0.22 0.00 | 35.45 0.39 0.00 | 32.73 0.39 0.00 | 29.52 0.34 0.00 | 24.26 0.26 0.00 | 24.51 0.13 0.00 | 22.36 0.01 0.00 |
| COXSACKIE__GT 23611 | 21.86 1.33 0.00 | 20.02 1.25 0.00 | 17.37 1.14 0.00 | 19.42 1.24 0.00 | 21.79 1.35 0.00 | 22.32 1.31 0.00 | 24.42 1.42 0.00 | 26.10 1.50 0.00 | 24.57 1.27 0.00 | 22.19 0.80 0.00 | 21.70 0.75 0.00 | 21.70 0.75 0.00 | 22.48 0.70 0.00 | 30.70 0.79 0.00 | 31.94 1.13 0.00 | 27.69 1.16 0.00 | 29.04 1.59 0.00 | 27.65 1.63 0.00 | 37.64 2.58 0.00 | 35.11 2.78 0.00 | 31.65 2.47 0.00 | 25.85 1.86 0.00 | 25.90 1.52 0.00 | 23.64 1.29 0.00 |
| CPV_VALLEY__CC1 323721 | 20.98 0.44 0.00 | 19.16 0.39 0.00 | 16.58 0.35 0.00 | 18.52 0.34 0.00 | 20.84 0.39 0.00 | 21.43 0.42 0.00 | 23.44 0.45 0.00 | 25.11 0.51 0.00 | 23.86 0.56 0.00 | 21.86 0.47 0.00 | 21.40 0.46 0.00 | 21.40 0.46 0.00 | 22.41 0.63 0.00 | 30.85 0.95 0.00 | 32.02 1.20 0.00 | 27.78 1.25 0.00 | 28.79 1.34 0.00 | 27.29 1.27 0.00 | 36.64 1.58 0.00 | 33.77 1.43 0.00 | 30.43 1.24 0.00 | 24.98 0.98 0.00 | 25.10 0.72 0.00 | 22.95 0.60 0.00 |
| CPV_VALLEY__CC2 323722 | 20.98 0.44 0.00 | 19.16 0.39 0.00 | 16.58 0.35 0.00 | 18.52 0.34 0.00 | 20.84 0.39 0.00 | 21.43 0.42 0.00 | 23.44 0.45 0.00 | 25.11 0.51 0.00 | 23.86 0.56 0.00 | 21.86 0.47 0.00 | 21.40 0.46 0.00 | 21.40 0.46 0.00 | 22.41 0.63 0.00 | 30.85 0.95 0.00 | 32.02 1.20 0.00 | 27.78 1.25 0.00 | 28.79 1.34 0.00 | 27.29 1.27 0.00 | 36.64 1.58 0.00 | 33.77 1.43 0.00 | 30.43 1.24 0.00 | 24.98 0.98 0.00 | 25.10 0.72 0.00 | 22.95 0.60 0.00 |
| CRESCENT__HYD 24018 | 21.37 0.83 0.00 | 19.56 0.79 0.00 | 16.97 0.74 0.00 | 18.98 0.80 0.00 | 21.31 0.86 0.00 | 21.82 0.81 0.00 | 23.79 0.80 0.00 | 25.42 0.81 0.00 | 24.01 0.71 0.00 | 21.87 0.48 0.00 | 21.40 0.46 0.00 | 21.40 0.46 0.00 | 22.21 0.44 0.00 | 30.46 0.55 0.00 | 31.71 0.89 0.00 | 27.39 0.86 0.00 | 28.52 1.07 0.00 | 27.08 1.05 0.00 | 36.49 1.44 0.00 | 33.92 1.58 0.00 | 30.58 1.39 0.00 | 25.04 1.04 0.00 | 25.16 0.78 0.00 | 23.05 0.69 0.00 |
| CRICKET__VALLEY_CC1 323756 | 21.17 0.62 0.00 | 19.36 0.59 0.00 | 16.79 0.56 0.00 | 18.76 0.57 0.00 | 21.07 0.62 0.00 | 21.67 0.66 0.00 | 23.66 0.67 0.00 | 25.31 0.70 0.00 | 24.02 0.72 0.00 | 21.94 0.54 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.42 0.64 0.00 | 30.80 0.89 0.00 | 32.07 1.25 0.00 | 27.86 1.33 0.00 | 28.96 1.50 0.00 | 27.45 1.42 0.00 | 36.86 1.81 0.00 | 34.06 1.73 0.00 | 30.69 1.51 0.00 | 25.20 1.20 0.00 | 25.27 0.89 0.00 | 23.11 0.76 0.00 |
| CRICKET__VALLEY_CC2 323757 | 21.17 0.62 0.00 | 19.36 0.59 0.00 | 16.79 0.56 0.00 | 18.76 0.57 0.00 | 21.07 0.62 0.00 | 21.67 0.66 0.00 | 23.66 0.67 0.00 | 25.31 0.70 0.00 | 24.02 0.72 0.00 | 21.94 0.54 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.42 0.64 0.00 | 30.80 0.89 0.00 | 32.07 1.25 0.00 | 27.86 1.33 0.00 | 28.96 1.50 0.00 | 27.45 1.42 0.00 | 36.86 1.81 0.00 | 34.06 1.73 0.00 | 30.69 1.51 0.00 | 25.20 1.20 0.00 | 25.27 0.89 0.00 | 23.11 0.76 0.00 |
| CRICKET__VALLEY_CC3 323758 | 21.17 0.62 0.00 | 19.36 0.59 0.00 | 16.79 0.56 0.00 | 18.76 0.57 0.00 | 21.07 0.62 0.00 | 21.67 0.66 0.00 | 23.66 0.67 0.00 | 25.31 0.70 0.00 | 24.02 0.72 0.00 | 21.94 0.54 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.42 0.64 0.00 | 30.80 0.89 0.00 | 32.07 1.25 0.00 | 27.86 1.33 0.00 | 28.96 1.50 0.00 | 27.45 1.42 0.00 | 36.86 1.81 0.00 | 34.06 1.73 0.00 | 30.69 1.51 0.00 | 25.20 1.20 0.00 | 25.27 0.89 0.00 | 23.11 0.76 0.00 |
| CRUCIBLE_METL_DRP 24180 | 20.37 -0.17 0.00 | 18.62 -0.15 0.00 | 16.08 -0.15 0.00 | 18.03 -0.16 0.00 | 20.28 -0.17 0.00 | 20.85 -0.15 0.00 | 22.85 -0.15 0.00 | 24.43 -0.17 0.00 | 23.13 -0.17 0.00 | 21.25 -0.14 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.61 -0.16 0.00 | 29.70 -0.20 0.00 | 30.62 -0.19 0.00 | 26.41 -0.11 0.00 | 27.36 -0.09 0.00 | 25.97 -0.06 0.00 | 35.03 -0.03 0.00 | 32.29 -0.05 0.00 | 29.11 -0.08 0.00 | 23.92 -0.07 0.00 | 24.20 -0.18 0.00 | 22.13 -0.23 0.00 |
| DAHOWA__HYDRO 323763 | 21.81 1.27 0.00 | 20.01 1.24 0.00 | 17.37 1.14 0.00 | 19.43 1.25 0.00 | 21.75 1.30 0.00 | 22.27 1.26 0.00 | 24.27 1.27 0.00 | 25.90 1.30 0.00 | 24.38 1.07 0.00 | 22.16 0.77 0.00 | 21.68 0.73 0.00 | 21.68 0.73 0.00 | 22.55 0.77 0.00 | 31.00 1.09 0.00 | 32.34 1.52 0.00 | 28.02 1.49 0.00 | 29.24 1.79 0.00 | 27.80 1.78 0.00 | 37.48 2.43 0.00 | 34.81 2.47 0.00 | 31.38 2.20 0.00 | 25.67 1.68 0.00 | 25.81 1.42 0.00 | 23.60 1.25 0.00 |
| DANC__LFGE 323619 | 19.40 -1.14 0.00 | 17.68 -1.09 0.00 | 15.23 -1.00 0.00 | 17.17 -1.01 0.00 | 19.43 -1.02 0.00 | 19.99 -1.02 0.00 | 22.00 -0.99 0.00 | 23.72 -0.88 0.00 | 22.59 -0.71 0.00 | 20.76 -0.63 0.00 | 20.32 -0.63 0.00 | 20.32 -0.63 0.00 | 20.98 -0.80 0.00 | 28.74 -1.17 0.00 | 29.56 -1.25 0.00 | 25.39 -1.14 0.00 | 26.16 -1.30 0.00 | 25.09 -0.93 0.00 | 34.10 -0.96 0.00 | 31.45 -0.89 0.00 | 28.30 -0.88 0.00 | 23.24 -0.76 0.00 | 23.61 -0.77 0.00 | 21.58 -0.77 0.00 |
| DANSKAMMER__1 23586 | 21.39 0.86 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.89 0.71 0.00 | 21.23 0.79 0.00 | 21.85 0.84 0.00 | 23.90 0.91 0.00 | 25.60 1.00 0.00 | 24.34 1.03 0.00 | 22.28 0.90 0.00 | 21.82 0.88 0.00 | 21.82 0.88 0.00 | 22.84 1.07 0.00 | 31.47 1.57 0.00 | 32.72 1.90 0.00 | 28.43 1.90 0.00 | 29.52 2.07 0.00 | 28.00 1.97 0.00 | 37.59 2.53 0.00 | 34.63 2.29 0.00 | 31.19 2.01 0.00 | 25.56 1.57 0.00 | 25.64 1.26 0.00 | 23.42 1.07 0.00 |
| DANSKAMMER__2 23589 | 21.39 0.86 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.89 0.71 0.00 | 21.23 0.79 0.00 | 21.85 0.84 0.00 | 23.90 0.91 0.00 | 25.60 1.00 0.00 | 24.34 1.03 0.00 | 22.28 0.90 0.00 | 21.82 0.88 0.00 | 21.82 0.88 0.00 | 22.84 1.07 0.00 | 31.47 1.57 0.00 | 32.72 1.90 0.00 | 28.43 1.90 0.00 | 29.52 2.07 0.00 | 28.00 1.97 0.00 | 37.59 2.53 0.00 | 34.63 2.29 0.00 | 31.19 2.01 0.00 | 25.56 1.57 0.00 | 25.64 1.26 0.00 | 23.42 1.07 0.00 |
| DANSKAMMER__3 23590 | 21.39 0.86 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.89 0.71 0.00 | 21.23 0.79 0.00 | 21.85 0.84 0.00 | 23.90 0.91 0.00 | 25.60 1.00 0.00 | 24.34 1.03 0.00 | 22.28 0.90 0.00 | 21.82 0.88 0.00 | 21.82 0.88 0.00 | 22.84 1.07 0.00 | 31.47 1.57 0.00 | 32.72 1.90 0.00 | 28.43 1.90 0.00 | 29.52 2.07 0.00 | 28.00 1.97 0.00 | 37.59 2.53 0.00 | 34.63 2.29 0.00 | 31.19 2.01 0.00 | 25.56 1.57 0.00 | 25.64 1.26 0.00 | 23.42 1.07 0.00 |

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| DANSKAMMER___4 23591 | 21.39 0.86 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.89 0.71 0.00 | 21.23 0.79 0.00 | 21.85 0.84 0.00 | 23.90 0.91 0.00 | 25.60 1.00 0.00 | 24.34 1.03 0.00 | 22.28 0.90 0.00 | 21.82 0.88 0.00 | 21.82 0.88 0.00 | 22.84 1.07 0.00 | 31.47 1.57 0.00 | 32.72 1.90 0.00 | 28.43 1.90 0.00 | 29.52 2.07 0.00 | 28.00 1.97 0.00 | 37.59 2.53 0.00 | 34.63 2.29 0.00 | 31.19 2.01 0.00 | 25.56 1.57 0.00 | 25.64 1.26 0.00 | 23.42 1.07 0.00 |
| DANSKAMMER___DIESEL 23592 | 21.39 0.86 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.89 0.71 0.00 | 21.23 0.79 0.00 | 21.85 0.84 0.00 | 23.91 0.91 0.00 | 25.60 1.00 0.00 | 24.33 1.03 0.00 | 22.28 0.90 0.00 | 21.82 0.88 0.00 | 21.82 0.88 0.00 | 22.84 1.07 0.00 | 31.47 1.57 0.00 | 32.72 1.90 0.00 | 28.43 1.90 0.00 | 29.52 2.07 0.00 | 28.00 1.97 0.00 | 37.59 2.53 0.00 | 34.63 2.29 0.00 | 31.19 2.00 0.00 | 25.56 1.57 0.00 | 25.64 1.26 0.00 | 23.42 1.07 0.00 |
| DARBY___SOLAR 323810 | 21.72 1.18 0.00 | 19.93 1.16 0.00 | 17.29 1.07 0.00 | 19.34 1.16 0.00 | 21.66 1.22 0.00 | 22.18 1.17 0.00 | 24.17 1.18 0.00 | 25.80 1.19 0.00 | 24.28 0.98 0.00 | 22.07 0.69 0.00 | 21.59 0.65 0.00 | 21.59 0.65 0.00 | 22.45 0.67 0.00 | 30.87 0.96 0.00 | 32.17 1.36 0.00 | 27.87 1.34 0.00 | 29.08 1.63 0.00 | 27.66 1.63 0.00 | 37.30 2.25 0.00 | 34.65 2.31 0.00 | 31.23 2.04 0.00 | 25.54 1.55 0.00 | 25.69 1.31 0.00 | 23.49 1.14 0.00 |
| DASHVILLE___HYD 23610 | 21.03 0.49 0.00 | 19.19 0.42 0.00 | 16.61 0.38 0.00 | 18.56 0.37 0.00 | 20.87 0.42 0.00 | 21.48 0.47 0.00 | 23.50 0.51 0.00 | 25.20 0.60 0.00 | 23.98 0.67 0.00 | 21.97 0.58 0.00 | 21.51 0.57 0.00 | 21.51 0.57 0.00 | 22.53 0.76 0.00 | 31.06 1.15 0.00 | 32.28 1.46 0.00 | 28.05 1.52 0.00 | 29.07 1.61 0.00 | 27.56 1.54 0.00 | 36.95 1.89 0.00 | 34.01 1.67 0.00 | 30.62 1.44 0.00 | 25.11 1.11 0.00 | 25.20 0.81 0.00 | 23.03 0.68 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 21.80 1.26 0.00 | 19.86 1.09 0.00 | 17.27 1.05 0.00 | 19.24 1.06 0.00 | 21.68 1.24 0.00 | 22.52 1.51 0.00 | 24.80 1.80 0.00 | 26.53 1.92 0.00 | 25.24 1.94 0.00 | 23.19 1.80 0.00 | 22.70 1.76 0.00 | 22.70 1.76 0.00 | 26.80 2.07 -2.96 | 33.54 2.97 -0.68 | 35.11 3.42 -0.87 | 35.81 3.25 -6.03 | 30.92 3.46 0.00 | 29.26 3.24 0.00 | 39.06 4.01 0.00 | 35.89 3.55 0.00 | 32.34 3.15 0.00 | 26.47 2.48 0.00 | 26.88 2.20 -0.29 | 24.03 1.68 0.00 |
| DELAWARE___LFGE 323621 | 20.90 0.37 0.00 | 19.09 0.32 0.00 | 16.51 0.28 0.00 | 18.49 0.31 0.00 | 20.81 0.36 0.00 | 21.38 0.37 0.00 | 23.43 0.44 0.00 | 25.09 0.49 0.00 | 23.78 0.48 0.00 | 21.82 0.43 0.00 | 21.36 0.42 0.00 | 21.36 0.42 0.00 | 22.25 0.47 0.00 | 30.65 0.74 0.00 | 31.66 0.85 0.00 | 27.37 0.84 0.00 | 28.35 0.90 0.00 | 26.84 0.81 0.00 | 36.10 1.05 0.00 | 33.31 0.97 0.00 | 30.04 0.85 0.00 | 24.68 0.69 0.00 | 24.92 0.53 0.00 | 22.77 0.42 0.00 |
| DERFIELD_115KV_TB7 355931 | 20.52 -0.02 0.00 | 18.76 -0.02 0.00 | 16.22 0.00 0.00 | 18.18 0.00 0.00 | 20.45 0.00 0.00 | 20.99 -0.02 0.00 | 22.97 -0.02 0.00 | 24.58 -0.02 0.00 | 23.28 -0.02 0.00 | 21.35 -0.04 0.00 | 20.90 -0.04 0.00 | 20.90 -0.04 0.00 | 21.73 -0.04 0.00 | 29.83 -0.08 0.00 | 30.79 -0.03 0.00 | 26.53 0.00 0.00 | 27.48 0.03 0.00 | 26.06 0.03 0.00 | 35.12 0.07 0.00 | 32.40 0.06 0.00 | 29.26 0.07 0.00 | 24.09 0.10 0.00 | 24.43 0.05 0.00 | 22.38 0.02 0.00 |
| DOGLEVILLE___HYD 23807 | 20.76 0.21 0.00 | 18.98 0.21 0.00 | 16.49 0.26 0.00 | 18.46 0.27 0.00 | 20.69 0.24 0.00 | 21.15 0.15 0.00 | 23.09 0.10 0.00 | 24.52 -0.08 0.00 | 22.97 -0.33 0.00 | 20.75 -0.64 0.00 | 20.25 -0.69 0.00 | 20.25 -0.69 0.00 | 21.12 -0.66 0.00 | 28.92 -0.98 0.00 | 30.12 -0.70 0.00 | 26.06 -0.46 0.00 | 27.34 -0.11 0.00 | 26.16 0.13 0.00 | 35.61 0.56 0.00 | 33.21 0.88 0.00 | 29.97 0.78 0.00 | 24.55 0.55 0.00 | 24.60 0.22 0.00 | 22.43 0.07 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 19.55 -0.99 0.00 | 17.97 -0.80 0.00 | 15.47 -0.75 0.00 | 17.37 -0.81 0.00 | 19.57 -0.88 0.00 | 20.12 -0.88 0.00 | 22.16 -0.83 0.00 | 23.76 -0.84 0.00 | 22.49 -0.81 0.00 | 20.91 -0.47 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.64 -0.13 0.00 | 30.10 0.19 0.00 | 30.79 -0.03 0.00 | 26.52 0.00 0.00 | 27.08 -0.38 0.00 | 25.46 -0.57 0.00 | 34.41 -0.65 0.00 | 31.58 -0.76 0.00 | 28.40 -0.79 0.00 | 23.43 -0.56 0.00 | 23.73 -0.65 0.00 | 21.52 -0.84 0.00 |
| DUNKIRK___1 23563 | 19.55 -0.99 0.00 | 17.97 -0.80 0.00 | 15.47 -0.75 0.00 | 17.37 -0.81 0.00 | 19.57 -0.88 0.00 | 20.12 -0.88 0.00 | 22.16 -0.83 0.00 | 23.76 -0.84 0.00 | 22.49 -0.81 0.00 | 20.91 -0.47 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.64 -0.13 0.00 | 30.10 0.19 0.00 | 30.79 -0.03 0.00 | 26.52 0.00 0.00 | 27.08 -0.38 0.00 | 25.46 -0.57 0.00 | 34.41 -0.65 0.00 | 31.58 -0.76 0.00 | 28.40 -0.79 0.00 | 23.43 -0.56 0.00 | 23.73 -0.65 0.00 | 21.52 -0.84 0.00 |
| DUNKIRK___2 23564 | 19.55 -0.99 0.00 | 17.97 -0.80 0.00 | 15.47 -0.75 0.00 | 17.37 -0.81 0.00 | 19.57 -0.88 0.00 | 20.12 -0.88 0.00 | 22.16 -0.83 0.00 | 23.76 -0.84 0.00 | 22.49 -0.81 0.00 | 20.91 -0.47 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.64 -0.13 0.00 | 30.10 0.19 0.00 | 30.79 -0.03 0.00 | 26.52 0.00 0.00 | 27.08 -0.38 0.00 | 25.46 -0.57 0.00 | 34.41 -0.65 0.00 | 31.58 -0.76 0.00 | 28.40 -0.79 0.00 | 23.43 -0.56 0.00 | 23.73 -0.65 0.00 | 21.52 -0.84 0.00 |
| DUNKIRK___3 23565 | 19.49 -1.05 0.00 | 17.91 -0.86 0.00 | 15.41 -0.81 0.00 | 17.31 -0.88 0.00 | 19.49 -0.96 0.00 | 20.03 -0.97 0.00 | 22.06 -0.94 0.00 | 23.64 -0.97 0.00 | 22.37 -0.93 0.00 | 20.82 -0.57 0.00 | 20.38 -0.57 0.00 | 20.38 -0.57 0.00 | 21.53 -0.25 0.00 | 29.92 0.01 0.00 | 30.61 -0.21 0.00 | 26.36 -0.17 0.00 | 26.92 -0.54 0.00 | 25.31 -0.72 0.00 | 34.21 -0.84 0.00 | 31.38 -0.96 0.00 | 28.23 -0.96 0.00 | 23.28 -0.71 0.00 | 23.60 -0.78 0.00 | 21.41 -0.94 0.00 |
| DUNKIRK___4 23566 | 19.49 -1.05 0.00 | 17.91 -0.86 0.00 | 15.41 -0.81 0.00 | 17.31 -0.88 0.00 | 19.49 -0.96 0.00 | 20.03 -0.97 0.00 | 22.06 -0.94 0.00 | 23.64 -0.97 0.00 | 22.37 -0.93 0.00 | 20.82 -0.57 0.00 | 20.38 -0.57 0.00 | 20.38 -0.57 0.00 | 21.53 -0.25 0.00 | 29.92 0.01 0.00 | 30.61 -0.21 0.00 | 26.36 -0.17 0.00 | 26.92 -0.54 0.00 | 25.31 -0.72 0.00 | 34.21 -0.84 0.00 | 31.38 -0.96 0.00 | 28.23 -0.96 0.00 | 23.28 -0.71 0.00 | 23.60 -0.78 0.00 | 21.41 -0.94 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 21.36 0.82 0.00 | 19.50 0.73 0.00 | 16.89 0.66 0.00 | 18.86 0.68 0.00 | 21.20 0.76 0.00 | 21.82 0.81 0.00 | 23.86 0.87 0.00 | 25.57 0.96 0.00 | 24.34 1.04 0.00 | 22.31 0.92 0.00 | 21.85 0.90 0.00 | 21.85 0.90 0.00 | 22.92 1.14 0.00 | 31.58 1.67 0.00 | 32.82 2.00 0.00 | 28.50 1.97 0.00 | 29.55 2.10 0.00 | 27.98 1.95 0.00 | 37.51 2.45 0.00 | 34.54 2.20 0.00 | 31.12 1.93 0.00 | 25.53 1.54 0.00 | 25.62 1.23 0.00 | 23.42 1.06 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 21.22 0.68 0.00 | 19.38 0.60 0.00 | 16.77 0.54 0.00 | 18.73 0.55 0.00 | 21.07 0.62 0.00 | 21.67 0.67 0.00 | 23.72 0.72 0.00 | 25.41 0.80 0.00 | 24.15 0.85 0.00 | 22.12 0.73 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.67 0.90 0.00 | 31.24 1.34 0.00 | 32.46 1.65 0.00 | 28.19 1.66 0.00 | 29.25 1.79 0.00 | 27.75 1.72 0.00 | 37.24 2.19 0.00 | 34.32 1.98 0.00 | 30.91 1.72 0.00 | 25.35 1.35 0.00 | 25.45 1.06 0.00 | 23.25 0.90 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 21.40 0.86 0.00 | 19.55 0.77 0.00 | 16.92 0.70 0.00 | 18.90 0.72 0.00 | 21.24 0.79 0.00 | 21.83 0.82 0.00 | 23.91 0.92 0.00 | 25.63 1.02 0.00 | 24.41 1.10 0.00 | 22.38 0.99 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 22.96 1.18 0.00 | 31.68 1.78 0.00 | 32.96 2.15 0.00 | 28.63 2.11 0.00 | 29.68 2.23 0.00 | 28.10 2.07 0.00 | 37.64 2.59 0.00 | 34.67 2.33 0.00 | 31.25 2.06 0.00 | 25.64 1.65 0.00 | 25.69 1.31 0.00 | 23.52 1.17 0.00 |
| E179THST_13_KV_LOAD 356214 | 21.49 0.95 0.00 | 19.64 0.86 0.00 | 16.99 0.76 0.00 | 18.98 0.79 0.00 | 21.33 0.88 0.00 | 21.93 0.92 0.00 | 24.02 1.03 0.00 | 25.74 1.14 0.00 | 24.52 1.22 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.08 1.30 0.00 | 31.85 1.95 0.00 | 33.14 2.32 0.00 | 28.79 2.26 0.00 | 29.84 2.39 0.00 | 28.25 2.22 0.00 | 37.84 2.79 0.00 | 34.84 2.51 0.00 | 31.41 2.23 0.00 | 25.78 1.78 0.00 | 25.82 1.44 0.00 | 23.64 1.29 0.00 |
| EAST HAMPTON___GT 23717 | 21.90 1.36 0.00 | 19.92 1.14 0.00 | 17.34 1.12 0.00 | 19.32 1.14 0.00 | 21.80 1.36 0.00 | 22.77 1.76 0.00 | 25.15 2.15 0.00 | 26.90 2.30 0.00 | 25.65 2.35 0.00 | 23.61 2.22 0.00 | 23.12 2.18 0.00 | 23.12 2.18 0.00 | 27.23 2.49 -2.97 | 34.14 3.56 -0.68 | 35.68 3.99 -0.87 | 36.25 3.69 -6.03 | 31.32 3.87 0.00 | 29.64 3.61 0.00 | 39.42 4.37 0.00 | 36.19 3.85 0.00 | 32.62 3.43 0.00 | 26.79 2.80 0.00 | 27.20 2.53 -0.29 | 24.23 1.88 0.00 |
| EAST RIVER___6 23660 | 21.40 0.86 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.88 0.70 0.00 | 21.22 0.78 0.00 | 21.84 0.84 0.00 | 23.89 0.89 0.00 | 25.57 0.96 0.00 | 24.38 1.08 0.00 | 22.38 0.99 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 23.02 1.25 0.00 | 31.70 1.80 0.00 | 32.96 2.15 0.00 | 28.66 2.13 0.00 | 29.70 2.25 0.00 | 28.14 2.11 0.00 | 37.67 2.62 0.00 | 34.68 2.34 0.00 | 31.24 2.06 0.00 | 25.64 1.65 0.00 | 25.71 1.32 0.00 | 23.51 1.16 0.00 |
| EAST RIVER___7 23524 | 21.40 0.86 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.88 0.70 0.00 | 21.22 0.78 0.00 | 21.84 0.84 0.00 | 23.89 0.89 0.00 | 25.57 0.96 0.00 | 24.38 1.08 0.00 | 22.38 0.99 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 23.02 1.25 0.00 | 31.70 1.80 0.00 | 32.96 2.15 0.00 | 28.66 2.13 0.00 | 29.70 2.25 0.00 | 28.14 2.11 0.00 | 37.67 2.62 0.00 | 34.68 2.34 0.00 | 31.24 2.06 0.00 | 25.64 1.65 0.00 | 25.71 1.32 0.00 | 23.51 1.16 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 21.32 0.78 0.00 | 19.47 0.69 0.00 | 16.85 0.63 0.00 | 18.82 0.64 0.00 | 21.16 0.71 0.00 | 21.77 0.77 0.00 | 23.82 0.82 0.00 | 25.52 0.91 0.00 | 24.28 0.98 0.00 | 22.26 0.88 0.00 | 21.80 0.86 0.00 | 21.80 0.86 0.00 | 22.86 1.08 0.00 | 31.49 1.59 0.00 | 32.73 1.91 0.00 | 28.42 1.89 0.00 | 29.47 2.02 0.00 | 27.91 1.89 0.00 | 37.42 2.37 0.00 | 34.47 2.13 0.00 | 31.06 1.87 0.00 | 25.47 1.48 0.00 | 25.56 1.17 0.00 | 23.36 1.01 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 21.88 1.34 0.00 | 19.90 1.12 0.00 | 17.33 1.10 0.00 | 19.30 1.12 0.00 | 21.79 1.35 0.00 | 22.77 1.76 0.00 | 25.16 2.16 0.00 | 26.91 2.31 0.00 | 25.66 2.36 0.00 | 23.62 2.23 0.00 | 23.14 2.20 0.00 | 23.14 2.20 0.00 | 27.24 2.50 -2.97 | 34.14 3.56 -0.68 | 35.68 3.99 -0.87 | 36.25 3.70 -6.03 | 31.33 3.87 0.00 | 29.63 3.61 0.00 | 39.41 4.35 0.00 | 36.18 3.84 0.00 | 32.60 3.42 0.00 | 26.79 2.79 0.00 | 27.19 2.52 -0.29 | 24.22 1.87 0.00 |
| EAST_POINT___SOLAR 323840 | 21.62 1.08 0.00 | 19.69 0.92 0.00 | 17.00 0.77 0.00 | 19.02 0.84 0.00 | 21.44 0.99 0.00 | 22.10 1.09 0.00 | 24.28 1.29 0.00 | 25.55 0.95 0.00 | 23.50 0.19 0.00 | 21.38 0.00 0.00 | 20.94 0.00 0.00 | 20.94 0.00 0.00 | 22.08 0.30 0.00 | 30.70 0.80 0.00 | 31.73 0.92 0.00 | 27.49 0.96 0.00 | 28.64 1.19 0.00 | 27.05 1.02 0.00 | 37.08 2.03 0.00 | 34.52 2.18 0.00 | 31.20 2.02 0.00 | 25.67 1.68 0.00 | 26.02 1.63 0.00 | 23.77 1.42 0.00 |
| EAST_PULASKI___ESR 323781 | 19.83 -0.71 0.00 | 18.09 -0.68 0.00 | 15.61 -0.62 0.00 | 17.54 -0.65 0.00 | 19.77 -0.67 0.00 | 20.33 -0.68 0.00 | 22.32 -0.68 0.00 | 23.92 -0.69 0.00 | 22.69 -0.61 0.00 | 20.84 -0.55 0.00 | 20.40 -0.54 0.00 | 20.40 -0.54 0.00 | 21.11 -0.66 0.00 | 28.95 -0.95 0.00 | 29.82 -0.99 0.00 | 25.69 -0.84 0.00 | 26.55 -0.91 0.00 | 25.33 -0.69 0.00 | 34.27 -0.79 0.00 | 31.62 -0.72 0.00 | 28.51 -0.67 0.00 | 23.42 -0.58 0.00 | 23.74 -0.65 0.00 | 21.71 -0.64 0.00 |
| EAST_RIVER___1 323558 | 21.39 0.85 0.00 | 19.52 0.75 0.00 | 16.91 0.68 0.00 | 18.88 0.70 0.00 | 21.22 0.77 0.00 | 21.83 0.83 0.00 | 23.89 0.89 0.00 | 25.58 0.98 0.00 | 24.39 1.08 0.00 | 22.37 0.98 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 23.00 1.23 0.00 | 31.70 1.80 0.00 | 32.96 2.14 0.00 | 28.63 2.11 0.00 | 29.68 2.22 0.00 | 28.10 2.07 0.00 | 37.64 2.59 0.00 | 34.65 2.31 0.00 | 31.23 2.04 0.00 | 25.61 1.62 0.00 | 25.68 1.30 0.00 | 23.48 1.13 0.00 |
| EAST_RIVER___2 323559 | 21.40 0.86 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.88 0.70 0.00 | 21.22 0.78 0.00 | 21.84 0.84 0.00 | 23.89 0.89 0.00 | 25.57 0.96 0.00 | 24.38 1.08 0.00 | 22.38 0.99 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 23.02 1.25 0.00 | 31.70 1.80 0.00 | 32.96 2.15 0.00 | 28.66 2.13 0.00 | 29.70 2.25 0.00 | 28.14 2.11 0.00 | 37.67 2.62 0.00 | 34.68 2.34 0.00 | 31.24 2.06 0.00 | 25.64 1.65 0.00 | 25.71 1.32 0.00 | 23.51 1.16 0.00 |
| EAST___DELAWARE_HYD 23607 | 20.38 -0.16 0.00 | 18.59 -0.19 0.00 | 16.07 -0.15 0.00 | 17.95 -0.23 0.00 | 20.19 -0.26 0.00 | 20.79 -0.21 0.00 | 22.75 -0.24 0.00 | 24.41 -0.20 0.00 | 23.32 0.01 0.00 | 21.33 -0.06 0.00 | 20.88 -0.06 0.00 | 20.88 -0.06 0.00 | 21.82 0.05 0.00 | 30.11 0.20 0.00 | 31.29 0.47 0.00 | 27.23 0.70 0.00 | 28.27 0.81 0.00 | 26.93 0.90 0.00 | 36.28 1.22 0.00 | 33.44 1.10 0.00 | 30.07 0.88 0.00 | 24.62 0.62 0.00 | 24.68 0.30 0.00 | 22.53 0.18 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 20.29 -0.25 0.00 | 18.49 -0.28 0.00 | 15.55 -0.68 0.00 | 17.49 -0.69 0.00 | 20.15 -0.30 0.00 | 20.65 -0.36 0.00 | 22.99 0.00 0.00 | 25.29 0.68 0.00 | 23.92 0.62 0.00 | 22.03 0.65 0.00 | 21.53 0.59 0.00 | 21.53 0.59 0.00 | 22.49 0.72 0.00 | 31.23 1.32 0.00 | 32.06 1.25 0.00 | 27.78 1.26 0.00 | 28.64 1.18 0.00 | 26.93 0.91 0.00 | 36.66 1.60 0.00 | 33.92 1.59 0.00 | 30.56 1.38 0.00 | 24.95 0.96 0.00 | 25.05 0.66 0.00 | 22.75 0.40 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 20.25 -0.29 0.00 | 18.53 -0.24 0.00 | 16.00 -0.22 0.00 | 17.94 -0.24 0.00 | 20.17 -0.28 0.00 | 20.75 -0.25 0.00 | 22.71 -0.29 0.00 | 24.31 -0.30 0.00 | 23.01 -0.29 0.00 | 21.12 -0.26 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.49 -0.28 0.00 | 29.55 -0.36 0.00 | 30.47 -0.35 0.00 | 26.26 -0.27 0.00 | 27.21 -0.24 0.00 | 25.81 -0.22 0.00 | 34.83 -0.23 0.00 | 32.11 -0.22 0.00 | 28.95 -0.24 0.00 | 23.80 -0.19 0.00 | 24.08 -0.31 0.00 | 22.02 -0.33 0.00 |
| ELEC_TRO_TEK 24086 | 21.58 1.04 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.15 0.00 | 25.82 1.22 0.00 | 24.58 1.27 0.00 | 22.53 1.14 0.00 | 22.05 1.11 0.00 | 22.05 1.11 0.00 | 26.14 1.41 -2.96 | 32.63 2.04 -0.68 | 34.09 2.40 -0.87 | 34.90 2.34 -6.03 | 29.89 2.44 0.00 | 28.26 2.23 0.00 | 37.86 2.81 0.00 | 34.83 2.49 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 26.22 1.55 -0.29 | 23.65 1.29 0.00 |

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| ELLENBURG_WT_PWR 323604 | 20.50 -0.04 0.00 | 18.77 0.00 0.00 | 16.18 -0.04 0.00 | 18.16 -0.03 0.00 | 20.49 0.04 0.00 | 21.09 0.08 0.00 | 23.20 0.20 0.00 | 24.90 0.30 0.00 | 23.46 0.16 0.00 | 21.64 0.25 0.00 | 21.22 0.27 0.00 | 21.22 0.27 0.00 | 22.05 0.27 0.00 | 30.18 0.28 0.00 | 30.96 0.14 0.00 | 26.51 -0.02 0.00 | 27.36 -0.10 0.00 | 25.85 -0.18 0.00 | 34.85 -0.21 0.00 | 32.12 -0.22 0.00 | 28.76 -0.43 0.00 | 23.47 -0.52 0.00 | 24.04 -0.34 0.00 | 22.20 -0.15 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 19.31 -1.23 0.00 | 17.73 -1.04 0.00 | 15.25 -0.98 0.00 | 17.11 -1.08 0.00 | 19.25 -1.19 0.00 | 19.79 -1.22 0.00 | 21.76 -1.24 0.00 | 23.29 -1.32 0.00 | 22.06 -1.24 0.00 | 20.57 -0.82 0.00 | 20.15 -0.80 0.00 | 20.15 -0.80 0.00 | 21.24 -0.53 0.00 | 29.49 -0.42 0.00 | 30.11 -0.71 0.00 | 25.88 -0.65 0.00 | 26.39 -1.07 0.00 | 24.81 -1.22 0.00 | 33.61 -1.44 0.00 | 30.80 -1.54 0.00 | 27.75 -1.43 0.00 | 22.89 -1.10 0.00 | 23.25 -1.13 0.00 | 21.15 -1.21 0.00 |
| EMPIRE_CC_1 323656 | 21.08 0.54 0.00 | 19.29 0.52 0.00 | 16.73 0.51 0.00 | 18.72 0.54 0.00 | 21.01 0.57 0.00 | 21.53 0.53 0.00 | 23.45 0.45 0.00 | 24.99 0.39 0.00 | 23.73 0.42 0.00 | 21.63 0.24 0.00 | 21.18 0.23 0.00 | 21.18 0.23 0.00 | 21.95 0.17 0.00 | 29.98 0.08 0.00 | 31.19 0.38 0.00 | 26.94 0.42 0.00 | 28.03 0.57 0.00 | 26.59 0.56 0.00 | 35.77 0.71 0.00 | 33.26 0.92 0.00 | 30.02 0.83 0.00 | 24.61 0.61 0.00 | 24.72 0.34 0.00 | 22.73 0.38 0.00 |
| EMPIRE_CC_2 323658 | 21.08 0.54 0.00 | 19.29 0.52 0.00 | 16.73 0.51 0.00 | 18.72 0.54 0.00 | 21.01 0.57 0.00 | 21.53 0.53 0.00 | 23.45 0.45 0.00 | 24.99 0.39 0.00 | 23.73 0.42 0.00 | 21.63 0.24 0.00 | 21.18 0.23 0.00 | 21.18 0.23 0.00 | 21.95 0.17 0.00 | 29.98 0.08 0.00 | 31.19 0.38 0.00 | 26.94 0.42 0.00 | 28.03 0.57 0.00 | 26.59 0.56 0.00 | 35.77 0.71 0.00 | 33.26 0.92 0.00 | 30.02 0.83 0.00 | 24.61 0.61 0.00 | 24.72 0.34 0.00 | 22.73 0.38 0.00 |
| ENORWICH_115KV_TB1 80156 | 21.58 1.04 0.00 | 19.69 0.91 0.00 | 16.97 0.75 0.00 | 19.00 0.82 0.00 | 21.44 1.00 0.00 | 22.09 1.08 0.00 | 24.39 1.39 0.00 | 26.11 1.51 0.00 | 24.56 1.26 0.00 | 22.28 0.90 0.00 | 21.76 0.82 0.00 | 21.76 0.82 0.00 | 22.58 0.81 0.00 | 31.38 1.48 0.00 | 32.10 1.28 0.00 | 27.70 1.17 0.00 | 28.82 1.37 0.00 | 27.51 1.48 0.00 | 37.48 2.42 0.00 | 34.73 2.40 0.00 | 31.37 2.18 0.00 | 25.74 1.75 0.00 | 25.90 1.52 0.00 | 23.56 1.20 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 19.79 -0.75 0.00 | 18.16 -0.61 0.00 | 15.60 -0.62 0.00 | 17.54 -0.64 0.00 | 19.73 -0.72 0.00 | 20.26 -0.75 0.00 | 22.31 -0.68 0.00 | 23.87 -0.73 0.00 | 22.66 -0.64 0.00 | 21.10 -0.29 0.00 | 20.65 -0.29 0.00 | 20.65 -0.29 0.00 | 21.75 -0.03 0.00 | 30.20 0.29 0.00 | 30.90 0.08 0.00 | 26.62 0.09 0.00 | 27.22 -0.23 0.00 | 25.60 -0.43 0.00 | 34.67 -0.38 0.00 | 31.76 -0.57 0.00 | 28.58 -0.61 0.00 | 23.54 -0.45 0.00 | 23.86 -0.53 0.00 | 21.67 -0.68 0.00 |
| ERIE_WT_PWR 323693 | 19.43 -1.11 0.00 | 17.84 -0.93 0.00 | 15.34 -0.88 0.00 | 17.22 -0.97 0.00 | 19.37 -1.08 0.00 | 19.91 -1.09 0.00 | 21.91 -1.08 0.00 | 23.45 -1.15 0.00 | 22.22 -1.08 0.00 | 20.70 -0.68 0.00 | 20.27 -0.67 0.00 | 20.27 -0.67 0.00 | 21.39 -0.38 0.00 | 29.70 -0.21 0.00 | 30.35 -0.47 0.00 | 26.08 -0.45 0.00 | 26.61 -0.84 0.00 | 25.03 -1.00 0.00 | 33.93 -1.12 0.00 | 31.07 -1.27 0.00 | 28.00 -1.19 0.00 | 23.07 -0.92 0.00 | 23.45 -0.94 0.00 | 21.29 -1.06 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 21.19 0.65 0.00 | 19.28 0.51 0.00 | 16.63 0.40 0.00 | 18.62 0.44 0.00 | 21.01 0.56 0.00 | 21.67 0.66 0.00 | 23.87 0.88 0.00 | 25.57 0.97 0.00 | 24.15 0.84 0.00 | 22.19 0.81 0.00 | 21.74 0.80 0.00 | 21.74 0.80 0.00 | 22.68 0.91 0.00 | 31.35 1.45 0.00 | 32.18 1.37 0.00 | 27.69 1.17 0.00 | 28.60 1.14 0.00 | 27.05 1.03 0.00 | 36.59 1.54 0.00 | 33.73 1.39 0.00 | 30.46 1.28 0.00 | 25.13 1.13 0.00 | 25.53 1.15 0.00 | 23.34 0.99 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 20.63 0.09 0.00 | 18.86 0.09 0.00 | 16.27 0.05 0.00 | 18.24 0.06 0.00 | 20.54 0.08 0.00 | 21.12 0.11 0.00 | 23.18 0.19 0.00 | 24.81 0.21 0.00 | 23.44 0.14 0.00 | 21.44 0.05 0.00 | 20.97 0.02 0.00 | 20.97 0.02 0.00 | 21.80 0.03 0.00 | 30.06 0.16 0.00 | 30.97 0.16 0.00 | 26.75 0.22 0.00 | 27.77 0.31 0.00 | 26.35 0.33 0.00 | 35.67 0.61 0.00 | 32.96 0.62 0.00 | 29.74 0.56 0.00 | 24.43 0.43 0.00 | 24.67 0.28 0.00 | 22.49 0.14 0.00 |
| ETNA____115KV_TB2 80207 | 20.63 0.09 0.00 | 18.86 0.09 0.00 | 16.27 0.05 0.00 | 18.24 0.06 0.00 | 20.54 0.08 0.00 | 21.12 0.11 0.00 | 23.18 0.19 0.00 | 24.81 0.21 0.00 | 23.44 0.14 0.00 | 21.44 0.05 0.00 | 20.97 0.02 0.00 | 20.97 0.02 0.00 | 21.80 0.03 0.00 | 30.06 0.16 0.00 | 30.97 0.16 0.00 | 26.75 0.22 0.00 | 27.77 0.31 0.00 | 26.35 0.33 0.00 | 35.67 0.61 0.00 | 32.96 0.62 0.00 | 29.74 0.56 0.00 | 24.43 0.43 0.00 | 24.67 0.28 0.00 | 22.49 0.14 0.00 |
| EUCLID____115KV_TB2 356179 | 20.16 -0.38 0.00 | 18.43 -0.34 0.00 | 15.91 -0.31 0.00 | 17.84 -0.35 0.00 | 20.07 -0.38 0.00 | 20.63 -0.38 0.00 | 22.60 -0.40 0.00 | 24.15 -0.45 0.00 | 22.88 -0.42 0.00 | 21.03 -0.36 0.00 | 20.59 -0.36 0.00 | 20.59 -0.36 0.00 | 21.39 -0.39 0.00 | 29.37 -0.53 0.00 | 30.29 -0.53 0.00 | 26.12 -0.41 0.00 | 27.02 -0.43 0.00 | 25.64 -0.39 0.00 | 34.58 -0.48 0.00 | 31.86 -0.47 0.00 | 28.75 -0.44 0.00 | 23.63 -0.37 0.00 | 23.93 -0.46 0.00 | 21.89 -0.46 0.00 |
| E_CANADA_CAP_HY 24051 | 21.46 0.92 0.00 | 19.53 0.76 0.00 | 16.85 0.62 0.00 | 18.86 0.67 0.00 | 21.28 0.83 0.00 | 21.96 0.95 0.00 | 24.16 1.16 0.00 | 25.77 1.16 0.00 | 24.16 0.85 0.00 | 22.14 0.75 0.00 | 21.70 0.75 0.00 | 21.70 0.75 0.00 | 22.63 0.85 0.00 | 31.26 1.36 0.00 | 32.09 1.28 0.00 | 27.57 1.04 0.00 | 28.51 1.05 0.00 | 26.96 0.93 0.00 | 36.67 1.61 0.00 | 33.93 1.59 0.00 | 30.68 1.49 0.00 | 25.35 1.35 0.00 | 25.80 1.41 0.00 | 23.63 1.28 0.00 |
| E_CANADA_MHWK_HY 24050 | 20.76 0.21 0.00 | 18.98 0.21 0.00 | 16.49 0.26 0.00 | 18.46 0.27 0.00 | 20.69 0.24 0.00 | 21.15 0.15 0.00 | 23.09 0.10 0.00 | 24.52 -0.08 0.00 | 22.97 -0.33 0.00 | 20.75 -0.64 0.00 | 20.25 -0.69 0.00 | 20.25 -0.69 0.00 | 21.12 -0.66 0.00 | 28.92 -0.98 0.00 | 30.12 -0.70 0.00 | 26.06 -0.46 0.00 | 27.34 -0.11 0.00 | 26.16 0.13 0.00 | 35.61 0.56 0.00 | 33.21 0.88 0.00 | 29.97 0.78 0.00 | 24.55 0.55 0.00 | 24.60 0.22 0.00 | 22.43 0.07 0.00 |
| E_FISHKILL____LBMP 23776 | 21.23 0.69 0.00 | 19.39 0.62 0.00 | 16.80 0.57 0.00 | 18.77 0.58 0.00 | 21.09 0.64 0.00 | 21.69 0.69 0.00 | 23.71 0.72 0.00 | 25.39 0.79 0.00 | 24.12 0.82 0.00 | 22.10 0.71 0.00 | 21.64 0.69 0.00 | 21.64 0.69 0.00 | 22.63 0.85 0.00 | 31.15 1.24 0.00 | 32.37 1.56 0.00 | 28.10 1.57 0.00 | 29.15 1.70 0.00 | 27.63 1.60 0.00 | 37.07 2.02 0.00 | 34.19 1.85 0.00 | 30.81 1.63 0.00 | 25.27 1.28 0.00 | 25.37 0.98 0.00 | 23.19 0.84 0.00 |
| FALCON____SEABRD_CC1 323796 | 20.99 0.45 0.00 | 19.27 0.50 0.00 | 16.66 0.44 0.00 | 18.66 0.48 0.00 | 20.99 0.55 0.00 | 21.59 0.58 0.00 | 23.69 0.70 0.00 | 25.40 0.80 0.00 | 23.78 0.48 0.00 | 21.87 0.48 0.00 | 21.45 0.50 0.00 | 21.45 0.50 0.00 | 22.37 0.59 0.00 | 30.60 0.69 0.00 | 31.46 0.64 0.00 | 26.97 0.44 0.00 | 27.88 0.42 0.00 | 26.34 0.31 0.00 | 35.49 0.43 0.00 | 32.80 0.46 0.00 | 29.34 0.15 0.00 | 23.93 -0.06 0.00 | 24.52 0.13 0.00 | 22.69 0.34 0.00 |

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| FALCON___SEABRD_CC2 323797 | 20.99 0.45 0.00 | 19.27 0.50 0.00 | 16.66 0.44 0.00 | 18.66 0.48 0.00 | 20.99 0.55 0.00 | 21.59 0.58 0.00 | 23.69 0.70 0.00 | 25.40 0.80 0.00 | 23.78 0.48 0.00 | 21.87 0.48 0.00 | 21.45 0.50 0.00 | 21.45 0.50 0.00 | 22.37 0.59 0.00 | 30.60 0.69 0.00 | 31.46 0.64 0.00 | 26.97 0.44 0.00 | 27.88 0.42 0.00 | 26.34 0.31 0.00 | 35.49 0.43 0.00 | 32.80 0.46 0.00 | 29.34 0.15 0.00 | 23.93 -0.06 0.00 | 24.52 0.13 0.00 | 22.69 0.34 0.00 |
| FAR ROCKAWAY___4 23548 | 21.83 1.29 0.00 | 19.91 1.14 0.00 | 17.22 1.00 0.00 | 19.21 1.03 0.00 | 21.60 1.16 0.00 | 22.27 1.26 0.00 | 24.41 1.41 0.00 | 26.10 1.50 0.00 | 24.84 1.53 0.00 | 22.78 1.39 0.00 | 22.31 1.36 0.00 | 22.31 1.36 0.00 | 26.48 1.73 -2.96 | 33.14 2.56 -0.68 | 34.64 2.95 -0.87 | 35.38 2.83 -6.03 | 30.39 2.94 0.00 | 28.74 2.71 0.00 | 38.50 3.45 0.00 | 35.41 3.07 0.00 | 31.94 2.76 0.00 | 26.18 2.18 0.00 | 26.62 1.94 -0.29 | 23.99 1.64 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 21.40 0.86 0.00 | 19.54 0.76 0.00 | 16.91 0.69 0.00 | 18.89 0.71 0.00 | 21.23 0.79 0.00 | 21.85 0.84 0.00 | 23.90 0.91 0.00 | 25.60 1.00 0.00 | 24.41 1.11 0.00 | 22.39 1.00 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 23.02 1.24 0.00 | 31.72 1.82 0.00 | 32.98 2.16 0.00 | 28.64 2.12 0.00 | 29.69 2.24 0.00 | 28.12 2.09 0.00 | 37.65 2.59 0.00 | 34.65 2.32 0.00 | 31.24 2.05 0.00 | 25.62 1.63 0.00 | 25.69 1.30 0.00 | 23.49 1.14 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 21.41 0.87 0.00 | 19.55 0.77 0.00 | 16.93 0.70 0.00 | 18.90 0.72 0.00 | 21.24 0.79 0.00 | 21.85 0.85 0.00 | 23.91 0.91 0.00 | 25.61 1.01 0.00 | 24.41 1.11 0.00 | 22.39 1.00 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 23.03 1.25 0.00 | 31.74 1.83 0.00 | 33.00 2.19 0.00 | 28.67 2.14 0.00 | 29.71 2.26 0.00 | 28.14 2.11 0.00 | 37.68 2.63 0.00 | 34.69 2.35 0.00 | 31.26 2.08 0.00 | 25.64 1.65 0.00 | 25.71 1.33 0.00 | 23.51 1.16 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 21.39 0.85 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.88 0.70 0.00 | 21.22 0.78 0.00 | 21.84 0.83 0.00 | 23.89 0.89 0.00 | 25.60 1.00 0.00 | 24.40 1.10 0.00 | 22.38 0.99 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 23.01 1.24 0.00 | 31.71 1.81 0.00 | 32.97 2.16 0.00 | 28.64 2.11 0.00 | 29.68 2.23 0.00 | 28.11 2.08 0.00 | 37.64 2.59 0.00 | 34.65 2.31 0.00 | 31.23 2.05 0.00 | 25.61 1.62 0.00 | 25.68 1.30 0.00 | 23.48 1.13 0.00 |
| FARRAGUT___LBMP 323566 | 21.38 0.84 0.00 | 19.52 0.74 0.00 | 16.90 0.67 0.00 | 18.87 0.68 0.00 | 21.21 0.76 0.00 | 21.82 0.81 0.00 | 23.87 0.87 0.00 | 25.58 0.97 0.00 | 24.37 1.07 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.99 1.21 0.00 | 31.68 1.77 0.00 | 32.94 2.12 0.00 | 28.61 2.09 0.00 | 29.65 2.20 0.00 | 28.08 2.05 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.20 2.02 0.00 | 25.59 1.60 0.00 | 25.67 1.28 0.00 | 23.47 1.11 0.00 |
| FENNER___WINDPWR 24204 | 20.66 0.12 0.00 | 18.87 0.09 0.00 | 16.28 0.06 0.00 | 18.28 0.09 0.00 | 20.57 0.12 0.00 | 21.15 0.15 0.00 | 23.23 0.23 0.00 | 24.86 0.25 0.00 | 23.50 0.20 0.00 | 21.55 0.16 0.00 | 21.09 0.15 0.00 | 21.09 0.15 0.00 | 21.91 0.14 0.00 | 30.10 0.19 0.00 | 31.06 0.24 0.00 | 26.79 0.26 0.00 | 27.76 0.30 0.00 | 26.38 0.35 0.00 | 35.70 0.65 0.00 | 32.93 0.59 0.00 | 29.74 0.56 0.00 | 24.43 0.44 0.00 | 24.73 0.34 0.00 | 22.57 0.22 0.00 |
| FIBERTEK___ENERGY 23856 | 20.37 -0.17 0.00 | 18.62 -0.15 0.00 | 16.08 -0.15 0.00 | 18.03 -0.16 0.00 | 20.28 -0.17 0.00 | 20.85 -0.15 0.00 | 22.85 -0.15 0.00 | 24.43 -0.17 0.00 | 23.13 -0.17 0.00 | 21.25 -0.14 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.61 -0.16 0.00 | 29.70 -0.20 0.00 | 30.62 -0.19 0.00 | 26.41 -0.11 0.00 | 27.36 -0.09 0.00 | 25.97 -0.06 0.00 | 35.03 -0.03 0.00 | 32.29 -0.05 0.00 | 29.11 -0.08 0.00 | 23.92 -0.07 0.00 | 24.20 -0.18 0.00 | 22.13 -0.23 0.00 |
| FITZPATRICK____ 23598 | 19.97 -0.57 0.00 | 18.26 -0.52 0.00 | 15.76 -0.46 0.00 | 17.67 -0.51 0.00 | 19.88 -0.57 0.00 | 20.43 -0.58 0.00 | 22.36 -0.64 0.00 | 23.89 -0.71 0.00 | 22.63 -0.67 0.00 | 20.80 -0.59 0.00 | 20.36 -0.59 0.00 | 20.36 -0.59 0.00 | 21.12 -0.66 0.00 | 28.96 -0.94 0.00 | 29.86 -0.96 0.00 | 25.74 -0.79 0.00 | 26.62 -0.83 0.00 | 25.25 -0.78 0.00 | 34.05 -1.00 0.00 | 31.39 -0.95 0.00 | 28.32 -0.87 0.00 | 23.28 -0.71 0.00 | 23.61 -0.77 0.00 | 21.63 -0.73 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 21.70 1.16 0.00 | 19.79 1.02 0.00 | 17.16 0.93 0.00 | 19.12 0.94 0.00 | 21.51 1.06 0.00 | 22.23 1.22 0.00 | 24.39 1.40 0.00 | 26.11 1.50 0.00 | 24.82 1.52 0.00 | 22.74 1.35 0.00 | 22.26 1.32 0.00 | 22.26 1.32 0.00 | 26.32 1.58 -2.96 | 32.85 2.26 -0.68 | 34.37 2.68 -0.87 | 35.21 2.65 -6.03 | 30.29 2.84 0.00 | 28.56 2.53 0.00 | 38.25 3.19 0.00 | 35.24 2.91 0.00 | 31.86 2.67 0.00 | 26.04 2.05 0.00 | 26.45 1.78 -0.29 | 23.76 1.41 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 21.44 0.90 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.28 0.83 0.00 | 21.89 0.88 0.00 | 23.95 0.96 0.00 | 25.66 1.06 0.00 | 24.39 1.09 0.00 | 22.33 0.94 0.00 | 21.87 0.92 0.00 | 21.87 0.92 0.00 | 22.89 1.12 0.00 | 31.55 1.65 0.00 | 32.80 1.98 0.00 | 28.51 1.98 0.00 | 29.59 2.14 0.00 | 28.07 2.04 0.00 | 37.69 2.63 0.00 | 34.71 2.37 0.00 | 31.26 2.08 0.00 | 25.62 1.63 0.00 | 25.70 1.32 0.00 | 23.47 1.12 0.00 |
| FORT ORANGE____ 23900 | 21.03 0.49 0.00 | 19.26 0.49 0.00 | 16.72 0.49 0.00 | 18.69 0.50 0.00 | 20.97 0.52 0.00 | 21.49 0.48 0.00 | 23.43 0.44 0.00 | 25.02 0.42 0.00 | 23.71 0.41 0.00 | 21.64 0.25 0.00 | 21.18 0.23 0.00 | 21.18 0.23 0.00 | 21.97 0.20 0.00 | 30.06 0.15 0.00 | 31.24 0.43 0.00 | 27.03 0.50 0.00 | 28.15 0.69 0.00 | 26.72 0.69 0.00 | 36.00 0.95 0.00 | 33.43 1.09 0.00 | 30.16 0.97 0.00 | 24.70 0.71 0.00 | 24.81 0.43 0.00 | 22.71 0.36 0.00 |
| FORT_DRUM_COGEN 23780 | 19.22 -1.32 0.00 | 17.48 -1.30 0.00 | 15.03 -1.20 0.00 | 17.00 -1.19 0.00 | 19.29 -1.16 0.00 | 19.86 -1.15 0.00 | 21.93 -1.06 0.00 | 23.75 -0.85 0.00 | 22.65 -0.66 0.00 | 20.80 -0.59 0.00 | 20.36 -0.59 0.00 | 20.36 -0.59 0.00 | 20.96 -0.81 0.00 | 28.69 -1.22 0.00 | 29.48 -1.34 0.00 | 25.27 -1.26 0.00 | 25.95 -1.51 0.00 | 25.04 -0.99 0.00 | 34.20 -0.86 0.00 | 31.56 -0.77 0.00 | 28.41 -0.78 0.00 | 23.30 -0.69 0.00 | 23.73 -0.66 0.00 | 21.67 -0.69 0.00 |
| FOX_HILLS___ESR 323835 | 21.41 0.88 0.00 | 19.55 0.78 0.00 | 16.92 0.69 0.00 | 18.89 0.70 0.00 | 21.23 0.78 0.00 | 21.85 0.84 0.00 | 23.92 0.92 0.00 | 25.62 1.02 0.00 | 24.42 1.12 0.00 | 22.40 1.01 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 23.05 1.28 0.00 | 31.84 1.93 0.00 | 33.10 2.29 0.00 | 28.76 2.23 0.00 | 29.78 2.32 0.00 | 28.18 2.16 0.00 | 37.76 2.70 0.00 | 34.78 2.44 0.00 | 31.35 2.16 0.00 | 25.71 1.71 0.00 | 25.76 1.38 0.00 | 23.57 1.21 0.00 |
| FPL FAR_ROCK_GT1 24212 | 21.83 1.29 0.00 | 19.91 1.14 0.00 | 17.22 1.00 0.00 | 19.21 1.03 0.00 | 21.60 1.16 0.00 | 22.27 1.26 0.00 | 24.41 1.41 0.00 | 26.10 1.50 0.00 | 24.84 1.54 0.00 | 22.78 1.39 0.00 | 22.31 1.36 0.00 | 22.31 1.36 0.00 | 26.48 1.73 -2.97 | 33.14 2.56 -0.68 | 34.64 2.95 -0.87 | 35.38 2.83 -6.03 | 30.39 2.94 0.00 | 28.73 2.71 0.00 | 38.50 3.45 0.00 | 35.41 3.07 0.00 | 31.94 2.76 0.00 | 26.18 2.18 0.00 | 26.61 1.94 -0.29 | 23.99 1.64 0.00 |

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| FPL FAR_ROCK_GT2 23815 | 21.83 1.29 0.00 | 19.91 1.14 0.00 | 17.22 1.00 0.00 | 19.21 1.03 0.00 | 21.60 1.16 0.00 | 22.27 1.26 0.00 | 24.41 1.41 0.00 | 26.10 1.50 0.00 | 24.84 1.54 0.00 | 22.78 1.39 0.00 | 22.31 1.36 0.00 | 22.31 1.36 0.00 | 26.48 1.73 -2.97 | 33.14 2.56 -0.68 | 34.64 2.95 -0.87 | 35.38 2.83 -6.03 | 30.39 2.94 0.00 | 28.73 2.71 0.00 | 38.50 3.45 0.00 | 35.41 3.07 0.00 | 31.94 2.76 0.00 | 26.18 2.18 0.00 | 26.61 1.94 -0.29 | 23.99 1.64 0.00 |
| FRANKLIN_FALL_HYD 24054 | 20.51 -0.03 0.00 | 18.76 -0.02 0.00 | 16.16 -0.06 0.00 | 18.13 -0.05 0.00 | 20.46 0.01 0.00 | 21.07 0.06 0.00 | 23.21 0.21 0.00 | 24.96 0.36 0.00 | 23.53 0.23 0.00 | 21.68 0.29 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.08 0.30 0.00 | 30.24 0.33 0.00 | 31.00 0.18 0.00 | 26.52 0.00 0.00 | 27.34 -0.12 0.00 | 25.86 -0.17 0.00 | 34.91 -0.14 0.00 | 32.23 -0.10 0.00 | 28.94 -0.24 0.00 | 23.65 -0.34 0.00 | 24.25 -0.13 0.00 | 22.34 -0.01 0.00 |
| FREEPORT_EQUS_GT1 23764 | 21.72 1.18 0.00 | 19.80 1.03 0.00 | 17.13 0.91 0.00 | 19.10 0.93 0.00 | 21.48 1.03 0.00 | 22.16 1.15 0.00 | 24.29 1.29 0.00 | 25.98 1.37 0.00 | 24.74 1.43 0.00 | 22.66 1.27 0.00 | 22.18 1.24 0.00 | 22.18 1.24 0.00 | 26.30 1.56 -2.97 | 32.85 2.27 -0.68 | 34.31 2.63 -0.87 | 35.10 2.55 -6.03 | 30.11 2.65 0.00 | 28.47 2.45 0.00 | 38.15 3.09 0.00 | 35.09 2.75 0.00 | 31.65 2.47 0.00 | 25.96 1.96 0.00 | 26.43 1.76 -0.29 | 23.81 1.46 0.00 |
| FREEPORT___CT2 23818 | 21.72 1.18 0.00 | 19.80 1.03 0.00 | 17.13 0.91 0.00 | 19.10 0.93 0.00 | 21.48 1.03 0.00 | 22.16 1.15 0.00 | 24.29 1.29 0.00 | 25.98 1.37 0.00 | 24.74 1.43 0.00 | 22.66 1.27 0.00 | 22.18 1.24 0.00 | 22.18 1.24 0.00 | 26.30 1.56 -2.97 | 32.85 2.27 -0.68 | 34.31 2.63 -0.87 | 35.10 2.55 -6.03 | 30.11 2.65 0.00 | 28.47 2.45 0.00 | 38.15 3.09 0.00 | 35.09 2.75 0.00 | 31.65 2.47 0.00 | 25.96 1.96 0.00 | 26.43 1.76 -0.29 | 23.81 1.46 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 21.39 0.85 0.00 | 19.53 0.76 0.00 | 16.90 0.68 0.00 | 18.87 0.68 0.00 | 21.21 0.77 0.00 | 21.83 0.83 0.00 | 23.91 0.91 0.00 | 25.58 0.98 0.00 | 24.37 1.07 0.00 | 22.34 0.94 0.00 | 21.87 0.92 0.00 | 21.87 0.92 0.00 | 22.99 1.22 0.00 | 31.76 1.85 0.00 | 33.03 2.21 0.00 | 28.69 2.16 0.00 | 29.69 2.24 0.00 | 28.13 2.11 0.00 | 37.70 2.65 0.00 | 34.74 2.40 0.00 | 31.31 2.12 0.00 | 25.68 1.69 0.00 | 25.73 1.35 0.00 | 23.53 1.18 0.00 |
| FULTON COGEN____ 23766 | 20.11 -0.43 0.00 | 18.37 -0.40 0.00 | 15.86 -0.36 0.00 | 17.79 -0.40 0.00 | 20.02 -0.43 0.00 | 20.57 -0.43 0.00 | 22.54 -0.46 0.00 | 24.08 -0.52 0.00 | 22.81 -0.49 0.00 | 20.95 -0.44 0.00 | 20.50 -0.44 0.00 | 20.50 -0.44 0.00 | 21.25 -0.52 0.00 | 29.16 -0.74 0.00 | 30.07 -0.74 0.00 | 25.95 -0.58 0.00 | 26.86 -0.60 0.00 | 25.54 -0.49 0.00 | 34.44 -0.61 0.00 | 31.77 -0.57 0.00 | 28.66 -0.52 0.00 | 23.55 -0.44 0.00 | 23.84 -0.55 0.00 | 21.81 -0.55 0.00 |
| FULTON___LFGE 323630 | 21.61 1.07 0.00 | 19.70 0.93 0.00 | 17.01 0.79 0.00 | 19.04 0.85 0.00 | 21.44 0.99 0.00 | 22.07 1.06 0.00 | 24.23 1.23 0.00 | 25.71 1.10 0.00 | 23.89 0.59 0.00 | 21.73 0.34 0.00 | 21.28 0.33 0.00 | 21.28 0.33 0.00 | 22.13 0.36 0.00 | 30.51 0.60 0.00 | 31.46 0.65 0.00 | 27.15 0.62 0.00 | 28.23 0.77 0.00 | 26.83 0.80 0.00 | 36.90 1.84 0.00 | 34.38 2.04 0.00 | 31.06 1.87 0.00 | 25.51 1.52 0.00 | 25.81 1.43 0.00 | 23.61 1.26 0.00 |
| G.F.CEMENT___DRP 24184 | 21.96 1.42 0.00 | 20.20 1.43 0.00 | 17.54 1.32 0.00 | 19.62 1.44 0.00 | 21.91 1.46 0.00 | 22.43 1.42 0.00 | 24.42 1.42 0.00 | 26.04 1.43 0.00 | 24.47 1.17 0.00 | 22.24 0.86 0.00 | 21.76 0.82 0.00 | 21.76 0.82 0.00 | 22.67 0.89 0.00 | 31.22 1.31 0.00 | 32.58 1.76 0.00 | 28.30 1.77 0.00 | 29.56 2.11 0.00 | 28.10 2.07 0.00 | 37.84 2.79 0.00 | 35.12 2.78 0.00 | 31.67 2.48 0.00 | 25.91 1.91 0.00 | 26.06 1.67 0.00 | 23.81 1.46 0.00 |
| GARDENVILLE___LBMP 24039 | 19.39 -1.15 0.00 | 17.80 -0.97 0.00 | 15.30 -0.92 0.00 | 17.17 -1.01 0.00 | 19.33 -1.12 0.00 | 19.87 -1.14 0.00 | 21.85 -1.15 0.00 | 23.39 -1.21 0.00 | 22.16 -1.14 0.00 | 20.64 -0.74 0.00 | 20.21 -0.73 0.00 | 20.21 -0.73 0.00 | 21.32 -0.45 0.00 | 29.60 -0.30 0.00 | 30.24 -0.57 0.00 | 26.01 -0.52 0.00 | 26.53 -0.92 0.00 | 24.95 -1.07 0.00 | 33.79 -1.26 0.00 | 30.97 -1.36 0.00 | 27.90 -1.28 0.00 | 23.01 -0.99 0.00 | 23.36 -1.02 0.00 | 21.24 -1.12 0.00 |
| GARDNVLA_35_KV_LD 355827 | 19.45 -1.09 0.00 | 17.86 -0.91 0.00 | 15.35 -0.88 0.00 | 17.22 -0.97 0.00 | 19.38 -1.07 0.00 | 19.91 -1.09 0.00 | 21.91 -1.09 0.00 | 23.46 -1.14 0.00 | 22.23 -1.07 0.00 | 20.72 -0.67 0.00 | 20.30 -0.65 0.00 | 20.30 -0.65 0.00 | 21.42 -0.35 0.00 | 29.75 -0.15 0.00 | 30.40 -0.42 0.00 | 26.13 -0.40 0.00 | 26.67 -0.79 0.00 | 25.08 -0.95 0.00 | 33.96 -1.09 0.00 | 31.11 -1.23 0.00 | 28.03 -1.16 0.00 | 23.10 -0.89 0.00 | 23.46 -0.93 0.00 | 21.31 -1.04 0.00 |
| GELCKHM___115KV_LOAD 80723 | 20.24 -0.30 0.00 | 18.50 -0.27 0.00 | 15.97 -0.25 0.00 | 17.91 -0.27 0.00 | 20.15 -0.30 0.00 | 20.71 -0.30 0.00 | 22.69 -0.31 0.00 | 24.25 -0.35 0.00 | 22.98 -0.33 0.00 | 21.11 -0.27 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.47 -0.30 0.00 | 29.49 -0.41 0.00 | 30.41 -0.41 0.00 | 26.23 -0.30 0.00 | 27.16 -0.30 0.00 | 25.76 -0.27 0.00 | 34.74 -0.31 0.00 | 32.02 -0.31 0.00 | 28.87 -0.31 0.00 | 23.74 -0.26 0.00 | 24.03 -0.35 0.00 | 21.98 -0.38 0.00 |
| GENERAL___MILLS 23808 | 19.43 -1.11 0.00 | 17.83 -0.94 0.00 | 15.33 -0.89 0.00 | 17.20 -0.99 0.00 | 19.36 -1.09 0.00 | 19.90 -1.11 0.00 | 21.89 -1.11 0.00 | 23.43 -1.17 0.00 | 22.21 -1.10 0.00 | 20.69 -0.69 0.00 | 20.27 -0.67 0.00 | 20.27 -0.67 0.00 | 21.38 -0.39 0.00 | 29.68 -0.22 0.00 | 30.33 -0.49 0.00 | 26.07 -0.46 0.00 | 26.59 -0.87 0.00 | 25.02 -1.01 0.00 | 33.89 -1.16 0.00 | 31.05 -1.29 0.00 | 27.97 -1.22 0.00 | 23.06 -0.93 0.00 | 23.42 -0.97 0.00 | 21.28 -1.07 0.00 |
| GE_PLASTICS___DRP 24183 | 20.97 0.43 0.00 | 19.19 0.42 0.00 | 16.65 0.43 0.00 | 18.62 0.44 0.00 | 20.91 0.46 0.00 | 21.44 0.42 0.00 | 23.39 0.39 0.00 | 24.98 0.38 0.00 | 23.69 0.38 0.00 | 21.65 0.26 0.00 | 21.20 0.25 0.00 | 21.20 0.25 0.00 | 22.00 0.23 0.00 | 30.13 0.23 0.00 | 31.27 0.46 0.00 | 27.04 0.52 0.00 | 28.12 0.67 0.00 | 26.68 0.66 0.00 | 35.91 0.86 0.00 | 33.27 0.94 0.00 | 30.01 0.82 0.00 | 24.58 0.59 0.00 | 24.73 0.35 0.00 | 22.65 0.30 0.00 |
| GILBOA___1 23756 | 20.93 0.39 0.00 | 19.14 0.37 0.00 | 16.58 0.35 0.00 | 18.61 0.43 0.00 | 20.91 0.46 0.00 | 21.40 0.39 0.00 | 23.39 0.39 0.00 | 25.02 0.42 0.00 | 23.72 0.42 0.00 | 21.71 0.32 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.06 0.28 0.00 | 30.37 0.47 0.00 | 31.48 0.66 0.00 | 27.24 0.71 0.00 | 28.26 0.80 0.00 | 26.78 0.75 0.00 | 35.96 0.91 0.00 | 33.25 0.91 0.00 | 30.02 0.83 0.00 | 24.63 0.63 0.00 | 24.80 0.42 0.00 | 22.70 0.34 0.00 |
| GILBOA___2 23757 | 20.93 0.39 0.00 | 19.14 0.37 0.00 | 16.58 0.35 0.00 | 18.61 0.43 0.00 | 20.91 0.46 0.00 | 21.40 0.39 0.00 | 23.39 0.39 0.00 | 25.02 0.42 0.00 | 23.72 0.42 0.00 | 21.71 0.32 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.06 0.28 0.00 | 30.37 0.47 0.00 | 31.48 0.66 0.00 | 27.24 0.71 0.00 | 28.26 0.80 0.00 | 26.78 0.75 0.00 | 35.96 0.91 0.00 | 33.25 0.91 0.00 | 30.02 0.83 0.00 | 24.63 0.63 0.00 | 24.80 0.42 0.00 | 22.70 0.34 0.00 |

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| GILBOA___3 23758 | 20.93 0.39 0.00 | 19.14 0.37 0.00 | 16.58 0.35 0.00 | 18.61 0.43 0.00 | 20.91 0.46 0.00 | 21.40 0.39 0.00 | 23.39 0.39 0.00 | 25.02 0.42 0.00 | 23.72 0.42 0.00 | 21.71 0.32 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.06 0.28 0.00 | 30.37 0.47 0.00 | 31.48 0.66 0.00 | 27.24 0.71 0.00 | 28.26 0.80 0.00 | 26.78 0.75 0.00 | 35.96 0.91 0.00 | 33.25 0.91 0.00 | 30.02 0.83 0.00 | 24.63 0.63 0.00 | 24.80 0.42 0.00 | 22.70 0.34 0.00 |
| GILBOA___4 23759 | 20.93 0.39 0.00 | 19.14 0.37 0.00 | 16.58 0.35 0.00 | 18.61 0.43 0.00 | 20.91 0.46 0.00 | 21.40 0.39 0.00 | 23.39 0.39 0.00 | 25.02 0.42 0.00 | 23.72 0.42 0.00 | 21.71 0.32 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.06 0.28 0.00 | 30.37 0.47 0.00 | 31.48 0.66 0.00 | 27.24 0.71 0.00 | 28.26 0.80 0.00 | 26.78 0.75 0.00 | 35.96 0.91 0.00 | 33.25 0.91 0.00 | 30.02 0.83 0.00 | 24.63 0.63 0.00 | 24.80 0.42 0.00 | 22.70 0.34 0.00 |
| GILBOA___ 23599 | 20.93 0.40 0.00 | 19.14 0.37 0.00 | 16.58 0.35 0.00 | 18.61 0.43 0.00 | 20.91 0.46 0.00 | 21.40 0.39 0.00 | 23.39 0.40 0.00 | 25.02 0.42 0.00 | 23.72 0.42 0.00 | 21.71 0.32 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.06 0.28 0.00 | 30.37 0.46 0.00 | 31.48 0.66 0.00 | 27.24 0.71 0.00 | 28.26 0.80 0.00 | 26.78 0.75 0.00 | 35.96 0.91 0.00 | 33.25 0.91 0.00 | 30.02 0.83 0.00 | 24.63 0.63 0.00 | 24.80 0.42 0.00 | 22.70 0.35 0.00 |
| GINNA___ 23603 | 19.09 -1.45 0.00 | 17.48 -1.30 0.00 | 15.05 -1.18 0.00 | 16.87 -1.31 0.00 | 18.98 -1.46 0.00 | 19.52 -1.49 0.00 | 21.43 -1.57 0.00 | 22.93 -1.67 0.00 | 21.70 -1.61 0.00 | 20.06 -1.33 0.00 | 19.65 -1.30 0.00 | 19.65 -1.30 0.00 | 20.57 -1.21 0.00 | 28.43 -1.48 0.00 | 29.22 -1.60 0.00 | 25.16 -1.36 0.00 | 25.89 -1.57 0.00 | 24.48 -1.54 0.00 | 33.15 -1.90 0.00 | 30.46 -1.88 0.00 | 27.44 -1.75 0.00 | 22.53 -1.46 0.00 | 22.83 -1.55 0.00 | 20.80 -1.55 0.00 |
| GLEN PARK___ 23778 | 19.23 -1.31 0.00 | 17.49 -1.28 0.00 | 15.03 -1.20 0.00 | 17.01 -1.18 0.00 | 19.30 -1.15 0.00 | 19.86 -1.15 0.00 | 21.95 -1.04 0.00 | 23.76 -0.84 0.00 | 22.66 -0.64 0.00 | 20.81 -0.57 0.00 | 20.38 -0.56 0.00 | 20.38 -0.56 0.00 | 20.95 -0.82 0.00 | 28.67 -1.23 0.00 | 29.44 -1.38 0.00 | 25.25 -1.27 0.00 | 25.91 -1.54 0.00 | 25.04 -0.99 0.00 | 34.21 -0.84 0.00 | 31.57 -0.76 0.00 | 28.43 -0.76 0.00 | 23.30 -0.69 0.00 | 23.74 -0.64 0.00 | 21.69 -0.67 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 21.52 0.98 0.00 | 19.64 0.87 0.00 | 17.01 0.78 0.00 | 18.99 0.80 0.00 | 21.34 0.88 0.00 | 21.95 0.94 0.00 | 24.03 1.03 0.00 | 25.75 1.15 0.00 | 24.56 1.26 0.00 | 22.54 1.15 0.00 | 22.08 1.13 0.00 | 22.08 1.13 0.00 | 23.17 1.40 0.00 | 31.97 2.07 0.00 | 33.23 2.42 0.00 | 28.88 2.35 0.00 | 29.92 2.47 0.00 | 28.32 2.29 0.00 | 37.92 2.87 0.00 | 34.91 2.57 0.00 | 31.46 2.28 0.00 | 25.81 1.82 0.00 | 25.86 1.47 0.00 | 23.65 1.30 0.00 |
| GLENWOOD_IC_1_G5 23712 | 21.67 1.14 0.00 | 19.76 0.99 0.00 | 17.10 0.88 0.00 | 19.08 0.90 0.00 | 21.45 1.00 0.00 | 22.12 1.11 0.00 | 24.25 1.25 0.00 | 25.84 1.24 0.00 | 24.61 1.30 0.00 | 22.55 1.16 0.00 | 22.08 1.13 0.00 | 22.08 1.13 0.00 | 26.21 1.47 -2.96 | 32.74 2.15 -0.68 | 34.21 2.52 -0.87 | 35.01 2.45 -6.03 | 30.00 2.55 0.00 | 28.29 2.27 0.00 | 37.89 2.83 0.00 | 34.85 2.51 0.00 | 31.43 2.25 0.00 | 25.93 1.93 0.00 | 26.37 1.69 -0.29 | 23.76 1.41 0.00 |
| GLENWOOD_IC_2_G1 23688 | 21.62 1.08 0.00 | 19.71 0.94 0.00 | 17.06 0.84 0.00 | 19.04 0.86 0.00 | 21.41 0.96 0.00 | 22.07 1.06 0.00 | 24.18 1.19 0.00 | 25.85 1.24 0.00 | 24.60 1.30 0.00 | 22.55 1.16 0.00 | 22.07 1.13 0.00 | 22.07 1.13 0.00 | 26.19 1.45 -2.97 | 32.70 2.12 -0.68 | 34.17 2.49 -0.87 | 34.97 2.41 -6.03 | 29.97 2.52 0.00 | 28.33 2.30 0.00 | 37.94 2.89 0.00 | 34.91 2.57 0.00 | 31.48 2.29 0.00 | 25.86 1.86 0.00 | 26.28 1.61 -0.29 | 23.69 1.34 0.00 |
| GLENWOOD_IC_3_G1 23689 | 21.62 1.08 0.00 | 19.71 0.94 0.00 | 17.06 0.84 0.00 | 19.04 0.86 0.00 | 21.41 0.96 0.00 | 22.07 1.06 0.00 | 24.18 1.19 0.00 | 25.85 1.24 0.00 | 24.60 1.30 0.00 | 22.55 1.16 0.00 | 22.07 1.13 0.00 | 22.07 1.13 0.00 | 26.19 1.45 -2.97 | 32.70 2.12 -0.68 | 34.17 2.49 -0.87 | 34.97 2.41 -6.03 | 29.97 2.52 0.00 | 28.33 2.30 0.00 | 37.94 2.89 0.00 | 34.91 2.57 0.00 | 31.48 2.29 0.00 | 25.86 1.86 0.00 | 26.28 1.61 -0.29 | 23.69 1.34 0.00 |
| GLENWOOD___4 23550 | 21.67 1.14 0.00 | 19.76 0.99 0.00 | 17.10 0.88 0.00 | 19.08 0.90 0.00 | 21.45 1.00 0.00 | 22.12 1.11 0.00 | 24.25 1.25 0.00 | 25.87 1.27 0.00 | 24.64 1.34 0.00 | 22.59 1.20 0.00 | 22.12 1.17 0.00 | 22.12 1.17 0.00 | 26.24 1.50 -2.96 | 32.77 2.19 -0.68 | 34.24 2.56 -0.87 | 35.04 2.49 -6.03 | 30.05 2.60 0.00 | 28.36 2.33 0.00 | 37.97 2.92 0.00 | 34.93 2.60 0.00 | 31.50 2.31 0.00 | 25.93 1.93 0.00 | 26.37 1.69 -0.29 | 23.76 1.41 0.00 |
| GLENWOOD___5 23614 | 21.67 1.14 0.00 | 19.76 0.99 0.00 | 17.10 0.88 0.00 | 19.08 0.90 0.00 | 21.45 1.00 0.00 | 22.12 1.11 0.00 | 24.25 1.25 0.00 | 25.87 1.27 0.00 | 24.64 1.34 0.00 | 22.59 1.20 0.00 | 22.12 1.17 0.00 | 22.12 1.17 0.00 | 26.24 1.50 -2.96 | 32.77 2.19 -0.68 | 34.24 2.56 -0.87 | 35.04 2.49 -6.03 | 30.05 2.60 0.00 | 28.36 2.33 0.00 | 37.97 2.92 0.00 | 34.93 2.60 0.00 | 31.50 2.31 0.00 | 25.93 1.93 0.00 | 26.37 1.69 -0.29 | 23.76 1.41 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 21.94 1.40 0.00 | 19.96 1.18 0.00 | 17.36 1.14 0.00 | 19.35 1.17 0.00 | 21.82 1.38 0.00 | 22.73 1.72 0.00 | 25.08 2.08 0.00 | 26.82 2.21 0.00 | 25.55 2.25 0.00 | 23.50 2.11 0.00 | 23.02 2.07 0.00 | 23.02 2.07 0.00 | 27.13 2.38 -2.97 | 34.00 3.42 -0.68 | 35.56 3.87 -0.87 | 36.18 3.62 -6.03 | 31.28 3.82 0.00 | 29.61 3.58 0.00 | 39.46 4.41 0.00 | 36.23 3.89 0.00 | 32.64 3.45 0.00 | 26.76 2.77 0.00 | 27.17 2.49 -0.29 | 24.24 1.88 0.00 |
| GLOBE___DSASP 323697 | 18.76 -1.78 0.00 | 17.23 -1.54 0.00 | 14.82 -1.41 0.00 | 16.62 -1.57 0.00 | 18.69 -1.76 0.00 | 19.19 -1.82 0.00 | 21.07 -1.93 0.00 | 22.52 -2.09 0.00 | 21.33 -1.98 0.00 | 19.90 -1.49 0.00 | 19.50 -1.45 0.00 | 19.50 -1.45 0.00 | 20.56 -1.21 0.00 | 28.49 -1.41 0.00 | 29.01 -1.81 0.00 | 24.89 -1.64 0.00 | 25.33 -2.13 0.00 | 23.82 -2.21 0.00 | 32.32 -2.74 0.00 | 29.61 -2.73 0.00 | 26.72 -2.47 0.00 | 22.06 -1.93 0.00 | 22.48 -1.91 0.00 | 20.49 -1.87 0.00 |
| GOETHSLN___LBMP 323567 | 21.30 0.77 0.00 | 19.45 0.67 0.00 | 16.83 0.61 0.00 | 18.80 0.61 0.00 | 21.13 0.68 0.00 | 21.74 0.73 0.00 | 23.77 0.77 0.00 | 25.46 0.86 0.00 | 24.28 0.98 0.00 | 22.27 0.89 0.00 | 21.82 0.88 0.00 | 21.82 0.88 0.00 | 22.91 1.13 0.00 | 31.55 1.65 0.00 | 32.83 2.01 0.00 | 28.51 1.98 0.00 | 29.54 2.09 0.00 | 27.97 1.94 0.00 | 37.46 2.41 0.00 | 34.49 2.15 0.00 | 31.09 1.90 0.00 | 25.50 1.50 0.00 | 25.57 1.18 0.00 | 23.39 1.04 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 19.90 -0.64 0.00 | 18.22 -0.55 0.00 | 15.69 -0.54 0.00 | 17.58 -0.60 0.00 | 19.78 -0.66 0.00 | 20.35 -0.66 0.00 | 22.34 -0.65 0.00 | 23.91 -0.69 0.00 | 22.60 -0.71 0.00 | 20.89 -0.49 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.45 -0.32 0.00 | 29.68 -0.22 0.00 | 30.47 -0.35 0.00 | 26.25 -0.28 0.00 | 26.94 -0.52 0.00 | 25.43 -0.60 0.00 | 34.55 -0.50 0.00 | 31.75 -0.59 0.00 | 28.62 -0.56 0.00 | 23.53 -0.46 0.00 | 23.84 -0.55 0.00 | 21.70 -0.66 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| GOODYEAR_LAKE_HYD 323669 | 21.03 0.49 0.00 | 19.18 0.41 0.00 | 16.56 0.33 0.00 | 18.55 0.37 0.00 | 20.90 0.45 0.00 | 21.50 0.49 0.00 | 23.63 0.63 0.00 | 25.32 0.71 0.00 | 23.98 0.68 0.00 | 22.01 0.63 0.00 | 21.55 0.61 0.00 | 21.55 0.61 0.00 | 22.47 0.70 0.00 | 31.00 1.10 0.00 | 31.97 1.15 0.00 | 27.60 1.07 0.00 | 28.57 1.11 0.00 | 27.04 1.02 0.00 | 36.45 1.39 0.00 | 33.59 1.25 0.00 | 30.30 1.11 0.00 | 24.91 0.92 0.00 | 25.19 0.81 0.00 | 23.01 0.65 0.00 |
| GOUDEY_I15_KV_TB6_REV_LBMP_C 345031 | 20.38 -0.16 0.00 | 18.64 -0.13 0.00 | 16.09 -0.13 0.00 | 18.06 -0.13 0.00 | 20.32 -0.14 0.00 | 20.87 -0.14 0.00 | 22.89 -0.11 0.00 | 24.51 -0.10 0.00 | 23.21 -0.09 0.00 | 21.34 -0.04 0.00 | 20.88 -0.06 0.00 | 20.88 -0.06 0.00 | 21.80 0.03 0.00 | 30.12 0.22 0.00 | 31.06 0.25 0.00 | 26.86 0.33 0.00 | 27.75 0.70 0.00 | 26.25 0.21 0.00 | 35.32 0.27 0.00 | 32.56 0.22 0.00 | 29.31 0.12 0.00 | 24.11 0.12 0.00 | 24.36 -0.03 0.00 | 22.19 -0.16 0.00 |
| GOUDEY___7 23579 | 20.38 -0.16 0.00 | 18.64 -0.13 0.00 | 16.09 -0.13 0.00 | 18.06 -0.13 0.00 | 20.32 -0.14 0.00 | 20.87 -0.14 0.00 | 22.89 -0.11 0.00 | 24.51 -0.10 0.00 | 23.21 -0.09 0.00 | 21.34 -0.04 0.00 | 20.88 -0.06 0.00 | 20.88 -0.06 0.00 | 21.80 0.03 0.00 | 30.12 0.22 0.00 | 31.06 0.25 0.00 | 26.86 0.33 0.00 | 27.75 0.30 0.00 | 26.25 0.21 0.00 | 35.32 0.27 0.00 | 32.56 0.22 0.00 | 29.31 0.12 0.00 | 24.11 0.12 0.00 | 24.36 -0.03 0.00 | 22.19 -0.16 0.00 |
| GOUDEY___8 23580 | 20.38 -0.16 0.00 | 18.64 -0.13 0.00 | 16.09 -0.13 0.00 | 18.06 -0.13 0.00 | 20.32 -0.14 0.00 | 20.87 -0.14 0.00 | 22.89 -0.11 0.00 | 24.51 -0.10 0.00 | 23.21 -0.09 0.00 | 21.34 -0.04 0.00 | 20.88 -0.06 0.00 | 20.88 -0.06 0.00 | 21.80 0.03 0.00 | 30.12 0.22 0.00 | 31.06 0.25 0.00 | 26.86 0.33 0.00 | 27.75 0.30 0.00 | 26.25 0.21 0.00 | 35.32 0.27 0.00 | 32.56 0.22 0.00 | 29.31 0.12 0.00 | 24.11 0.12 0.00 | 24.36 -0.03 0.00 | 22.19 -0.16 0.00 |
| GOWANUS_GT1_1 24077 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT1_2 24078 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT1_3 24079 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT1_4 24080 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT1_5 24084 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT1_6 24111 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT1_7 24112 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT1_8 24113 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT2_1 24114 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| GOWANUS_GT2_2 24115 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| GOWANUS_GT2_3 24116 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |

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| GOWANUS_GT2_4 24117 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT2_5 24118 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT2_6 24119 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT2_7 24120 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT2_8 24121 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT3_1 24122 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT3_2 24123 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT3_3 24124 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT3_4 24125 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT3_5 24126 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT3_6 24127 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT3_7 24128 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT3_8 24129 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.75</u> 0.00 | 21.27 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.22 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.79</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.63 <u>1.28</u> 0.00 |
| GOWANUS_GT4_1 24130 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.74</u> 0.00 | 21.28 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.21 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.78</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.62 <u>1.27</u> 0.00 |
| GOWANUS_GT4_2 24131 | 21.46 <u>0.92</u> 0.00 | 19.60 <u>0.83</u> 0.00 | 16.96 <u>0.73</u> 0.00 | 18.93 <u>0.74</u> 0.00 | 21.28 <u>0.83</u> 0.00 | 21.90 <u>0.89</u> 0.00 | 23.97 <u>0.97</u> 0.00 | 25.69 <u>1.09</u> 0.00 | 24.50 <u>1.20</u> 0.00 | 22.49 <u>1.11</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 22.03 <u>1.09</u> 0.00 | 23.14 <u>1.36</u> 0.00 | 31.94 <u>2.04</u> 0.00 | 33.21 <u>2.40</u> 0.00 | 28.86 <u>2.33</u> 0.00 | 29.88 <u>2.42</u> 0.00 | 28.27 <u>2.24</u> 0.00 | 37.86 <u>2.81</u> 0.00 | 34.86 <u>2.52</u> 0.00 | 31.43 <u>2.24</u> 0.00 | 25.78 <u>1.78</u> 0.00 | 25.83 <u>1.44</u> 0.00 | 23.62 <u>1.27</u> 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_3 24132 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT4_4 24133 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT4_5 24134 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT4_6 24135 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT4_7 24136 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GOWANUS_GT4_8 24137 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GREENBSH_115KV_TB3 55895 | 20.92 0.38 0.00 | 19.16 0.39 0.00 | 16.63 0.41 0.00 | 18.59 0.41 0.00 | 20.86 0.41 0.00 | 21.37 0.37 0.00 | 23.30 0.31 0.00 | 24.88 0.28 0.00 | 23.60 0.30 0.00 | 21.56 0.18 0.00 | 21.11 0.17 0.00 | 21.11 0.17 0.00 | 21.91 0.14 0.00 | 29.96 0.06 0.00 | 31.14 0.32 0.00 | 26.93 0.40 0.00 | 28.03 0.57 0.00 | 26.59 0.56 0.00 | 35.78 0.72 0.00 | 33.19 0.85 0.00 | 29.93 0.75 0.00 | 24.53 0.53 0.00 | 24.66 0.27 0.00 | 22.58 0.23 0.00 |
| GREENIDGE_115KV_TB5 80291 | 20.17 -0.37 0.00 | 18.44 -0.33 0.00 | 15.88 -0.35 0.00 | 17.81 -0.37 0.00 | 20.09 -0.36 0.00 | 20.65 -0.36 0.00 | 22.74 -0.25 0.00 | 24.42 -0.19 0.00 | 23.07 -0.23 0.00 | 21.20 -0.18 0.00 | 20.73 -0.21 0.00 | 20.73 -0.21 0.00 | 21.63 -0.14 0.00 | 29.93 0.03 0.00 | 30.84 0.02 0.00 | 26.65 0.12 0.00 | 27.57 0.12 0.00 | 26.08 0.05 0.00 | 35.18 0.13 0.00 | 32.53 0.19 0.00 | 29.28 0.09 0.00 | 24.09 0.09 0.00 | 24.31 -0.07 0.00 | 22.08 -0.27 0.00 |
| GREENIDGE___3 23582 | 20.17 -0.37 0.00 | 18.44 -0.33 0.00 | 15.88 -0.35 0.00 | 17.81 -0.37 0.00 | 20.09 -0.36 0.00 | 20.65 -0.36 0.00 | 22.74 -0.25 0.00 | 24.42 -0.19 0.00 | 23.07 -0.23 0.00 | 21.20 -0.18 0.00 | 20.73 -0.21 0.00 | 20.73 -0.21 0.00 | 21.63 -0.14 0.00 | 29.93 0.03 0.00 | 30.84 0.02 0.00 | 26.65 0.12 0.00 | 27.57 0.12 0.00 | 26.08 0.05 0.00 | 35.18 0.13 0.00 | 32.53 0.19 0.00 | 29.28 0.09 0.00 | 24.09 0.09 0.00 | 24.31 -0.07 0.00 | 22.08 -0.27 0.00 |
| GREENIDGE___4 23583 | 20.17 -0.37 0.00 | 18.44 -0.33 0.00 | 15.88 -0.35 0.00 | 17.81 -0.37 0.00 | 20.09 -0.36 0.00 | 20.65 -0.36 0.00 | 22.75 -0.25 0.00 | 24.42 -0.19 0.00 | 23.07 -0.23 0.00 | 21.20 -0.18 0.00 | 20.73 -0.21 0.00 | 20.73 -0.21 0.00 | 21.63 -0.14 0.00 | 29.93 0.03 0.00 | 30.84 0.02 0.00 | 26.65 0.12 0.00 | 27.57 0.12 0.00 | 26.08 0.05 0.00 | 35.19 0.13 0.00 | 32.53 0.19 0.00 | 29.28 0.09 0.00 | 24.09 0.09 0.00 | 24.31 -0.07 0.00 | 22.09 -0.26 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 21.63 1.09 0.00 | 19.73 0.96 0.00 | 17.09 0.87 0.00 | 19.05 0.87 0.00 | 21.42 0.98 0.00 | 22.11 1.10 0.00 | 24.23 1.23 0.00 | 25.90 1.30 0.00 | 24.66 1.36 0.00 | 22.57 1.19 0.00 | 22.10 1.15 0.00 | 22.10 1.15 0.00 | 26.20 1.45 -2.96 | 32.59 2.01 -0.68 | 34.05 2.36 -0.87 | 34.88 2.32 -6.03 | 29.91 2.45 0.00 | 28.28 2.25 0.00 | 37.89 2.84 0.00 | 34.87 2.53 0.00 | 31.47 2.29 0.00 | 25.78 1.78 0.00 | 26.23 1.56 -0.29 | 23.65 1.30 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |
| GRISSOM___SOLAR 323813 | 21.61 1.07 0.00 | 19.71 0.94 0.00 | 17.03 0.80 0.00 | 19.06 0.88 0.00 | 21.45 1.00 0.00 | 22.07 1.06 0.00 | 24.20 1.21 0.00 | 25.63 1.03 0.00 | 23.76 0.46 0.00 | 21.56 0.18 0.00 | 21.11 0.17 0.00 | 21.11 0.17 0.00 | 21.94 0.16 0.00 | 30.20 0.29 0.00 | 31.19 0.37 0.00 | 26.93 0.40 0.00 | 28.02 0.57 0.00 | 26.69 0.66 0.00 | 36.83 1.77 0.00 | 34.39 2.05 0.00 | 31.04 1.86 0.00 | 25.47 1.48 0.00 | 25.75 1.36 0.00 | 23.54 1.19 0.00 |
| GROVEVILLE___HYD 323602 | 21.44 0.90 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.28 0.83 0.00 | 21.89 0.88 0.00 | 23.95 0.96 0.00 | 25.66 1.06 0.00 | 24.39 1.09 0.00 | 22.33 0.94 0.00 | 21.87 0.92 0.00 | 21.87 0.92 0.00 | 22.89 1.12 0.00 | 31.55 1.65 0.00 | 32.80 1.98 0.00 | 28.51 1.98 0.00 | 29.59 2.14 0.00 | 28.07 2.04 0.00 | 37.69 2.63 0.00 | 34.71 2.37 0.00 | 31.26 2.08 0.00 | 25.62 1.63 0.00 | 25.70 1.32 0.00 | 23.47 1.12 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 20.37 -0.17 0.00 | 18.62 -0.15 0.00 | 16.08 -0.15 0.00 | 18.03 -0.16 0.00 | 20.28 -0.17 0.00 | 20.85 -0.15 0.00 | 22.85 -0.15 0.00 | 24.43 -0.17 0.00 | 23.13 -0.17 0.00 | 21.25 -0.14 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.61 -0.16 0.00 | 29.70 -0.20 0.00 | 30.62 -0.19 0.00 | 26.41 -0.11 0.00 | 27.36 -0.09 0.00 | 25.97 -0.06 0.00 | 35.03 -0.03 0.00 | 32.29 -0.05 0.00 | 29.11 -0.08 0.00 | 23.92 -0.07 0.00 | 24.20 -0.18 0.00 | 22.13 -0.23 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 20.36 -0.18 0.00 | 18.63 -0.14 0.00 | 16.08 -0.14 0.00 | 18.01 -0.17 0.00 | 20.27 -0.18 0.00 | 20.87 -0.14 0.00 | 22.84 -0.15 0.00 | 24.44 -0.16 0.00 | 23.14 -0.16 0.00 | 21.25 -0.14 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.62 -0.15 0.00 | 29.74 -0.17 0.00 | 30.66 -0.16 0.00 | 26.44 -0.09 0.00 | 27.40 -0.06 0.00 | 25.99 -0.03 0.00 | 35.11 0.05 0.00 | 32.35 0.01 0.00 | 29.16 -0.02 0.00 | 23.96 -0.03 0.00 | 24.22 -0.16 0.00 | 22.13 -0.22 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 19.61 -0.93 0.00 | 17.86 -0.91 0.00 | 15.38 -0.84 0.00 | 17.32 -0.86 0.00 | 19.58 -0.87 0.00 | 20.17 -0.84 0.00 | 22.22 -0.78 0.00 | 24.00 -0.60 0.00 | 22.77 -0.53 0.00 | 20.90 -0.48 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.18 -0.60 0.00 | 29.04 -0.87 0.00 | 29.83 -0.99 0.00 | 25.53 -1.00 0.00 | 26.24 -1.21 0.00 | 25.09 -0.93 0.00 | 34.08 -0.97 0.00 | 31.46 -0.88 0.00 | 28.36 -0.82 0.00 | 23.24 -0.75 0.00 | 23.81 -0.58 0.00 | 21.82 -0.54 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 20.71 0.18 0.00 | 18.92 0.14 0.00 | 16.44 0.21 0.00 | 18.39 0.21 0.00 | 20.64 0.19 0.00 | 21.12 0.11 0.00 | 23.07 0.08 0.00 | 24.56 -0.04 0.00 | 23.09 -0.21 0.00 | 20.93 -0.45 0.00 | 20.44 -0.50 0.00 | 20.44 -0.50 0.00 | 21.31 -0.46 0.00 | 29.21 -0.70 0.00 | 30.32 -0.50 0.00 | 26.20 -0.32 0.00 | 27.43 -0.03 0.00 | 26.19 0.16 0.00 | 35.56 0.51 0.00 | 33.07 0.72 0.00 | 29.84 0.65 0.00 | 24.49 0.49 0.00 | 24.62 0.24 0.00 | 22.48 0.12 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 21.27 0.74 0.00 | 19.42 0.65 0.00 | 16.80 0.57 0.00 | 18.76 0.58 0.00 | 21.11 0.65 0.00 | 21.72 0.71 0.00 | 23.77 0.77 0.00 | 25.48 0.88 0.00 | 24.23 0.93 0.00 | 22.21 0.82 0.00 | 21.74 0.80 0.00 | 21.74 0.80 0.00 | 22.82 1.05 0.00 | 31.50 1.60 0.00 | 32.72 1.90 0.00 | 28.41 1.89 0.00 | 29.47 2.02 0.00 | 27.94 1.91 0.00 | 37.49 2.44 0.00 | 34.53 2.20 0.00 | 31.08 1.90 0.00 | 25.47 1.48 0.00 | 25.55 1.17 0.00 | 23.35 0.99 0.00 |
| HARSNRAD_115KV_TB1 81005 | 19.17 -1.37 0.00 | 17.60 -1.17 0.00 | 15.13 -1.10 0.00 | 16.97 -1.21 0.00 | 19.10 -1.35 0.00 | 19.62 -1.39 0.00 | 21.56 -1.43 0.00 | 23.06 -1.55 0.00 | 21.83 -1.47 0.00 | 20.33 -1.06 0.00 | 19.92 -1.03 0.00 | 19.92 -1.03 0.00 | 20.99 -0.78 0.00 | 29.14 -0.76 0.00 | 29.69 -1.12 0.00 | 25.50 -1.02 0.00 | 25.98 -1.47 0.00 | 24.46 -1.57 0.00 | 33.19 -1.87 0.00 | 30.42 -1.92 0.00 | 27.45 -1.73 0.00 | 22.64 -1.35 0.00 | 23.02 -1.36 0.00 | 20.95 -1.40 0.00 |
| HARZA MOOSE___RIVER 24016 | 20.05 -0.49 0.00 | 18.28 -0.49 0.00 | 15.75 -0.47 0.00 | 17.74 -0.44 0.00 | 20.03 -0.41 0.00 | 20.64 -0.36 0.00 | 22.71 -0.29 0.00 | 24.47 -0.14 0.00 | 23.25 -0.05 0.00 | 21.34 -0.04 0.00 | 20.88 -0.06 0.00 | 20.88 -0.06 0.00 | 21.62 -0.16 0.00 | 29.63 -0.28 0.00 | 30.56 -0.26 0.00 | 26.26 -0.27 0.00 | 27.07 -0.38 0.00 | 25.91 -0.12 0.00 | 35.18 0.13 0.00 | 32.43 0.09 0.00 | 29.22 0.04 0.00 | 24.01 0.02 0.00 | 24.40 0.01 0.00 | 22.28 -0.07 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 20.24 -0.30 0.00 | 18.50 -0.27 0.00 | 15.97 -0.25 0.00 | 17.91 -0.27 0.00 | 20.15 -0.30 0.00 | 20.71 -0.30 0.00 | 22.69 -0.30 0.00 | 24.25 -0.35 0.00 | 22.98 -0.32 0.00 | 21.12 -0.27 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.49 -0.28 0.00 | 29.53 -0.38 0.00 | 30.44 -0.37 0.00 | 26.27 -0.25 0.00 | 27.19 -0.27 0.00 | 25.79 -0.24 0.00 | 34.77 -0.29 0.00 | 32.05 -0.28 0.00 | 28.90 -0.28 0.00 | 23.75 -0.24 0.00 | 24.04 -0.35 0.00 | 21.98 -0.37 0.00 |
| HELLGATE_13_KV_LD 55870 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.26 0.81 0.00 | 21.87 0.86 0.00 | 23.93 0.94 0.00 | 25.64 1.04 0.00 | 24.43 1.13 0.00 | 22.43 1.04 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.04 1.27 0.00 | 31.79 1.88 0.00 | 33.05 2.24 0.00 | 28.71 2.19 0.00 | 29.76 2.30 0.00 | 28.17 2.14 0.00 | 37.72 2.66 0.00 | 34.72 2.38 0.00 | 31.29 2.10 0.00 | 25.68 1.68 0.00 | 25.72 1.34 0.00 | 23.54 1.19 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.26 0.81 0.00 | 21.87 0.86 0.00 | 23.93 0.94 0.00 | 25.64 1.04 0.00 | 24.43 1.13 0.00 | 22.43 1.04 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.04 1.27 0.00 | 31.79 1.88 0.00 | 33.05 2.24 0.00 | 28.71 2.19 0.00 | 29.76 2.30 0.00 | 28.17 2.14 0.00 | 37.72 2.66 0.00 | 34.72 2.38 0.00 | 31.29 2.10 0.00 | 25.68 1.68 0.00 | 25.72 1.34 0.00 | 23.54 1.19 0.00 |
| HEMPSTEAD____ 23647 | 21.59 1.05 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.00 0.82 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.15 1.16 0.00 | 25.82 1.22 0.00 | 24.58 1.28 0.00 | 22.53 1.14 0.00 | 22.05 1.11 0.00 | 22.05 1.11 0.00 | 26.16 1.42 -2.97 | 32.65 2.07 -0.68 | 34.10 2.41 -0.87 | 34.91 2.35 -6.03 | 29.90 2.44 0.00 | 28.26 2.23 0.00 | 37.84 2.79 0.00 | 34.82 2.48 0.00 | 31.40 2.22 0.00 | 25.79 1.80 0.00 | 26.25 1.57 -0.29 | 23.65 1.30 0.00 |
| HEWLETT_69_KV_BK3 55828 | 21.74 1.20 0.00 | 19.83 1.05 0.00 | 17.16 0.93 0.00 | 19.14 0.95 0.00 | 21.52 1.07 0.00 | 22.18 1.18 0.00 | 24.31 1.31 0.00 | 26.00 1.39 0.00 | 24.74 1.43 0.00 | 22.68 1.29 0.00 | 22.20 1.26 0.00 | 22.20 1.26 0.00 | 26.35 1.61 -2.96 | 32.95 2.37 -0.68 | 34.44 2.75 -0.87 | 35.21 2.65 -6.03 | 30.21 2.75 0.00 | 28.56 2.53 0.00 | 38.27 3.21 0.00 | 35.20 2.86 0.00 | 31.76 2.57 0.00 | 26.03 2.04 0.00 | 26.47 1.80 -0.29 | 23.87 1.52 0.00 |
| HICKLING___1 23621 | 20.05 -0.49 0.00 | 18.34 -0.43 0.00 | 15.81 -0.42 0.00 | 17.75 -0.43 0.00 | 20.01 -0.43 0.00 | 20.55 -0.46 0.00 | 22.64 -0.36 0.00 | 24.27 -0.33 0.00 | 22.99 -0.31 0.00 | 21.21 -0.18 0.00 | 20.73 -0.21 0.00 | 20.73 -0.21 0.00 | 21.75 -0.03 0.00 | 30.20 0.29 0.00 | 31.13 0.31 0.00 | 26.93 0.40 0.00 | 27.77 0.31 0.00 | 26.19 0.16 0.00 | 35.27 0.21 0.00 | 32.47 0.13 0.00 | 29.17 -0.02 0.00 | 24.02 0.02 0.00 | 24.23 -0.15 0.00 | 21.97 -0.38 0.00 |
| HICKLING___2 23622 | 20.05 -0.49 0.00 | 18.34 -0.43 0.00 | 15.81 -0.42 0.00 | 17.75 -0.43 0.00 | 20.01 -0.43 0.00 | 20.55 -0.46 0.00 | 22.64 -0.36 0.00 | 24.27 -0.33 0.00 | 22.99 -0.31 0.00 | 21.21 -0.18 0.00 | 20.73 -0.21 0.00 | 20.73 -0.21 0.00 | 21.75 -0.03 0.00 | 30.20 0.29 0.00 | 31.13 0.31 0.00 | 26.93 0.40 0.00 | 27.77 0.31 0.00 | 26.19 0.16 0.00 | 35.27 0.21 0.00 | 32.47 0.13 0.00 | 29.17 -0.02 0.00 | 24.02 0.02 0.00 | 24.23 -0.15 0.00 | 21.97 -0.38 0.00 |
| HIGH FALLS___HY 23754 | 21.16 0.62 0.00 | 19.29 0.51 0.00 | 16.67 0.45 0.00 | 18.62 0.44 0.00 | 20.96 0.51 0.00 | 21.58 0.58 0.00 | 23.64 0.65 0.00 | 25.37 0.77 0.00 | 24.16 0.86 0.00 | 22.12 0.73 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.66 0.88 0.00 | 31.30 1.39 0.00 | 32.51 1.69 0.00 | 28.29 1.77 0.00 | 29.35 1.89 0.00 | 27.92 1.89 0.00 | 37.52 2.46 0.00 | 34.52 2.18 0.00 | 31.06 1.87 0.00 | 25.46 1.46 0.00 | 25.53 1.15 0.00 | 23.29 0.94 0.00 |
| HIGH_RIVER___SOLAR 323847 | 21.33 0.79 0.00 | 19.49 0.72 0.00 | 16.86 0.64 0.00 | 18.88 0.69 0.00 | 21.22 0.78 0.00 | 21.80 0.79 0.00 | 23.85 0.85 0.00 | 25.39 0.79 0.00 | 23.78 0.48 0.00 | 21.58 0.19 0.00 | 21.11 0.17 0.00 | 21.11 0.17 0.00 | 21.90 0.13 0.00 | 30.10 0.19 0.00 | 31.16 0.34 0.00 | 26.92 0.39 0.00 | 28.03 0.57 0.00 | 26.75 0.72 0.00 | 36.45 1.39 0.00 | 33.91 1.57 0.00 | 30.57 1.39 0.00 | 25.04 1.05 0.00 | 25.26 0.88 0.00 | 23.12 0.77 0.00 |

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| HILLBURN___GT 23639 | 21.22 0.69 0.00 | 19.38 0.61 0.00 | 16.76 0.54 0.00 | 18.72 0.53 0.00 | 21.06 0.61 0.00 | 21.68 0.67 0.00 | 23.72 0.72 0.00 | 25.43 0.83 0.00 | 24.20 0.90 0.00 | 22.18 0.80 0.00 | 21.72 0.78 0.00 | 21.72 0.78 0.00 | 22.82 1.04 0.00 | 31.49 1.58 0.00 | 32.71 1.89 0.00 | 28.39 1.87 0.00 | 29.43 1.98 0.00 | 27.87 1.85 0.00 | 37.37 2.32 0.00 | 34.41 2.07 0.00 | 30.99 1.80 0.00 | 25.41 1.42 0.00 | 25.48 1.10 0.00 | 23.30 0.95 0.00 |
| HILLSIDE_115KV_TB1 80332 | 19.87 -0.66 0.00 | 18.19 -0.59 0.00 | 15.68 -0.54 0.00 | 17.61 -0.57 0.00 | 19.83 -0.62 0.00 | 20.36 -0.64 0.00 | 22.40 -0.59 0.00 | 24.00 -0.60 0.00 | 22.74 -0.57 0.00 | 20.96 -0.42 0.00 | 20.50 -0.44 0.00 | 20.50 -0.44 0.00 | 21.51 -0.26 0.00 | 29.85 -0.05 0.00 | 30.78 -0.04 0.00 | 26.64 0.11 0.00 | 27.47 0.01 0.00 | 25.89 -0.14 0.00 | 34.81 -0.24 0.00 | 32.04 -0.30 0.00 | 28.77 -0.42 0.00 | 23.71 -0.28 0.00 | 23.93 -0.45 0.00 | 21.70 -0.65 0.00 |
| HISHELDN_WT_PWR 323625 | 19.37 -1.17 0.00 | 17.76 -1.01 0.00 | 15.29 -0.93 0.00 | 17.17 -1.01 0.00 | 19.34 -1.11 0.00 | 19.87 -1.14 0.00 | 21.87 -1.12 0.00 | 23.44 -1.17 0.00 | 22.22 -1.08 0.00 | 20.67 -0.72 0.00 | 20.23 -0.71 0.00 | 20.23 -0.71 0.00 | 21.29 -0.48 0.00 | 29.56 -0.34 0.00 | 30.26 -0.56 0.00 | 26.05 -0.48 0.00 | 26.62 -0.83 0.00 | 25.06 -0.97 0.00 | 33.89 -1.16 0.00 | 31.09 -1.25 0.00 | 28.01 -1.17 0.00 | 23.07 -0.93 0.00 | 23.43 -0.96 0.00 | 21.29 -1.06 0.00 |
| HOLTSVILLE_IC_1 23690 | 21.61 1.07 0.00 | 19.71 0.94 0.00 | 17.09 0.87 0.00 | 19.06 0.87 0.00 | 21.43 0.98 0.00 | 22.14 1.13 0.00 | 24.30 1.30 0.00 | 26.00 1.40 0.00 | 24.71 1.41 0.00 | 22.63 1.24 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 26.18 1.44 -2.97 | 32.63 2.05 -0.68 | 34.12 2.43 -0.87 | 34.96 2.40 -6.03 | 30.01 2.56 0.00 | 28.38 2.35 0.00 | 38.00 2.95 0.00 | 34.99 2.66 0.00 | 31.60 2.42 0.00 | 25.86 1.87 0.00 | 26.28 1.61 -0.29 | 23.63 1.28 0.00 |
| HOLTSVILLE_IC_10 23699 | 21.68 1.15 0.00 | 19.78 1.01 0.00 | 17.15 0.93 0.00 | 19.11 0.93 0.00 | 21.50 1.05 0.00 | 22.22 1.21 0.00 | 24.39 1.40 0.00 | 26.10 1.50 0.00 | 24.81 1.50 0.00 | 22.72 1.34 0.00 | 22.24 1.30 0.00 | 22.24 1.30 0.00 | 26.29 1.55 -2.97 | 32.80 2.22 -0.68 | 34.32 2.63 -0.87 | 35.15 2.60 -6.03 | 30.23 2.78 0.00 | 28.57 2.54 0.00 | 38.27 3.22 0.00 | 35.22 2.89 0.00 | 31.81 2.62 0.00 | 26.01 2.02 0.00 | 26.42 1.75 -0.29 | 23.74 1.39 0.00 |
| HOLTSVILLE_IC_2 23691 | 21.61 1.07 0.00 | 19.71 0.94 0.00 | 17.09 0.87 0.00 | 19.06 0.87 0.00 | 21.43 0.98 0.00 | 22.14 1.13 0.00 | 24.30 1.30 0.00 | 26.00 1.40 0.00 | 24.71 1.41 0.00 | 22.63 1.24 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 26.18 1.44 -2.97 | 32.63 2.05 -0.68 | 34.12 2.43 -0.87 | 34.96 2.40 -6.03 | 30.01 2.56 0.00 | 28.38 2.35 0.00 | 38.00 2.95 0.00 | 34.99 2.66 0.00 | 31.60 2.42 0.00 | 25.86 1.87 0.00 | 26.28 1.61 -0.29 | 23.63 1.28 0.00 |
| HOLTSVILLE_IC_3 23692 | 21.61 1.07 0.00 | 19.71 0.94 0.00 | 17.09 0.87 0.00 | 19.06 0.87 0.00 | 21.43 0.98 0.00 | 22.14 1.13 0.00 | 24.30 1.30 0.00 | 26.00 1.40 0.00 | 24.71 1.41 0.00 | 22.63 1.24 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 26.18 1.44 -2.97 | 32.63 2.05 -0.68 | 34.12 2.43 -0.87 | 34.96 2.40 -6.03 | 30.01 2.56 0.00 | 28.38 2.35 0.00 | 38.00 2.95 0.00 | 34.99 2.66 0.00 | 31.60 2.42 0.00 | 25.86 1.87 0.00 | 26.28 1.61 -0.29 | 23.63 1.28 0.00 |
| HOLTSVILLE_IC_4 23693 | 21.61 1.07 0.00 | 19.71 0.94 0.00 | 17.09 0.87 0.00 | 19.06 0.87 0.00 | 21.43 0.98 0.00 | 22.14 1.13 0.00 | 24.30 1.30 0.00 | 26.00 1.40 0.00 | 24.71 1.41 0.00 | 22.63 1.24 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 26.18 1.44 -2.97 | 32.63 2.05 -0.68 | 34.12 2.43 -0.87 | 34.96 2.40 -6.03 | 30.01 2.56 0.00 | 28.38 2.35 0.00 | 38.00 2.95 0.00 | 34.99 2.66 0.00 | 31.60 2.42 0.00 | 25.86 1.87 0.00 | 26.28 1.61 -0.29 | 23.63 1.28 0.00 |
| HOLTSVILLE_IC_5 23694 | 21.61 1.07 0.00 | 19.71 0.94 0.00 | 17.09 0.87 0.00 | 19.06 0.87 0.00 | 21.43 0.98 0.00 | 22.14 1.13 0.00 | 24.30 1.30 0.00 | 26.00 1.40 0.00 | 24.71 1.41 0.00 | 22.63 1.24 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 26.18 1.44 -2.97 | 32.63 2.05 -0.68 | 34.12 2.43 -0.87 | 34.96 2.40 -6.03 | 30.01 2.56 0.00 | 28.38 2.35 0.00 | 38.00 2.95 0.00 | 34.99 2.66 0.00 | 31.60 2.42 0.00 | 25.86 1.87 0.00 | 26.28 1.61 -0.29 | 23.63 1.28 0.00 |
| HOLTSVILLE_IC_6 23695 | 21.68 1.15 0.00 | 19.78 1.01 0.00 | 17.15 0.93 0.00 | 19.11 0.93 0.00 | 21.50 1.05 0.00 | 22.22 1.21 0.00 | 24.39 1.40 0.00 | 26.10 1.50 0.00 | 24.81 1.50 0.00 | 22.72 1.34 0.00 | 22.24 1.30 0.00 | 22.24 1.30 0.00 | 26.29 1.55 -2.97 | 32.80 2.22 -0.68 | 34.32 2.63 -0.87 | 35.15 2.60 -6.03 | 30.23 2.78 0.00 | 28.57 2.54 0.00 | 38.27 3.22 0.00 | 35.22 2.89 0.00 | 31.81 2.62 0.00 | 26.01 2.02 0.00 | 26.42 1.75 -0.29 | 23.74 1.39 0.00 |
| HOLTSVILLE_IC_7 23696 | 21.68 1.15 0.00 | 19.78 1.01 0.00 | 17.15 0.93 0.00 | 19.11 0.93 0.00 | 21.50 1.05 0.00 | 22.22 1.21 0.00 | 24.39 1.40 0.00 | 26.10 1.50 0.00 | 24.81 1.50 0.00 | 22.72 1.34 0.00 | 22.24 1.30 0.00 | 22.24 1.30 0.00 | 26.29 1.55 -2.97 | 32.80 2.22 -0.68 | 34.32 2.63 -0.87 | 35.15 2.60 -6.03 | 30.23 2.78 0.00 | 28.57 2.54 0.00 | 38.27 3.22 0.00 | 35.22 2.89 0.00 | 31.81 2.62 0.00 | 26.01 2.02 0.00 | 26.42 1.75 -0.29 | 23.74 1.39 0.00 |
| HOLTSVILLE_IC_8 23697 | 21.68 1.15 0.00 | 19.78 1.01 0.00 | 17.15 0.93 0.00 | 19.11 0.93 0.00 | 21.50 1.05 0.00 | 22.22 1.21 0.00 | 24.39 1.40 0.00 | 26.10 1.50 0.00 | 24.81 1.50 0.00 | 22.72 1.34 0.00 | 22.24 1.30 0.00 | 22.24 1.30 0.00 | 26.29 1.55 -2.97 | 32.80 2.22 -0.68 | 34.32 2.63 -0.87 | 35.15 2.60 -6.03 | 30.23 2.78 0.00 | 28.57 2.54 0.00 | 38.27 3.22 0.00 | 35.22 2.89 0.00 | 31.81 2.62 0.00 | 26.01 2.02 0.00 | 26.42 1.75 -0.29 | 23.74 1.39 0.00 |
| HOLTSVILLE_IC_9 23698 | 21.68 1.15 0.00 | 19.78 1.01 0.00 | 17.15 0.93 0.00 | 19.11 0.93 0.00 | 21.50 1.05 0.00 | 22.22 1.21 0.00 | 24.39 1.40 0.00 | 26.10 1.50 0.00 | 24.81 1.50 0.00 | 22.72 1.34 0.00 | 22.24 1.30 0.00 | 22.24 1.30 0.00 | 26.29 1.55 -2.97 | 32.80 2.22 -0.68 | 34.32 2.63 -0.87 | 35.15 2.60 -6.03 | 30.23 2.78 0.00 | 28.57 2.54 0.00 | 38.27 3.22 0.00 | 35.22 2.89 0.00 | 31.81 2.62 0.00 | 26.01 2.02 0.00 | 26.42 1.75 -0.29 | 23.74 1.39 0.00 |
| HOMER_HL_115KV_TB2 355744 | 19.84 -0.70 0.00 | 18.26 -0.51 0.00 | 15.71 -0.52 0.00 | 17.64 -0.55 0.00 | 19.89 -0.56 0.00 | 20.45 -0.56 0.00 | 22.48 -0.51 0.00 | 24.15 -0.45 0.00 | 22.88 -0.42 0.00 | 21.23 -0.16 0.00 | 20.76 -0.19 0.00 | 20.76 -0.19 0.00 | 21.78 0.00 0.00 | 30.26 0.36 0.00 | 31.00 0.19 0.00 | 26.77 0.25 0.00 | 27.41 -0.04 0.00 | 25.74 -0.29 0.00 | 34.73 -0.32 0.00 | 31.89 -0.45 0.00 | 28.67 -0.52 0.00 | 23.59 -0.41 0.00 | 23.90 -0.48 0.00 | 21.76 -0.60 0.00 |
| HOWARD_WT_PWR 323690 | 20.28 -0.26 0.00 | 18.48 -0.29 0.00 | 15.55 -0.68 0.00 | 17.50 -0.68 0.00 | 20.14 -0.31 0.00 | 20.65 -0.36 0.00 | 22.98 -0.02 0.00 | 25.25 0.64 0.00 | 23.89 0.58 0.00 | 22.01 0.62 0.00 | 21.51 0.57 0.00 | 21.51 0.57 0.00 | 22.46 0.69 0.00 | 31.19 1.28 0.00 | 32.02 1.20 0.00 | 27.74 1.21 0.00 | 28.59 1.13 0.00 | 26.90 0.86 0.00 | 36.59 1.54 0.00 | 33.86 1.52 0.00 | 30.50 1.32 0.00 | 24.91 0.91 0.00 | 25.01 0.63 0.00 | 22.72 0.37 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_CEDARS 23644 | 20.55 0.00 0.00 | 18.76 -0.01 0.00 | 16.18 -0.04 0.00 | 18.15 -0.04 0.00 | 20.43 -0.02 0.00 | 21.02 0.02 0.00 | 23.08 0.08 0.00 | 24.78 0.17 0.00 | 23.41 0.11 0.00 | 21.54 0.15 0.00 | 21.11 0.17 0.00 | 21.11 0.17 0.00 | 21.93 0.16 0.00 | 30.13 0.22 0.00 | 30.86 0.04 0.00 | 26.40 -0.13 0.00 | 27.18 -0.27 0.00 | 25.74 -0.29 0.00 | 34.73 -0.33 0.00 | 32.05 -0.29 0.00 | 28.96 -0.22 0.00 | 23.78 -0.21 0.00 | 24.46 0.07 0.00 | 22.47 0.12 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 20.55 0.00 0.00 | 18.76 -0.01 0.00 | 16.18 -0.04 0.00 | 18.15 -0.04 0.00 | 20.43 -0.02 0.00 | 21.02 0.02 0.00 | 23.08 0.09 0.00 | 24.78 0.18 0.00 | 23.41 0.11 0.00 | 21.54 0.15 0.00 | 21.11 0.17 0.00 | 21.11 0.17 0.00 | 21.93 0.16 0.00 | 30.13 0.22 0.00 | 30.86 0.04 0.00 | 26.40 -0.13 0.00 | 27.18 -0.27 0.00 | 25.74 -0.29 0.00 | 34.73 -0.33 0.00 | 32.05 -0.29 0.00 | 28.96 -0.22 0.00 | 23.78 -0.21 0.00 | 24.46 0.07 0.00 | 22.47 0.12 0.00 |
| HQ_GEN_IMPORT 323601 | 20.58 0.04 0.00 | 18.80 0.03 0.00 | 16.23 0.01 0.00 | 18.20 0.02 0.00 | 20.48 0.03 0.00 | 21.05 0.04 0.00 | 23.07 0.07 0.00 | 24.90 0.10 -0.20 | 23.37 0.07 0.00 | 21.49 0.10 0.00 | 21.05 0.11 0.00 | 21.05 0.11 0.00 | 21.89 0.11 0.00 | 30.07 0.16 0.00 | 30.83 0.01 0.00 | 26.40 -0.13 0.00 | 27.27 -0.19 0.00 | 25.83 -0.19 0.00 | 34.80 -0.26 0.00 | 32.06 -0.28 0.00 | 28.95 -0.24 0.00 | 23.80 -0.20 0.00 | 24.39 0.01 0.00 | 22.41 0.07 0.00 |
| HQ_GEN_WHEEL 23651 | 20.58 0.04 0.00 | 18.80 0.03 0.00 | 16.23 0.01 0.00 | 18.20 0.02 0.00 | 20.48 0.03 0.00 | 21.05 0.04 0.00 | 23.07 0.07 0.00 | 24.90 0.10 -0.20 | 23.37 0.07 0.00 | 21.49 0.10 0.00 | 21.05 0.11 0.00 | 21.05 0.11 0.00 | 21.89 0.11 0.00 | 30.07 0.16 0.00 | 30.83 0.01 0.00 | 26.40 -0.13 0.00 | 27.27 -0.19 0.00 | 25.83 -0.19 0.00 | 34.80 -0.26 0.00 | 32.06 -0.28 0.00 | 28.95 -0.24 0.00 | 23.80 -0.20 0.00 | 24.39 0.01 0.00 | 22.41 0.07 0.00 |
| HUDSON_AVE_GT_3 23810 | 21.42 0.89 0.00 | 19.56 0.79 0.00 | 16.93 0.71 0.00 | 18.91 0.72 0.00 | 21.25 0.80 0.00 | 21.86 0.86 0.00 | 23.92 0.93 0.00 | 25.63 1.03 0.00 | 24.43 1.13 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.05 1.27 0.00 | 31.77 1.86 0.00 | 33.03 2.22 0.00 | 28.69 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.71 2.66 0.00 | 34.71 2.37 0.00 | 31.29 2.10 0.00 | 25.66 1.66 0.00 | 25.73 1.35 0.00 | 23.53 1.18 0.00 |
| HUDSON_AVE_GT_4 23540 | 21.42 0.89 0.00 | 19.56 0.79 0.00 | 16.93 0.71 0.00 | 18.91 0.72 0.00 | 21.25 0.80 0.00 | 21.86 0.86 0.00 | 23.92 0.93 0.00 | 25.63 1.03 0.00 | 24.43 1.13 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.05 1.27 0.00 | 31.77 1.86 0.00 | 33.03 2.22 0.00 | 28.69 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.71 2.66 0.00 | 34.71 2.37 0.00 | 31.29 2.10 0.00 | 25.66 1.66 0.00 | 25.73 1.35 0.00 | 23.53 1.18 0.00 |
| HUDSON_AVE_GT_5 23657 | 21.42 0.89 0.00 | 19.56 0.79 0.00 | 16.93 0.71 0.00 | 18.91 0.72 0.00 | 21.25 0.80 0.00 | 21.86 0.86 0.00 | 23.92 0.93 0.00 | 25.63 1.03 0.00 | 24.43 1.13 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.05 1.27 0.00 | 31.77 1.86 0.00 | 33.03 2.22 0.00 | 28.69 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.71 2.66 0.00 | 34.71 2.37 0.00 | 31.29 2.10 0.00 | 25.66 1.66 0.00 | 25.73 1.35 0.00 | 23.53 1.18 0.00 |
| HUDSON_AVE_10 24168 | 21.34 0.80 0.00 | 19.50 0.72 0.00 | 16.87 0.65 0.00 | 18.85 0.66 0.00 | 21.19 0.74 0.00 | 21.79 0.78 0.00 | 23.83 0.84 0.00 | 25.54 0.94 0.00 | 24.34 1.04 0.00 | 22.33 0.94 0.00 | 21.87 0.92 0.00 | 21.87 0.92 0.00 | 22.97 1.19 0.00 | 31.67 1.76 0.00 | 32.92 2.11 0.00 | 28.60 2.08 0.00 | 29.64 2.19 0.00 | 28.08 2.05 0.00 | 37.60 2.54 0.00 | 34.60 2.26 0.00 | 31.19 2.00 0.00 | 25.59 1.60 0.00 | 25.66 1.28 0.00 | 23.47 1.11 0.00 |
| HUDSON___115KV_TB 4 355613 | 21.33 0.79 0.00 | 19.54 0.77 0.00 | 16.95 0.72 0.00 | 18.94 0.76 0.00 | 21.27 0.82 0.00 | 21.79 0.78 0.00 | 23.80 0.80 0.00 | 25.42 0.82 0.00 | 24.03 0.73 0.00 | 21.87 0.48 0.00 | 21.41 0.46 0.00 | 21.41 0.46 0.00 | 22.15 0.38 0.00 | 30.32 0.41 0.00 | 31.51 0.70 0.00 | 27.30 0.78 0.00 | 28.47 1.01 0.00 | 27.08 1.05 0.00 | 36.61 1.55 0.00 | 34.05 1.71 0.00 | 30.72 1.54 0.00 | 25.14 1.14 0.00 | 25.23 0.84 0.00 | 23.07 0.71 0.00 |
| HUNTER MOUNT___DRP 323613 | 21.45 0.91 0.00 | 19.65 0.88 0.00 | 17.06 0.83 0.00 | 19.07 0.89 0.00 | 21.40 0.96 0.00 | 21.91 0.91 0.00 | 23.94 0.94 0.00 | 25.56 0.96 0.00 | 24.13 0.83 0.00 | 21.90 0.51 0.00 | 21.43 0.48 0.00 | 21.43 0.48 0.00 | 22.18 0.40 0.00 | 30.30 0.40 0.00 | 31.50 0.68 0.00 | 27.30 0.77 0.00 | 28.51 1.06 0.00 | 27.14 1.11 0.00 | 36.77 1.72 0.00 | 34.25 1.92 0.00 | 30.90 1.71 0.00 | 25.25 1.25 0.00 | 25.34 0.96 0.00 | 23.16 0.81 0.00 |
| HUNTINGTON_RES_REC 323705 | 21.65 1.12 0.00 | 19.75 0.98 0.00 | 17.11 0.88 0.00 | 19.07 0.89 0.00 | 21.45 1.00 0.00 | 22.16 1.15 0.00 | 24.30 1.30 0.00 | 25.98 1.38 0.00 | 24.73 1.43 0.00 | 22.64 1.25 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 26.24 1.50 -2.97 | 32.69 2.11 -0.68 | 34.19 2.51 -0.87 | 35.04 2.48 -6.03 | 30.10 2.65 0.00 | 28.45 2.42 0.00 | 38.11 3.06 0.00 | 35.09 2.75 0.00 | 31.68 2.50 0.00 | 25.92 1.93 0.00 | 26.33 1.66 -0.29 | 23.70 1.35 0.00 |
| HUNTLEY___63 23557 | 19.28 -1.26 0.00 | 17.70 -1.07 0.00 | 15.21 -1.02 0.00 | 17.06 -1.12 0.00 | 19.19 -1.25 0.00 | 19.73 -1.28 0.00 | 21.68 -1.32 0.00 | 23.19 -1.41 0.00 | 21.98 -1.32 0.00 | 20.50 -0.89 0.00 | 20.09 -0.86 0.00 | 20.09 -0.86 0.00 | 21.20 -0.58 0.00 | 29.40 -0.50 0.00 | 29.98 -0.83 0.00 | 25.74 -0.78 0.00 | 26.23 -1.22 0.00 | 24.69 -1.34 0.00 | 33.48 -1.57 0.00 | 30.66 -1.68 0.00 | 27.64 -1.55 0.00 | 22.80 -1.19 0.00 | 23.17 -1.22 0.00 | 21.08 -1.27 0.00 |
| HUNTLEY___64 23558 | 19.28 -1.26 0.00 | 17.70 -1.07 0.00 | 15.21 -1.02 0.00 | 17.06 -1.12 0.00 | 19.19 -1.25 0.00 | 19.73 -1.28 0.00 | 21.68 -1.32 0.00 | 23.19 -1.41 0.00 | 21.98 -1.32 0.00 | 20.50 -0.89 0.00 | 20.09 -0.86 0.00 | 20.09 -0.86 0.00 | 21.20 -0.58 0.00 | 29.40 -0.50 0.00 | 29.98 -0.83 0.00 | 25.74 -0.78 0.00 | 26.23 -1.22 0.00 | 24.69 -1.34 0.00 | 33.48 -1.57 0.00 | 30.66 -1.68 0.00 | 27.64 -1.55 0.00 | 22.80 -1.19 0.00 | 23.17 -1.22 0.00 | 21.08 -1.27 0.00 |
| HUNTLEY___65 23559 | 19.28 -1.26 0.00 | 17.70 -1.07 0.00 | 15.21 -1.02 0.00 | 17.06 -1.12 0.00 | 19.19 -1.25 0.00 | 19.73 -1.28 0.00 | 21.68 -1.32 0.00 | 23.19 -1.41 0.00 | 21.98 -1.32 0.00 | 20.50 -0.89 0.00 | 20.09 -0.86 0.00 | 20.09 -0.86 0.00 | 21.20 -0.58 0.00 | 29.40 -0.50 0.00 | 29.98 -0.83 0.00 | 25.74 -0.78 0.00 | 26.23 -1.22 0.00 | 24.69 -1.34 0.00 | 33.48 -1.57 0.00 | 30.66 -1.68 0.00 | 27.64 -1.55 0.00 | 22.80 -1.19 0.00 | 23.17 -1.22 0.00 | 21.08 -1.27 0.00 |
| HUNTLEY___66 23560 | 19.28 -1.26 0.00 | 17.70 -1.07 0.00 | 15.21 -1.02 0.00 | 17.06 -1.12 0.00 | 19.19 -1.25 0.00 | 19.73 -1.28 0.00 | 21.68 -1.32 0.00 | 23.19 -1.41 0.00 | 21.98 -1.32 0.00 | 20.50 -0.89 0.00 | 20.09 -0.86 0.00 | 20.09 -0.86 0.00 | 21.20 -0.58 0.00 | 29.40 -0.50 0.00 | 29.98 -0.83 0.00 | 25.74 -0.78 0.00 | 26.23 -1.22 0.00 | 24.69 -1.34 0.00 | 33.48 -1.57 0.00 | 30.66 -1.68 0.00 | 27.64 -1.55 0.00 | 22.80 -1.19 0.00 | 23.17 -1.22 0.00 | 21.08 -1.27 0.00 |

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| HUNTLEY___67 23561 | 19.17 -1.37 0.00 | 17.61 -1.17 0.00 | 15.14 -1.09 0.00 | 16.98 -1.20 0.00 | 19.10 -1.34 0.00 | 19.63 -1.38 0.00 | 21.58 -1.42 0.00 | 23.08 -1.52 0.00 | 21.86 -1.44 0.00 | 20.38 -1.00 0.00 | 19.96 -0.98 0.00 | 19.96 -0.98 0.00 | 21.04 -0.73 0.00 | 29.20 -0.70 0.00 | 29.80 -1.02 0.00 | 25.60 -0.93 0.00 | 26.09 -1.36 0.00 | 24.54 -1.49 0.00 | 33.26 -1.79 0.00 | 30.48 -1.86 0.00 | 27.47 -1.72 0.00 | 22.67 -1.33 0.00 | 23.05 -1.34 0.00 | 20.98 -1.38 0.00 |
| HUNTLEY___68 23562 | 19.17 -1.37 0.00 | 17.61 -1.17 0.00 | 15.14 -1.09 0.00 | 16.98 -1.20 0.00 | 19.10 -1.34 0.00 | 19.63 -1.38 0.00 | 21.58 -1.42 0.00 | 23.08 -1.52 0.00 | 21.86 -1.44 0.00 | 20.38 -1.00 0.00 | 19.96 -0.98 0.00 | 19.96 -0.98 0.00 | 21.04 -0.73 0.00 | 29.20 -0.70 0.00 | 29.80 -1.02 0.00 | 25.60 -0.93 0.00 | 26.09 -1.36 0.00 | 24.54 -1.49 0.00 | 33.26 -1.79 0.00 | 30.48 -1.86 0.00 | 27.47 -1.72 0.00 | 22.67 -1.33 0.00 | 23.05 -1.34 0.00 | 20.98 -1.38 0.00 |
| HYLAND___LFGE 323620 | 20.47 -0.07 0.00 | 18.72 -0.05 0.00 | 16.11 -0.12 0.00 | 18.08 -0.11 0.00 | 20.37 -0.08 0.00 | 20.96 -0.05 0.00 | 23.12 0.13 0.00 | 24.76 0.16 0.00 | 23.10 -0.20 0.00 | 21.14 -0.24 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.71 -0.07 0.00 | 30.05 0.14 0.00 | 31.03 0.21 0.00 | 26.71 0.19 0.00 | 27.33 -0.12 0.00 | 25.82 -0.20 0.00 | 35.06 0.00 0.00 | 32.92 0.58 0.00 | 29.95 0.76 0.00 | 24.59 0.60 0.00 | 24.86 0.48 0.00 | 22.53 0.17 0.00 |
| INDECK___CORINTH 23802 | 21.89 1.36 0.00 | 20.12 1.35 0.00 | 17.47 1.24 0.00 | 19.53 1.35 0.00 | 21.78 1.34 0.00 | 22.30 1.29 0.00 | 24.29 1.29 0.00 | 25.88 1.28 0.00 | 24.34 1.03 0.00 | 22.13 0.74 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.57 0.79 0.00 | 31.08 1.18 0.00 | 32.42 1.60 0.00 | 28.15 1.62 0.00 | 29.40 1.95 0.00 | 27.95 1.92 0.00 | 37.64 2.59 0.00 | 34.93 2.59 0.00 | 31.48 2.30 0.00 | 25.75 1.75 0.00 | 25.95 1.57 0.00 | 23.71 1.36 0.00 |
| INDECK___ILION 23567 | 20.64 0.11 0.00 | 18.87 0.10 0.00 | 16.34 0.12 0.00 | 18.31 0.13 0.00 | 20.56 0.12 0.00 | 21.08 0.07 0.00 | 23.05 0.05 0.00 | 24.59 -0.02 0.00 | 23.20 -0.11 0.00 | 21.14 -0.24 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.52 -0.25 0.00 | 29.53 -0.38 0.00 | 30.58 -0.24 0.00 | 26.40 -0.13 0.00 | 27.48 0.03 0.00 | 26.16 0.13 0.00 | 35.40 0.34 0.00 | 32.79 0.45 0.00 | 29.60 0.42 0.00 | 24.32 0.32 0.00 | 24.54 0.16 0.00 | 22.43 0.08 0.00 |
| INDECK___OLEAN 23982 | 19.84 -0.70 0.00 | 18.26 -0.51 0.00 | 15.71 -0.52 0.00 | 17.64 -0.54 0.00 | 19.89 -0.56 0.00 | 20.45 -0.56 0.00 | 22.49 -0.50 0.00 | 24.16 -0.45 0.00 | 22.88 -0.42 0.00 | 21.23 -0.16 0.00 | 20.76 -0.19 0.00 | 20.76 -0.19 0.00 | 21.78 0.00 0.00 | 30.26 0.36 0.00 | 31.01 0.19 0.00 | 26.78 0.25 0.00 | 27.41 -0.05 0.00 | 25.74 -0.29 0.00 | 34.74 -0.32 0.00 | 31.89 -0.45 0.00 | 28.67 -0.52 0.00 | 23.57 -0.42 0.00 | 23.91 -0.47 0.00 | 21.76 -0.60 0.00 |
| INDECK___OSWEGO 23783 | 19.99 -0.55 0.00 | 18.27 -0.50 0.00 | 15.77 -0.45 0.00 | 17.69 -0.49 0.00 | 19.92 -0.53 0.00 | 20.46 -0.55 0.00 | 22.41 -0.59 0.00 | 23.95 -0.65 0.00 | 22.70 -0.60 0.00 | 20.85 -0.53 0.00 | 20.42 -0.52 0.00 | 20.42 -0.52 0.00 | 21.16 -0.61 0.00 | 29.02 -0.89 0.00 | 29.91 -0.90 0.00 | 25.79 -0.74 0.00 | 26.69 -0.76 0.00 | 25.36 -0.67 0.00 | 34.22 -0.83 0.00 | 31.56 -0.78 0.00 | 28.46 -0.72 0.00 | 23.39 -0.60 0.00 | 23.70 -0.68 0.00 | 21.70 -0.66 0.00 |
| INDECK___YERKES 23781 | 19.31 -1.23 0.00 | 17.72 -1.05 0.00 | 15.22 -1.00 0.00 | 17.08 -1.11 0.00 | 19.22 -1.23 0.00 | 19.75 -1.26 0.00 | 21.71 -1.28 0.00 | 23.22 -1.39 0.00 | 22.01 -1.30 0.00 | 20.52 -0.87 0.00 | 20.11 -0.84 0.00 | 20.11 -0.84 0.00 | 21.22 -0.56 0.00 | 29.43 -0.48 0.00 | 30.01 -0.81 0.00 | 25.77 -0.75 0.00 | 26.26 -1.20 0.00 | 24.72 -1.31 0.00 | 33.52 -1.54 0.00 | 30.69 -1.65 0.00 | 27.66 -1.52 0.00 | 22.81 -1.18 0.00 | 23.20 -1.18 0.00 | 21.10 -1.25 0.00 |
| INDIAN POINT_GT_1 24139 | 21.26 0.72 0.00 | 19.41 0.64 0.00 | 16.80 0.57 0.00 | 18.76 0.58 0.00 | 21.10 0.65 0.00 | 21.71 0.70 0.00 | 23.75 0.75 0.00 | 25.44 0.84 0.00 | 24.21 0.90 0.00 | 22.18 0.79 0.00 | 21.72 0.77 0.00 | 21.72 0.77 0.00 | 22.78 1.01 0.00 | 31.40 1.50 0.00 | 32.63 1.82 0.00 | 28.33 1.81 0.00 | 29.37 1.92 0.00 | 27.82 1.80 0.00 | 37.32 2.26 0.00 | 34.37 2.03 0.00 | 30.97 1.78 0.00 | 25.39 1.40 0.00 | 25.48 1.10 0.00 | 23.30 0.94 0.00 |
| INDIAN POINT_GT_2 23659 | 21.26 0.72 0.00 | 19.41 0.64 0.00 | 16.80 0.57 0.00 | 18.76 0.58 0.00 | 21.10 0.65 0.00 | 21.71 0.70 0.00 | 23.75 0.75 0.00 | 25.44 0.84 0.00 | 24.21 0.90 0.00 | 22.18 0.79 0.00 | 21.72 0.77 0.00 | 21.72 0.77 0.00 | 22.78 1.01 0.00 | 31.40 1.50 0.00 | 32.63 1.82 0.00 | 28.33 1.81 0.00 | 29.37 1.92 0.00 | 27.82 1.80 0.00 | 37.32 2.26 0.00 | 34.37 2.03 0.00 | 30.97 1.78 0.00 | 25.39 1.40 0.00 | 25.48 1.10 0.00 | 23.30 0.94 0.00 |
| INDIAN POINT_GT_3 24019 | 21.26 0.72 0.00 | 19.41 0.64 0.00 | 16.80 0.57 0.00 | 18.76 0.58 0.00 | 21.10 0.65 0.00 | 21.71 0.70 0.00 | 23.75 0.75 0.00 | 25.44 0.84 0.00 | 24.21 0.90 0.00 | 22.18 0.79 0.00 | 21.72 0.77 0.00 | 21.72 0.77 0.00 | 22.78 1.01 0.00 | 31.40 1.50 0.00 | 32.63 1.82 0.00 | 28.33 1.81 0.00 | 29.37 1.92 0.00 | 27.82 1.80 0.00 | 37.32 2.26 0.00 | 34.37 2.03 0.00 | 30.97 1.78 0.00 | 25.39 1.40 0.00 | 25.48 1.10 0.00 | 23.30 0.94 0.00 |
| INDIAN POINT___2 23530 | 21.23 0.69 0.00 | 19.38 0.61 0.00 | 16.77 0.55 0.00 | 18.73 0.55 0.00 | 21.06 0.62 0.00 | 21.68 0.67 0.00 | 23.72 0.72 0.00 | 25.41 0.81 0.00 | 24.18 0.88 0.00 | 22.16 0.77 0.00 | 21.70 0.75 0.00 | 21.70 0.75 0.00 | 22.76 0.99 0.00 | 31.39 1.48 0.00 | 32.61 1.80 0.00 | 28.31 1.79 0.00 | 29.35 1.90 0.00 | 27.80 1.77 0.00 | 37.27 2.22 0.00 | 34.33 1.99 0.00 | 30.93 1.75 0.00 | 25.37 1.38 0.00 | 25.45 1.07 0.00 | 23.27 0.92 0.00 |
| INDIAN POINT___3 23531 | 21.24 0.70 0.00 | 19.40 0.62 0.00 | 16.79 0.56 0.00 | 18.75 0.57 0.00 | 21.09 0.64 0.00 | 21.70 0.69 0.00 | 23.74 0.74 0.00 | 25.43 0.82 0.00 | 24.19 0.89 0.00 | 22.16 0.77 0.00 | 21.70 0.75 0.00 | 21.70 0.75 0.00 | 22.76 0.99 0.00 | 31.37 1.47 0.00 | 32.59 1.78 0.00 | 28.30 1.77 0.00 | 29.34 1.88 0.00 | 27.79 1.77 0.00 | 37.26 2.21 0.00 | 34.33 2.00 0.00 | 30.93 1.75 0.00 | 25.37 1.38 0.00 | 25.46 1.07 0.00 | 23.28 0.92 0.00 |
| INGHAM_C_115KV_TB7 356103 | 20.76 0.21 0.00 | 18.98 0.21 0.00 | 16.49 0.26 0.00 | 18.46 0.27 0.00 | 20.69 0.24 0.00 | 21.15 0.15 0.00 | 23.09 0.10 0.00 | 24.52 -0.08 0.00 | 22.97 -0.33 0.00 | 20.75 -0.64 0.00 | 20.25 -0.69 0.00 | 20.25 -0.69 0.00 | 21.12 -0.66 0.00 | 28.92 -0.98 0.00 | 30.12 -0.70 0.00 | 26.06 -0.46 0.00 | 27.34 -0.11 0.00 | 26.16 0.13 0.00 | 35.61 0.56 0.00 | 33.21 0.88 0.00 | 29.97 0.78 0.00 | 24.55 0.55 0.00 | 24.60 0.22 0.00 | 22.42 0.07 0.00 |
| IP CORINTH___1 23988 | 21.89 1.36 0.00 | 20.12 1.35 0.00 | 17.47 1.25 0.00 | 19.53 1.35 0.00 | 21.78 1.34 0.00 | 22.30 1.29 0.00 | 24.29 1.29 0.00 | 25.88 1.28 0.00 | 24.34 1.03 0.00 | 22.13 0.74 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.57 0.79 0.00 | 31.08 1.18 0.00 | 32.42 1.60 0.00 | 28.14 1.62 0.00 | 29.40 1.95 0.00 | 27.95 1.92 0.00 | 37.64 2.59 0.00 | 34.93 2.59 0.00 | 31.48 2.30 0.00 | 25.75 1.76 0.00 | 25.95 1.57 0.00 | 23.71 1.36 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| IP__TICONDEROGA 23804 | 22.32 1.78 0.00 | 20.79 2.01 0.00 | 18.17 1.94 0.00 | 20.30 2.11 0.00 | 22.69 2.24 0.00 | 23.15 2.14 0.00 | 25.04 2.05 0.00 | 26.73 2.13 0.00 | 24.88 1.58 0.00 | 22.55 1.15 0.00 | 22.08 1.13 0.00 | 22.08 1.13 0.00 | 23.05 1.27 0.00 | 31.91 2.01 0.00 | 33.61 2.79 0.00 | 29.33 2.81 0.00 | 30.77 3.32 0.00 | 29.17 3.15 0.00 | 39.08 4.03 0.00 | 36.30 3.96 0.00 | 32.83 3.64 0.00 | 26.88 2.89 0.00 | 26.81 2.43 0.00 | 24.66 2.31 0.00 |
| ISLIP_RES_REC 323679 | 21.76 1.22 0.00 | 19.85 1.08 0.00 | 17.21 0.98 0.00 | 19.18 0.99 0.00 | 21.57 1.12 0.00 | 22.30 1.29 0.00 | 24.48 1.49 0.00 | 26.20 1.60 0.00 | 24.92 1.61 0.00 | 22.83 1.44 0.00 | 22.35 1.40 0.00 | 22.35 1.40 0.00 | 26.41 1.67 -2.97 | 32.99 2.41 -0.68 | 34.53 2.84 -0.87 | 35.34 2.78 -6.03 | 30.44 2.98 0.00 | 28.77 2.74 0.00 | 38.52 3.47 0.00 | 35.43 3.10 0.00 | 31.99 2.80 0.00 | 26.15 2.16 0.00 | 26.55 1.87 -0.29 | 23.84 1.49 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 21.49 0.95 0.00 | 19.66 0.89 0.00 | 17.00 0.77 0.00 | 19.00 0.82 0.00 | 21.36 0.91 0.00 | 21.94 0.93 0.00 | 24.02 1.02 0.00 | 25.74 1.14 0.00 | 24.52 1.22 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 23.11 1.34 0.00 | 31.88 1.97 0.00 | 33.13 2.31 0.00 | 28.80 2.28 0.00 | 29.86 2.41 0.00 | 28.29 2.27 0.00 | 37.90 2.85 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.82 1.83 0.00 | 25.90 1.51 0.00 | 23.68 1.33 0.00 |
| JANIS__SOLAR 323808 | 21.07 0.53 0.00 | 19.24 0.47 0.00 | 16.59 0.36 0.00 | 18.59 0.41 0.00 | 20.95 0.50 0.00 | 21.57 0.56 0.00 | 23.76 0.76 0.00 | 25.42 0.82 0.00 | 23.89 0.58 0.00 | 21.68 0.29 0.00 | 21.18 0.23 0.00 | 21.18 0.23 0.00 | 21.98 0.21 0.00 | 30.46 0.55 0.00 | 31.20 0.39 0.00 | 26.92 0.40 0.00 | 28.03 0.58 0.00 | 26.71 0.68 0.00 | 36.42 1.36 0.00 | 33.76 1.42 0.00 | 30.51 1.33 0.00 | 25.05 1.06 0.00 | 25.26 0.88 0.00 | 22.99 0.64 0.00 |
| JARVIS____ 23743 | 20.52 -0.02 0.00 | 18.76 -0.02 0.00 | 16.22 0.00 0.00 | 18.18 0.00 0.00 | 20.45 0.00 0.00 | 20.99 -0.02 0.00 | 22.97 -0.02 0.00 | 24.58 -0.02 0.00 | 23.28 -0.02 0.00 | 21.35 -0.04 0.00 | 20.90 -0.04 0.00 | 20.90 -0.04 0.00 | 21.73 -0.04 0.00 | 29.83 -0.08 0.00 | 30.79 -0.03 0.00 | 26.53 0.00 0.00 | 27.48 0.03 0.00 | 26.06 0.03 0.00 | 35.12 0.07 0.00 | 32.40 0.06 0.00 | 29.26 0.07 0.00 | 24.10 0.10 0.00 | 24.43 0.05 0.00 | 22.38 0.02 0.00 |
| JENNISON__1 23625 | 21.18 0.64 0.00 | 19.34 0.57 0.00 | 16.70 0.47 0.00 | 18.67 0.49 0.00 | 21.05 0.60 0.00 | 21.68 0.67 0.00 | 23.87 0.87 0.00 | 25.56 0.96 0.00 | 24.14 0.83 0.00 | 22.05 0.66 0.00 | 21.55 0.61 0.00 | 21.55 0.61 0.00 | 22.42 0.65 0.00 | 31.03 1.12 0.00 | 31.89 1.07 0.00 | 27.54 1.01 0.00 | 28.60 1.14 0.00 | 27.21 1.18 0.00 | 36.81 1.76 0.00 | 34.03 1.69 0.00 | 30.66 1.48 0.00 | 25.17 1.18 0.00 | 25.36 0.97 0.00 | 23.10 0.74 0.00 |
| JENNISON__2 23626 | 21.18 0.64 0.00 | 19.34 0.57 0.00 | 16.70 0.47 0.00 | 18.67 0.49 0.00 | 21.05 0.60 0.00 | 21.68 0.67 0.00 | 23.87 0.87 0.00 | 25.56 0.96 0.00 | 24.14 0.83 0.00 | 22.05 0.66 0.00 | 21.55 0.61 0.00 | 21.55 0.61 0.00 | 22.42 0.65 0.00 | 31.03 1.12 0.00 | 31.89 1.07 0.00 | 27.54 1.01 0.00 | 28.60 1.14 0.00 | 27.21 1.18 0.00 | 36.81 1.76 0.00 | 34.03 1.69 0.00 | 30.66 1.48 0.00 | 25.17 1.18 0.00 | 25.36 0.97 0.00 | 23.10 0.74 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 20.50 -0.03 0.00 | 18.77 0.00 0.00 | 16.18 -0.04 0.00 | 18.15 -0.03 0.00 | 20.48 0.03 0.00 | 21.09 0.08 0.00 | 23.20 0.20 0.00 | 24.91 0.31 0.00 | 23.47 0.17 0.00 | 21.65 0.26 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.07 0.29 0.00 | 30.21 0.31 0.00 | 30.97 0.15 0.00 | 26.51 -0.02 0.00 | 27.35 -0.10 0.00 | 25.83 -0.20 0.00 | 34.82 -0.23 0.00 | 32.09 -0.25 0.00 | 28.74 -0.45 0.00 | 23.47 -0.52 0.00 | 24.05 -0.34 0.00 | 22.21 -0.14 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 21.38 0.84 0.00 | 19.52 0.75 0.00 | 16.90 0.68 0.00 | 18.88 0.70 0.00 | 21.23 0.78 0.00 | 21.85 0.84 0.00 | 23.90 0.91 0.00 | 25.60 1.00 0.00 | 24.37 1.06 0.00 | 22.33 0.94 0.00 | 21.87 0.92 0.00 | 21.87 0.92 0.00 | 22.91 1.13 0.00 | 31.56 1.66 0.00 | 32.81 2.00 0.00 | 28.51 1.98 0.00 | 29.57 2.11 0.00 | 28.02 1.99 0.00 | 37.57 2.51 0.00 | 34.61 2.27 0.00 | 31.17 1.98 0.00 | 25.56 1.56 0.00 | 25.63 1.25 0.00 | 23.42 1.07 0.00 |
| KCE_NY_1 323755 | 21.76 1.22 0.00 | 19.94 1.17 0.00 | 17.29 1.07 0.00 | 19.34 1.16 0.00 | 21.68 1.23 0.00 | 22.21 1.20 0.00 | 24.23 1.24 0.00 | 25.87 1.27 0.00 | 24.37 1.07 0.00 | 22.17 0.78 0.00 | 21.68 0.73 0.00 | 21.68 0.73 0.00 | 22.61 0.83 0.00 | 31.07 1.16 0.00 | 32.35 1.54 0.00 | 28.01 1.48 0.00 | 29.24 1.79 0.00 | 27.79 1.77 0.00 | 37.48 2.43 0.00 | 34.78 2.44 0.00 | 31.32 2.14 0.00 | 25.59 1.60 0.00 | 25.75 1.37 0.00 | 23.54 1.19 0.00 |
| KCE_NY_6_ESR 323823 | 19.43 -1.11 0.00 | 17.84 -0.93 0.00 | 15.34 -0.88 0.00 | 17.22 -0.97 0.00 | 19.37 -1.08 0.00 | 19.91 -1.09 0.00 | 21.91 -1.08 0.00 | 23.45 -1.15 0.00 | 22.22 -1.08 0.00 | 20.70 -0.68 0.00 | 20.27 -0.67 0.00 | 20.27 -0.67 0.00 | 21.39 -0.38 0.00 | 29.70 -0.21 0.00 | 30.35 -0.47 0.00 | 26.08 -0.45 0.00 | 26.61 -0.84 0.00 | 25.03 -1.00 0.00 | 33.93 -1.12 0.00 | 31.07 -1.27 0.00 | 28.00 -1.19 0.00 | 23.07 -0.92 0.00 | 23.45 -0.94 0.00 | 21.29 -1.06 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 21.65 1.12 0.00 | 19.76 0.99 0.00 | 17.13 0.91 0.00 | 19.09 0.91 0.00 | 21.47 1.03 0.00 | 22.19 1.18 0.00 | 24.36 1.36 0.00 | 26.06 1.46 0.00 | 24.78 1.48 0.00 | 22.69 1.31 0.00 | 22.22 1.28 0.00 | 22.22 1.28 0.00 | 26.26 1.52 -2.97 | 32.75 2.17 -0.68 | 34.27 2.58 -0.87 | 35.11 2.55 -6.03 | 30.18 2.72 0.00 | 28.39 2.36 0.00 | 38.03 2.98 0.00 | 35.09 2.76 0.00 | 31.76 2.58 0.00 | 25.97 1.98 0.00 | 26.38 1.71 -0.29 | 23.70 1.35 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 21.65 1.12 0.00 | 19.76 0.99 0.00 | 17.13 0.91 0.00 | 19.09 0.91 0.00 | 21.47 1.03 0.00 | 22.19 1.18 0.00 | 24.36 1.36 0.00 | 26.06 1.46 0.00 | 24.78 1.48 0.00 | 22.69 1.31 0.00 | 22.22 1.28 0.00 | 22.22 1.28 0.00 | 26.26 1.52 -2.97 | 32.75 2.17 -0.68 | 34.27 2.58 -0.87 | 35.11 2.55 -6.03 | 30.18 2.72 0.00 | 28.39 2.36 0.00 | 38.03 2.98 0.00 | 35.09 2.76 0.00 | 31.76 2.58 0.00 | 25.97 1.98 0.00 | 26.38 1.71 -0.29 | 23.70 1.35 0.00 |
| KEDC_GLWD_GT4 24219 | 21.67 1.14 0.00 | 19.76 0.99 0.00 | 17.10 0.88 0.00 | 19.08 0.90 0.00 | 21.45 1.00 0.00 | 22.12 1.11 0.00 | 24.25 1.25 0.00 | 25.84 1.24 0.00 | 24.61 1.30 0.00 | 22.55 1.16 0.00 | 22.07 1.13 0.00 | 22.07 1.13 0.00 | 26.21 1.47 -2.97 | 32.74 2.15 -0.68 | 34.20 2.52 -0.87 | 35.01 2.45 -6.03 | 30.01 2.55 0.00 | 28.29 2.27 0.00 | 37.88 2.83 0.00 | 34.86 2.52 0.00 | 31.43 2.25 0.00 | 25.93 1.94 0.00 | 26.37 1.69 -0.29 | 23.76 1.41 0.00 |
| KEDC_GLWD_GT5 24220 | 21.67 1.14 0.00 | 19.76 0.99 0.00 | 17.10 0.88 0.00 | 19.08 0.90 0.00 | 21.45 1.00 0.00 | 22.12 1.11 0.00 | 24.25 1.25 0.00 | 25.84 1.24 0.00 | 24.61 1.30 0.00 | 22.55 1.16 0.00 | 22.07 1.13 0.00 | 22.07 1.13 0.00 | 26.21 1.47 -2.97 | 32.74 2.15 -0.68 | 34.20 2.52 -0.87 | 35.01 2.45 -6.03 | 30.01 2.55 0.00 | 28.29 2.27 0.00 | 37.88 2.83 0.00 | 34.86 2.52 0.00 | 31.43 2.25 0.00 | 25.93 1.94 0.00 | 26.37 1.69 -0.29 | 23.76 1.41 0.00 |

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| KENSICO____ 23655 | 21.32 0.78 0.00 | 19.47 0.69 0.00 | 16.85 0.63 0.00 | 18.82 0.64 0.00 | 21.16 0.71 0.00 | 21.77 0.77 0.00 | 23.82 0.82 0.00 | 25.52 0.91 0.00 | 24.28 0.98 0.00 | 22.26 0.88 0.00 | 21.80 0.86 0.00 | 21.80 0.86 0.00 | 22.86 1.08 0.00 | 31.49 1.59 0.00 | 32.73 1.91 0.00 | 28.42 1.89 0.00 | 29.47 2.02 0.00 | 27.91 1.89 0.00 | 37.42 2.37 0.00 | 34.47 2.13 0.00 | 31.06 1.87 0.00 | 25.47 1.48 0.00 | 25.56 1.17 0.00 | 23.36 1.01 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 21.15 0.61 0.00 | 19.29 0.51 0.00 | 16.67 0.45 0.00 | 18.63 0.44 0.00 | 20.96 0.51 0.00 | 21.57 0.56 0.00 | 23.62 0.63 0.00 | 25.34 0.73 0.00 | 24.12 0.81 0.00 | 22.06 0.67 0.00 | 21.59 0.65 0.00 | 21.59 0.65 0.00 | 22.58 0.80 0.00 | 31.18 1.27 0.00 | 32.40 1.58 0.00 | 28.19 1.67 0.00 | 29.26 1.80 0.00 | 27.85 1.82 0.00 | 37.47 2.42 0.00 | 34.52 2.19 0.00 | 31.05 1.87 0.00 | 25.44 1.44 0.00 | 25.51 1.13 0.00 | 23.27 0.92 0.00 |
| KIAC_JFK_GT1 23816 | 21.36 0.82 0.00 | 19.55 0.77 0.00 | 16.90 0.68 0.00 | 18.90 0.72 0.00 | 21.24 0.79 0.00 | 21.82 0.81 0.00 | 23.88 0.88 0.00 | 25.60 0.99 0.00 | 24.38 1.08 0.00 | 22.34 0.95 0.00 | 21.87 0.92 0.00 | 21.87 0.92 0.00 | 22.98 1.21 0.00 | 31.65 1.74 0.00 | 32.82 2.00 0.00 | 28.53 2.01 0.00 | 29.57 2.11 0.00 | 28.02 2.00 0.00 | 37.53 2.47 0.00 | 34.52 2.19 0.00 | 31.11 1.93 0.00 | 25.64 1.65 0.00 | 25.73 1.35 0.00 | 23.53 1.18 0.00 |
| KIAC_JFK_GT2 23817 | 21.36 0.82 0.00 | 19.55 0.77 0.00 | 16.90 0.68 0.00 | 18.90 0.72 0.00 | 21.24 0.79 0.00 | 21.82 0.81 0.00 | 23.88 0.88 0.00 | 25.60 0.99 0.00 | 24.38 1.08 0.00 | 22.34 0.95 0.00 | 21.87 0.92 0.00 | 21.87 0.92 0.00 | 22.98 1.21 0.00 | 31.65 1.74 0.00 | 32.82 2.00 0.00 | 28.53 2.01 0.00 | 29.57 2.11 0.00 | 28.02 2.00 0.00 | 37.53 2.47 0.00 | 34.52 2.19 0.00 | 31.11 1.93 0.00 | 25.64 1.65 0.00 | 25.73 1.35 0.00 | 23.53 1.18 0.00 |
| KIAC_JFK____ 323774 | 21.36 0.82 0.00 | 19.55 0.77 0.00 | 16.90 0.68 0.00 | 18.90 0.72 0.00 | 21.24 0.79 0.00 | 21.82 0.81 0.00 | 23.87 0.88 0.00 | 25.60 0.99 0.00 | 24.38 1.08 0.00 | 22.33 0.95 0.00 | 21.86 0.92 0.00 | 21.86 0.92 0.00 | 22.98 1.21 0.00 | 31.65 1.74 0.00 | 32.81 2.00 0.00 | 28.53 2.00 0.00 | 29.57 2.11 0.00 | 28.02 1.99 0.00 | 37.53 2.47 0.00 | 34.52 2.19 0.00 | 31.11 1.93 0.00 | 25.65 1.65 0.00 | 25.73 1.34 0.00 | 23.54 1.19 0.00 |
| KINTIGH____ 23543 | 19.24 -1.30 0.00 | 17.67 -1.10 0.00 | 15.20 -1.02 0.00 | 17.05 -1.13 0.00 | 19.18 -1.27 0.00 | 19.70 -1.30 0.00 | 21.63 -1.37 0.00 | 23.14 -1.46 0.00 | 21.91 -1.39 0.00 | 20.37 -1.01 0.00 | 19.96 -0.98 0.00 | 19.96 -0.98 0.00 | 20.97 -0.80 0.00 | 29.06 -0.85 0.00 | 29.70 -1.11 0.00 | 25.53 -0.99 0.00 | 26.09 -1.37 0.00 | 24.57 -1.46 0.00 | 33.29 -1.76 0.00 | 30.52 -1.82 0.00 | 27.52 -1.67 0.00 | 22.68 -1.31 0.00 | 23.06 -1.33 0.00 | 21.01 -1.34 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 20.92 0.38 0.00 | 19.19 0.42 0.00 | 16.58 0.36 0.00 | 18.57 0.39 0.00 | 20.90 0.45 0.00 | 21.51 0.50 0.00 | 23.63 0.63 0.00 | 25.36 0.76 0.00 | 23.79 0.49 0.00 | 21.89 0.50 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.37 0.59 0.00 | 30.59 0.69 0.00 | 31.43 0.61 0.00 | 26.94 0.41 0.00 | 27.85 0.40 0.00 | 26.33 0.31 0.00 | 35.51 0.46 0.00 | 32.82 0.49 0.00 | 29.38 0.19 0.00 | 23.95 -0.04 0.00 | 24.50 0.12 0.00 | 22.65 0.30 0.00 |
| LACHUTE____HYDRO 323717 | 22.32 1.78 0.00 | 20.78 2.01 0.00 | 18.16 1.94 0.00 | 20.30 2.11 0.00 | 22.69 2.24 0.00 | 23.15 2.14 0.00 | 25.04 2.05 0.00 | 26.74 2.13 0.00 | 24.89 1.59 0.00 | 22.54 1.15 0.00 | 22.07 1.13 0.00 | 22.07 1.13 0.00 | 23.04 1.27 0.00 | 31.91 2.01 0.00 | 33.61 2.79 0.00 | 29.34 2.81 0.00 | 30.77 3.32 0.00 | 29.17 3.15 0.00 | 39.08 4.03 0.00 | 36.30 3.96 0.00 | 32.83 3.64 0.00 | 26.88 2.89 0.00 | 26.81 2.43 0.00 | 24.66 2.31 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 20.14 -0.40 0.00 | 18.37 -0.40 0.00 | 15.84 -0.39 0.00 | 17.78 -0.41 0.00 | 20.04 -0.41 0.00 | 20.63 -0.38 0.00 | 22.68 -0.31 0.00 | 24.43 -0.17 0.00 | 23.07 -0.23 0.00 | 21.22 -0.17 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.58 -0.20 0.00 | 29.62 -0.28 0.00 | 30.34 -0.48 0.00 | 25.93 -0.60 0.00 | 26.68 -0.77 0.00 | 25.30 -0.73 0.00 | 34.22 -0.84 0.00 | 31.60 -0.73 0.00 | 28.56 -0.63 0.00 | 23.43 -0.56 0.00 | 24.14 -0.24 0.00 | 22.18 -0.17 0.00 |
| LEDERLE____ 23769 | 21.30 0.76 0.00 | 19.44 0.67 0.00 | 16.82 0.60 0.00 | 18.78 0.60 0.00 | 21.13 0.68 0.00 | 21.75 0.74 0.00 | 23.80 0.80 0.00 | 25.51 0.91 0.00 | 24.28 0.97 0.00 | 22.26 0.87 0.00 | 21.80 0.86 0.00 | 21.80 0.86 0.00 | 22.90 1.12 0.00 | 31.59 1.69 0.00 | 32.82 2.00 0.00 | 28.50 1.97 0.00 | 29.54 2.09 0.00 | 27.98 1.95 0.00 | 37.52 2.46 0.00 | 34.53 2.20 0.00 | 31.10 1.92 0.00 | 25.50 1.50 0.00 | 25.57 1.19 0.00 | 23.37 1.02 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 19.71 -0.82 0.00 | 17.99 -0.78 0.00 | 15.51 -0.71 0.00 | 17.44 -0.74 0.00 | 19.69 -0.76 0.00 | 20.24 -0.77 0.00 | 22.22 -0.77 0.00 | 23.85 -0.75 0.00 | 22.64 -0.66 0.00 | 20.79 -0.59 0.00 | 20.36 -0.59 0.00 | 20.36 -0.59 0.00 | 21.06 -0.71 0.00 | 28.88 -1.03 0.00 | 29.74 -1.08 0.00 | 25.60 -0.93 0.00 | 26.44 -1.01 0.00 | 25.26 -0.77 0.00 | 34.21 -0.85 0.00 | 31.55 -0.79 0.00 | 28.44 -0.75 0.00 | 23.36 -0.64 0.00 | 23.69 -0.70 0.00 | 21.65 -0.70 0.00 |
| LINDEN COGEN____ 23786 | 21.29 0.75 0.00 | 19.44 0.67 0.00 | 16.83 0.60 0.00 | 18.79 0.60 0.00 | 21.12 0.67 0.00 | 21.73 0.72 0.00 | 23.76 0.77 0.00 | 25.45 0.85 0.00 | 24.27 0.97 0.00 | 22.26 0.88 0.00 | 21.80 0.86 0.00 | 21.80 0.86 0.00 | 22.89 1.12 0.00 | 31.53 1.63 0.00 | 32.81 1.99 0.00 | 28.49 1.96 0.00 | 29.53 2.08 0.00 | 27.97 1.94 0.00 | 37.45 2.40 0.00 | 34.47 2.13 0.00 | 31.08 1.89 0.00 | 25.50 1.50 0.00 | 25.56 1.17 0.00 | 23.37 1.02 0.00 |
| LINDHRST_69_KV_BK1 356055 | 21.85 1.32 0.00 | 19.91 1.14 0.00 | 17.24 1.01 0.00 | 19.21 1.04 0.00 | 21.61 1.16 0.00 | 22.30 1.29 0.00 | 24.46 1.47 0.00 | 26.18 1.58 0.00 | 24.93 1.63 0.00 | 22.83 1.44 0.00 | 22.35 1.40 0.00 | 22.35 1.40 0.00 | 26.45 1.71 -2.96 | 33.05 2.47 -0.68 | 34.51 2.82 -0.87 | 35.28 2.72 -6.03 | 30.30 2.85 0.00 | 28.67 2.65 0.00 | 38.41 3.36 0.00 | 35.33 2.99 0.00 | 31.89 2.70 0.00 | 26.13 2.14 0.00 | 26.59 1.91 -0.29 | 23.93 1.58 0.00 |
| LIPA_MISC_IPP 23656 | 21.53 0.99 0.00 | 19.65 0.87 0.00 | 17.06 0.83 0.00 | 19.01 0.83 0.00 | 21.39 0.95 0.00 | 22.12 1.11 0.00 | 24.29 1.30 0.00 | 25.98 1.38 0.00 | 24.66 1.36 0.00 | 22.59 1.20 0.00 | 22.12 1.17 0.00 | 22.12 1.17 0.00 | 26.13 1.39 -2.96 | 32.56 1.99 -0.68 | 34.08 2.39 -0.87 | 34.93 2.38 -6.03 | 30.00 2.55 0.00 | 28.39 2.36 0.00 | 38.02 2.97 0.00 | 34.99 2.65 0.00 | 31.58 2.40 0.00 | 25.83 1.84 0.00 | 26.27 1.60 -0.29 | 23.59 1.24 0.00 |
| LISF____SOLAR 323691 | 21.57 1.03 0.00 | 19.68 0.90 0.00 | 17.09 0.86 0.00 | 19.04 0.86 0.00 | 21.43 0.98 0.00 | 22.15 1.15 0.00 | 24.34 1.34 0.00 | 26.02 1.42 0.00 | 24.70 1.39 0.00 | 22.61 1.22 0.00 | 22.14 1.19 0.00 | 22.14 1.19 0.00 | 26.15 1.41 -2.97 | 32.59 2.01 -0.68 | 34.11 2.42 -0.87 | 34.98 2.41 -6.03 | 30.05 2.60 0.00 | 28.46 2.43 0.00 | 38.12 3.06 0.00 | 35.07 2.74 0.00 | 31.65 2.47 0.00 | 25.90 1.90 0.00 | 26.32 1.65 -0.29 | 23.63 1.28 0.00 |

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| LITTLE FALLS___HYD 24013 | 20.76 0.21 0.00 | 18.98 0.21 0.00 | 16.49 0.26 0.00 | 18.46 0.27 0.00 | 20.69 0.24 0.00 | 21.15 0.15 0.00 | 23.09 0.10 0.00 | 24.52 -0.08 0.00 | 22.97 -0.33 0.00 | 20.75 -0.64 0.00 | 20.25 -0.69 0.00 | 20.25 -0.69 0.00 | 21.12 -0.66 0.00 | 28.92 -0.98 0.00 | 30.12 -0.70 0.00 | 26.06 -0.46 0.00 | 27.34 -0.11 0.00 | 26.16 0.13 0.00 | 35.61 0.56 0.00 | 33.21 0.88 0.00 | 29.97 0.78 0.00 | 24.55 0.55 0.00 | 24.60 0.22 0.00 | 22.42 0.07 0.00 |
| LITTLRIV_115KV_TB1 356100 | 20.41 -0.13 0.00 | 18.62 -0.16 0.00 | 16.04 -0.19 0.00 | 18.00 -0.18 0.00 | 20.29 -0.16 0.00 | 20.89 -0.12 0.00 | 22.99 -0.01 0.00 | 24.73 0.12 0.00 | 23.28 -0.02 0.00 | 21.37 -0.01 0.00 | 20.94 0.00 0.00 | 20.94 0.00 0.00 | 21.71 -0.07 0.00 | 29.79 -0.11 0.00 | 30.54 -0.28 0.00 | 26.07 -0.45 0.00 | 26.82 -0.64 0.00 | 25.46 -0.57 0.00 | 34.51 -0.55 0.00 | 32.00 -0.33 0.00 | 28.98 -0.21 0.00 | 23.77 -0.22 0.00 | 24.49 0.10 0.00 | 22.47 0.12 0.00 |
| LI_NEWBRDGE___DRP 323616 | 21.50 0.97 0.00 | 19.62 0.84 0.00 | 16.99 0.76 0.00 | 18.94 0.76 0.00 | 21.30 0.85 0.00 | 21.97 0.96 0.00 | 24.07 1.07 0.00 | 25.75 1.14 0.00 | 24.50 1.20 0.00 | 22.44 1.06 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 26.05 1.31 -2.96 | 32.48 1.90 -0.68 | 33.93 2.24 -0.87 | 34.76 2.20 -6.03 | 29.76 2.31 0.00 | 28.15 2.12 0.00 | 37.70 2.65 0.00 | 34.71 2.37 0.00 | 31.31 2.13 0.00 | 25.67 1.68 0.00 | 26.11 1.44 -0.29 | 23.54 1.19 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 19.19 -1.35 0.00 | 17.62 -1.16 0.00 | 15.14 -1.08 0.00 | 16.99 -1.20 0.00 | 19.12 -1.33 0.00 | 19.64 -1.37 0.00 | 21.59 -1.41 0.00 | 23.08 -1.52 0.00 | 21.85 -1.45 0.00 | 20.36 -1.03 0.00 | 19.94 -1.01 0.00 | 19.94 -1.01 0.00 | 21.01 -0.77 0.00 | 29.16 -0.74 0.00 | 29.72 -1.10 0.00 | 25.52 -1.01 0.00 | 26.00 -1.45 0.00 | 24.49 -1.54 0.00 | 33.23 -1.82 0.00 | 30.47 -1.87 0.00 | 27.49 -1.70 0.00 | 22.67 -1.32 0.00 | 23.05 -1.33 0.00 | 20.98 -1.38 0.00 |
| LOCKPORT___CC1 323769 | 19.16 -1.37 0.00 | 17.60 -1.18 0.00 | 15.13 -1.10 0.00 | 16.97 -1.21 0.00 | 19.10 -1.35 0.00 | 19.61 -1.39 0.00 | 21.57 -1.43 0.00 | 23.06 -1.55 0.00 | 21.83 -1.47 0.00 | 20.33 -1.06 0.00 | 19.92 -1.03 0.00 | 19.92 -1.03 0.00 | 20.99 -0.79 0.00 | 29.14 -0.76 0.00 | 29.70 -1.12 0.00 | 25.50 -1.02 0.00 | 25.98 -1.48 0.00 | 24.46 -1.57 0.00 | 33.19 -1.87 0.00 | 30.42 -1.92 0.00 | 27.45 -1.74 0.00 | 22.63 -1.37 0.00 | 23.03 -1.35 0.00 | 20.95 -1.40 0.00 |
| LOCKPORT___CC2 323770 | 19.16 -1.37 0.00 | 17.60 -1.18 0.00 | 15.13 -1.10 0.00 | 16.97 -1.21 0.00 | 19.10 -1.35 0.00 | 19.61 -1.39 0.00 | 21.57 -1.43 0.00 | 23.06 -1.55 0.00 | 21.83 -1.47 0.00 | 20.33 -1.06 0.00 | 19.92 -1.03 0.00 | 19.92 -1.03 0.00 | 20.99 -0.79 0.00 | 29.14 -0.76 0.00 | 29.70 -1.12 0.00 | 25.50 -1.02 0.00 | 25.98 -1.48 0.00 | 24.46 -1.57 0.00 | 33.19 -1.87 0.00 | 30.42 -1.92 0.00 | 27.45 -1.74 0.00 | 22.63 -1.37 0.00 | 23.03 -1.35 0.00 | 20.95 -1.40 0.00 |
| LOCKPORT___CC3 323771 | 19.16 -1.37 0.00 | 17.60 -1.18 0.00 | 15.13 -1.10 0.00 | 16.97 -1.21 0.00 | 19.10 -1.35 0.00 | 19.61 -1.39 0.00 | 21.57 -1.43 0.00 | 23.06 -1.55 0.00 | 21.83 -1.47 0.00 | 20.33 -1.06 0.00 | 19.92 -1.03 0.00 | 19.92 -1.03 0.00 | 20.99 -0.79 0.00 | 29.14 -0.76 0.00 | 29.70 -1.12 0.00 | 25.50 -1.02 0.00 | 25.98 -1.48 0.00 | 24.46 -1.57 0.00 | 33.19 -1.87 0.00 | 30.42 -1.92 0.00 | 27.45 -1.74 0.00 | 22.63 -1.37 0.00 | 23.03 -1.35 0.00 | 20.95 -1.40 0.00 |
| LONG_LAKE_PHOENIX 24014 | 20.11 -0.43 0.00 | 18.37 -0.40 0.00 | 15.86 -0.36 0.00 | 17.79 -0.40 0.00 | 20.02 -0.43 0.00 | 20.57 -0.43 0.00 | 22.54 -0.46 0.00 | 24.08 -0.52 0.00 | 22.81 -0.49 0.00 | 20.95 -0.44 0.00 | 20.50 -0.44 0.00 | 20.50 -0.44 0.00 | 21.25 -0.52 0.00 | 29.16 -0.74 0.00 | 30.07 -0.74 0.00 | 25.95 -0.58 0.00 | 26.86 -0.60 0.00 | 25.54 -0.49 0.00 | 34.44 -0.61 0.00 | 31.77 -0.57 0.00 | 28.66 -0.52 0.00 | 23.55 -0.44 0.00 | 23.84 -0.55 0.00 | 21.81 -0.55 0.00 |
| LOVETT___3 23632 | 21.20 0.66 0.00 | 19.36 0.59 0.00 | 16.75 0.53 0.00 | 18.71 0.53 0.00 | 21.04 0.60 0.00 | 21.65 0.64 0.00 | 23.69 0.70 0.00 | 25.39 0.79 0.00 | 24.15 0.85 0.00 | 22.14 0.75 0.00 | 21.68 0.73 0.00 | 21.68 0.73 0.00 | 22.76 0.98 0.00 | 31.38 1.48 0.00 | 32.61 1.79 0.00 | 28.31 1.79 0.00 | 29.34 1.88 0.00 | 27.79 1.76 0.00 | 37.26 2.21 0.00 | 34.31 1.97 0.00 | 30.91 1.73 0.00 | 25.35 1.36 0.00 | 25.43 1.05 0.00 | 23.25 0.90 0.00 |
| LOVETT___4 23642 | 21.20 0.66 0.00 | 19.36 0.59 0.00 | 16.75 0.53 0.00 | 18.71 0.53 0.00 | 21.04 0.60 0.00 | 21.65 0.64 0.00 | 23.69 0.70 0.00 | 25.39 0.79 0.00 | 24.15 0.85 0.00 | 22.14 0.75 0.00 | 21.68 0.73 0.00 | 21.68 0.73 0.00 | 22.76 0.98 0.00 | 31.38 1.48 0.00 | 32.61 1.79 0.00 | 28.31 1.79 0.00 | 29.34 1.88 0.00 | 27.79 1.76 0.00 | 37.26 2.21 0.00 | 34.31 1.97 0.00 | 30.91 1.73 0.00 | 25.35 1.36 0.00 | 25.43 1.05 0.00 | 23.25 0.90 0.00 |
| LOVETT___5 23593 | 21.20 0.66 0.00 | 19.36 0.59 0.00 | 16.75 0.53 0.00 | 18.71 0.53 0.00 | 21.04 0.60 0.00 | 21.65 0.64 0.00 | 23.69 0.70 0.00 | 25.39 0.79 0.00 | 24.15 0.85 0.00 | 22.14 0.75 0.00 | 21.68 0.73 0.00 | 21.68 0.73 0.00 | 22.76 0.98 0.00 | 31.38 1.48 0.00 | 32.61 1.79 0.00 | 28.31 1.79 0.00 | 29.34 1.88 0.00 | 27.79 1.76 0.00 | 37.26 2.21 0.00 | 34.31 1.97 0.00 | 30.91 1.73 0.00 | 25.35 1.36 0.00 | 25.43 1.05 0.00 | 23.25 0.90 0.00 |
| LOWER RAQUET___HYD 24057 | 20.00 -0.54 0.00 | 18.25 -0.52 0.00 | 15.72 -0.50 0.00 | 17.66 -0.53 0.00 | 19.91 -0.54 0.00 | 20.50 -0.50 0.00 | 22.56 -0.44 0.00 | 24.31 -0.29 0.00 | 22.97 -0.33 0.00 | 21.11 -0.27 0.00 | 20.69 -0.25 0.00 | 20.69 -0.25 0.00 | 21.47 -0.31 0.00 | 29.46 -0.45 0.00 | 30.17 -0.64 0.00 | 25.78 -0.75 0.00 | 26.52 -0.93 0.00 | 25.17 -0.86 0.00 | 34.05 -1.00 0.00 | 31.47 -0.87 0.00 | 28.42 -0.76 0.00 | 23.32 -0.67 0.00 | 24.04 -0.34 0.00 | 22.09 -0.26 0.00 |
| LOWER___HUDSON 24059 | 21.37 0.83 0.00 | 19.56 0.79 0.00 | 16.97 0.74 0.00 | 18.98 0.80 0.00 | 21.31 0.86 0.00 | 21.82 0.81 0.00 | 23.79 0.80 0.00 | 25.42 0.81 0.00 | 24.01 0.71 0.00 | 21.87 0.48 0.00 | 21.40 0.46 0.00 | 21.40 0.46 0.00 | 22.21 0.44 0.00 | 30.46 0.55 0.00 | 31.71 0.89 0.00 | 27.39 0.86 0.00 | 28.52 1.07 0.00 | 27.08 1.05 0.00 | 36.49 1.44 0.00 | 33.92 1.58 0.00 | 30.58 1.39 0.00 | 25.04 1.04 0.00 | 25.16 0.78 0.00 | 23.05 0.69 0.00 |
| LOWVILLE_115KV_TB2 356335 | 19.59 -0.95 0.00 | 17.82 -0.95 0.00 | 15.35 -0.88 0.00 | 17.33 -0.85 0.00 | 19.63 -0.82 0.00 | 20.25 -0.76 0.00 | 22.32 -0.68 0.00 | 24.16 -0.45 0.00 | 23.02 -0.28 0.00 | 21.13 -0.25 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.36 -0.41 0.00 | 29.24 -0.66 0.00 | 30.13 -0.69 0.00 | 25.84 -0.68 0.00 | 26.56 -0.90 0.00 | 25.52 -0.51 0.00 | 34.73 -0.32 0.00 | 32.02 -0.32 0.00 | 28.80 -0.38 0.00 | 23.67 -0.33 0.00 | 24.11 -0.28 0.00 | 22.03 -0.32 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 21.76 1.23 0.00 | 19.95 1.18 0.00 | 17.30 1.08 0.00 | 19.35 1.17 0.00 | 21.69 1.24 0.00 | 22.22 1.21 0.00 | 24.24 1.24 0.00 | 25.87 1.27 0.00 | 24.37 1.07 0.00 | 22.18 0.79 0.00 | 21.70 0.75 0.00 | 21.70 0.75 0.00 | 22.59 0.82 0.00 | 31.05 1.15 0.00 | 32.34 1.52 0.00 | 28.00 1.47 0.00 | 29.21 1.76 0.00 | 27.77 1.74 0.00 | 37.45 2.40 0.00 | 34.76 2.42 0.00 | 31.31 2.12 0.00 | 25.59 1.60 0.00 | 25.75 1.36 0.00 | 23.54 1.19 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 21.76 1.22 0.00 | 19.94 1.17 0.00 | 17.29 1.07 0.00 | 19.34 1.16 0.00 | 21.68 1.23 0.00 | 22.21 1.20 0.00 | 24.24 1.24 0.00 | 25.87 1.27 0.00 | 24.37 1.07 0.00 | 22.17 0.78 0.00 | 21.68 0.73 0.00 | 21.68 0.73 0.00 | 22.61 0.83 0.00 | 31.07 1.16 0.00 | 32.35 1.54 0.00 | 28.01 1.48 0.00 | 29.24 1.79 0.00 | 27.79 1.77 0.00 | 37.49 2.43 0.00 | 34.77 2.44 0.00 | 31.32 2.13 0.00 | 25.58 1.59 0.00 | 25.75 1.37 0.00 | 23.54 1.19 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 19.61 -0.93 0.00 | 17.86 -0.91 0.00 | 15.38 -0.85 0.00 | 17.32 -0.86 0.00 | 19.58 -0.87 0.00 | 20.17 -0.84 0.00 | 22.22 -0.78 0.00 | 24.00 -0.60 0.00 | 22.77 -0.53 0.00 | 20.90 -0.48 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.18 -0.60 0.00 | 29.04 -0.87 0.00 | 29.83 -0.99 0.00 | 25.53 -1.00 0.00 | 26.24 -1.22 0.00 | 25.09 -0.93 0.00 | 34.08 -0.97 0.00 | 31.46 -0.88 0.00 | 28.37 -0.82 0.00 | 23.24 -0.75 0.00 | 23.81 -0.58 0.00 | 21.82 -0.54 0.00 |
| LYONS_FALL_HYD 23570 | 20.05 -0.49 0.00 | 18.28 -0.49 0.00 | 15.75 -0.47 0.00 | 17.74 -0.44 0.00 | 20.03 -0.41 0.00 | 20.64 -0.36 0.00 | 22.71 -0.29 0.00 | 24.47 -0.14 0.00 | 23.25 -0.05 0.00 | 21.34 -0.04 0.00 | 20.88 -0.06 0.00 | 20.88 -0.06 0.00 | 21.62 -0.15 0.00 | 29.63 -0.28 0.00 | 30.56 -0.26 0.00 | 26.26 -0.27 0.00 | 27.07 -0.38 0.00 | 25.92 -0.12 0.00 | 35.18 0.13 0.00 | 32.43 0.09 0.00 | 29.22 0.04 0.00 | 24.01 0.02 0.00 | 24.40 0.01 0.00 | 22.28 -0.07 0.00 |
| MADISON___COUNTY_LFGE 323628 | 20.76 0.22 0.00 | 18.96 0.19 0.00 | 16.36 0.14 0.00 | 18.37 0.19 0.00 | 20.67 0.22 0.00 | 21.26 0.25 0.00 | 23.35 0.35 0.00 | 24.99 0.39 0.00 | 23.62 0.32 0.00 | 21.63 0.25 0.00 | 21.17 0.23 0.00 | 21.17 0.23 0.00 | 21.99 0.22 0.00 | 30.21 0.30 0.00 | 31.18 0.36 0.00 | 26.90 0.37 0.00 | 27.88 0.42 0.00 | 26.52 0.49 0.00 | 35.93 0.87 0.00 | 33.13 0.79 0.00 | 29.94 0.75 0.00 | 24.59 0.60 0.00 | 24.88 0.49 0.00 | 22.70 0.35 0.00 |
| MALONE___115KV_TB1 356076 | 20.51 -0.03 0.00 | 18.76 -0.02 0.00 | 16.16 -0.06 0.00 | 18.13 -0.05 0.00 | 20.46 0.01 0.00 | 21.07 0.06 0.00 | 23.21 0.21 0.00 | 24.96 0.36 0.00 | 23.53 0.23 0.00 | 21.68 0.29 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.08 0.30 0.00 | 30.24 0.33 0.00 | 31.00 0.18 0.00 | 26.52 0.00 0.00 | 27.34 -0.12 0.00 | 25.86 -0.17 0.00 | 34.91 -0.14 0.00 | 32.23 -0.10 0.00 | 28.94 -0.24 0.00 | 23.65 -0.34 0.00 | 24.25 -0.13 0.00 | 22.34 -0.01 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 21.18 0.64 0.00 | 19.39 0.62 0.00 | 16.82 0.59 0.00 | 18.81 0.63 0.00 | 21.11 0.66 0.00 | 21.64 0.63 0.00 | 23.59 0.60 0.00 | 25.19 0.59 0.00 | 23.88 0.58 0.00 | 21.78 0.40 0.00 | 21.32 0.38 0.00 | 21.32 0.38 0.00 | 22.14 0.36 0.00 | 30.31 0.40 0.00 | 31.51 0.70 0.00 | 27.25 0.72 0.00 | 28.36 0.91 0.00 | 26.94 0.91 0.00 | 36.28 1.22 0.00 | 33.66 1.32 0.00 | 30.36 1.17 0.00 | 24.86 0.86 0.00 | 24.97 0.59 0.00 | 22.86 0.51 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 20.15 -0.39 0.00 | 18.39 -0.39 0.00 | 15.84 -0.38 0.00 | 17.87 -0.31 0.00 | 20.14 -0.30 0.00 | 20.74 -0.26 0.00 | 22.76 -0.23 0.00 | 24.43 -0.17 0.00 | 23.19 -0.11 0.00 | 21.38 0.00 0.00 | 20.94 0.00 0.00 | 20.94 0.00 0.00 | 21.76 -0.01 0.00 | 29.87 -0.04 0.00 | 30.67 -0.15 0.00 | 26.24 -0.29 0.00 | 27.08 -0.37 0.00 | 25.69 -0.34 0.00 | 34.65 -0.41 0.00 | 31.90 -0.44 0.00 | 28.72 -0.47 0.00 | 23.64 -0.35 0.00 | 24.18 -0.20 0.00 | 22.20 -0.15 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 20.15 -0.39 0.00 | 18.39 -0.39 0.00 | 15.84 -0.38 0.00 | 17.87 -0.31 0.00 | 20.14 -0.30 0.00 | 20.74 -0.26 0.00 | 22.76 -0.23 0.00 | 24.43 -0.17 0.00 | 23.19 -0.11 0.00 | 21.38 0.00 0.00 | 20.94 0.00 0.00 | 20.94 0.00 0.00 | 21.76 -0.01 0.00 | 29.87 -0.04 0.00 | 30.67 -0.15 0.00 | 26.24 -0.29 0.00 | 27.08 -0.37 0.00 | 25.69 -0.34 0.00 | 34.65 -0.41 0.00 | 31.90 -0.44 0.00 | 28.72 -0.47 0.00 | 23.64 -0.35 0.00 | 24.18 -0.20 0.00 | 22.20 -0.15 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 20.60 0.06 0.00 | 18.87 0.10 0.00 | 16.28 0.05 0.00 | 18.26 0.07 0.00 | 20.59 0.14 0.00 | 21.19 0.18 0.00 | 23.29 0.30 0.00 | 25.00 0.40 0.00 | 23.53 0.23 0.00 | 21.70 0.31 0.00 | 21.28 0.33 0.00 | 21.28 0.33 0.00 | 22.13 0.35 0.00 | 30.29 0.38 0.00 | 31.09 0.27 0.00 | 26.62 0.09 0.00 | 27.48 0.03 0.00 | 25.97 -0.06 0.00 | 35.00 -0.06 0.00 | 32.27 -0.06 0.00 | 28.89 -0.30 0.00 | 23.59 -0.40 0.00 | 24.13 -0.25 0.00 | 22.29 -0.06 0.00 |
| MARSHVLE_115KV_TB1 80742 | 21.50 0.96 0.00 | 19.58 0.81 0.00 | 16.89 0.66 0.00 | 18.91 0.72 0.00 | 21.32 0.87 0.00 | 21.99 0.98 0.00 | 24.19 1.19 0.00 | 25.76 1.16 0.00 | 24.08 0.78 0.00 | 22.03 0.65 0.00 | 21.59 0.65 0.00 | 21.59 0.65 0.00 | 22.53 0.76 0.00 | 31.14 1.24 0.00 | 32.01 1.20 0.00 | 27.54 1.02 0.00 | 28.51 1.06 0.00 | 26.99 0.96 0.00 | 36.77 1.72 0.00 | 34.07 1.74 0.00 | 30.80 1.61 0.00 | 25.41 1.41 0.00 | 25.83 1.44 0.00 | 23.65 1.30 0.00 |
| MARSH_HILL_WT_PWR 323713 | 20.29 -0.25 0.00 | 18.49 -0.28 0.00 | 15.55 -0.68 0.00 | 17.49 -0.69 0.00 | 20.15 -0.30 0.00 | 20.65 -0.36 0.00 | 22.99 0.00 0.00 | 25.29 0.68 0.00 | 23.92 0.62 0.00 | 22.03 0.65 0.00 | 21.53 0.59 0.00 | 21.53 0.59 0.00 | 22.49 0.72 0.00 | 31.23 1.32 0.00 | 32.06 1.25 0.00 | 27.78 1.26 0.00 | 28.64 1.18 0.00 | 26.93 0.91 0.00 | 36.66 1.60 0.00 | 33.92 1.59 0.00 | 30.56 1.38 0.00 | 24.95 0.96 0.00 | 25.05 0.66 0.00 | 22.75 0.40 0.00 |
| MCINTYRE_115KV_TB2 80467 | 20.74 0.20 0.00 | 18.92 0.15 0.00 | 16.30 0.07 0.00 | 18.29 0.10 0.00 | 20.60 0.15 0.00 | 21.20 0.20 0.00 | 23.33 0.34 0.00 | 25.04 0.44 0.00 | 23.51 0.21 0.00 | 21.58 0.20 0.00 | 21.15 0.21 0.00 | 21.15 0.21 0.00 | 21.92 0.14 0.00 | 30.08 0.18 0.00 | 30.80 -0.02 0.00 | 26.31 -0.22 0.00 | 27.06 -0.40 0.00 | 25.66 -0.37 0.00 | 34.82 -0.24 0.00 | 32.37 0.03 0.00 | 29.36 0.18 0.00 | 24.10 0.11 0.00 | 24.82 0.43 0.00 | 22.77 0.41 0.00 |
| MECO_____69_KV_BK1 80468 | 21.76 1.22 0.00 | 19.83 1.06 0.00 | 17.13 0.91 0.00 | 19.17 0.99 0.00 | 21.59 1.14 0.00 | 22.21 1.21 0.00 | 24.40 1.40 0.00 | 25.92 1.32 0.00 | 24.10 0.79 0.00 | 21.87 0.48 0.00 | 21.41 0.46 0.00 | 21.41 0.46 0.00 | 22.23 0.45 0.00 | 30.61 0.71 0.00 | 31.58 0.77 0.00 | 27.26 0.73 0.00 | 28.42 0.97 0.00 | 27.06 1.03 0.00 | 37.26 2.20 0.00 | 34.76 2.42 0.00 | 31.38 2.20 0.00 | 25.76 1.76 0.00 | 26.03 1.64 0.00 | 23.79 1.44 0.00 |
| MENANDS___115KV_TB5 355628 | 21.07 0.53 0.00 | 19.29 0.52 0.00 | 16.74 0.51 0.00 | 18.72 0.54 0.00 | 21.00 0.56 0.00 | 21.52 0.51 0.00 | 23.46 0.47 0.00 | 25.05 0.45 0.00 | 23.76 0.46 0.00 | 21.69 0.30 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.05 0.27 0.00 | 30.17 0.26 0.00 | 31.36 0.54 0.00 | 27.11 0.58 0.00 | 28.22 0.77 0.00 | 26.78 0.75 0.00 | 36.03 0.98 0.00 | 33.44 1.09 0.00 | 30.15 0.97 0.00 | 24.70 0.71 0.00 | 24.82 0.43 0.00 | 22.74 0.38 0.00 |
| MG INDUSTRY___DRP 24185 | 21.11 0.57 0.00 | 19.34 0.57 0.00 | 16.78 0.56 0.00 | 18.79 0.60 0.00 | 21.09 0.64 0.00 | 21.63 0.62 0.00 | 23.58 0.58 0.00 | 25.16 0.56 0.00 | 23.81 0.51 0.00 | 21.73 0.33 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.01 0.23 0.00 | 30.14 0.23 0.00 | 31.22 0.41 0.00 | 27.05 0.53 0.00 | 28.19 0.73 0.00 | 26.76 0.73 0.00 | 36.06 1.00 0.00 | 33.45 1.11 0.00 | 30.18 1.00 0.00 | 24.72 0.72 0.00 | 24.87 0.49 0.00 | 22.78 0.43 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 19.61 -0.93 0.00 | 17.86 -0.91 0.00 | 15.38 -0.85 0.00 | 17.32 -0.86 0.00 | 19.58 -0.87 0.00 | 20.17 -0.84 0.00 | 22.22 -0.78 0.00 | 24.00 -0.60 0.00 | 22.77 -0.53 0.00 | 20.90 -0.48 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.18 -0.60 0.00 | 29.04 -0.87 0.00 | 29.83 -0.99 0.00 | 25.53 -1.00 0.00 | 26.24 -1.22 0.00 | 25.09 -0.93 0.00 | 34.08 -0.97 0.00 | 31.46 -0.88 0.00 | 28.37 -0.82 0.00 | 23.24 -0.75 0.00 | 23.81 -0.58 0.00 | 21.82 -0.54 0.00 |
| MID___RAQUETTE_HYD 23851 | 20.00 -0.54 0.00 | 18.25 -0.52 0.00 | 15.72 -0.50 0.00 | 17.66 -0.53 0.00 | 19.91 -0.54 0.00 | 20.50 -0.50 0.00 | 22.56 -0.44 0.00 | 24.31 -0.29 0.00 | 22.97 -0.33 0.00 | 21.11 -0.27 0.00 | 20.69 -0.25 0.00 | 20.69 -0.25 0.00 | 21.46 -0.31 0.00 | 29.45 -0.45 0.00 | 30.18 -0.64 0.00 | 25.78 -0.75 0.00 | 26.52 -0.93 0.00 | 25.17 -0.86 0.00 | 34.05 -1.00 0.00 | 31.47 -0.87 0.00 | 28.42 -0.76 0.00 | 23.32 -0.67 0.00 | 24.04 -0.34 0.00 | 22.09 -0.26 0.00 |
| MILLIKEN___1 23584 | 20.63 0.10 0.00 | 18.87 0.09 0.00 | 16.28 0.06 0.00 | 18.25 0.06 0.00 | 20.54 0.08 0.00 | 21.13 0.13 0.00 | 23.18 0.19 0.00 | 24.83 0.22 0.00 | 23.45 0.15 0.00 | 21.45 0.06 0.00 | 20.99 0.04 0.00 | 20.99 0.04 0.00 | 21.82 0.04 0.00 | 30.06 0.15 0.00 | 30.97 0.16 0.00 | 26.74 0.21 0.00 | 27.77 0.32 0.00 | 26.36 0.33 0.00 | 35.69 0.63 0.00 | 32.97 0.63 0.00 | 29.75 0.56 0.00 | 24.44 0.44 0.00 | 24.67 0.29 0.00 | 22.50 0.15 0.00 |
| MILLIKEN___2 23585 | 20.63 0.10 0.00 | 18.87 0.09 0.00 | 16.28 0.06 0.00 | 18.25 0.06 0.00 | 20.54 0.08 0.00 | 21.13 0.13 0.00 | 23.18 0.19 0.00 | 24.83 0.22 0.00 | 23.45 0.15 0.00 | 21.45 0.06 0.00 | 20.99 0.04 0.00 | 20.99 0.04 0.00 | 21.82 0.04 0.00 | 30.06 0.15 0.00 | 30.97 0.16 0.00 | 26.74 0.21 0.00 | 27.77 0.32 0.00 | 26.36 0.33 0.00 | 35.69 0.63 0.00 | 32.97 0.63 0.00 | 29.75 0.56 0.00 | 24.44 0.44 0.00 | 24.67 0.29 0.00 | 22.50 0.15 0.00 |
| MILLIKEN___DIESEL 23629 | 20.63 0.10 0.00 | 18.87 0.09 0.00 | 16.28 0.06 0.00 | 18.25 0.06 0.00 | 20.54 0.08 0.00 | 21.13 0.13 0.00 | 23.18 0.19 0.00 | 24.83 0.22 0.00 | 23.45 0.15 0.00 | 21.45 0.06 0.00 | 20.99 0.04 0.00 | 20.99 0.04 0.00 | 21.82 0.04 0.00 | 30.06 0.15 0.00 | 30.97 0.16 0.00 | 26.74 0.21 0.00 | 27.77 0.32 0.00 | 26.36 0.33 0.00 | 35.69 0.63 0.00 | 32.97 0.63 0.00 | 29.75 0.56 0.00 | 24.44 0.44 0.00 | 24.67 0.29 0.00 | 22.50 0.15 0.00 |
| MILLSEAT___LFGE 323607 | 19.63 -0.91 0.00 | 18.01 -0.76 0.00 | 15.48 -0.75 0.00 | 17.36 -0.82 0.00 | 19.54 -0.91 0.00 | 20.08 -0.92 0.00 | 22.10 -0.90 0.00 | 23.63 -0.98 0.00 | 22.33 -0.97 0.00 | 20.72 -0.67 0.00 | 20.29 -0.65 0.00 | 20.29 -0.65 0.00 | 21.33 -0.44 0.00 | 29.63 -0.28 0.00 | 30.25 -0.57 0.00 | 26.03 -0.50 0.00 | 26.58 -0.87 0.00 | 25.05 -0.98 0.00 | 34.13 -0.92 0.00 | 31.33 -1.01 0.00 | 28.27 -0.92 0.00 | 23.26 -0.73 0.00 | 23.61 -0.77 0.00 | 21.45 -0.91 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 21.28 0.74 0.00 | 19.43 0.66 0.00 | 16.83 0.60 0.00 | 18.79 0.61 0.00 | 21.13 0.68 0.00 | 21.74 0.73 0.00 | 23.78 0.78 0.00 | 25.47 0.87 0.00 | 24.24 0.93 0.00 | 22.20 0.82 0.00 | 21.74 0.80 0.00 | 21.74 0.80 0.00 | 22.80 1.03 0.00 | 31.42 1.51 0.00 | 32.65 1.84 0.00 | 28.35 1.83 0.00 | 29.40 1.94 0.00 | 27.85 1.82 0.00 | 37.34 2.28 0.00 | 34.40 2.06 0.00 | 30.99 1.81 0.00 | 25.42 1.42 0.00 | 25.50 1.12 0.00 | 23.32 0.97 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 21.33 0.79 0.00 | 19.47 0.70 0.00 | 16.86 0.63 0.00 | 18.83 0.65 0.00 | 21.17 0.72 0.00 | 21.78 0.77 0.00 | 23.83 0.84 0.00 | 25.53 0.93 0.00 | 24.30 0.99 0.00 | 22.26 0.88 0.00 | 21.80 0.86 0.00 | 21.80 0.86 0.00 | 22.86 1.09 0.00 | 31.51 1.60 0.00 | 32.75 1.93 0.00 | 28.44 1.91 0.00 | 29.49 2.03 0.00 | 27.94 1.91 0.00 | 37.46 2.40 0.00 | 34.51 2.17 0.00 | 31.09 1.90 0.00 | 25.49 1.50 0.00 | 25.57 1.19 0.00 | 23.37 1.02 0.00 |
| MODEL_CITY_ENERGY 24167 | 18.99 -1.55 0.00 | 17.44 -1.34 0.00 | 14.99 -1.24 0.00 | 16.82 -1.37 0.00 | 18.92 -1.53 0.00 | 19.44 -1.57 0.00 | 21.38 -1.62 0.00 | 22.82 -1.78 0.00 | 21.61 -1.69 0.00 | 20.15 -1.23 0.00 | 19.75 -1.19 0.00 | 19.75 -1.19 0.00 | 20.79 -0.98 0.00 | 28.84 -1.07 0.00 | 29.38 -1.44 0.00 | 25.23 -1.29 0.00 | 25.69 -1.77 0.00 | 24.18 -1.85 0.00 | 32.81 -2.25 0.00 | 30.07 -2.27 0.00 | 27.14 -2.05 0.00 | 22.39 -1.60 0.00 | 22.80 -1.58 0.00 | 20.76 -1.60 0.00 |
| MODERN_LFGE___ 323580 | 18.99 -1.55 0.00 | 17.44 -1.34 0.00 | 14.99 -1.24 0.00 | 16.82 -1.37 0.00 | 18.92 -1.53 0.00 | 19.44 -1.57 0.00 | 21.38 -1.62 0.00 | 22.82 -1.78 0.00 | 21.61 -1.69 0.00 | 20.15 -1.23 0.00 | 19.75 -1.19 0.00 | 19.75 -1.19 0.00 | 20.79 -0.98 0.00 | 28.84 -1.07 0.00 | 29.38 -1.44 0.00 | 25.23 -1.29 0.00 | 25.69 -1.77 0.00 | 24.18 -1.85 0.00 | 32.81 -2.25 0.00 | 30.07 -2.27 0.00 | 27.14 -2.05 0.00 | 22.39 -1.60 0.00 | 22.80 -1.58 0.00 | 20.76 -1.60 0.00 |
| MOHAWK_PAPER___DRP 24187 | 21.18 0.64 0.00 | 19.39 0.62 0.00 | 16.82 0.59 0.00 | 18.81 0.63 0.00 | 21.11 0.66 0.00 | 21.64 0.63 0.00 | 23.59 0.60 0.00 | 25.19 0.59 0.00 | 23.88 0.58 0.00 | 21.78 0.40 0.00 | 21.32 0.38 0.00 | 21.32 0.38 0.00 | 22.14 0.36 0.00 | 30.31 0.40 0.00 | 31.51 0.70 0.00 | 27.25 0.72 0.00 | 28.36 0.91 0.00 | 26.94 0.91 0.00 | 36.28 1.22 0.00 | 33.66 1.32 0.00 | 30.36 1.17 0.00 | 24.86 0.86 0.00 | 24.97 0.59 0.00 | 22.86 0.51 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 21.96 1.42 0.00 | 20.20 1.43 0.00 | 17.54 1.32 0.00 | 19.62 1.44 0.00 | 21.91 1.46 0.00 | 22.43 1.42 0.00 | 24.42 1.42 0.00 | 26.04 1.43 0.00 | 24.47 1.17 0.00 | 22.24 0.86 0.00 | 21.76 0.82 0.00 | 21.76 0.82 0.00 | 22.67 0.89 0.00 | 31.22 1.31 0.00 | 32.58 1.76 0.00 | 28.30 1.77 0.00 | 29.56 2.11 0.00 | 28.10 2.07 0.00 | 37.84 2.79 0.00 | 35.12 2.78 0.00 | 31.67 2.48 0.00 | 25.91 1.91 0.00 | 26.06 1.67 0.00 | 23.81 1.46 0.00 |
| MONGAUP___HYD 23641 | 21.34 0.80 0.00 | 19.48 0.71 0.00 | 16.85 0.62 0.00 | 18.83 0.64 0.00 | 21.17 0.72 0.00 | 21.79 0.78 0.00 | 23.86 0.86 0.00 | 25.54 0.94 0.00 | 24.18 0.88 0.00 | 21.99 0.60 0.00 | 21.51 0.57 0.00 | 21.51 0.57 0.00 | 22.43 0.66 0.00 | 30.86 0.95 0.00 | 32.03 1.21 0.00 | 27.85 1.32 0.00 | 28.99 1.53 0.00 | 27.48 1.45 0.00 | 37.09 2.04 0.00 | 34.34 2.00 0.00 | 30.97 1.78 0.00 | 25.45 1.46 0.00 | 25.55 1.17 0.00 | 23.33 0.97 0.00 |
| MONTAUK___DIESEL 23721 | 21.90 1.36 0.00 | 19.92 1.14 0.00 | 17.34 1.12 0.00 | 19.32 1.14 0.00 | 21.81 1.36 0.00 | 22.77 1.76 0.00 | 25.15 2.15 0.00 | 26.90 2.30 0.00 | 25.65 2.35 0.00 | 23.61 2.22 0.00 | 23.12 2.18 0.00 | 23.12 2.18 0.00 | 27.23 2.49 -2.96 | 34.14 3.56 -0.68 | 35.68 3.99 -0.87 | 36.25 3.69 -6.03 | 31.32 3.87 0.00 | 29.64 3.61 0.00 | 39.42 4.37 0.00 | 36.19 3.85 0.00 | 32.62 3.43 0.00 | 26.79 2.79 0.00 | 27.20 2.53 -0.29 | 24.23 1.88 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 19.75 -0.79 0.00 | 18.18 -0.59 0.00 | 15.68 -0.54 0.00 | 17.62 -0.57 0.00 | 19.85 -0.60 0.00 | 20.44 -0.57 0.00 | 22.53 -0.47 0.00 | 24.20 -0.41 0.00 | 22.91 -0.39 0.00 | 21.32 -0.07 0.00 | 20.86 -0.08 0.00 | 20.86 -0.08 0.00 | 22.03 0.25 0.00 | 30.63 0.73 0.00 | 31.34 0.53 0.00 | 27.01 0.48 0.00 | 27.57 0.11 0.00 | 25.92 -0.11 0.00 | 35.04 -0.02 0.00 | 32.16 -0.18 0.00 | 28.91 -0.27 0.00 | 23.83 -0.17 0.00 | 24.12 -0.27 0.00 | 21.87 -0.49 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MORRIS_RIDGE___SOLAR 323848 | 19.55 -0.99 0.00 | 17.90 -0.87 0.00 | 15.43 -0.79 0.00 | 17.33 -0.85 0.00 | 19.54 -0.91 0.00 | 20.07 -0.94 0.00 | 22.08 -0.91 0.00 | 23.70 -0.90 0.00 | 22.48 -0.82 0.00 | 20.85 -0.53 0.00 | 20.40 -0.54 0.00 | 20.40 -0.54 0.00 | 21.43 -0.35 0.00 | 29.76 -0.15 0.00 | 30.55 -0.27 0.00 | 26.35 -0.18 0.00 | 27.02 -0.44 0.00 | 25.46 -0.57 0.00 | 34.37 -0.68 0.00 | 31.60 -0.74 0.00 | 28.43 -0.75 0.00 | 23.42 -0.57 0.00 | 23.71 -0.68 0.00 | 21.54 -0.81 0.00 |
| MORTIMER_115KV_TB3 55949 | 19.80 -0.74 0.00 | 18.14 -0.63 0.00 | 15.62 -0.61 0.00 | 17.50 -0.68 0.00 | 19.69 -0.76 0.00 | 20.25 -0.75 0.00 | 22.23 -0.77 0.00 | 23.79 -0.82 0.00 | 22.50 -0.80 0.00 | 20.83 -0.56 0.00 | 20.40 -0.54 0.00 | 20.40 -0.54 0.00 | 21.39 -0.39 0.00 | 29.59 -0.31 0.00 | 30.37 -0.45 0.00 | 26.15 -0.38 0.00 | 26.84 -0.62 0.00 | 25.35 -0.68 0.00 | 34.35 -0.71 0.00 | 31.56 -0.78 0.00 | 28.43 -0.76 0.00 | 23.38 -0.61 0.00 | 23.70 -0.69 0.00 | 21.58 -0.77 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 21.39 0.85 0.00 | 19.53 0.75 0.00 | 16.91 0.68 0.00 | 18.88 0.70 0.00 | 21.22 0.77 0.00 | 21.83 0.82 0.00 | 23.89 0.89 0.00 | 25.59 0.99 0.00 | 24.38 1.08 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.20 0.00 | 31.67 1.76 0.00 | 32.93 2.11 0.00 | 28.59 2.07 0.00 | 29.65 2.19 0.00 | 28.07 2.04 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.21 2.02 0.00 | 25.60 1.60 0.00 | 25.67 1.29 0.00 | 23.47 1.12 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 21.68 1.14 0.00 | 19.78 1.01 0.00 | 17.05 0.82 0.00 | 19.09 0.91 0.00 | 21.55 1.10 0.00 | 22.20 1.19 0.00 | 24.53 1.53 0.00 | 26.27 1.66 0.00 | 24.70 1.40 0.00 | 22.39 1.01 0.00 | 21.86 0.92 0.00 | 21.86 0.92 0.00 | 22.71 0.93 0.00 | 31.56 1.65 0.00 | 32.28 1.46 0.00 | 27.85 1.33 0.00 | 28.99 1.54 0.00 | 27.67 1.65 0.00 | 37.72 2.67 0.00 | 34.95 2.61 0.00 | 31.56 2.38 0.00 | 25.89 1.89 0.00 | 26.05 1.67 0.00 | 23.68 1.33 0.00 |
| N SALMON___HYD 24042 | 20.51 -0.03 0.00 | 18.76 -0.02 0.00 | 16.16 -0.06 0.00 | 18.13 -0.05 0.00 | 20.46 0.01 0.00 | 21.07 0.06 0.00 | 23.21 0.21 0.00 | 24.96 0.36 0.00 | 23.53 0.23 0.00 | 21.68 0.29 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.08 0.30 0.00 | 30.24 0.33 0.00 | 31.00 0.18 0.00 | 26.52 0.00 0.00 | 27.34 -0.12 0.00 | 25.86 -0.17 0.00 | 34.91 -0.14 0.00 | 32.24 -0.10 0.00 | 28.94 -0.24 0.00 | 23.65 -0.34 0.00 | 24.25 -0.13 0.00 | 22.34 -0.01 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 19.53 -1.00 0.00 | 17.92 -0.85 0.00 | 15.40 -0.82 0.00 | 17.28 -0.90 0.00 | 19.45 -1.00 0.00 | 19.99 -1.02 0.00 | 21.99 -1.01 0.00 | 23.51 -1.09 0.00 | 22.24 -1.06 0.00 | 20.67 -0.71 0.00 | 20.25 -0.69 0.00 | 20.25 -0.69 0.00 | 21.31 -0.46 0.00 | 29.65 -0.25 0.00 | 30.20 -0.62 0.00 | 25.95 -0.58 0.00 | 26.47 -0.98 0.00 | 24.95 -1.08 0.00 | 33.93 -1.12 0.00 | 31.13 -1.20 0.00 | 28.09 -1.10 0.00 | 23.14 -0.86 0.00 | 23.48 -0.91 0.00 | 21.34 -1.01 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 21.69 1.15 0.00 | 19.77 1.00 0.00 | 17.11 0.89 0.00 | 19.09 0.90 0.00 | 21.46 1.01 0.00 | 22.13 1.12 0.00 | 24.26 1.26 0.00 | 25.95 1.34 0.00 | 24.70 1.39 0.00 | 22.62 1.23 0.00 | 22.14 1.19 0.00 | 22.14 1.19 0.00 | 26.27 1.53 -2.96 | 32.80 2.22 -0.68 | 34.26 2.57 -0.87 | 35.05 2.50 -6.03 | 30.05 2.60 0.00 | 28.43 2.40 0.00 | 38.08 3.02 0.00 | 35.02 2.69 0.00 | 31.59 2.41 0.00 | 25.90 1.91 0.00 | 26.38 1.71 -0.29 | 23.77 1.41 0.00 |
| N.E_GEN_SANDY PD 24062 | 21.27 0.73 0.00 | 19.46 0.69 0.00 | 18.11 0.66 -1.23 | 18.87 0.69 0.00 | 21.19 0.74 0.00 | 21.74 0.74 0.00 | 23.72 0.72 0.00 | 25.58 0.74 -0.23 | 24.48 0.70 -0.48 | 21.88 0.49 0.00 | 21.43 0.48 0.00 | 21.43 0.48 0.00 | 22.27 0.49 0.00 | 30.54 0.63 0.00 | 31.80 0.99 0.00 | 27.35 1.00 0.18 | 28.66 1.18 -0.03 | 27.15 1.12 0.00 | 35.62 1.48 0.91 | 34.58 1.56 -0.69 | 30.57 1.39 0.00 | 25.72 1.09 -0.64 | 24.96 0.78 0.20 | 23.06 0.70 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 21.24 0.70 0.00 | 19.39 0.62 0.00 | 16.77 0.55 0.00 | 18.73 0.55 0.00 | 21.08 0.63 0.00 | 21.69 0.68 0.00 | 23.73 0.73 0.00 | 25.43 0.83 0.00 | 24.19 0.89 0.00 | 22.18 0.79 0.00 | 21.72 0.77 0.00 | 21.72 0.77 0.00 | 22.81 1.03 0.00 | 31.47 1.57 0.00 | 32.70 1.88 0.00 | 28.39 1.87 0.00 | 29.43 1.98 0.00 | 27.88 1.85 0.00 | 37.38 2.33 0.00 | 34.41 2.08 0.00 | 31.00 1.81 0.00 | 25.41 1.42 0.00 | 25.49 1.11 0.00 | 23.30 0.95 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 21.48 0.94 0.00 | 19.63 0.85 0.00 | 16.99 0.76 0.00 | 18.97 0.79 0.00 | 21.32 0.87 0.00 | 21.91 0.90 0.00 | 24.00 1.00 0.00 | 25.72 1.12 0.00 | 24.51 1.21 0.00 | 22.51 1.12 0.00 | 22.06 1.11 -0.01 | 22.06 1.11 -0.01 | 23.07 1.29 0.00 | 31.82 1.91 0.00 | 33.10 2.28 0.00 | 28.76 2.23 0.00 | 29.82 2.37 0.00 | 28.20 2.17 0.00 | 37.76 2.71 0.00 | 34.75 2.41 0.00 | 31.31 2.13 0.00 | 25.71 1.72 0.00 | 25.76 1.38 0.00 | 23.60 1.25 0.00 |
| N.TROY___115KV_TB1 355778 | 21.37 0.83 0.00 | 19.57 0.79 0.00 | 16.97 0.74 0.00 | 18.99 0.80 0.00 | 21.31 0.86 0.00 | 21.82 0.81 0.00 | 23.80 0.80 0.00 | 25.41 0.81 0.00 | 24.01 0.71 0.00 | 21.87 0.48 0.00 | 21.41 0.46 0.00 | 21.41 0.46 0.00 | 22.22 0.44 0.00 | 30.46 0.55 0.00 | 31.70 0.89 0.00 | 27.39 0.86 0.00 | 28.52 1.07 0.00 | 27.08 1.05 0.00 | 36.49 1.44 0.00 | 33.92 1.58 0.00 | 30.58 1.40 0.00 | 25.04 1.04 0.00 | 25.16 0.78 0.00 | 23.05 0.69 0.00 |
| NARROWS_GT1_1 24228 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT1_2 24229 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT1_3 24230 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT1_4 24231 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| NARROWS_GT1_5 24232 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT1_6 24233 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT1_7 24234 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT1_8 24235 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT2_1 24236 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT2_2 24237 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT2_3 24238 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT2_4 24239 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT2_5 24240 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT2_6 24241 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT2_7 24242 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NARROWS_GT2_8 24243 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 21.45 0.91 0.00 | 19.65 0.88 0.00 | 17.06 0.83 0.00 | 19.07 0.89 0.00 | 21.40 0.96 0.00 | 21.91 0.91 0.00 | 23.94 0.94 0.00 | 25.56 0.96 0.00 | 24.13 0.83 0.00 | 21.90 0.51 0.00 | 21.43 0.48 0.00 | 21.43 0.48 0.00 | 22.18 0.40 0.00 | 30.30 0.40 0.00 | 31.50 0.68 0.00 | 27.30 0.77 0.00 | 28.51 1.06 0.00 | 27.14 1.11 0.00 | 36.77 1.72 0.00 | 34.25 1.92 0.00 | 30.90 1.71 0.00 | 25.25 1.25 0.00 | 25.34 0.96 0.00 | 23.16 0.81 0.00 |
| NCHELSEA_115KV_TR2 355582 | 21.40 0.86 0.00 | 19.54 0.77 0.00 | 16.91 0.69 0.00 | 18.90 0.72 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.92 0.92 0.00 | 25.61 1.01 0.00 | 24.35 1.05 0.00 | 22.29 0.91 0.00 | 21.82 0.88 0.00 | 21.82 0.88 0.00 | 22.85 1.08 0.00 | 31.49 1.59 0.00 | 32.74 1.92 0.00 | 28.44 1.92 0.00 | 29.54 2.08 0.00 | 28.02 1.99 0.00 | 37.60 2.55 0.00 | 34.65 2.31 0.00 | 31.20 2.02 0.00 | 25.58 1.59 0.00 | 25.66 1.27 0.00 | 23.43 1.08 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 21.73 1.20 0.00 | 19.92 1.14 0.00 | 17.27 1.04 0.00 | 19.32 1.14 0.00 | 21.65 1.21 0.00 | 22.18 1.17 0.00 | 24.20 1.20 0.00 | 25.84 1.24 0.00 | 24.38 1.08 0.00 | 22.18 0.79 0.00 | 21.70 0.75 0.00 | 21.70 0.75 0.00 | 22.58 0.80 0.00 | 31.03 1.13 0.00 | 32.32 1.50 0.00 | 27.97 1.44 0.00 | 29.19 1.73 0.00 | 27.75 1.73 0.00 | 37.42 2.37 0.00 | 34.73 2.40 0.00 | 31.28 2.10 0.00 | 25.58 1.58 0.00 | 25.70 1.32 0.00 | 23.50 1.15 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 19.60 -0.94 0.00 | 17.95 -0.82 0.00 | 15.46 -0.76 0.00 | 17.33 -0.85 0.00 | 19.50 -0.95 0.00 | 20.05 -0.96 0.00 | 22.03 -0.97 0.00 | 23.57 -1.03 0.00 | 22.30 -0.99 0.00 | 20.62 -0.76 0.00 | 20.19 -0.75 0.00 | 20.19 -0.75 0.00 | 21.12 -0.66 0.00 | 29.19 -0.71 0.00 | 30.00 -0.82 0.00 | 25.84 -0.69 0.00 | 26.58 -0.88 0.00 | 25.12 -0.90 0.00 | 34.01 -1.05 0.00 | 31.25 -1.09 0.00 | 28.17 -1.02 0.00 | 23.13 -0.86 0.00 | 23.44 -0.94 0.00 | 21.35 -1.00 0.00 |
| NEG CENTRAL___DRP 24199 | 20.22 -0.32 0.00 | 18.51 -0.27 0.00 | 15.96 -0.26 0.00 | 17.90 -0.29 0.00 | 20.14 -0.31 0.00 | 20.72 -0.28 0.00 | 22.76 -0.24 0.00 | 24.39 -0.21 0.00 | 23.06 -0.25 0.00 | 21.17 -0.21 0.00 | 20.71 -0.23 0.00 | 20.71 -0.23 0.00 | 21.59 -0.18 0.00 | 29.81 -0.10 0.00 | 30.73 -0.09 0.00 | 26.54 0.02 0.00 | 27.46 0.01 0.00 | 26.00 -0.03 0.00 | 35.12 0.07 0.00 | 32.42 0.08 0.00 | 29.20 0.01 0.00 | 24.00 0.01 0.00 | 24.24 -0.15 0.00 | 22.08 -0.27 0.00 |
| NEG CENTRAL___INDECK 23768 | 20.26 -0.27 0.00 | 18.54 -0.23 0.00 | 15.96 -0.26 0.00 | 17.92 -0.27 0.00 | 20.18 -0.26 0.00 | 20.76 -0.25 0.00 | 22.87 -0.13 0.00 | 24.51 -0.09 0.00 | 23.03 -0.28 0.00 | 21.22 -0.17 0.00 | 20.76 -0.19 0.00 | 20.76 -0.19 0.00 | 21.78 0.01 0.00 | 30.16 0.25 0.00 | 31.14 0.32 0.00 | 26.81 0.28 0.00 | 27.43 -0.02 0.00 | 25.91 -0.11 0.00 | 35.18 0.12 0.00 | 32.69 0.35 0.00 | 29.57 0.39 0.00 | 24.28 0.28 0.00 | 24.56 0.18 0.00 | 22.27 -0.08 0.00 |
| NEG CENTRAL___SENECA 23627 | 20.20 -0.35 0.00 | 18.47 -0.30 0.00 | 15.91 -0.31 0.00 | 17.85 -0.33 0.00 | 20.11 -0.34 0.00 | 20.68 -0.33 0.00 | 22.76 -0.24 0.00 | 24.41 -0.19 0.00 | 23.07 -0.23 0.00 | 21.22 -0.18 0.00 | 20.76 -0.19 0.00 | 20.76 -0.19 0.00 | 21.65 -0.13 0.00 | 29.95 0.05 0.00 | 30.86 0.04 0.00 | 26.67 0.14 0.00 | 27.56 0.11 0.00 | 26.08 0.05 0.00 | 35.22 0.17 0.00 | 32.52 0.17 0.00 | 29.27 0.09 0.00 | 24.07 0.08 0.00 | 24.30 -0.09 0.00 | 22.08 -0.27 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 20.42 -0.12 0.00 | 18.71 -0.06 0.00 | 16.16 -0.06 0.00 | 18.11 -0.07 0.00 | 20.33 -0.12 0.00 | 20.97 -0.04 0.00 | 22.93 -0.06 0.00 | 24.58 -0.02 0.00 | 23.25 -0.05 0.00 | 21.28 -0.11 0.00 | 20.82 -0.13 0.00 | 20.82 -0.13 0.00 | 21.70 -0.07 0.00 | 29.89 -0.02 0.00 | 30.80 -0.01 0.00 | 26.53 0.00 0.00 | 27.54 0.08 0.00 | 26.14 0.11 0.00 | 35.34 0.29 0.00 | 32.60 0.27 0.00 | 29.38 0.19 0.00 | 24.16 0.17 0.00 | 24.41 0.03 0.00 | 22.29 -0.06 0.00 |
| NEG MILLWOOD___DRP 24198 | 21.46 0.92 0.00 | 19.59 0.82 0.00 | 16.96 0.73 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.91 0.90 0.00 | 23.98 0.98 0.00 | 25.69 1.09 0.00 | 24.44 1.14 0.00 | 22.39 1.00 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 22.96 1.19 0.00 | 31.65 1.74 0.00 | 32.90 2.09 0.00 | 28.60 2.07 0.00 | 29.67 2.22 0.00 | 28.14 2.11 0.00 | 37.76 2.70 0.00 | 34.76 2.43 0.00 | 31.31 2.13 0.00 | 25.67 1.68 0.00 | 25.73 1.35 0.00 | 23.50 1.15 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 20.99 0.45 0.00 | 19.27 0.50 0.00 | 16.66 0.44 0.00 | 18.66 0.48 0.00 | 20.99 0.55 0.00 | 21.59 0.58 0.00 | 23.69 0.70 0.00 | 25.40 0.80 0.00 | 23.79 0.48 0.00 | 21.87 0.48 0.00 | 21.45 0.50 0.00 | 21.45 0.50 0.00 | 22.37 0.59 0.00 | 30.59 0.69 0.00 | 31.46 0.64 0.00 | 26.97 0.44 0.00 | 27.88 0.42 0.00 | 26.34 0.31 0.00 | 35.49 0.43 0.00 | 32.80 0.46 0.00 | 29.34 0.15 0.00 | 23.93 -0.06 0.00 | 24.52 0.13 0.00 | 22.69 0.34 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 20.55 0.01 0.00 | 18.81 0.04 0.00 | 16.21 -0.01 0.00 | 18.21 0.02 0.00 | 20.52 0.07 0.00 | 21.13 0.12 0.00 | 23.25 0.25 0.00 | 24.97 0.36 0.00 | 23.47 0.17 0.00 | 21.65 0.26 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.07 0.29 0.00 | 30.21 0.31 0.00 | 30.98 0.16 0.00 | 26.51 -0.02 0.00 | 27.36 -0.10 0.00 | 25.84 -0.19 0.00 | 34.85 -0.20 0.00 | 32.17 -0.17 0.00 | 28.82 -0.37 0.00 | 23.54 -0.45 0.00 | 24.10 -0.28 0.00 | 22.26 -0.09 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 20.92 0.38 0.00 | 19.19 0.42 0.00 | 16.58 0.36 0.00 | 18.57 0.39 0.00 | 20.90 0.45 0.00 | 21.51 0.50 0.00 | 23.63 0.63 0.00 | 25.36 0.76 0.00 | 23.79 0.49 0.00 | 21.89 0.50 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.37 0.59 0.00 | 30.59 0.69 0.00 | 31.43 0.61 0.00 | 26.94 0.41 0.00 | 27.85 0.40 0.00 | 26.33 0.31 0.00 | 35.51 0.46 0.00 | 32.82 0.49 0.00 | 29.38 0.19 0.00 | 23.95 -0.04 0.00 | 24.50 0.12 0.00 | 22.65 0.30 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 20.92 0.38 0.00 | 19.19 0.42 0.00 | 16.58 0.36 0.00 | 18.57 0.39 0.00 | 20.90 0.45 0.00 | 21.51 0.50 0.00 | 23.63 0.63 0.00 | 25.36 0.76 0.00 | 23.79 0.49 0.00 | 21.89 0.50 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.37 0.59 0.00 | 30.59 0.69 0.00 | 31.43 0.61 0.00 | 26.94 0.41 0.00 | 27.85 0.40 0.00 | 26.33 0.31 0.00 | 35.51 0.46 0.00 | 32.82 0.49 0.00 | 29.38 0.19 0.00 | 23.95 -0.04 0.00 | 24.50 0.12 0.00 | 22.65 0.30 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 20.92 0.38 0.00 | 19.19 0.42 0.00 | 16.58 0.36 0.00 | 18.57 0.39 0.00 | 20.90 0.45 0.00 | 21.51 0.50 0.00 | 23.63 0.63 0.00 | 25.36 0.76 0.00 | 23.79 0.49 0.00 | 21.89 0.50 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.37 0.59 0.00 | 30.59 0.69 0.00 | 31.43 0.61 0.00 | 26.94 0.41 0.00 | 27.85 0.39 0.00 | 26.33 0.31 0.00 | 35.51 0.46 0.00 | 32.82 0.49 0.00 | 29.38 0.19 0.00 | 23.96 -0.04 0.00 | 24.50 0.12 0.00 | 22.65 0.30 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 19.17 -1.37 0.00 | 17.60 -1.17 0.00 | 15.13 -1.10 0.00 | 16.97 -1.21 0.00 | 19.10 -1.35 0.00 | 19.62 -1.39 0.00 | 21.56 -1.43 0.00 | 23.06 -1.55 0.00 | 21.83 -1.47 0.00 | 20.33 -1.06 0.00 | 19.92 -1.03 0.00 | 19.92 -1.03 0.00 | 20.99 -0.78 0.00 | 29.14 -0.76 0.00 | 29.69 -1.12 0.00 | 25.50 -1.02 0.00 | 25.98 -1.47 0.00 | 24.46 -1.57 0.00 | 33.19 -1.87 0.00 | 30.42 -1.92 0.00 | 27.45 -1.73 0.00 | 22.64 -1.35 0.00 | 23.02 -1.36 0.00 | 20.95 -1.40 0.00 |
| NEG WEST___LANCASTER 23811 | 19.67 -0.87 0.00 | 18.06 -0.71 0.00 | 15.53 -0.69 0.00 | 17.44 -0.74 0.00 | 19.63 -0.82 0.00 | 20.17 -0.84 0.00 | 22.18 -0.82 0.00 | 23.74 -0.87 0.00 | 22.50 -0.81 0.00 | 20.93 -0.45 0.00 | 20.48 -0.46 0.00 | 20.48 -0.46 0.00 | 21.57 -0.20 0.00 | 29.95 0.05 0.00 | 30.63 -0.18 0.00 | 26.37 -0.16 0.00 | 26.95 -0.50 0.00 | 25.35 -0.68 0.00 | 34.31 -0.74 0.00 | 31.45 -0.89 0.00 | 28.32 -0.87 0.00 | 23.34 -0.65 0.00 | 23.68 -0.70 0.00 | 21.53 -0.82 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 20.42 -0.12 0.00 | 18.67 -0.10 0.00 | 16.12 -0.10 0.00 | 18.08 -0.11 0.00 | 20.34 -0.11 0.00 | 20.90 -0.11 0.00 | 22.94 -0.06 0.00 | 24.54 -0.06 0.00 | 23.25 -0.05 0.00 | 21.38 0.00 0.00 | 20.92 -0.02 0.00 | 20.92 -0.02 0.00 | 21.84 0.06 0.00 | 30.18 0.27 0.00 | 31.11 0.30 0.00 | 26.91 0.39 0.00 | 27.81 0.35 0.00 | 26.30 0.27 0.00 | 35.41 0.36 0.00 | 32.63 0.30 0.00 | 29.38 0.20 0.00 | 24.15 0.16 0.00 | 24.41 0.03 0.00 | 22.24 -0.12 0.00 |
| NEG___GEN_MONROE 24207 | 19.90 -0.64 0.00 | 18.22 -0.55 0.00 | 15.69 -0.54 0.00 | 17.58 -0.60 0.00 | 19.78 -0.66 0.00 | 20.35 -0.66 0.00 | 22.34 -0.65 0.00 | 23.91 -0.69 0.00 | 22.60 -0.71 0.00 | 20.89 -0.49 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.45 -0.32 0.00 | 29.68 -0.22 0.00 | 30.47 -0.35 0.00 | 26.25 -0.28 0.00 | 26.94 -0.52 0.00 | 25.43 -0.60 0.00 | 34.55 -0.50 0.00 | 31.75 -0.59 0.00 | 28.62 -0.56 0.00 | 23.53 -0.46 0.00 | 23.84 -0.55 0.00 | 21.70 -0.66 0.00 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEPA__ENERGY 23901 | 19.46 -1.08 0.00 | 17.88 -0.89 0.00 | 15.38 -0.84 0.00 | 17.28 -0.90 0.00 | 19.46 -0.99 0.00 | 20.00 -1.01 0.00 | 22.02 -0.97 0.00 | 23.60 -1.00 0.00 | 22.34 -0.96 0.00 | 20.76 -0.63 0.00 | 20.30 -0.65 0.00 | 20.30 -0.65 0.00 | 21.50 -0.28 0.00 | 29.93 0.03 0.00 | 30.67 -0.15 0.00 | 26.45 -0.07 0.00 | 27.04 -0.42 0.00 | 25.42 -0.61 0.00 | 34.25 -0.81 0.00 | 31.42 -0.92 0.00 | 28.20 -0.98 0.00 | 23.29 -0.71 0.00 | 23.56 -0.82 0.00 | 21.34 -1.01 0.00 |
| NEVERSink__HYD 23608 | 20.46 -0.07 0.00 | 18.67 -0.11 0.00 | 16.13 -0.09 0.00 | 18.02 -0.16 0.00 | 20.27 -0.18 0.00 | 20.88 -0.13 0.00 | 22.84 -0.15 0.00 | 24.50 -0.10 0.00 | 23.43 0.12 0.00 | 21.43 0.04 0.00 | 20.99 0.04 0.00 | 20.99 0.04 0.00 | 21.93 0.16 0.00 | 30.25 0.35 0.00 | 31.44 0.63 0.00 | 27.35 0.82 0.00 | 28.39 0.94 0.00 | 27.05 1.02 0.00 | 36.44 1.39 0.00 | 33.60 1.27 0.00 | 30.21 1.03 0.00 | 24.73 0.73 0.00 | 24.81 0.42 0.00 | 22.64 0.29 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 20.96 0.42 0.00 | 19.20 0.43 0.00 | 16.67 0.44 0.00 | 18.63 0.45 0.00 | 20.90 0.45 0.00 | 21.42 0.41 0.00 | 23.36 0.36 0.00 | 24.94 0.33 0.00 | 23.66 0.36 0.00 | 21.62 0.24 0.00 | 21.17 0.23 0.00 | 21.17 0.23 0.00 | 21.98 0.21 0.00 | 30.08 0.17 0.00 | 31.26 0.44 0.00 | 27.04 0.51 0.00 | 28.15 0.70 0.00 | 26.71 0.68 0.00 | 35.93 0.87 0.00 | 33.31 0.97 0.00 | 30.04 0.85 0.00 | 24.60 0.60 0.00 | 24.72 0.34 0.00 | 22.63 0.28 0.00 |
| NEWTON__FALLS_HYD 23847 | 19.61 -0.93 0.00 | 17.86 -0.91 0.00 | 15.38 -0.85 0.00 | 17.32 -0.86 0.00 | 19.58 -0.87 0.00 | 20.17 -0.84 0.00 | 22.22 -0.78 0.00 | 24.00 -0.60 0.00 | 22.77 -0.53 0.00 | 20.90 -0.48 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.18 -0.60 0.00 | 29.04 -0.87 0.00 | 29.83 -0.99 0.00 | 25.53 -1.00 0.00 | 26.24 -1.22 0.00 | 25.09 -0.93 0.00 | 34.08 -0.97 0.00 | 31.46 -0.88 0.00 | 28.37 -0.82 0.00 | 23.24 -0.75 0.00 | 23.81 -0.58 0.00 | 21.82 -0.54 0.00 |
| NGRID_A1_DSASP 323792 | 18.79 -1.75 0.00 | 17.27 -1.51 0.00 | 14.84 -1.39 0.00 | 16.65 -1.53 0.00 | 18.72 -1.72 0.00 | 19.23 -1.78 0.00 | 21.13 -1.87 0.00 | 22.57 -2.04 0.00 | 21.37 -1.93 0.00 | 19.95 -1.44 0.00 | 19.54 -1.40 0.00 | 19.54 -1.40 0.00 | 20.61 -1.17 0.00 | 28.56 -1.34 0.00 | 29.08 -1.74 0.00 | 24.95 -1.58 0.00 | 25.39 -2.07 0.00 | 23.87 -2.16 0.00 | 32.38 -2.67 0.00 | 29.67 -2.67 0.00 | 26.78 -2.41 0.00 | 22.10 -1.90 0.00 | 22.54 -1.85 0.00 | 20.53 -1.82 0.00 |
| NGRID_A2_DSASP 323793 | 18.79 -1.75 0.00 | 17.27 -1.51 0.00 | 14.84 -1.39 0.00 | 16.65 -1.53 0.00 | 18.72 -1.72 0.00 | 19.23 -1.78 0.00 | 21.13 -1.87 0.00 | 22.57 -2.04 0.00 | 21.37 -1.93 0.00 | 19.95 -1.44 0.00 | 19.54 -1.40 0.00 | 19.54 -1.40 0.00 | 20.61 -1.17 0.00 | 28.56 -1.34 0.00 | 29.08 -1.74 0.00 | 24.95 -1.58 0.00 | 25.39 -2.07 0.00 | 23.87 -2.16 0.00 | 32.38 -2.67 0.00 | 29.67 -2.67 0.00 | 26.78 -2.41 0.00 | 22.10 -1.90 0.00 | 22.54 -1.85 0.00 | 20.53 -1.82 0.00 |
| NGRID_A4_DSASP 323807 | 18.79 -1.75 0.00 | 17.27 -1.51 0.00 | 14.84 -1.39 0.00 | 16.65 -1.53 0.00 | 18.72 -1.72 0.00 | 19.23 -1.78 0.00 | 21.13 -1.87 0.00 | 22.57 -2.04 0.00 | 21.37 -1.93 0.00 | 19.95 -1.44 0.00 | 19.54 -1.40 0.00 | 19.54 -1.40 0.00 | 20.61 -1.17 0.00 | 28.56 -1.34 0.00 | 29.08 -1.74 0.00 | 24.95 -1.58 0.00 | 25.39 -2.07 0.00 | 23.87 -2.16 0.00 | 32.38 -2.67 0.00 | 29.67 -2.67 0.00 | 26.78 -2.41 0.00 | 22.10 -1.90 0.00 | 22.54 -1.85 0.00 | 20.53 -1.82 0.00 |
| NIAGARA_115E_LBMP 323715 | 18.88 -1.66 0.00 | 17.34 -1.43 0.00 | 14.91 -1.32 0.00 | 16.72 -1.46 0.00 | 18.82 -1.63 0.00 | 19.33 -1.68 0.00 | 21.25 -1.75 0.00 | 22.69 -1.92 0.00 | 21.48 -1.82 0.00 | 20.03 -1.36 0.00 | 19.63 -1.32 0.00 | 19.63 -1.32 0.00 | 20.68 -1.10 0.00 | 28.66 -1.25 0.00 | 29.20 -1.62 0.00 | 25.07 -1.46 0.00 | 25.51 -1.95 0.00 | 24.00 -2.03 0.00 | 32.56 -2.49 0.00 | 29.86 -2.48 0.00 | 26.94 -2.24 0.00 | 22.24 -1.76 0.00 | 22.66 -1.73 0.00 | 20.63 -1.72 0.00 |
| NIAGARA_115W_LBMP 323714 | 18.76 -1.78 0.00 | 17.23 -1.54 0.00 | 14.82 -1.41 0.00 | 16.62 -1.57 0.00 | 18.69 -1.76 0.00 | 19.19 -1.82 0.00 | 21.08 -1.92 0.00 | 22.52 -2.08 0.00 | 21.33 -1.98 0.00 | 19.90 -1.48 0.00 | 19.50 -1.44 0.00 | 19.50 -1.44 0.00 | 20.56 -1.21 0.00 | 28.50 -1.41 0.00 | 29.01 -1.80 0.00 | 24.89 -1.63 0.00 | 25.33 -2.13 0.00 | 23.82 -2.21 0.00 | 32.32 -2.74 0.00 | 29.60 -2.73 0.00 | 26.72 -2.47 0.00 | 22.05 -1.94 0.00 | 22.49 -1.89 0.00 | 20.49 -1.87 0.00 |
| NIAGARA_230_LBMP 323716 | 18.93 -1.61 0.00 | 17.40 -1.37 0.00 | 14.96 -1.26 0.00 | 16.78 -1.40 0.00 | 18.87 -1.57 0.00 | 19.39 -1.62 0.00 | 21.30 -1.70 0.00 | 22.75 -1.85 0.00 | 21.54 -1.76 0.00 | 20.10 -1.29 0.00 | 19.69 -1.26 0.00 | 19.69 -1.26 0.00 | 20.73 -1.04 0.00 | 28.75 -1.16 0.00 | 29.31 -1.51 0.00 | 25.17 -1.36 0.00 | 25.62 -1.83 0.00 | 24.09 -1.93 0.00 | 32.68 -2.37 0.00 | 29.95 -2.39 0.00 | 27.02 -2.17 0.00 | 22.28 -1.71 0.00 | 22.72 -1.66 0.00 | 20.69 -1.66 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 18.76 -1.78 0.00 | 17.23 -1.54 0.00 | 14.82 -1.41 0.00 | 16.62 -1.57 0.00 | 18.69 -1.76 0.00 | 19.19 -1.82 0.00 | 21.07 -1.93 0.00 | 22.52 -2.09 0.00 | 21.33 -1.98 0.00 | 19.90 -1.49 0.00 | 19.50 -1.45 0.00 | 19.50 -1.45 0.00 | 20.56 -1.21 0.00 | 28.49 -1.41 0.00 | 29.01 -1.81 0.00 | 24.89 -1.64 0.00 | 25.33 -2.13 0.00 | 23.82 -2.21 0.00 | 32.32 -2.74 0.00 | 29.61 -2.73 0.00 | 26.72 -2.47 0.00 | 22.06 -1.93 0.00 | 22.48 -1.91 0.00 | 20.49 -1.87 0.00 |
| NIAGARA____ 23760 | 18.93 -1.61 0.00 | 17.40 -1.37 0.00 | 14.96 -1.26 0.00 | 16.78 -1.40 0.00 | 18.87 -1.57 0.00 | 19.39 -1.62 0.00 | 21.30 -1.70 0.00 | 22.75 -1.85 0.00 | 21.54 -1.76 0.00 | 20.10 -1.29 0.00 | 19.69 -1.26 0.00 | 19.69 -1.26 0.00 | 20.73 -1.04 0.00 | 28.75 -1.16 0.00 | 29.31 -1.51 0.00 | 25.17 -1.36 0.00 | 25.62 -1.83 0.00 | 24.09 -1.93 0.00 | 32.68 -2.37 0.00 | 29.95 -2.39 0.00 | 27.02 -2.17 0.00 | 22.28 -1.71 0.00 | 22.72 -1.66 0.00 | 20.69 -1.66 0.00 |
| NINE_MILE_1 23575 | 19.96 -0.57 0.00 | 18.25 -0.52 0.00 | 15.76 -0.46 0.00 | 17.67 -0.51 0.00 | 19.88 -0.57 0.00 | 20.42 -0.58 0.00 | 22.36 -0.64 0.00 | 23.89 -0.71 0.00 | 22.63 -0.67 0.00 | 20.80 -0.59 0.00 | 20.36 -0.59 0.00 | 20.36 -0.59 0.00 | 21.12 -0.66 0.00 | 28.96 -0.94 0.00 | 29.86 -0.96 0.00 | 25.73 -0.80 0.00 | 26.62 -0.83 0.00 | 25.25 -0.78 0.00 | 34.05 -1.01 0.00 | 31.38 -0.96 0.00 | 28.32 -0.87 0.00 | 23.28 -0.71 0.00 | 23.61 -0.78 0.00 | 21.62 -0.73 0.00 |
| NINE_MILE_2 23744 | 19.97 -0.57 0.00 | 18.26 -0.52 0.00 | 15.76 -0.46 0.00 | 17.67 -0.51 0.00 | 19.88 -0.57 0.00 | 20.43 -0.58 0.00 | 22.36 -0.64 0.00 | 23.89 -0.71 0.00 | 22.63 -0.67 0.00 | 20.80 -0.59 0.00 | 20.36 -0.59 0.00 | 20.36 -0.59 0.00 | 21.12 -0.66 0.00 | 28.96 -0.94 0.00 | 29.86 -0.96 0.00 | 25.74 -0.79 0.00 | 26.62 -0.83 0.00 | 25.25 -0.78 0.00 | 34.05 -1.00 0.00 | 31.38 -0.96 0.00 | 28.32 -0.87 0.00 | 23.28 -0.71 0.00 | 23.61 -0.77 0.00 | 21.62 -0.73 0.00 |
| NM_CAPITAL__DRP 24208 | 21.02 0.48 0.00 | 19.25 0.47 0.00 | 16.71 0.48 0.00 | 18.68 0.49 0.00 | 20.96 0.51 0.00 | 21.47 0.46 0.00 | 23.41 0.41 0.00 | 24.99 0.39 0.00 | 23.71 0.41 0.00 | 21.65 0.26 0.00 | 21.20 0.25 0.00 | 21.20 0.25 0.00 | 22.00 0.23 0.00 | 30.10 0.19 0.00 | 31.28 0.47 0.00 | 27.05 0.52 0.00 | 28.16 0.71 0.00 | 26.71 0.68 0.00 | 35.94 0.89 0.00 | 33.34 1.01 0.00 | 30.07 0.89 0.00 | 24.64 0.65 0.00 | 24.76 0.38 0.00 | 22.68 0.33 0.00 |

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| NM_CENTRAL___DRP 24181 | 20.26 -0.27 0.00 | 18.52 -0.25 0.00 | 15.99 -0.24 0.00 | 17.93 -0.25 0.00 | 20.17 -0.28 0.00 | 20.73 -0.27 0.00 | 22.72 -0.28 0.00 | 24.29 -0.32 0.00 | 23.01 -0.29 0.00 | 21.15 -0.23 0.00 | 20.71 -0.23 0.00 | 20.71 -0.23 0.00 | 21.52 -0.26 0.00 | 29.56 -0.34 0.00 | 30.48 -0.34 0.00 | 26.30 -0.23 0.00 | 27.22 -0.24 0.00 | 25.82 -0.20 0.00 | 34.82 -0.23 0.00 | 32.09 -0.25 0.00 | 28.94 -0.24 0.00 | 23.78 -0.21 0.00 | 24.07 -0.31 0.00 | 22.01 -0.34 0.00 |
| NM_FRONTIER___DRP 24179 | 18.76 -1.78 0.00 | 17.23 -1.54 0.00 | 14.82 -1.41 0.00 | 16.62 -1.57 0.00 | 18.69 -1.76 0.00 | 19.19 -1.82 0.00 | 21.07 -1.93 0.00 | 22.52 -2.09 0.00 | 21.33 -1.98 0.00 | 19.90 -1.49 0.00 | 19.50 -1.45 0.00 | 19.50 -1.45 0.00 | 20.56 -1.21 0.00 | 28.49 -1.41 0.00 | 29.01 -1.81 0.00 | 24.89 -1.64 0.00 | 25.33 -2.13 0.00 | 23.82 -2.21 0.00 | 32.32 -2.74 0.00 | 29.61 -2.73 0.00 | 26.72 -2.47 0.00 | 22.06 -1.93 0.00 | 22.48 -1.91 0.00 | 20.49 -1.87 0.00 |
| NM_ST_REGIS___HYD 24053 | 20.15 -0.39 0.00 | 18.39 -0.38 0.00 | 15.85 -0.38 0.00 | 17.79 -0.39 0.00 | 20.07 -0.38 0.00 | 20.66 -0.35 0.00 | 22.74 -0.26 0.00 | 24.50 -0.10 0.00 | 23.13 -0.17 0.00 | 21.28 -0.10 0.00 | 20.86 -0.08 0.00 | 20.86 -0.08 0.00 | 21.64 -0.13 0.00 | 29.68 -0.22 0.00 | 30.41 -0.41 0.00 | 25.99 -0.54 0.00 | 26.75 -0.70 0.00 | 25.36 -0.67 0.00 | 34.30 -0.76 0.00 | 31.68 -0.66 0.00 | 28.57 -0.62 0.00 | 23.41 -0.58 0.00 | 24.11 -0.27 0.00 | 22.17 -0.19 0.00 |
| NORTHPORT___1 23551 | 21.61 1.07 0.00 | 19.71 0.94 0.00 | 17.08 0.85 0.00 | 19.05 0.86 0.00 | 21.42 0.97 0.00 | 22.11 1.10 0.00 | 24.25 1.25 0.00 | 25.93 1.33 0.00 | 24.66 1.36 0.00 | 22.57 1.19 0.00 | 22.10 1.15 0.00 | 22.10 1.15 0.00 | 26.13 1.39 -2.97 | 32.53 1.95 -0.68 | 33.99 2.30 -0.87 | 34.81 2.25 -6.03 | 29.83 2.37 0.00 | 28.20 2.18 0.00 | 37.81 2.76 0.00 | 34.84 2.50 0.00 | 31.49 2.30 0.00 | 25.76 1.77 0.00 | 26.18 1.50 -0.29 | 23.57 1.21 0.00 |
| NORTHPORT___2 23552 | 21.61 1.07 0.00 | 19.71 0.94 0.00 | 17.08 0.85 0.00 | 19.05 0.86 0.00 | 21.42 0.97 0.00 | 22.11 1.10 0.00 | 24.25 1.25 0.00 | 25.93 1.33 0.00 | 24.66 1.36 0.00 | 22.57 1.19 0.00 | 22.10 1.15 0.00 | 22.10 1.15 0.00 | 26.13 1.39 -2.97 | 32.53 1.95 -0.68 | 33.99 2.30 -0.87 | 34.81 2.25 -6.03 | 29.83 2.37 0.00 | 28.20 2.18 0.00 | 37.81 2.76 0.00 | 34.84 2.50 0.00 | 31.49 2.30 0.00 | 25.76 1.77 0.00 | 26.18 1.50 -0.29 | 23.57 1.21 0.00 |
| NORTHPORT___3 23553 | 21.60 1.06 0.00 | 19.71 0.94 0.00 | 17.08 0.85 0.00 | 19.03 0.85 0.00 | 21.41 0.96 0.00 | 22.09 1.08 0.00 | 24.20 1.20 0.00 | 25.87 1.26 0.00 | 24.62 1.31 0.00 | 22.53 1.14 0.00 | 22.05 1.11 0.00 | 22.05 1.11 0.00 | 26.13 1.39 -2.97 | 32.47 1.89 -0.68 | 33.91 2.23 -0.87 | 34.75 2.19 -6.03 | 29.78 2.32 0.00 | 28.16 2.13 0.00 | 37.74 2.68 0.00 | 34.74 2.40 0.00 | 31.37 2.18 0.00 | 25.70 1.71 0.00 | 26.16 1.48 -0.29 | 23.59 1.24 0.00 |
| NORTHPORT___4 23650 | 21.60 1.06 0.00 | 19.71 0.94 0.00 | 17.08 0.85 0.00 | 19.03 0.85 0.00 | 21.41 0.96 0.00 | 22.09 1.08 0.00 | 24.20 1.20 0.00 | 25.87 1.26 0.00 | 24.62 1.31 0.00 | 22.53 1.14 0.00 | 22.05 1.11 0.00 | 22.05 1.11 0.00 | 26.13 1.39 -2.97 | 32.47 1.89 -0.68 | 33.91 2.23 -0.87 | 34.75 2.19 -6.03 | 29.78 2.32 0.00 | 28.16 2.13 0.00 | 37.74 2.68 0.00 | 34.74 2.40 0.00 | 31.37 2.18 0.00 | 25.70 1.71 0.00 | 26.16 1.48 -0.29 | 23.59 1.24 0.00 |
| NORTHPORT___IC 23718 | 21.61 1.07 0.00 | 19.71 0.94 0.00 | 17.08 0.85 0.00 | 19.05 0.86 0.00 | 21.42 0.97 0.00 | 22.11 1.10 0.00 | 24.25 1.25 0.00 | 25.94 1.33 0.00 | 24.66 1.36 0.00 | 22.57 1.19 0.00 | 22.10 1.15 0.00 | 22.10 1.15 0.00 | 26.13 1.39 -2.96 | 32.53 1.95 -0.68 | 33.98 2.30 -0.87 | 34.81 2.25 -6.03 | 29.83 2.38 0.00 | 28.21 2.18 0.00 | 37.81 2.76 0.00 | 34.84 2.50 0.00 | 31.49 2.30 0.00 | 25.76 1.76 0.00 | 26.17 1.50 -0.29 | 23.57 1.21 0.00 |
| NORTH___COUNTRY_ESR 323785 | 20.50 -0.03 0.00 | 18.77 0.00 0.00 | 16.18 -0.04 0.00 | 18.15 -0.03 0.00 | 20.48 0.03 0.00 | 21.09 0.08 0.00 | 23.20 0.20 0.00 | 24.91 0.31 0.00 | 23.47 0.17 0.00 | 21.65 0.26 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.07 0.29 0.00 | 30.21 0.31 0.00 | 30.97 0.15 0.00 | 26.51 -0.02 0.00 | 27.35 -0.10 0.00 | 25.83 -0.20 0.00 | 34.82 -0.23 0.00 | 32.09 -0.25 0.00 | 28.74 -0.45 0.00 | 23.47 -0.52 0.00 | 24.05 -0.34 0.00 | 22.21 -0.14 0.00 |
| NPX_GEN_1385_PROXY 323591 | 21.60 1.06 0.00 | 19.71 0.94 0.00 | 17.08 0.85 0.00 | 19.04 0.86 0.00 | 21.41 0.97 0.00 | 22.10 1.09 0.00 | 24.24 1.25 0.00 | 25.92 1.32 0.00 | 24.66 1.36 0.00 | 22.46 1.08 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 25.67 0.93 -2.97 | 31.74 1.16 -0.68 | 33.26 1.57 -0.87 | 34.08 1.52 -6.03 | 29.03 1.58 0.00 | 27.46 1.44 0.00 | 37.06 2.00 0.00 | 34.44 2.10 0.00 | 31.51 2.33 0.00 | 25.47 1.48 0.00 | 25.63 0.95 -0.29 | 15.47 0.59 7.47 |
| NPX_GEN_CSC 323557 | 21.42 0.88 0.00 | 19.55 0.77 0.00 | 17.01 0.78 0.00 | 18.95 0.77 0.00 | 21.33 0.88 0.00 | 22.06 1.06 0.00 | 24.23 1.24 0.00 | 25.91 1.31 0.00 | 24.56 1.25 0.00 | 22.48 1.09 0.00 | 22.01 1.07 0.00 | 22.01 1.07 0.00 | 26.04 1.29 -2.97 | 32.45 1.87 -0.68 | 33.97 2.28 -0.87 | 34.86 2.30 -6.03 | 29.93 2.47 0.00 | 28.33 2.30 0.00 | 37.93 2.88 0.00 | 34.90 2.56 0.00 | 31.49 2.31 0.00 | 25.76 1.76 0.00 | 26.17 1.50 -0.29 | 23.49 1.14 0.00 |
| NSINS_S___GLNS_FALLS 23858 | 21.95 1.41 0.00 | 20.19 1.41 0.00 | 17.53 1.30 0.00 | 19.60 1.42 0.00 | 21.88 1.43 0.00 | 22.39 1.39 0.00 | 24.39 1.39 0.00 | 26.00 1.40 0.00 | 24.44 1.13 0.00 | 22.22 0.84 0.00 | 21.74 0.80 0.00 | 21.74 0.80 0.00 | 22.65 0.87 0.00 | 31.21 1.30 0.00 | 32.55 1.73 0.00 | 28.27 1.74 0.00 | 29.53 2.08 0.00 | 28.07 2.04 0.00 | 37.81 2.75 0.00 | 35.08 2.74 0.00 | 31.63 2.44 0.00 | 25.87 1.88 0.00 | 26.04 1.65 0.00 | 23.79 1.44 0.00 |
| NUCOR_STEEL___DRP 24197 | 20.41 -0.13 0.00 | 18.72 -0.06 0.00 | 16.17 -0.06 0.00 | 18.12 -0.07 0.00 | 20.33 -0.12 0.00 | 20.97 -0.03 0.00 | 22.91 -0.08 0.00 | 24.58 -0.02 0.00 | 23.24 -0.06 0.00 | 21.27 -0.12 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.69 -0.09 0.00 | 29.86 -0.04 0.00 | 30.78 -0.04 0.00 | 26.49 -0.04 0.00 | 27.51 0.06 0.00 | 26.12 0.09 0.00 | 35.32 0.27 0.00 | 32.57 0.23 0.00 | 29.35 0.16 0.00 | 24.14 0.14 0.00 | 24.39 0.01 0.00 | 22.29 -0.07 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 19.52 -1.02 0.00 | 17.76 -1.02 0.00 | 15.29 -0.94 0.00 | 17.27 -0.92 0.00 | 19.57 -0.88 0.00 | 20.19 -0.82 0.00 | 22.25 -0.74 0.00 | 24.10 -0.51 0.00 | 22.97 -0.33 0.00 | 21.10 -0.28 0.00 | 20.65 -0.29 0.00 | 20.65 -0.29 0.00 | 21.33 -0.44 0.00 | 29.19 -0.71 0.00 | 30.08 -0.74 0.00 | 25.78 -0.75 0.00 | 26.49 -0.96 0.00 | 25.46 -0.57 0.00 | 34.66 -0.40 0.00 | 31.93 -0.40 0.00 | 28.73 -0.46 0.00 | 23.60 -0.39 0.00 | 24.05 -0.34 0.00 | 21.97 -0.38 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 20.54 0.00 0.00 | 18.77 0.00 0.00 | 16.22 0.00 0.00 | 18.18 0.00 0.00 | 20.45 0.00 0.00 | 21.01 0.00 0.00 | 23.00 0.00 0.00 | 24.60 0.00 0.00 | 23.30 0.00 0.00 | 21.38 0.00 0.00 | 20.94 0.00 0.00 | 20.94 0.00 0.00 | 21.77 0.00 0.00 | 29.90 0.00 0.00 | 30.82 0.00 0.00 | 26.53 0.00 0.00 | 27.45 0.00 0.00 | 26.03 0.00 0.00 | 35.05 0.00 0.00 | 32.34 0.00 0.00 | 29.19 0.00 0.00 | 23.99 0.00 0.00 | 24.38 0.00 0.00 | 22.35 0.00 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NYPA_BRENTWD____GT 24164 | 21.81 1.27 0.00 | 19.89 1.11 0.00 | 17.22 1.00 0.00 | 19.20 1.02 0.00 | 21.59 1.14 0.00 | 22.30 1.29 0.00 | 24.47 1.47 0.00 | 26.19 1.59 0.00 | 24.91 1.61 0.00 | 22.81 1.43 0.00 | 22.33 1.38 0.00 | 22.33 1.38 0.00 | 26.40 1.66 -2.97 | 32.95 2.37 -0.68 | 34.45 2.76 -0.87 | 35.24 2.68 -6.03 | 30.30 2.84 0.00 | 28.66 2.63 0.00 | 38.42 3.36 0.00 | 35.35 3.01 0.00 | 31.92 2.74 0.00 | 26.12 2.13 0.00 | 26.53 1.86 -0.29 | 23.85 1.50 0.00 |
| NYPA_GOWANUS____GT5 24156 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.26 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NYPA_GOWANUS____GT6 24157 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.27 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.22 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.26 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.79 0.00 | 25.83 1.44 0.00 | 23.63 1.28 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 21.43 0.89 0.00 | 19.58 0.81 0.00 | 16.95 0.72 0.00 | 18.93 0.75 0.00 | 21.27 0.82 0.00 | 21.87 0.86 0.00 | 23.95 0.95 0.00 | 25.66 1.05 0.00 | 24.45 1.15 0.00 | 22.44 1.06 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 23.00 1.23 0.00 | 31.73 1.82 0.00 | 33.00 2.19 0.00 | 28.67 2.14 0.00 | 29.73 2.27 0.00 | 28.12 2.09 0.00 | 37.66 2.60 0.00 | 34.66 2.32 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.32 0.00 | 23.55 1.19 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 21.43 0.89 0.00 | 19.58 0.81 0.00 | 16.95 0.72 0.00 | 18.93 0.75 0.00 | 21.27 0.82 0.00 | 21.87 0.86 0.00 | 23.95 0.95 0.00 | 25.66 1.05 0.00 | 24.45 1.15 0.00 | 22.44 1.06 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 23.00 1.23 0.00 | 31.73 1.82 0.00 | 33.00 2.19 0.00 | 28.67 2.14 0.00 | 29.73 2.27 0.00 | 28.12 2.09 0.00 | 37.66 2.60 0.00 | 34.66 2.32 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.32 0.00 | 23.55 1.19 0.00 |
| NYPA_KENT____GT 24152 | 21.45 0.91 0.00 | 19.58 0.81 0.00 | 16.95 0.72 0.00 | 18.92 0.74 0.00 | 21.26 0.82 0.00 | 21.88 0.87 0.00 | 23.95 0.96 0.00 | 25.67 1.06 0.00 | 24.47 1.17 0.00 | 22.45 1.07 0.00 | 21.99 1.05 0.00 | 21.99 1.05 0.00 | 23.09 1.32 0.00 | 31.88 1.97 0.00 | 33.14 2.32 0.00 | 28.79 2.26 0.00 | 29.83 2.37 0.00 | 28.22 2.19 0.00 | 37.79 2.74 0.00 | 34.79 2.45 0.00 | 31.36 2.18 0.00 | 25.73 1.74 0.00 | 25.77 1.39 0.00 | 23.59 1.23 0.00 |
| NYPA_POUCH1____GT 24155 | 21.41 0.87 0.00 | 19.55 0.78 0.00 | 16.92 0.69 0.00 | 18.89 0.70 0.00 | 21.23 0.78 0.00 | 21.85 0.84 0.00 | 23.92 0.92 0.00 | 25.62 1.02 0.00 | 24.42 1.12 0.00 | 22.40 1.01 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 23.06 1.28 0.00 | 31.84 1.93 0.00 | 33.10 2.28 0.00 | 28.76 2.22 0.00 | 29.78 2.32 0.00 | 28.18 2.15 0.00 | 37.76 2.70 0.00 | 34.78 2.44 0.00 | 31.35 2.16 0.00 | 25.71 1.72 0.00 | 25.76 1.37 0.00 | 23.56 1.21 0.00 |
| NYPA_VERNON____GT2 24162 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.26 0.81 0.00 | 21.87 0.86 0.00 | 23.94 0.94 0.00 | 25.64 1.04 0.00 | 24.45 1.15 0.00 | 22.43 1.05 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.05 1.28 0.00 | 31.80 1.90 0.00 | 33.07 2.25 0.00 | 28.72 2.20 0.00 | 29.77 2.31 0.00 | 28.18 2.15 0.00 | 37.73 2.68 0.00 | 34.72 2.38 0.00 | 31.29 2.11 0.00 | 25.68 1.69 0.00 | 25.73 1.34 0.00 | 23.54 1.19 0.00 |
| NYPA_VERNON____GT3 24163 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.26 0.81 0.00 | 21.87 0.86 0.00 | 23.94 0.94 0.00 | 25.64 1.04 0.00 | 24.45 1.15 0.00 | 22.43 1.05 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.05 1.28 0.00 | 31.80 1.90 0.00 | 33.07 2.25 0.00 | 28.72 2.20 0.00 | 29.77 2.31 0.00 | 28.18 2.15 0.00 | 37.73 2.68 0.00 | 34.72 2.38 0.00 | 31.29 2.11 0.00 | 25.68 1.69 0.00 | 25.73 1.34 0.00 | 23.54 1.19 0.00 |
| NYPA__ASTORIA_CC1 323568 | 21.42 0.88 0.00 | 19.56 0.79 0.00 | 16.94 0.71 0.00 | 18.91 0.74 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.93 0.93 0.00 | 25.62 1.02 0.00 | 24.43 1.12 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.26 0.00 | 31.77 1.87 0.00 | 33.04 2.22 0.00 | 28.70 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.70 2.65 0.00 | 34.70 2.36 0.00 | 31.27 2.08 0.00 | 25.67 1.67 0.00 | 25.71 1.32 0.00 | 23.54 1.18 0.00 |
| NYPA__ASTORIA_CC2 323569 | 21.42 0.88 0.00 | 19.56 0.79 0.00 | 16.94 0.71 0.00 | 18.91 0.74 0.00 | 21.25 0.80 0.00 | 21.86 0.85 0.00 | 23.93 0.93 0.00 | 25.62 1.02 0.00 | 24.43 1.12 0.00 | 22.41 1.03 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.26 0.00 | 31.77 1.87 0.00 | 33.04 2.22 0.00 | 28.70 2.17 0.00 | 29.74 2.29 0.00 | 28.15 2.13 0.00 | 37.70 2.65 0.00 | 34.70 2.36 0.00 | 31.27 2.08 0.00 | 25.67 1.67 0.00 | 25.71 1.32 0.00 | 23.54 1.18 0.00 |
| NYPA__HOLTSVILL 23794 | 21.60 1.07 0.00 | 19.71 0.94 0.00 | 17.09 0.87 0.00 | 19.06 0.87 0.00 | 21.43 0.98 0.00 | 22.14 1.13 0.00 | 24.30 1.30 0.00 | 26.00 1.40 0.00 | 24.71 1.41 0.00 | 22.63 1.24 0.00 | 22.16 1.21 0.00 | 22.16 1.21 0.00 | 26.17 1.43 -2.97 | 32.61 2.03 -0.68 | 34.11 2.42 -0.87 | 34.95 2.40 -6.03 | 30.01 2.55 0.00 | 28.37 2.34 0.00 | 37.99 2.94 0.00 | 34.98 2.64 0.00 | 31.59 2.40 0.00 | 25.85 1.86 0.00 | 26.27 1.60 -0.29 | 23.62 1.27 0.00 |
| NYPA__HELLGATE_GT1 24158 | 21.43 0.89 0.00 | 19.58 0.81 0.00 | 16.95 0.72 0.00 | 18.93 0.75 0.00 | 21.27 0.82 0.00 | 21.87 0.86 0.00 | 23.95 0.95 0.00 | 25.66 1.05 0.00 | 24.45 1.15 0.00 | 22.45 1.06 -0.01 | 22.01 1.05 -0.02 | 22.01 1.05 -0.02 | 23.01 1.23 0.00 | 31.73 1.82 0.00 | 33.00 2.19 0.00 | 28.67 2.14 0.00 | 29.73 2.27 0.00 | 28.12 2.09 0.00 | 37.66 2.60 0.00 | 34.66 2.32 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.32 0.00 | 23.55 1.19 0.00 |
| NYPA__HELLGATE_GT2 24159 | 21.43 0.89 0.00 | 19.58 0.81 0.00 | 16.95 0.72 0.00 | 18.93 0.75 0.00 | 21.27 0.82 0.00 | 21.87 0.86 0.00 | 23.95 0.95 0.00 | 25.66 1.05 0.00 | 24.45 1.15 0.00 | 22.45 1.06 -0.01 | 22.01 1.05 -0.02 | 22.01 1.05 -0.02 | 23.01 1.23 0.00 | 31.73 1.82 0.00 | 33.00 2.19 0.00 | 28.67 2.14 0.00 | 29.73 2.27 0.00 | 28.12 2.09 0.00 | 37.66 2.60 0.00 | 34.66 2.32 0.00 | 31.24 2.06 0.00 | 25.66 1.67 0.00 | 25.71 1.32 0.00 | 23.55 1.19 0.00 |
| NYS_BARGE__HYD 23848 | 19.19 -1.35 0.00 | 17.62 -1.16 0.00 | 15.14 -1.08 0.00 | 16.99 -1.20 0.00 | 19.12 -1.33 0.00 | 19.64 -1.37 0.00 | 21.60 -1.40 0.00 | 23.08 -1.52 0.00 | 21.85 -1.45 0.00 | 20.35 -1.03 0.00 | 19.94 -1.00 0.00 | 19.94 -1.00 0.00 | 21.01 -0.77 0.00 | 29.16 -0.74 0.00 | 29.72 -1.10 0.00 | 25.53 -1.00 0.00 | 26.01 -1.45 0.00 | 24.49 -1.54 0.00 | 33.23 -1.82 0.00 | 30.47 -1.87 0.00 | 27.49 -1.70 0.00 | 22.66 -1.33 0.00 | 23.07 -1.32 0.00 | 20.98 -1.38 0.00 |

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| OAK ORCHARD___HYD 24046 | 19.80 -0.74 0.00 | 18.14 -0.64 0.00 | 15.62 -0.61 0.00 | 17.50 -0.68 0.00 | 19.70 -0.75 0.00 | 20.25 -0.75 0.00 | 22.23 -0.76 0.00 | 23.79 -0.82 0.00 | 22.50 -0.80 0.00 | 20.83 -0.56 0.00 | 20.40 -0.54 0.00 | 20.40 -0.54 0.00 | 21.39 -0.39 0.00 | 29.59 -0.31 0.00 | 30.37 -0.45 0.00 | 26.15 -0.38 0.00 | 26.84 -0.62 0.00 | 25.35 -0.68 0.00 | 34.35 -0.70 0.00 | 31.56 -0.78 0.00 | 28.43 -0.76 0.00 | 23.37 -0.62 0.00 | 23.70 -0.68 0.00 | 21.58 -0.77 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 20.35 -0.18 0.00 | 18.61 -0.16 0.00 | 16.07 -0.15 0.00 | 18.04 -0.15 0.00 | 20.29 -0.16 0.00 | 20.84 -0.17 0.00 | 22.85 -0.14 0.00 | 24.47 -0.14 0.00 | 23.17 -0.13 0.00 | 21.30 -0.08 0.00 | 20.84 -0.10 0.00 | 20.84 -0.10 0.00 | 21.76 -0.01 0.00 | 30.06 0.15 0.00 | 31.00 0.19 0.00 | 26.80 0.27 0.00 | 27.69 0.24 0.00 | 26.19 0.16 0.00 | 35.25 0.19 0.00 | 32.49 0.15 0.00 | 29.25 0.07 0.00 | 24.06 0.06 0.00 | 24.31 -0.07 0.00 | 22.16 -0.20 0.00 |
| OCC_CHEM___DRP 24175 | 18.79 -1.75 0.00 | 17.27 -1.51 0.00 | 14.84 -1.39 0.00 | 16.65 -1.53 0.00 | 18.72 -1.72 0.00 | 19.23 -1.78 0.00 | 21.12 -1.88 0.00 | 22.57 -2.04 0.00 | 21.37 -1.93 0.00 | 19.95 -1.44 0.00 | 19.54 -1.40 0.00 | 19.54 -1.40 0.00 | 20.61 -1.17 0.00 | 28.56 -1.34 0.00 | 29.08 -1.74 0.00 | 24.95 -1.58 0.00 | 25.39 -2.07 0.00 | 23.87 -2.15 0.00 | 32.38 -2.67 0.00 | 29.67 -2.67 0.00 | 26.78 -2.41 0.00 | 22.11 -1.88 0.00 | 22.52 -1.86 0.00 | 20.53 -1.82 0.00 |
| OH_GEN_PROXY 24063 | 18.96 -1.57 0.00 | 17.42 -1.35 0.00 | 14.99 -1.24 0.00 | 16.81 -1.38 0.00 | 18.91 -1.54 0.00 | 19.41 -1.60 0.00 | 21.33 -1.67 0.00 | 22.80 -1.80 0.00 | 21.59 -1.72 0.00 | 20.12 -1.27 0.00 | 19.71 -1.24 0.00 | 19.71 -1.24 0.00 | 20.76 -1.02 0.00 | 28.80 -1.11 0.00 | 29.38 -1.44 0.00 | 25.22 -1.31 0.00 | 25.69 -1.76 0.00 | 24.16 -1.87 0.00 | 32.77 -2.29 0.00 | 30.03 -2.31 0.00 | 27.08 -2.11 0.00 | 22.33 -1.66 0.00 | 22.76 -1.62 0.00 | 20.71 -1.64 0.00 |
| OLIN_CORP_DRP 24177 | 18.90 -1.64 0.00 | 17.36 -1.41 0.00 | 14.92 -1.30 0.00 | 16.74 -1.44 0.00 | 18.84 -1.61 0.00 | 19.36 -1.65 0.00 | 21.27 -1.72 0.00 | 22.72 -1.88 0.00 | 21.51 -1.79 0.00 | 20.07 -1.32 0.00 | 19.67 -1.28 0.00 | 19.67 -1.28 0.00 | 20.71 -1.07 0.00 | 28.70 -1.20 0.00 | 29.23 -1.59 0.00 | 25.10 -1.43 0.00 | 25.55 -1.90 0.00 | 24.05 -1.98 0.00 | 32.62 -2.43 0.00 | 29.90 -2.44 0.00 | 26.98 -2.20 0.00 | 22.29 -1.71 0.00 | 22.69 -1.70 0.00 | 20.67 -1.69 0.00 |
| OLIN_CORP_DSASP 323712 | 18.79 -1.75 0.00 | 17.27 -1.51 0.00 | 14.84 -1.39 0.00 | 16.65 -1.53 0.00 | 18.72 -1.72 0.00 | 19.23 -1.78 0.00 | 21.13 -1.87 0.00 | 22.57 -2.04 0.00 | 21.37 -1.93 0.00 | 19.95 -1.44 0.00 | 19.54 -1.40 0.00 | 19.54 -1.40 0.00 | 20.61 -1.17 0.00 | 28.56 -1.34 0.00 | 29.08 -1.74 0.00 | 24.95 -1.58 0.00 | 25.39 -2.07 0.00 | 23.87 -2.16 0.00 | 32.38 -2.67 0.00 | 29.67 -2.67 0.00 | 26.78 -2.41 0.00 | 22.10 -1.90 0.00 | 22.54 -1.85 0.00 | 20.53 -1.82 0.00 |
| ONEIDA_HERK_LFGE 323681 | 20.32 -0.21 0.00 | 18.54 -0.24 0.00 | 15.99 -0.24 0.00 | 17.98 -0.20 0.00 | 20.28 -0.17 0.00 | 20.88 -0.13 0.00 | 22.95 -0.05 0.00 | 24.66 0.06 0.00 | 23.40 0.10 0.00 | 21.47 0.08 0.00 | 21.01 0.06 0.00 | 21.01 0.06 0.00 | 21.78 0.00 0.00 | 29.86 -0.05 0.00 | 30.81 -0.01 0.00 | 26.50 -0.02 0.00 | 27.38 -0.08 0.00 | 26.15 0.12 0.00 | 35.45 0.39 0.00 | 32.68 0.34 0.00 | 29.47 0.28 0.00 | 24.23 0.23 0.00 | 24.57 0.19 0.00 | 22.45 0.10 0.00 |
| ONEIDA___115KV_TB4 55905 | 20.76 0.22 0.00 | 18.96 0.19 0.00 | 16.36 0.14 0.00 | 18.37 0.19 0.00 | 20.67 0.22 0.00 | 21.26 0.25 0.00 | 23.35 0.35 0.00 | 24.99 0.39 0.00 | 23.62 0.32 0.00 | 21.63 0.25 0.00 | 21.17 0.23 0.00 | 21.17 0.23 0.00 | 21.99 0.22 0.00 | 30.21 0.30 0.00 | 31.18 0.36 0.00 | 26.90 0.37 0.00 | 27.88 0.42 0.00 | 26.52 0.49 0.00 | 35.93 0.87 0.00 | 33.13 0.79 0.00 | 29.94 0.75 0.00 | 24.59 0.60 0.00 | 24.88 0.49 0.00 | 22.70 0.35 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 20.37 -0.17 0.00 | 18.62 -0.15 0.00 | 16.07 -0.16 0.00 | 18.02 -0.16 0.00 | 20.28 -0.17 0.00 | 20.85 -0.16 0.00 | 22.85 -0.14 0.00 | 24.43 -0.17 0.00 | 23.13 -0.17 0.00 | 21.25 -0.14 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.62 -0.15 0.00 | 29.72 -0.18 0.00 | 30.65 -0.17 0.00 | 26.45 -0.08 0.00 | 27.38 -0.07 0.00 | 26.00 -0.03 0.00 | 35.05 -0.01 0.00 | 32.31 -0.02 0.00 | 29.15 -0.04 0.00 | 23.95 -0.04 0.00 | 24.23 -0.16 0.00 | 22.14 -0.21 0.00 |
| ONONDAGA___COGEN 23986 | 20.37 -0.17 0.00 | 18.62 -0.15 0.00 | 16.08 -0.15 0.00 | 18.03 -0.16 0.00 | 20.28 -0.17 0.00 | 20.85 -0.15 0.00 | 22.85 -0.15 0.00 | 24.43 -0.17 0.00 | 23.13 -0.17 0.00 | 21.25 -0.14 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.61 -0.16 0.00 | 29.70 -0.20 0.00 | 30.62 -0.19 0.00 | 26.41 -0.11 0.00 | 27.36 -0.09 0.00 | 25.97 -0.06 0.00 | 35.03 -0.03 0.00 | 32.29 -0.05 0.00 | 29.11 -0.08 0.00 | 23.92 -0.07 0.00 | 24.20 -0.18 0.00 | 22.13 -0.23 0.00 |
| ONTARIO___LFGE 23819 | 20.20 -0.35 0.00 | 18.47 -0.30 0.00 | 15.91 -0.31 0.00 | 17.85 -0.33 0.00 | 20.11 -0.34 0.00 | 20.68 -0.33 0.00 | 22.76 -0.23 0.00 | 24.41 -0.19 0.00 | 23.07 -0.23 0.00 | 21.22 -0.18 0.00 | 20.76 -0.19 0.00 | 20.76 -0.19 0.00 | 21.65 -0.13 0.00 | 29.95 0.05 0.00 | 30.86 0.04 0.00 | 26.67 0.14 0.00 | 27.56 0.11 0.00 | 26.08 0.05 0.00 | 35.22 0.17 0.00 | 32.52 0.18 0.00 | 29.28 0.09 0.00 | 24.07 0.07 0.00 | 24.30 -0.08 0.00 | 22.08 -0.27 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 19.40 -1.14 0.00 | 17.78 -1.00 0.00 | 15.31 -0.91 0.00 | 17.20 -0.99 0.00 | 19.38 -1.07 0.00 | 19.91 -1.10 0.00 | 21.92 -1.07 0.00 | 23.51 -1.09 0.00 | 22.29 -1.01 0.00 | 20.71 -0.68 0.00 | 20.27 -0.67 0.00 | 20.27 -0.67 0.00 | 21.32 -0.45 0.00 | 29.62 -0.29 0.00 | 30.34 -0.48 0.00 | 26.14 -0.39 0.00 | 26.73 -0.73 0.00 | 25.17 -0.86 0.00 | 34.02 -1.04 0.00 | 31.22 -1.12 0.00 | 28.12 -1.06 0.00 | 23.16 -0.84 0.00 | 23.49 -0.89 0.00 | 21.35 -1.00 0.00 |
| ORANGEVILLE___ESR 323794 | 19.40 -1.14 0.00 | 17.78 -1.00 0.00 | 15.31 -0.91 0.00 | 17.20 -0.99 0.00 | 19.38 -1.07 0.00 | 19.91 -1.10 0.00 | 21.92 -1.07 0.00 | 23.51 -1.09 0.00 | 22.29 -1.01 0.00 | 20.71 -0.68 0.00 | 20.27 -0.67 0.00 | 20.27 -0.67 0.00 | 21.32 -0.45 0.00 | 29.62 -0.29 0.00 | 30.34 -0.48 0.00 | 26.14 -0.39 0.00 | 26.73 -0.73 0.00 | 25.17 -0.86 0.00 | 34.02 -1.04 0.00 | 31.22 -1.12 0.00 | 28.12 -1.06 0.00 | 23.16 -0.84 0.00 | 23.49 -0.89 0.00 | 21.35 -1.00 0.00 |
| OSWEGATCHIE___HYD 24044 | 19.61 -0.93 0.00 | 17.86 -0.91 0.00 | 15.38 -0.84 0.00 | 17.32 -0.86 0.00 | 19.58 -0.87 0.00 | 20.17 -0.84 0.00 | 22.22 -0.78 0.00 | 24.00 -0.60 0.00 | 22.77 -0.53 0.00 | 20.90 -0.48 0.00 | 20.46 -0.48 0.00 | 20.46 -0.48 0.00 | 21.18 -0.60 0.00 | 29.04 -0.87 0.00 | 29.83 -0.99 0.00 | 25.53 -1.00 0.00 | 26.24 -1.21 0.00 | 25.09 -0.93 0.00 | 34.08 -0.97 0.00 | 31.46 -0.88 0.00 | 28.36 -0.82 0.00 | 23.24 -0.75 0.00 | 23.81 -0.58 0.00 | 21.82 -0.54 0.00 |
| OSWEGO___5 23606 | 20.07 -0.47 0.00 | 18.35 -0.43 0.00 | 15.84 -0.38 0.00 | 17.76 -0.42 0.00 | 19.98 -0.47 0.00 | 20.54 -0.47 0.00 | 22.48 -0.52 0.00 | 24.03 -0.57 0.00 | 22.76 -0.54 0.00 | 20.92 -0.47 0.00 | 20.48 -0.46 0.00 | 20.48 -0.46 0.00 | 21.26 -0.51 0.00 | 29.17 -0.73 0.00 | 30.07 -0.75 0.00 | 25.92 -0.60 0.00 | 26.81 -0.64 0.00 | 25.44 -0.59 0.00 | 34.30 -0.76 0.00 | 31.63 -0.71 0.00 | 28.53 -0.65 0.00 | 23.45 -0.54 0.00 | 23.77 -0.61 0.00 | 21.76 -0.59 0.00 |

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| OSWEGO___6 23613 | 20.07 -0.47 0.00 | 18.35 -0.43 0.00 | 15.84 -0.38 0.00 | 17.76 -0.42 0.00 | 19.98 -0.47 0.00 | 20.54 -0.47 0.00 | 22.48 -0.52 0.00 | 24.03 -0.57 0.00 | 22.76 -0.54 0.00 | 20.92 -0.47 0.00 | 20.48 -0.46 0.00 | 20.48 -0.46 0.00 | 21.26 -0.51 0.00 | 29.17 -0.73 0.00 | 30.07 -0.75 0.00 | 25.92 -0.60 0.00 | 26.81 -0.64 0.00 | 25.44 -0.59 0.00 | 34.30 -0.76 0.00 | 31.63 -0.71 0.00 | 28.53 -0.65 0.00 | 23.45 -0.54 0.00 | 23.77 -0.61 0.00 | 21.76 -0.59 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 19.28 -1.26 0.00 | 17.70 -1.07 0.00 | 15.21 -1.02 0.00 | 17.06 -1.12 0.00 | 19.19 -1.25 0.00 | 19.73 -1.28 0.00 | 21.68 -1.32 0.00 | 23.19 -1.41 0.00 | 21.98 -1.32 0.00 | 20.50 -0.89 0.00 | 20.09 -0.86 0.00 | 20.09 -0.86 0.00 | 21.20 -0.58 0.00 | 29.40 -0.50 0.00 | 29.98 -0.83 0.00 | 25.74 -0.78 0.00 | 26.23 -1.22 0.00 | 24.69 -1.34 0.00 | 33.48 -1.57 0.00 | 30.66 -1.68 0.00 | 27.64 -1.55 0.00 | 22.80 -1.19 0.00 | 23.17 -1.22 0.00 | 21.08 -1.27 0.00 |
| OXBOW___BTM 323836 | 19.05 -1.49 0.00 | 17.49 -1.29 0.00 | 15.03 -1.20 0.00 | 16.85 -1.33 0.00 | 18.96 -1.49 0.00 | 19.48 -1.53 0.00 | 21.41 -1.59 0.00 | 22.88 -1.72 0.00 | 21.68 -1.63 0.00 | 20.23 -1.15 0.00 | 19.83 -1.11 0.00 | 19.83 -1.11 0.00 | 20.92 -0.86 0.00 | 29.01 -0.89 0.00 | 29.56 -1.25 0.00 | 25.38 -1.15 0.00 | 25.84 -1.61 0.00 | 24.32 -1.71 0.00 | 32.97 -2.08 0.00 | 30.20 -2.14 0.00 | 27.23 -1.96 0.00 | 22.46 -1.53 0.00 | 22.87 -1.51 0.00 | 20.82 -1.54 0.00 |
| OXBOW____ 24026 | 19.05 -1.49 0.00 | 17.49 -1.29 0.00 | 15.02 -1.20 0.00 | 16.85 -1.33 0.00 | 18.95 -1.49 0.00 | 19.48 -1.53 0.00 | 21.40 -1.60 0.00 | 22.88 -1.72 0.00 | 21.68 -1.62 0.00 | 20.23 -1.15 0.00 | 19.83 -1.11 0.00 | 19.83 -1.11 0.00 | 20.92 -0.86 0.00 | 29.01 -0.89 0.00 | 29.56 -1.25 0.00 | 25.38 -1.15 0.00 | 25.84 -1.61 0.00 | 24.32 -1.71 0.00 | 32.97 -2.08 0.00 | 30.20 -2.14 0.00 | 27.23 -1.96 0.00 | 22.47 -1.52 0.00 | 22.86 -1.53 0.00 | 20.81 -1.54 0.00 |
| OXY_CHEM_DSASP 323612 | 18.79 -1.75 0.00 | 17.27 -1.51 0.00 | 14.84 -1.39 0.00 | 16.65 -1.53 0.00 | 18.72 -1.72 0.00 | 19.23 -1.78 0.00 | 21.12 -1.88 0.00 | 22.57 -2.04 0.00 | 21.37 -1.93 0.00 | 19.95 -1.44 0.00 | 19.54 -1.40 0.00 | 19.54 -1.40 0.00 | 20.61 -1.17 0.00 | 28.56 -1.34 0.00 | 29.08 -1.74 0.00 | 24.95 -1.58 0.00 | 25.39 -2.07 0.00 | 23.87 -2.15 0.00 | 32.38 -2.67 0.00 | 29.67 -2.67 0.00 | 26.78 -2.41 0.00 | 22.11 -1.88 0.00 | 22.52 -1.86 0.00 | 20.53 -1.82 0.00 |
| OZONE_PARK_ESR 323760 | 21.57 1.03 0.00 | 19.68 0.91 0.00 | 17.04 0.81 0.00 | 19.02 0.84 0.00 | 21.38 0.93 0.00 | 22.00 0.99 0.00 | 24.08 1.09 0.00 | 25.80 1.20 0.00 | 24.60 1.30 0.00 | 22.57 1.18 0.00 | 22.10 1.15 0.00 | 22.10 1.15 0.00 | 23.21 1.43 0.00 | 32.00 2.09 0.00 | 33.28 2.46 0.00 | 28.91 2.38 0.00 | 29.97 2.52 0.00 | 28.39 2.36 0.00 | 38.02 2.96 0.00 | 34.99 2.65 0.00 | 31.54 2.36 0.00 | 25.87 1.88 0.00 | 25.93 1.55 0.00 | 23.70 1.35 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 18.79 -1.75 0.00 | 17.27 -1.51 0.00 | 14.84 -1.39 0.00 | 16.65 -1.53 0.00 | 18.72 -1.72 0.00 | 19.23 -1.78 0.00 | 21.12 -1.88 0.00 | 22.57 -2.04 0.00 | 21.37 -1.93 0.00 | 19.95 -1.44 0.00 | 19.54 -1.40 0.00 | 19.54 -1.40 0.00 | 20.61 -1.17 0.00 | 28.56 -1.34 0.00 | 29.08 -1.74 0.00 | 24.95 -1.58 0.00 | 25.39 -2.07 0.00 | 23.87 -2.15 0.00 | 32.38 -2.67 0.00 | 29.67 -2.67 0.00 | 26.78 -2.41 0.00 | 22.11 -1.88 0.00 | 22.52 -1.86 0.00 | 20.53 -1.82 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 18.79 -1.75 0.00 | 17.27 -1.51 0.00 | 14.84 -1.39 0.00 | 16.65 -1.53 0.00 | 18.72 -1.72 0.00 | 19.23 -1.78 0.00 | 21.12 -1.88 0.00 | 22.57 -2.04 0.00 | 21.37 -1.93 0.00 | 19.95 -1.44 0.00 | 19.54 -1.40 0.00 | 19.54 -1.40 0.00 | 20.61 -1.17 0.00 | 28.56 -1.34 0.00 | 29.08 -1.74 0.00 | 24.95 -1.58 0.00 | 25.39 -2.07 0.00 | 23.87 -2.15 0.00 | 32.38 -2.67 0.00 | 29.67 -2.67 0.00 | 26.78 -2.41 0.00 | 22.11 -1.88 0.00 | 22.52 -1.86 0.00 | 20.53 -1.82 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 21.39 0.85 0.00 | 19.55 0.77 0.00 | 16.92 0.69 0.00 | 18.90 0.71 0.00 | 21.23 0.79 0.00 | 21.83 0.82 0.00 | 23.91 0.91 0.00 | 25.62 1.02 0.00 | 24.40 1.10 0.00 | 22.38 0.99 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 22.95 1.18 0.00 | 31.67 1.76 0.00 | 32.94 2.13 0.00 | 28.62 2.09 0.00 | 29.67 2.22 0.00 | 28.09 2.06 0.00 | 37.62 2.57 0.00 | 34.65 2.31 0.00 | 31.24 2.05 0.00 | 25.63 1.64 0.00 | 25.68 1.29 0.00 | 23.52 1.17 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 21.39 0.85 0.00 | 19.55 0.77 0.00 | 16.92 0.69 0.00 | 18.90 0.71 0.00 | 21.24 0.79 0.00 | 21.83 0.82 0.00 | 23.91 0.92 0.00 | 25.62 1.02 0.00 | 24.40 1.10 0.00 | 22.38 0.99 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 22.95 1.18 0.00 | 31.67 1.77 0.00 | 32.95 2.13 0.00 | 28.62 2.09 0.00 | 29.68 2.22 0.00 | 28.09 2.06 0.00 | 37.63 2.58 0.00 | 34.65 2.31 0.00 | 31.24 2.06 0.00 | 25.64 1.65 0.00 | 25.69 1.30 0.00 | 23.52 1.17 0.00 |
| PATROON__115KV_TB1 80586 | 21.03 0.49 0.00 | 19.26 0.48 0.00 | 16.72 0.49 0.00 | 18.68 0.50 0.00 | 20.96 0.52 0.00 | 21.48 0.47 0.00 | 23.43 0.44 0.00 | 25.01 0.41 0.00 | 23.74 0.43 0.00 | 21.69 0.30 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.06 0.29 0.00 | 30.18 0.28 0.00 | 31.37 0.55 0.00 | 27.14 0.61 0.00 | 28.25 0.80 0.00 | 26.80 0.77 0.00 | 36.05 1.00 0.00 | 33.43 1.09 0.00 | 30.13 0.95 0.00 | 24.68 0.68 0.00 | 24.80 0.42 0.00 | 22.70 0.34 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 21.29 0.75 0.00 | 19.45 0.68 0.00 | 16.84 0.62 0.00 | 18.85 0.67 0.00 | 21.19 0.74 0.00 | 21.75 0.74 0.00 | 23.80 0.80 0.00 | 25.36 0.75 0.00 | 23.82 0.52 0.00 | 21.70 0.31 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.06 0.28 0.00 | 30.31 0.41 0.00 | 31.40 0.59 0.00 | 27.14 0.61 0.00 | 28.22 0.77 0.00 | 26.85 0.82 0.00 | 36.43 1.38 0.00 | 33.85 1.51 0.00 | 30.51 1.32 0.00 | 24.97 0.98 0.00 | 25.19 0.80 0.00 | 23.06 0.70 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 19.73 -0.81 0.00 | 18.11 -0.67 0.00 | 15.56 -0.66 0.00 | 17.49 -0.69 0.00 | 19.67 -0.78 0.00 | 20.21 -0.80 0.00 | 22.24 -0.76 0.00 | 23.80 -0.80 0.00 | 22.58 -0.73 0.00 | 21.01 -0.38 0.00 | 20.57 -0.38 0.00 | 20.57 -0.38 0.00 | 21.67 -0.11 0.00 | 30.08 0.18 0.00 | 30.76 -0.05 0.00 | 26.50 -0.03 0.00 | 27.08 -0.37 0.00 | 25.47 -0.56 0.00 | 34.50 -0.56 0.00 | 31.60 -0.74 0.00 | 28.44 -0.75 0.00 | 23.44 -0.55 0.00 | 23.78 -0.61 0.00 | 21.60 -0.75 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 21.46 0.92 0.00 | 19.59 0.82 0.00 | 16.96 0.73 0.00 | 18.94 0.76 0.00 | 21.29 0.84 0.00 | 21.91 0.90 0.00 | 23.98 0.98 0.00 | 25.69 1.09 0.00 | 24.44 1.14 0.00 | 22.39 1.00 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 22.96 1.19 0.00 | 31.65 1.74 0.00 | 32.90 2.09 0.00 | 28.60 2.07 0.00 | 29.67 2.22 0.00 | 28.14 2.11 0.00 | 37.76 2.70 0.00 | 34.76 2.43 0.00 | 31.31 2.13 0.00 | 25.67 1.68 0.00 | 25.73 1.35 0.00 | 23.50 1.15 0.00 |
| PEEKSKILL____ 23653 | 21.26 0.72 0.00 | 19.41 0.64 0.00 | 16.80 0.57 0.00 | 18.76 0.58 0.00 | 21.10 0.65 0.00 | 21.71 0.70 0.00 | 23.75 0.75 0.00 | 25.44 0.84 0.00 | 24.21 0.91 0.00 | 22.18 0.80 0.00 | 21.72 0.78 0.00 | 21.72 0.78 0.00 | 22.78 1.01 0.00 | 31.40 1.50 0.00 | 32.63 1.81 0.00 | 28.33 1.81 0.00 | 29.37 1.92 0.00 | 27.82 1.80 0.00 | 37.32 2.26 0.00 | 34.37 2.03 0.00 | 30.96 1.78 0.00 | 25.40 1.40 0.00 | 25.48 1.10 0.00 | 23.30 0.94 0.00 |

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| PGE MADISON___WINDPWR 24146 | 21.68 1.14 0.00 | 19.78 1.01 0.00 | 17.05 0.82 0.00 | 19.09 0.91 0.00 | 21.55 1.10 0.00 | 22.20 1.19 0.00 | 24.53 1.53 0.00 | 26.27 1.66 0.00 | 24.70 1.40 0.00 | 22.39 1.01 0.00 | 21.86 0.92 0.00 | 21.86 0.92 0.00 | 22.71 0.93 0.00 | 31.56 1.65 0.00 | 32.28 1.46 0.00 | 27.85 1.33 0.00 | 28.99 1.54 0.00 | 27.67 1.65 0.00 | 37.72 2.67 0.00 | 34.95 2.61 0.00 | 31.56 2.38 0.00 | 25.89 1.89 0.00 | 26.05 1.67 0.00 | 23.68 1.33 0.00 |
| PIERCEFIELD___HYD 23852 | 20.00 -0.54 0.00 | 18.25 -0.52 0.00 | 15.72 -0.50 0.00 | 17.66 -0.53 0.00 | 19.91 -0.54 0.00 | 20.50 -0.50 0.00 | 22.56 -0.44 0.00 | 24.31 -0.29 0.00 | 22.97 -0.33 0.00 | 21.11 -0.27 0.00 | 20.69 -0.25 0.00 | 20.69 -0.25 0.00 | 21.46 -0.31 0.00 | 29.45 -0.45 0.00 | 30.18 -0.64 0.00 | 25.78 -0.75 0.00 | 26.52 -0.93 0.00 | 25.17 -0.86 0.00 | 34.05 -1.00 0.00 | 31.47 -0.87 0.00 | 28.42 -0.76 0.00 | 23.32 -0.67 0.00 | 24.04 -0.34 0.00 | 22.09 -0.26 0.00 |
| PINELAWN_CC_1 323563 | 21.72 1.18 0.00 | 19.80 1.03 0.00 | 17.15 0.92 0.00 | 19.12 0.93 0.00 | 21.50 1.05 0.00 | 22.19 1.18 0.00 | 24.34 1.34 0.00 | 26.05 1.45 0.00 | 24.78 1.48 0.00 | 22.68 1.30 0.00 | 22.20 1.26 0.00 | 22.20 1.26 0.00 | 26.27 1.53 -2.97 | 32.78 2.20 -0.68 | 34.08 2.39 -0.87 | 34.84 2.28 -6.03 | 29.79 2.34 0.00 | 28.13 2.10 0.00 | 37.69 2.64 0.00 | 34.68 2.34 0.00 | 31.31 2.12 0.00 | 25.77 1.78 0.00 | 26.41 1.74 -0.29 | 23.77 1.42 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 21.36 0.82 0.00 | 19.50 0.73 0.00 | 16.88 0.66 0.00 | 18.85 0.66 0.00 | 21.19 0.74 0.00 | 21.80 0.79 0.00 | 23.85 0.86 0.00 | 25.76 0.95 -0.20 | 24.35 1.05 0.00 | 22.33 0.94 0.00 | 21.86 0.92 0.00 | 21.86 0.92 0.00 | 22.95 1.18 0.00 | 31.64 1.73 0.00 | 32.90 2.08 0.00 | 28.57 2.04 0.00 | 29.61 2.16 0.00 | 28.04 2.01 0.00 | 37.55 2.50 0.00 | 34.57 2.24 0.00 | 31.16 1.97 0.00 | 25.56 1.57 0.00 | 25.63 1.24 0.00 | 23.43 1.08 0.00 |
| PJM_GEN_KEystone 24065 | 20.26 -0.28 0.00 | 18.55 -0.22 0.00 | 14.08 -0.20 1.94 | 15.44 -0.26 2.48 | 20.18 -0.27 0.00 | 20.75 -0.26 0.00 | 21.61 -0.25 1.13 | 24.56 -0.24 -0.20 | 23.12 -0.17 0.01 | 21.11 -0.07 0.20 | 20.82 -0.08 0.04 | 20.82 -0.08 0.04 | 21.92 0.16 0.01 | 30.37 0.46 0.00 | 31.37 0.55 0.00 | 27.16 0.63 0.00 | 27.99 0.54 0.00 | 26.43 0.40 0.00 | 35.51 0.45 0.00 | 32.65 0.31 0.00 | 29.38 0.20 0.00 | 24.15 0.16 0.00 | 24.35 -0.04 0.00 | 22.20 -0.15 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 21.49 0.95 0.00 | 19.60 0.83 0.00 | 16.97 0.75 0.00 | 18.94 0.75 0.00 | 21.29 0.84 0.00 | 21.95 0.94 0.00 | 24.06 1.06 0.00 | 25.93 1.12 -0.20 | 24.48 1.18 0.00 | 22.43 1.05 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 24.78 1.30 -1.70 | 32.14 1.88 -0.36 | 33.50 2.22 -0.47 | 31.93 2.18 -3.23 | 29.74 2.28 0.00 | 28.12 2.10 0.00 | 37.68 2.63 0.00 | 34.68 2.34 0.00 | 31.29 2.11 0.00 | 25.66 1.67 0.00 | 25.98 1.42 -0.18 | 23.53 1.18 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 21.29 0.75 0.00 | 19.44 0.67 0.00 | 16.83 0.60 0.00 | 18.79 0.60 0.00 | 21.12 0.67 0.00 | 21.73 0.72 0.00 | 23.76 0.77 0.00 | 25.65 0.85 -0.20 | 24.27 0.97 0.00 | 22.26 0.88 0.00 | 21.80 0.86 0.00 | 21.80 0.86 0.00 | 22.89 1.12 0.00 | 31.53 1.63 0.00 | 32.81 1.99 0.00 | 28.49 1.96 0.00 | 29.53 2.08 0.00 | 27.97 1.94 0.00 | 37.45 2.40 0.00 | 34.47 2.13 0.00 | 31.08 1.89 0.00 | 25.50 1.50 0.00 | 25.56 1.17 0.00 | 23.37 1.02 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 20.98 0.44 0.00 | 19.26 0.48 0.00 | 16.66 0.43 0.00 | 18.65 0.47 0.00 | 20.98 0.53 0.00 | 21.58 0.57 0.00 | 23.68 0.68 0.00 | 25.40 0.80 0.00 | 23.81 0.51 0.00 | 21.91 0.52 0.00 | 21.49 0.54 0.00 | 21.49 0.54 0.00 | 22.40 0.62 0.00 | 30.64 0.73 0.00 | 31.50 0.68 0.00 | 27.00 0.47 0.00 | 27.91 0.46 0.00 | 26.38 0.35 0.00 | 35.53 0.47 0.00 | 32.84 0.50 0.00 | 29.37 0.19 0.00 | 23.96 -0.03 0.00 | 24.51 0.12 0.00 | 22.68 0.32 0.00 |
| PLEASANTVLY___LBMP 24000 | 21.22 0.68 0.00 | 19.39 0.61 0.00 | 16.80 0.57 0.00 | 18.77 0.58 0.00 | 21.09 0.64 0.00 | 21.69 0.68 0.00 | 23.71 0.71 0.00 | 25.38 0.77 0.00 | 24.12 0.81 0.00 | 22.07 0.68 0.00 | 21.61 0.67 0.00 | 21.61 0.67 0.00 | 22.59 0.82 0.00 | 31.08 1.18 0.00 | 32.31 1.50 0.00 | 28.04 1.52 0.00 | 29.11 1.65 0.00 | 27.58 1.56 0.00 | 37.02 1.96 0.00 | 34.16 1.82 0.00 | 30.78 1.60 0.00 | 25.25 1.25 0.00 | 25.34 0.96 0.00 | 23.17 0.82 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 21.34 0.80 0.00 | 19.48 0.71 0.00 | 16.87 0.64 0.00 | 18.84 0.65 0.00 | 21.17 0.72 0.00 | 21.79 0.78 0.00 | 23.83 0.83 0.00 | 25.53 0.93 0.00 | 24.29 0.98 0.00 | 22.25 0.86 0.00 | 21.78 0.84 0.00 | 21.78 0.84 0.00 | 22.83 1.06 0.00 | 31.45 1.55 0.00 | 32.70 1.89 0.00 | 28.40 1.87 0.00 | 29.45 2.00 0.00 | 27.89 1.87 0.00 | 37.41 2.36 0.00 | 34.46 2.12 0.00 | 31.05 1.87 0.00 | 25.47 1.47 0.00 | 25.56 1.17 0.00 | 23.36 1.01 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 21.34 0.80 0.00 | 19.48 0.71 0.00 | 16.87 0.64 0.00 | 18.84 0.65 0.00 | 21.17 0.72 0.00 | 21.79 0.78 0.00 | 23.83 0.83 0.00 | 25.53 0.93 0.00 | 24.29 0.98 0.00 | 22.25 0.86 0.00 | 21.78 0.84 0.00 | 21.78 0.84 0.00 | 22.83 1.06 0.00 | 31.45 1.55 0.00 | 32.70 1.89 0.00 | 28.40 1.87 0.00 | 29.45 2.00 0.00 | 27.89 1.87 0.00 | 37.41 2.36 0.00 | 34.46 2.12 0.00 | 31.05 1.87 0.00 | 25.47 1.47 0.00 | 25.56 1.17 0.00 | 23.36 1.01 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 21.36 0.82 0.00 | 19.50 0.73 0.00 | 16.89 0.67 0.00 | 18.88 0.69 0.00 | 21.21 0.77 0.00 | 21.82 0.81 0.00 | 23.87 0.87 0.00 | 25.56 0.96 0.00 | 24.28 0.98 0.00 | 22.22 0.84 0.00 | 21.76 0.82 0.00 | 21.76 0.82 0.00 | 22.75 0.98 0.00 | 31.31 1.41 0.00 | 32.56 1.75 0.00 | 28.31 1.78 0.00 | 29.40 1.95 0.00 | 27.90 1.87 0.00 | 37.46 2.40 0.00 | 34.54 2.20 0.00 | 31.10 1.91 0.00 | 25.50 1.51 0.00 | 25.57 1.19 0.00 | 23.36 1.01 0.00 |
| POLETTI___ 23519 | 21.35 0.81 0.00 | 19.49 0.72 0.00 | 16.89 0.66 0.00 | 18.86 0.67 0.00 | 21.20 0.75 0.00 | 21.80 0.79 0.00 | 23.84 0.84 0.00 | 25.53 0.93 0.00 | 24.34 1.04 0.00 | 22.33 0.94 0.00 | 21.87 0.92 0.00 | 21.87 0.92 0.00 | 22.96 1.18 0.00 | 31.63 1.72 0.00 | 32.89 2.07 0.00 | 28.56 2.04 0.00 | 29.61 2.16 0.00 | 28.04 2.01 0.00 | 37.54 2.49 0.00 | 34.56 2.22 0.00 | 31.15 1.96 0.00 | 25.56 1.56 0.00 | 25.62 1.23 0.00 | 23.43 1.07 0.00 |
| POMONA___ESR 323819 | 21.24 0.70 0.00 | 19.39 0.62 0.00 | 16.77 0.55 0.00 | 18.73 0.55 0.00 | 21.07 0.63 0.00 | 21.69 0.68 0.00 | 23.73 0.73 0.00 | 25.43 0.83 0.00 | 24.19 0.89 0.00 | 22.18 0.80 0.00 | 21.72 0.78 0.00 | 21.72 0.78 0.00 | 22.81 1.04 0.00 | 31.47 1.57 0.00 | 32.70 1.88 0.00 | 28.39 1.87 0.00 | 29.43 1.98 0.00 | 27.88 1.85 0.00 | 37.38 2.33 0.00 | 34.41 2.08 0.00 | 30.99 1.81 0.00 | 25.41 1.42 0.00 | 25.49 1.10 0.00 | 23.30 0.95 0.00 |
| PORT_JEFF_3 23555 | 21.65 1.11 0.00 | 19.75 0.98 0.00 | 17.12 0.90 0.00 | 19.09 0.91 0.00 | 21.47 1.02 0.00 | 22.18 1.18 0.00 | 24.35 1.35 0.00 | 26.06 1.45 0.00 | 24.77 1.47 0.00 | 22.68 1.30 0.00 | 22.20 1.26 0.00 | 22.20 1.26 0.00 | 26.24 1.50 -2.97 | 32.72 2.14 -0.68 | 34.23 2.54 -0.87 | 35.07 2.51 -6.03 | 30.13 2.68 0.00 | 28.44 2.41 0.00 | 38.09 3.03 0.00 | 35.09 2.76 0.00 | 31.70 2.52 0.00 | 25.95 1.95 0.00 | 26.36 1.69 -0.29 | 23.69 1.34 0.00 |

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| PORT_JEFF_4 23616 | 21.65 1.11 0.00 | 19.75 0.98 0.00 | 17.12 0.90 0.00 | 19.09 0.91 0.00 | 21.47 1.02 0.00 | 22.18 1.18 0.00 | 24.35 1.35 0.00 | 26.06 1.45 0.00 | 24.77 1.47 0.00 | 22.68 1.30 0.00 | 22.20 1.26 0.00 | 22.20 1.26 0.00 | 26.24 1.50 -2.97 | 32.72 2.14 -0.68 | 34.23 2.54 -0.87 | 35.07 2.51 -6.03 | 30.13 2.68 0.00 | 28.44 2.41 0.00 | 38.09 3.03 0.00 | 35.09 2.76 0.00 | 31.70 2.52 0.00 | 25.95 1.95 0.00 | 26.36 1.69 -0.29 | 23.69 1.34 0.00 |
| PORT_JEFF_IC 23713 | 21.65 1.12 0.00 | 19.76 0.98 0.00 | 17.13 0.91 0.00 | 19.10 0.91 0.00 | 21.48 1.03 0.00 | 22.19 1.18 0.00 | 24.36 1.36 0.00 | 26.06 1.46 0.00 | 24.78 1.48 0.00 | 22.69 1.31 0.00 | 22.22 1.28 0.00 | 22.22 1.28 0.00 | 26.26 1.52 -2.96 | 32.75 2.17 -0.68 | 34.27 2.59 -0.87 | 35.11 2.55 -6.03 | 30.18 2.72 0.00 | 28.39 2.36 0.00 | 38.03 2.98 0.00 | 35.09 2.76 0.00 | 31.76 2.57 0.00 | 25.96 1.97 0.00 | 26.38 1.71 -0.29 | 23.70 1.35 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 21.81 1.27 0.00 | 19.89 1.11 0.00 | 17.22 1.00 0.00 | 19.20 1.02 0.00 | 21.59 1.14 0.00 | 22.30 1.29 0.00 | 24.47 1.47 0.00 | 26.19 1.59 0.00 | 24.91 1.61 0.00 | 22.81 1.43 0.00 | 22.33 1.38 0.00 | 22.33 1.38 0.00 | 26.40 1.66 -2.97 | 32.95 2.37 -0.68 | 34.45 2.76 -0.87 | 35.24 2.68 -6.03 | 30.30 2.84 0.00 | 28.66 2.63 0.00 | 38.42 3.36 0.00 | 35.35 3.01 0.00 | 31.92 2.74 0.00 | 26.12 2.13 0.00 | 26.53 1.86 -0.29 | 23.85 1.50 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 21.81 1.27 0.00 | 19.89 1.11 0.00 | 17.22 1.00 0.00 | 19.20 1.02 0.00 | 21.59 1.14 0.00 | 22.30 1.29 0.00 | 24.47 1.47 0.00 | 26.19 1.59 0.00 | 24.91 1.61 0.00 | 22.81 1.43 0.00 | 22.33 1.38 0.00 | 22.33 1.38 0.00 | 26.40 1.66 -2.97 | 32.95 2.37 -0.68 | 34.45 2.76 -0.87 | 35.24 2.68 -6.03 | 30.30 2.84 0.00 | 28.66 2.63 0.00 | 38.42 3.36 0.00 | 35.35 3.01 0.00 | 31.92 2.74 0.00 | 26.12 2.13 0.00 | 26.53 1.86 -0.29 | 23.85 1.50 0.00 |
| PPL_SHRM_GT3 24213 | 21.43 0.89 0.00 | 19.56 0.79 0.00 | 17.01 0.79 0.00 | 18.97 0.78 0.00 | 21.33 0.89 0.00 | 22.07 1.06 0.00 | 24.25 1.25 0.00 | 25.93 1.32 0.00 | 24.57 1.27 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 26.04 1.30 -2.97 | 32.45 1.86 -0.68 | 33.97 2.28 -0.87 | 34.86 2.30 -6.03 | 29.94 2.48 0.00 | 28.36 2.33 0.00 | 37.97 2.91 0.00 | 34.93 2.60 0.00 | 31.51 2.32 0.00 | 25.78 1.78 0.00 | 26.19 1.52 -0.29 | 23.50 1.15 0.00 |
| PPL_SHRM_GT4 24214 | 21.43 0.89 0.00 | 19.56 0.79 0.00 | 17.01 0.79 0.00 | 18.97 0.78 0.00 | 21.33 0.89 0.00 | 22.07 1.06 0.00 | 24.25 1.25 0.00 | 25.93 1.32 0.00 | 24.57 1.27 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 26.04 1.30 -2.97 | 32.45 1.86 -0.68 | 33.97 2.28 -0.87 | 34.86 2.30 -6.03 | 29.94 2.48 0.00 | 28.36 2.33 0.00 | 37.97 2.91 0.00 | 34.93 2.60 0.00 | 31.51 2.32 0.00 | 25.78 1.78 0.00 | 26.19 1.52 -0.29 | 23.50 1.15 0.00 |
| PROJECT___ORANGE 1 24174 | 20.27 -0.26 0.00 | 18.52 -0.25 0.00 | 15.99 -0.23 0.00 | 17.93 -0.25 0.00 | 20.18 -0.26 0.00 | 20.74 -0.27 0.00 | 22.73 -0.27 0.00 | 24.30 -0.31 0.00 | 23.02 -0.28 0.00 | 21.16 -0.22 0.00 | 20.71 -0.23 0.00 | 20.71 -0.23 0.00 | 21.53 -0.24 0.00 | 29.59 -0.31 0.00 | 30.51 -0.31 0.00 | 26.33 -0.20 0.00 | 27.24 -0.22 0.00 | 25.85 -0.18 0.00 | 34.85 -0.21 0.00 | 32.11 -0.22 0.00 | 28.96 -0.23 0.00 | 23.79 -0.20 0.00 | 24.08 -0.30 0.00 | 22.01 -0.34 0.00 |
| PROJECT___ORANGE 2 24166 | 20.27 -0.26 0.00 | 18.52 -0.25 0.00 | 15.99 -0.23 0.00 | 17.93 -0.25 0.00 | 20.18 -0.26 0.00 | 20.74 -0.27 0.00 | 22.73 -0.27 0.00 | 24.30 -0.31 0.00 | 23.02 -0.28 0.00 | 21.16 -0.22 0.00 | 20.71 -0.23 0.00 | 20.71 -0.23 0.00 | 21.53 -0.24 0.00 | 29.59 -0.31 0.00 | 30.51 -0.31 0.00 | 26.33 -0.20 0.00 | 27.24 -0.22 0.00 | 25.85 -0.18 0.00 | 34.85 -0.21 0.00 | 32.11 -0.22 0.00 | 28.96 -0.23 0.00 | 23.79 -0.20 0.00 | 24.08 -0.30 0.00 | 22.01 -0.34 0.00 |
| PUCKETT___SOLAR 323809 | 20.68 0.14 0.00 | 18.89 0.12 0.00 | 16.32 0.09 0.00 | 18.28 0.10 0.00 | 20.59 0.14 0.00 | 21.17 0.16 0.00 | 23.26 0.26 0.00 | 24.89 0.28 0.00 | 23.51 0.21 0.00 | 21.52 0.13 0.00 | 21.03 0.08 0.00 | 21.03 0.08 0.00 | 21.90 0.12 0.00 | 30.35 0.45 0.00 | 31.16 0.34 0.00 | 26.97 0.45 0.00 | 27.97 0.51 0.00 | 26.51 0.48 0.00 | 35.82 0.76 0.00 | 33.10 0.76 0.00 | 29.82 0.63 0.00 | 24.50 0.51 0.00 | 24.73 0.35 0.00 | 22.53 0.18 0.00 |
| PYRITES___HYD 24023 | 20.57 0.03 0.00 | 18.76 -0.01 0.00 | 16.16 -0.06 0.00 | 18.13 -0.05 0.00 | 20.44 0.00 0.00 | 21.05 0.04 0.00 | 23.17 0.17 0.00 | 24.90 0.30 0.00 | 23.40 0.10 0.00 | 21.48 0.09 0.00 | 21.05 0.10 0.00 | 21.05 0.10 0.00 | 21.79 0.02 0.00 | 29.90 0.00 0.00 | 30.63 -0.19 0.00 | 26.16 -0.37 0.00 | 26.90 -0.56 0.00 | 25.54 -0.48 0.00 | 34.68 -0.38 0.00 | 32.22 -0.12 0.00 | 29.20 0.01 0.00 | 23.96 -0.03 0.00 | 24.67 0.28 0.00 | 22.63 0.28 0.00 |
| QUAKERRD_115KV_BK1 80622 | 19.51 -1.03 0.00 | 17.87 -0.90 0.00 | 15.39 -0.83 0.00 | 17.26 -0.93 0.00 | 19.41 -1.03 0.00 | 19.96 -1.05 0.00 | 21.91 -1.09 0.00 | 23.44 -1.16 0.00 | 22.18 -1.12 0.00 | 20.51 -0.88 0.00 | 20.09 -0.86 0.00 | 20.09 -0.86 0.00 | 21.01 -0.76 0.00 | 29.03 -0.88 0.00 | 29.82 -1.00 0.00 | 25.68 -0.85 0.00 | 26.41 -1.04 0.00 | 24.98 -1.05 0.00 | 33.80 -1.26 0.00 | 31.06 -1.28 0.00 | 28.00 -1.19 0.00 | 23.01 -0.99 0.00 | 23.31 -1.07 0.00 | 21.26 -1.10 0.00 |
| QUENSBRY_115KV_TB8 356137 | 21.97 1.43 0.00 | 20.23 1.46 0.00 | 17.57 1.35 0.00 | 19.65 1.47 0.00 | 21.92 1.47 0.00 | 22.43 1.43 0.00 | 24.42 1.42 0.00 | 26.04 1.43 0.00 | 24.46 1.15 0.00 | 22.23 0.85 0.00 | 21.76 0.82 0.00 | 21.76 0.82 0.00 | 22.67 0.90 0.00 | 31.25 1.35 0.00 | 32.63 1.81 0.00 | 28.36 1.83 0.00 | 29.63 2.18 0.00 | 28.16 2.13 0.00 | 37.91 2.86 0.00 | 35.17 2.84 0.00 | 31.72 2.53 0.00 | 25.94 1.95 0.00 | 26.10 1.72 0.00 | 23.85 1.49 0.00 |
| RAMAPO___LBMP 323565 | 21.16 0.62 0.00 | 19.31 0.54 0.00 | 16.71 0.49 0.00 | 18.67 0.48 0.00 | 21.00 0.55 0.00 | 21.61 0.60 0.00 | 23.64 0.64 0.00 | 25.34 0.73 0.00 | 24.10 0.80 0.00 | 22.09 0.70 0.00 | 21.64 0.69 0.00 | 21.64 0.69 0.00 | 22.70 0.92 0.00 | 31.31 1.41 0.00 | 32.52 1.70 0.00 | 28.23 1.71 0.00 | 29.25 1.80 0.00 | 27.71 1.69 0.00 | 37.16 2.11 0.00 | 34.22 1.89 0.00 | 30.83 1.65 0.00 | 25.29 1.29 0.00 | 25.37 0.99 0.00 | 23.21 0.85 0.00 |
| RANKINE____ 23646 | 19.43 -1.11 0.00 | 17.83 -0.94 0.00 | 15.33 -0.89 0.00 | 17.20 -0.99 0.00 | 19.36 -1.09 0.00 | 19.90 -1.11 0.00 | 21.89 -1.11 0.00 | 23.43 -1.17 0.00 | 22.21 -1.10 0.00 | 20.69 -0.69 0.00 | 20.27 -0.67 0.00 | 20.27 -0.67 0.00 | 21.38 -0.39 0.00 | 29.68 -0.22 0.00 | 30.33 -0.49 0.00 | 26.07 -0.46 0.00 | 26.59 -0.87 0.00 | 25.02 -1.01 0.00 | 33.89 -1.16 0.00 | 31.05 -1.29 0.00 | 27.97 -1.22 0.00 | 23.06 -0.93 0.00 | 23.42 -0.97 0.00 | 21.28 -1.07 0.00 |
| RAVENSWOOD_GT2_1 24244 | 21.38 0.84 0.00 | 19.52 0.75 0.00 | 16.90 0.68 0.00 | 18.88 0.69 0.00 | 21.22 0.77 0.00 | 21.83 0.82 0.00 | 23.88 0.88 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.21 0.00 | 31.68 1.77 0.00 | 32.94 2.12 0.00 | 28.61 2.08 0.00 | 29.65 2.20 0.00 | 28.08 2.05 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.21 2.02 0.00 | 25.60 1.61 0.00 | 25.68 1.29 0.00 | 23.47 1.12 0.00 |

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| RAVENSWOOD_GT2_2 24245 | 21.38 0.84 0.00 | 19.52 0.75 0.00 | 16.90 0.68 0.00 | 18.88 0.69 0.00 | 21.22 0.77 0.00 | 21.83 0.82 0.00 | 23.88 0.88 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.21 0.00 | 31.68 1.77 0.00 | 32.94 2.12 0.00 | 28.61 2.08 0.00 | 29.65 2.20 0.00 | 28.08 2.05 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.21 2.02 0.00 | 25.60 1.61 0.00 | 25.68 1.29 0.00 | 23.47 1.12 0.00 |
| RAVENSWOOD_GT2_3 24246 | 21.39 0.85 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.89 0.70 0.00 | 21.22 0.78 0.00 | 21.84 0.83 0.00 | 23.90 0.90 0.00 | 25.60 1.00 0.00 | 24.39 1.09 0.00 | 22.37 0.98 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 23.00 1.22 0.00 | 31.70 1.79 0.00 | 32.96 2.14 0.00 | 28.62 2.10 0.00 | 29.67 2.22 0.00 | 28.10 2.07 0.00 | 37.63 2.58 0.00 | 34.65 2.31 0.00 | 31.23 2.05 0.00 | 25.62 1.62 0.00 | 25.68 1.30 0.00 | 23.49 1.13 0.00 |
| RAVENSWOOD_GT2_4 24247 | 21.39 0.85 0.00 | 19.53 0.76 0.00 | 16.91 0.68 0.00 | 18.89 0.70 0.00 | 21.22 0.78 0.00 | 21.84 0.83 0.00 | 23.90 0.90 0.00 | 25.60 1.00 0.00 | 24.39 1.09 0.00 | 22.37 0.98 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 23.00 1.22 0.00 | 31.70 1.79 0.00 | 32.96 2.14 0.00 | 28.62 2.10 0.00 | 29.67 2.22 0.00 | 28.10 2.07 0.00 | 37.63 2.58 0.00 | 34.65 2.31 0.00 | 31.23 2.05 0.00 | 25.62 1.62 0.00 | 25.68 1.30 0.00 | 23.49 1.13 0.00 |
| RAVENSWOOD_GT3_1 24248 | 21.38 0.84 0.00 | 19.52 0.75 0.00 | 16.90 0.68 0.00 | 18.88 0.69 0.00 | 21.22 0.77 0.00 | 21.83 0.82 0.00 | 23.88 0.89 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.21 0.00 | 31.68 1.78 0.00 | 32.94 2.12 0.00 | 28.61 2.08 0.00 | 29.65 2.20 0.00 | 28.08 2.05 0.00 | 37.61 2.56 0.00 | 34.62 2.29 0.00 | 31.21 2.02 0.00 | 25.60 1.61 0.00 | 25.68 1.29 0.00 | 23.48 1.12 0.00 |
| RAVENSWOOD_GT3_2 24249 | 21.38 0.84 0.00 | 19.52 0.75 0.00 | 16.90 0.68 0.00 | 18.88 0.69 0.00 | 21.22 0.77 0.00 | 21.83 0.82 0.00 | 23.88 0.89 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.21 0.00 | 31.68 1.78 0.00 | 32.94 2.12 0.00 | 28.61 2.08 0.00 | 29.65 2.20 0.00 | 28.08 2.05 0.00 | 37.61 2.56 0.00 | 34.62 2.29 0.00 | 31.21 2.02 0.00 | 25.60 1.61 0.00 | 25.68 1.29 0.00 | 23.48 1.12 0.00 |
| RAVENSWOOD_GT3_3 24250 | 21.41 0.88 0.00 | 19.55 0.78 0.00 | 16.93 0.70 0.00 | 18.90 0.72 0.00 | 21.24 0.80 0.00 | 21.86 0.85 0.00 | 23.92 0.92 0.00 | 25.62 1.02 0.00 | 24.42 1.11 0.00 | 22.40 1.02 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.25 0.00 | 31.74 1.83 0.00 | 33.00 2.19 0.00 | 28.66 2.14 0.00 | 29.71 2.25 0.00 | 28.13 2.10 0.00 | 37.68 2.63 0.00 | 34.68 2.34 0.00 | 31.26 2.08 0.00 | 25.65 1.65 0.00 | 25.72 1.33 0.00 | 23.51 1.16 0.00 |
| RAVENSWOOD_GT3_4 24251 | 21.41 0.88 0.00 | 19.55 0.78 0.00 | 16.93 0.70 0.00 | 18.90 0.72 0.00 | 21.24 0.80 0.00 | 21.86 0.85 0.00 | 23.92 0.92 0.00 | 25.62 1.02 0.00 | 24.42 1.11 0.00 | 22.40 1.02 0.00 | 21.95 1.01 0.00 | 21.95 1.01 0.00 | 23.03 1.25 0.00 | 31.74 1.83 0.00 | 33.00 2.19 0.00 | 28.66 2.14 0.00 | 29.71 2.25 0.00 | 28.13 2.10 0.00 | 37.68 2.63 0.00 | 34.68 2.34 0.00 | 31.26 2.08 0.00 | 25.65 1.65 0.00 | 25.72 1.33 0.00 | 23.51 1.16 0.00 |
| RAVENSWOOD_GT_1 23729 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.73 0.00 | 21.25 0.81 0.00 | 21.87 0.86 0.00 | 23.94 0.94 0.00 | 25.64 1.04 0.00 | 24.44 1.14 0.00 | 22.43 1.05 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.05 1.28 0.00 | 31.80 1.89 0.00 | 33.07 2.25 0.00 | 28.73 2.20 0.00 | 29.77 2.31 0.00 | 28.18 2.15 0.00 | 37.73 2.68 0.00 | 34.72 2.38 0.00 | 31.29 2.11 0.00 | 25.68 1.68 0.00 | 25.73 1.34 0.00 | 23.54 1.19 0.00 |
| RAVENSWOOD_GT_10 24258 | 21.38 0.84 0.00 | 19.52 0.75 0.00 | 16.90 0.67 0.00 | 18.88 0.69 0.00 | 21.21 0.77 0.00 | 21.83 0.82 0.00 | 23.88 0.88 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.21 0.00 | 31.67 1.77 0.00 | 32.93 2.11 0.00 | 28.61 2.08 0.00 | 29.65 2.19 0.00 | 28.07 2.04 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.21 2.02 0.00 | 25.60 1.61 0.00 | 25.67 1.29 0.00 | 23.47 1.12 0.00 |
| RAVENSWOOD_GT_11 24259 | 21.38 0.84 0.00 | 19.52 0.75 0.00 | 16.90 0.67 0.00 | 18.88 0.69 0.00 | 21.21 0.77 0.00 | 21.83 0.82 0.00 | 23.88 0.88 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.21 0.00 | 31.67 1.77 0.00 | 32.93 2.11 0.00 | 28.61 2.08 0.00 | 29.65 2.19 0.00 | 28.07 2.04 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.21 2.02 0.00 | 25.60 1.61 0.00 | 25.67 1.29 0.00 | 23.47 1.12 0.00 |
| RAVENSWOOD_GT_4 24252 | 21.38 0.84 0.00 | 19.51 0.74 0.00 | 16.90 0.67 0.00 | 18.87 0.68 0.00 | 21.21 0.76 0.00 | 21.82 0.81 0.00 | 23.87 0.87 0.00 | 25.57 0.97 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.19 0.00 | 31.65 1.74 0.00 | 32.91 2.09 0.00 | 28.59 2.06 0.00 | 29.63 2.17 0.00 | 28.06 2.03 0.00 | 37.58 2.53 0.00 | 34.61 2.27 0.00 | 31.20 2.01 0.00 | 25.59 1.59 0.00 | 25.66 1.28 0.00 | 23.46 1.11 0.00 |
| RAVENSWOOD_GT_5 24254 | 21.38 0.84 0.00 | 19.51 0.74 0.00 | 16.90 0.67 0.00 | 18.87 0.68 0.00 | 21.21 0.76 0.00 | 21.82 0.81 0.00 | 23.87 0.87 0.00 | 25.57 0.97 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.19 0.00 | 31.65 1.74 0.00 | 32.91 2.09 0.00 | 28.59 2.06 0.00 | 29.63 2.17 0.00 | 28.06 2.03 0.00 | 37.58 2.53 0.00 | 34.61 2.27 0.00 | 31.20 2.01 0.00 | 25.59 1.59 0.00 | 25.66 1.28 0.00 | 23.46 1.11 0.00 |
| RAVENSWOOD_GT_6 24253 | 21.38 0.84 0.00 | 19.51 0.74 0.00 | 16.90 0.67 0.00 | 18.87 0.68 0.00 | 21.21 0.76 0.00 | 21.82 0.81 0.00 | 23.87 0.87 0.00 | 25.57 0.97 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.19 0.00 | 31.65 1.74 0.00 | 32.91 2.09 0.00 | 28.59 2.06 0.00 | 29.63 2.17 0.00 | 28.06 2.03 0.00 | 37.58 2.53 0.00 | 34.61 2.27 0.00 | 31.20 2.01 0.00 | 25.59 1.59 0.00 | 25.66 1.28 0.00 | 23.46 1.11 0.00 |
| RAVENSWOOD_GT_7 24255 | 21.38 0.84 0.00 | 19.51 0.74 0.00 | 16.90 0.67 0.00 | 18.87 0.68 0.00 | 21.21 0.76 0.00 | 21.82 0.81 0.00 | 23.87 0.87 0.00 | 25.57 0.97 0.00 | 24.36 1.06 0.00 | 22.35 0.96 0.00 | 21.89 0.94 0.00 | 21.89 0.94 0.00 | 22.97 1.19 0.00 | 31.65 1.74 0.00 | 32.91 2.09 0.00 | 28.59 2.06 0.00 | 29.63 2.17 0.00 | 28.06 2.03 0.00 | 37.58 2.53 0.00 | 34.61 2.27 0.00 | 31.20 2.01 0.00 | 25.59 1.59 0.00 | 25.66 1.28 0.00 | 23.46 1.11 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 21.38 0.84 0.00 | 19.52 0.75 0.00 | 16.90 0.67 0.00 | 18.88 0.69 0.00 | 21.21 0.77 0.00 | 21.83 0.82 0.00 | 23.88 0.88 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.21 0.00 | 31.67 1.77 0.00 | 32.93 2.11 0.00 | 28.61 2.08 0.00 | 29.65 2.19 0.00 | 28.07 2.04 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.21 2.02 0.00 | 25.60 1.61 0.00 | 25.67 1.29 0.00 | 23.47 1.12 0.00 |

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| RAVENSWOOD_GT_9 24257 | 21.38 0.84 0.00 | 19.52 0.75 0.00 | 16.90 0.67 0.00 | 18.88 0.69 0.00 | 21.21 0.77 0.00 | 21.83 0.82 0.00 | 23.88 0.88 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.36 0.97 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.21 0.00 | 31.67 1.77 0.00 | 32.93 2.11 0.00 | 28.61 2.08 0.00 | 29.65 2.19 0.00 | 28.07 2.04 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.21 2.02 0.00 | 25.60 1.61 0.00 | 25.67 1.29 0.00 | 23.47 1.12 0.00 |
| RAVENSWOOD___1 23533 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.26 0.81 0.00 | 21.87 0.86 0.00 | 23.94 0.94 0.00 | 25.64 1.04 0.00 | 24.45 1.15 0.00 | 22.43 1.05 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.05 1.28 0.00 | 31.80 1.90 0.00 | 33.07 2.25 0.00 | 28.72 2.20 0.00 | 29.77 2.31 0.00 | 28.18 2.15 0.00 | 37.73 2.68 0.00 | 34.72 2.38 0.00 | 31.29 2.11 0.00 | 25.68 1.69 0.00 | 25.73 1.34 0.00 | 23.54 1.19 0.00 |
| RAVENSWOOD___2 23534 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.26 0.81 0.00 | 21.87 0.86 0.00 | 23.94 0.94 0.00 | 25.64 1.04 0.00 | 24.45 1.15 0.00 | 22.43 1.05 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.05 1.28 0.00 | 31.80 1.90 0.00 | 33.07 2.25 0.00 | 28.72 2.20 0.00 | 29.77 2.31 0.00 | 28.18 2.15 0.00 | 37.73 2.68 0.00 | 34.72 2.38 0.00 | 31.29 2.11 0.00 | 25.68 1.69 0.00 | 25.73 1.34 0.00 | 23.54 1.19 0.00 |
| RAVENSWOOD___3 23535 | 21.39 0.85 0.00 | 19.52 0.75 0.00 | 16.90 0.68 0.00 | 18.88 0.69 0.00 | 21.21 0.77 0.00 | 21.83 0.82 0.00 | 23.88 0.89 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.37 0.98 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.99 1.21 0.00 | 31.68 1.78 0.00 | 32.94 2.12 0.00 | 28.61 2.09 0.00 | 29.65 2.19 0.00 | 28.08 2.05 0.00 | 37.61 2.56 0.00 | 34.62 2.29 0.00 | 31.21 2.03 0.00 | 25.61 1.62 0.00 | 25.67 1.29 0.00 | 23.48 1.12 0.00 |
| RAVENSWOOD___4 23820 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.74 0.00 | 21.26 0.81 0.00 | 21.87 0.86 0.00 | 23.94 0.94 0.00 | 25.64 1.04 0.00 | 24.45 1.15 0.00 | 22.43 1.05 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.05 1.28 0.00 | 31.80 1.90 0.00 | 33.07 2.25 0.00 | 28.72 2.20 0.00 | 29.77 2.31 0.00 | 28.18 2.15 0.00 | 37.73 2.68 0.00 | 34.72 2.38 0.00 | 31.29 2.11 0.00 | 25.68 1.69 0.00 | 25.73 1.34 0.00 | 23.54 1.19 0.00 |
| RCPI_TRUST___DRP 24196 | 21.38 0.84 0.00 | 19.52 0.74 0.00 | 16.90 0.67 0.00 | 18.87 0.68 0.00 | 21.21 0.76 0.00 | 21.82 0.81 0.00 | 23.88 0.88 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.37 0.98 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.99 1.22 0.00 | 31.70 1.79 0.00 | 32.95 2.14 0.00 | 28.62 2.09 0.00 | 29.66 2.21 0.00 | 28.08 2.05 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.20 2.02 0.00 | 25.59 1.59 0.00 | 25.66 1.28 0.00 | 23.46 1.11 0.00 |
| RED___ROCHESTER 323720 | 19.92 -0.62 0.00 | 18.24 -0.53 0.00 | 15.70 -0.52 0.00 | 17.60 -0.58 0.00 | 19.80 -0.64 0.00 | 20.37 -0.64 0.00 | 22.36 -0.64 0.00 | 23.91 -0.69 0.00 | 22.63 -0.67 0.00 | 20.96 -0.43 0.00 | 20.53 -0.42 0.00 | 20.53 -0.42 0.00 | 21.54 -0.23 0.00 | 29.83 -0.08 0.00 | 30.61 -0.20 0.00 | 26.36 -0.17 0.00 | 27.07 -0.39 0.00 | 25.58 -0.45 0.00 | 34.67 -0.38 0.00 | 31.83 -0.50 0.00 | 28.67 -0.52 0.00 | 23.55 -0.44 0.00 | 23.88 -0.51 0.00 | 21.73 -0.62 0.00 |
| REGAN___SOLAR 323812 | 21.70 1.16 0.00 | 19.79 1.02 0.00 | 17.09 0.87 0.00 | 19.13 0.94 0.00 | 21.53 1.08 0.00 | 22.15 1.14 0.00 | 24.31 1.31 0.00 | 25.74 1.14 0.00 | 23.80 0.50 0.00 | 21.50 0.12 0.00 | 21.05 0.11 0.00 | 21.05 0.11 0.00 | 21.86 0.08 0.00 | 30.08 0.18 0.00 | 31.06 0.24 0.00 | 26.82 0.30 0.00 | 27.99 0.53 0.00 | 26.72 0.69 0.00 | 37.01 1.95 0.00 | 34.62 2.28 0.00 | 31.25 2.07 0.00 | 25.64 1.65 0.00 | 25.90 1.52 0.00 | 23.67 1.32 0.00 |
| RENSSELAER___COGEN 23796 | 20.92 0.38 0.00 | 19.16 0.39 0.00 | 16.63 0.41 0.00 | 18.59 0.41 0.00 | 20.86 0.41 0.00 | 21.37 0.37 0.00 | 23.30 0.30 0.00 | 24.88 0.28 0.00 | 23.61 0.31 0.00 | 21.56 0.17 0.00 | 21.11 0.17 0.00 | 21.11 0.17 0.00 | 21.91 0.14 0.00 | 29.96 0.06 0.00 | 31.14 0.32 0.00 | 26.93 0.40 0.00 | 28.03 0.57 0.00 | 26.59 0.56 0.00 | 35.78 0.72 0.00 | 33.19 0.85 0.00 | 29.93 0.75 0.00 | 24.53 0.54 0.00 | 24.65 0.27 0.00 | 22.58 0.23 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 22.49 1.95 0.00 | 20.94 2.17 0.00 | 18.29 2.06 0.00 | 20.44 2.25 0.00 | 22.86 2.41 0.00 | 23.32 2.31 0.00 | 25.24 2.25 0.00 | 26.95 2.35 0.00 | 25.09 1.79 0.00 | 22.74 1.35 0.00 | 22.26 1.32 0.00 | 22.26 1.32 0.00 | 23.25 1.47 0.00 | 32.20 2.29 0.00 | 33.91 3.09 0.00 | 29.58 3.05 0.00 | 31.04 3.59 0.00 | 29.43 3.40 0.00 | 39.45 4.39 0.00 | 36.62 4.28 0.00 | 33.11 3.93 0.00 | 27.10 3.10 0.00 | 27.02 2.63 0.00 | 24.83 2.48 0.00 |
| REVERE_CPPR_DRP 24186 | 20.80 0.25 0.00 | 18.97 0.20 0.00 | 16.37 0.14 0.00 | 18.39 0.20 0.00 | 20.71 0.26 0.00 | 21.32 0.31 0.00 | 23.44 0.44 0.00 | 25.12 0.52 0.00 | 23.75 0.45 0.00 | 21.75 0.37 0.00 | 21.28 0.34 0.00 | 21.28 0.34 0.00 | 22.06 0.29 0.00 | 30.28 0.38 0.00 | 31.30 0.48 0.00 | 26.98 0.45 0.00 | 27.92 0.46 0.00 | 26.65 0.62 0.00 | 36.16 1.10 0.00 | 33.34 1.00 0.00 | 30.10 0.92 0.00 | 24.72 0.73 0.00 | 25.02 0.63 0.00 | 22.81 0.46 0.00 |
| REYNOLDS_115KV_TB3 80639 | 21.09 0.55 0.00 | 19.31 0.53 0.00 | 16.76 0.53 0.00 | 18.73 0.55 0.00 | 21.02 0.58 0.00 | 21.54 0.53 0.00 | 23.48 0.48 0.00 | 25.06 0.46 0.00 | 23.76 0.46 0.00 | 21.69 0.30 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.03 0.25 0.00 | 30.14 0.24 0.00 | 31.34 0.53 0.00 | 27.09 0.56 0.00 | 28.19 0.74 0.00 | 26.75 0.72 0.00 | 35.99 0.94 0.00 | 33.42 1.08 0.00 | 30.14 0.96 0.00 | 24.70 0.71 0.00 | 24.82 0.43 0.00 | 22.75 0.39 0.00 |
| RIVERBAY____ 323610 | 21.39 0.85 0.00 | 19.55 0.77 0.00 | 16.92 0.69 0.00 | 18.90 0.71 0.00 | 21.24 0.79 0.00 | 21.83 0.82 0.00 | 23.91 0.92 0.00 | 25.62 1.02 0.00 | 24.40 1.10 0.00 | 22.38 0.99 0.00 | 21.93 0.98 0.00 | 21.93 0.98 0.00 | 22.95 1.18 0.00 | 31.67 1.77 0.00 | 32.95 2.13 0.00 | 28.62 2.09 0.00 | 29.68 2.22 0.00 | 28.09 2.06 0.00 | 37.63 2.58 0.00 | 34.65 2.31 0.00 | 31.24 2.06 0.00 | 25.64 1.65 0.00 | 25.69 1.30 0.00 | 23.52 1.17 0.00 |
| RIVERSDE_115KV_TB3 55908 | 21.02 0.48 0.00 | 19.25 0.47 0.00 | 16.71 0.48 0.00 | 18.68 0.49 0.00 | 20.96 0.51 0.00 | 21.47 0.46 0.00 | 23.41 0.41 0.00 | 24.99 0.39 0.00 | 23.71 0.41 0.00 | 21.65 0.26 0.00 | 21.20 0.25 0.00 | 21.20 0.25 0.00 | 22.00 0.23 0.00 | 30.10 0.19 0.00 | 31.28 0.47 0.00 | 27.05 0.52 0.00 | 28.16 0.71 0.00 | 26.71 0.68 0.00 | 35.94 0.89 0.00 | 33.34 1.01 0.00 | 30.07 0.89 0.00 | 24.64 0.65 0.00 | 24.76 0.38 0.00 | 22.68 0.33 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 20.15 -0.39 0.00 | 18.39 -0.39 0.00 | 15.84 -0.38 0.00 | 17.87 -0.31 0.00 | 20.14 -0.30 0.00 | 20.74 -0.26 0.00 | 22.76 -0.23 0.00 | 24.43 -0.17 0.00 | 23.19 -0.11 0.00 | 21.38 0.00 0.00 | 20.94 0.00 0.00 | 20.94 0.00 0.00 | 21.76 -0.01 0.00 | 29.87 -0.04 0.00 | 30.67 -0.15 0.00 | 26.24 -0.29 0.00 | 27.08 -0.37 0.00 | 25.69 -0.34 0.00 | 34.65 -0.41 0.00 | 31.90 -0.44 0.00 | 28.72 -0.47 0.00 | 23.64 -0.35 0.00 | 24.18 -0.20 0.00 | 22.20 -0.15 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 19.72 -0.81 0.00 | 18.07 -0.70 0.00 | 15.56 -0.67 0.00 | 17.44 -0.74 0.00 | 19.62 -0.82 0.00 | 20.18 -0.83 0.00 | 22.14 -0.85 0.00 | 23.69 -0.91 0.00 | 22.41 -0.89 0.00 | 20.75 -0.64 0.00 | 20.32 -0.63 0.00 | 20.32 -0.63 0.00 | 21.30 -0.48 0.00 | 29.46 -0.44 0.00 | 30.22 -0.59 0.00 | 26.02 -0.51 0.00 | 26.70 -0.75 0.00 | 25.23 -0.80 0.00 | 34.17 -0.89 0.00 | 31.38 -0.96 0.00 | 28.28 -0.90 0.00 | 23.26 -0.73 0.00 | 23.59 -0.79 0.00 | 21.50 -0.86 0.00 |
| ROCHESTER_9_IC 23652 | 19.83 -0.71 0.00 | 18.16 -0.61 0.00 | 15.64 -0.59 0.00 | 17.53 -0.65 0.00 | 19.72 -0.73 0.00 | 20.28 -0.73 0.00 | 22.26 -0.74 0.00 | 23.81 -0.79 0.00 | 22.53 -0.77 0.00 | 20.86 -0.53 0.00 | 20.42 -0.52 0.00 | 20.42 -0.52 0.00 | 21.42 -0.35 0.00 | 29.65 -0.25 0.00 | 30.43 -0.39 0.00 | 26.20 -0.33 0.00 | 26.89 -0.56 0.00 | 25.41 -0.62 0.00 | 34.43 -0.63 0.00 | 31.62 -0.72 0.00 | 28.48 -0.70 0.00 | 23.41 -0.58 0.00 | 23.73 -0.65 0.00 | 21.62 -0.73 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 21.42 0.88 0.00 | 19.55 0.78 0.00 | 16.92 0.70 0.00 | 18.90 0.72 0.00 | 21.25 0.80 0.00 | 21.86 0.86 0.00 | 23.92 0.93 0.00 | 25.62 1.02 0.00 | 24.40 1.09 0.00 | 22.37 0.98 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.98 1.21 0.00 | 31.67 1.77 0.00 | 32.92 2.10 0.00 | 28.60 2.07 0.00 | 29.65 2.20 0.00 | 28.08 2.05 0.00 | 37.63 2.58 0.00 | 34.66 2.32 0.00 | 31.23 2.04 0.00 | 25.61 1.62 0.00 | 25.69 1.31 0.00 | 23.48 1.13 0.00 |
| ROME____115KV_TB2 80656 | 20.80 0.25 0.00 | 18.97 0.20 0.00 | 16.37 0.14 0.00 | 18.39 0.20 0.00 | 20.71 0.26 0.00 | 21.32 0.31 0.00 | 23.44 0.44 0.00 | 25.12 0.52 0.00 | 23.75 0.45 0.00 | 21.75 0.37 0.00 | 21.28 0.34 0.00 | 21.28 0.34 0.00 | 22.06 0.29 0.00 | 30.28 0.38 0.00 | 31.30 0.48 0.00 | 26.98 0.45 0.00 | 27.92 0.46 0.00 | 26.65 0.62 0.00 | 36.16 1.10 0.00 | 33.34 1.00 0.00 | 30.10 0.92 0.00 | 24.72 0.73 0.00 | 25.02 0.63 0.00 | 22.81 0.46 0.00 |
| ROSETON____1 23587 | 21.18 0.64 0.00 | 19.35 0.58 0.00 | 16.76 0.53 0.00 | 18.72 0.54 0.00 | 21.04 0.60 0.00 | 21.64 0.64 0.00 | 23.67 0.67 0.00 | 25.34 0.74 0.00 | 24.08 0.78 0.00 | 22.05 0.66 0.00 | 21.59 0.65 0.00 | 21.59 0.65 0.00 | 22.59 0.81 0.00 | 31.09 1.18 0.00 | 32.30 1.48 0.00 | 28.03 1.51 0.00 | 29.08 1.62 0.00 | 27.55 1.52 0.00 | 36.98 1.92 0.00 | 34.10 1.76 0.00 | 30.73 1.55 0.00 | 25.21 1.21 0.00 | 25.31 0.93 0.00 | 23.14 0.79 0.00 |
| ROSETON____2 23588 | 21.18 0.64 0.00 | 19.35 0.58 0.00 | 16.76 0.53 0.00 | 18.72 0.54 0.00 | 21.04 0.60 0.00 | 21.64 0.64 0.00 | 23.67 0.67 0.00 | 25.34 0.74 0.00 | 24.08 0.78 0.00 | 22.05 0.66 0.00 | 21.59 0.65 0.00 | 21.59 0.65 0.00 | 22.59 0.81 0.00 | 31.09 1.18 0.00 | 32.30 1.48 0.00 | 28.03 1.51 0.00 | 29.08 1.62 0.00 | 27.55 1.52 0.00 | 36.98 1.92 0.00 | 34.10 1.76 0.00 | 30.73 1.55 0.00 | 25.21 1.21 0.00 | 25.31 0.93 0.00 | 23.14 0.79 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 21.18 0.64 0.00 | 19.37 0.60 0.00 | 16.78 0.55 0.00 | 18.78 0.60 0.00 | 21.09 0.64 0.00 | 21.64 0.63 0.00 | 23.64 0.64 0.00 | 25.25 0.65 0.00 | 23.87 0.56 0.00 | 21.78 0.40 0.00 | 21.32 0.38 0.00 | 21.32 0.38 0.00 | 22.16 0.39 0.00 | 30.44 0.53 0.00 | 31.57 0.75 0.00 | 27.31 0.78 0.00 | 28.39 0.93 0.00 | 26.94 0.91 0.00 | 36.33 1.27 0.00 | 33.65 1.31 0.00 | 30.32 1.13 0.00 | 24.78 0.79 0.00 | 24.97 0.58 0.00 | 22.85 0.50 0.00 |
| RUSSELL____1 23602 | 19.92 -0.62 0.00 | 18.24 -0.53 0.00 | 15.71 -0.52 0.00 | 17.60 -0.58 0.00 | 19.80 -0.64 0.00 | 20.37 -0.64 0.00 | 22.35 -0.64 0.00 | 23.91 -0.69 0.00 | 22.63 -0.67 0.00 | 20.96 -0.43 0.00 | 20.53 -0.42 0.00 | 20.53 -0.42 0.00 | 21.54 -0.24 0.00 | 29.82 -0.08 0.00 | 30.61 -0.21 0.00 | 26.36 -0.17 0.00 | 27.07 -0.39 0.00 | 25.58 -0.45 0.00 | 34.67 -0.38 0.00 | 31.83 -0.50 0.00 | 28.67 -0.52 0.00 | 23.56 -0.44 0.00 | 23.87 -0.51 0.00 | 21.73 -0.62 0.00 |
| RUSSELL____2 23532 | 19.92 -0.62 0.00 | 18.24 -0.53 0.00 | 15.71 -0.52 0.00 | 17.60 -0.58 0.00 | 19.80 -0.64 0.00 | 20.37 -0.64 0.00 | 22.35 -0.64 0.00 | 23.91 -0.69 0.00 | 22.63 -0.67 0.00 | 20.96 -0.43 0.00 | 20.53 -0.42 0.00 | 20.53 -0.42 0.00 | 21.54 -0.24 0.00 | 29.82 -0.08 0.00 | 30.61 -0.21 0.00 | 26.36 -0.17 0.00 | 27.07 -0.39 0.00 | 25.58 -0.45 0.00 | 34.67 -0.38 0.00 | 31.83 -0.50 0.00 | 28.67 -0.52 0.00 | 23.56 -0.44 0.00 | 23.87 -0.51 0.00 | 21.73 -0.62 0.00 |
| RUSSELL____3 23549 | 19.92 -0.62 0.00 | 18.24 -0.53 0.00 | 15.71 -0.52 0.00 | 17.60 -0.58 0.00 | 19.80 -0.64 0.00 | 20.37 -0.64 0.00 | 22.35 -0.64 0.00 | 23.91 -0.69 0.00 | 22.63 -0.67 0.00 | 20.96 -0.43 0.00 | 20.53 -0.42 0.00 | 20.53 -0.42 0.00 | 21.54 -0.24 0.00 | 29.82 -0.08 0.00 | 30.61 -0.21 0.00 | 26.36 -0.17 0.00 | 27.07 -0.39 0.00 | 25.58 -0.45 0.00 | 34.67 -0.38 0.00 | 31.83 -0.50 0.00 | 28.67 -0.52 0.00 | 23.56 -0.44 0.00 | 23.87 -0.51 0.00 | 21.73 -0.62 0.00 |
| RUSSELL____4 23556 | 19.92 -0.62 0.00 | 18.24 -0.53 0.00 | 15.71 -0.52 0.00 | 17.60 -0.58 0.00 | 19.80 -0.64 0.00 | 20.37 -0.64 0.00 | 22.35 -0.64 0.00 | 23.91 -0.69 0.00 | 22.63 -0.67 0.00 | 20.96 -0.43 0.00 | 20.53 -0.42 0.00 | 20.53 -0.42 0.00 | 21.54 -0.24 0.00 | 29.82 -0.08 0.00 | 30.61 -0.21 0.00 | 26.36 -0.17 0.00 | 27.07 -0.39 0.00 | 25.58 -0.45 0.00 | 34.67 -0.38 0.00 | 31.83 -0.50 0.00 | 28.67 -0.52 0.00 | 23.56 -0.44 0.00 | 23.87 -0.51 0.00 | 21.73 -0.62 0.00 |
| RUSSELL____STATION 23914 | 19.92 -0.62 0.00 | 18.24 -0.53 0.00 | 15.71 -0.52 0.00 | 17.60 -0.58 0.00 | 19.80 -0.64 0.00 | 20.37 -0.64 0.00 | 22.35 -0.64 0.00 | 23.91 -0.69 0.00 | 22.63 -0.67 0.00 | 20.96 -0.43 0.00 | 20.53 -0.42 0.00 | 20.53 -0.42 0.00 | 21.54 -0.24 0.00 | 29.82 -0.08 0.00 | 30.61 -0.21 0.00 | 26.36 -0.17 0.00 | 27.07 -0.39 0.00 | 25.58 -0.45 0.00 | 34.67 -0.38 0.00 | 31.83 -0.50 0.00 | 28.67 -0.52 0.00 | 23.56 -0.44 0.00 | 23.87 -0.51 0.00 | 21.73 -0.62 0.00 |
| S SALMON____HYD 24043 | 19.71 -0.82 0.00 | 17.99 -0.78 0.00 | 15.51 -0.71 0.00 | 17.44 -0.74 0.00 | 19.69 -0.76 0.00 | 20.24 -0.77 0.00 | 22.23 -0.77 0.00 | 23.85 -0.75 0.00 | 22.64 -0.66 0.00 | 20.79 -0.59 0.00 | 20.36 -0.59 0.00 | 20.36 -0.59 0.00 | 21.06 -0.71 0.00 | 28.88 -1.03 0.00 | 29.74 -1.08 0.00 | 25.60 -0.93 0.00 | 26.44 -1.01 0.00 | 25.26 -0.77 0.00 | 34.21 -0.85 0.00 | 31.55 -0.79 0.00 | 28.44 -0.75 0.00 | 23.36 -0.64 0.00 | 23.69 -0.70 0.00 | 21.65 -0.70 0.00 |
| S.PERRY__115KV_TB1 80734 | 20.26 -0.27 0.00 | 18.55 -0.23 0.00 | 15.96 -0.26 0.00 | 17.92 -0.27 0.00 | 20.18 -0.26 0.00 | 20.76 -0.25 0.00 | 22.87 -0.13 0.00 | 24.51 -0.09 0.00 | 23.03 -0.27 0.00 | 21.22 -0.17 0.00 | 20.76 -0.19 0.00 | 20.76 -0.19 0.00 | 21.78 0.00 0.00 | 30.16 0.25 0.00 | 31.13 0.32 0.00 | 26.81 0.28 0.00 | 27.43 -0.02 0.00 | 25.91 -0.12 0.00 | 35.18 0.12 0.00 | 32.69 0.35 0.00 | 29.57 0.39 0.00 | 24.29 0.29 0.00 | 24.55 0.17 0.00 | 22.27 -0.08 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 19.22 -1.31 0.00 | 17.65 -1.12 0.00 | 15.18 -1.05 0.00 | 17.02 -1.16 0.00 | 19.15 -1.30 0.00 | 19.68 -1.33 0.00 | 21.63 -1.37 0.00 | 23.14 -1.46 0.00 | 21.92 -1.38 0.00 | 20.44 -0.95 0.00 | 20.02 -0.92 0.00 | 20.02 -0.92 0.00 | 21.11 -0.67 0.00 | 29.30 -0.60 0.00 | 29.90 -0.92 0.00 | 25.68 -0.85 0.00 | 26.18 -1.28 0.00 | 24.62 -1.41 0.00 | 33.38 -1.68 0.00 | 30.58 -1.76 0.00 | 27.56 -1.63 0.00 | 22.74 -1.26 0.00 | 23.12 -1.26 0.00 | 21.03 -1.32 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 19.22 -1.31 0.00 | 17.65 -1.12 0.00 | 15.18 -1.05 0.00 | 17.02 -1.16 0.00 | 19.15 -1.30 0.00 | 19.68 -1.33 0.00 | 21.63 -1.37 0.00 | 23.14 -1.46 0.00 | 21.92 -1.38 0.00 | 20.44 -0.95 0.00 | 20.02 -0.92 0.00 | 20.02 -0.92 0.00 | 21.11 -0.67 0.00 | 29.30 -0.60 0.00 | 29.90 -0.92 0.00 | 25.68 -0.85 0.00 | 26.18 -1.28 0.00 | 24.62 -1.41 0.00 | 33.38 -1.68 0.00 | 30.58 -1.76 0.00 | 27.56 -1.63 0.00 | 22.74 -1.26 0.00 | 23.12 -1.26 0.00 | 21.03 -1.32 0.00 |
| SELKIRK___I 23801 | 21.11 0.57 0.00 | 19.34 0.57 0.00 | 16.78 0.56 0.00 | 18.79 0.60 0.00 | 21.09 0.64 0.00 | 21.62 0.61 0.00 | 23.58 0.58 0.00 | 25.16 0.56 0.00 | 23.81 0.50 0.00 | 21.72 0.33 0.00 | 21.26 0.31 0.00 | 21.26 0.31 0.00 | 22.01 0.23 0.00 | 30.14 0.23 0.00 | 31.22 0.41 0.00 | 27.05 0.53 0.00 | 28.19 0.73 0.00 | 26.76 0.73 0.00 | 36.06 1.00 0.00 | 33.45 1.11 0.00 | 30.18 1.00 0.00 | 24.72 0.73 0.00 | 24.87 0.48 0.00 | 22.78 0.43 0.00 |
| SELKIRK___II 23799 | 20.97 0.43 0.00 | 19.19 0.42 0.00 | 16.65 0.43 0.00 | 18.62 0.44 0.00 | 20.91 0.46 0.00 | 21.44 0.43 0.00 | 23.39 0.39 0.00 | 24.98 0.38 0.00 | 23.69 0.38 0.00 | 21.65 0.26 0.00 | 21.20 0.25 0.00 | 21.20 0.25 0.00 | 22.00 0.23 0.00 | 30.13 0.23 0.00 | 31.27 0.46 0.00 | 27.04 0.52 0.00 | 28.12 0.67 0.00 | 26.68 0.65 0.00 | 35.91 0.85 0.00 | 33.27 0.93 0.00 | 30.01 0.83 0.00 | 24.58 0.59 0.00 | 24.73 0.35 0.00 | 22.65 0.30 0.00 |
| SENECA OSWGO___HYD 24041 | 20.11 -0.43 0.00 | 18.37 -0.40 0.00 | 15.86 -0.36 0.00 | 17.79 -0.40 0.00 | 20.02 -0.43 0.00 | 20.57 -0.43 0.00 | 22.54 -0.46 0.00 | 24.08 -0.52 0.00 | 22.81 -0.49 0.00 | 20.95 -0.44 0.00 | 20.50 -0.44 0.00 | 20.50 -0.44 0.00 | 21.25 -0.52 0.00 | 29.16 -0.74 0.00 | 30.07 -0.74 0.00 | 25.95 -0.58 0.00 | 26.86 -0.60 0.00 | 25.54 -0.49 0.00 | 34.44 -0.61 0.00 | 31.77 -0.57 0.00 | 28.66 -0.52 0.00 | 23.55 -0.44 0.00 | 23.84 -0.54 0.00 | 21.81 -0.54 0.00 |
| SENECA___115KV_TB3 355854 | 19.45 -1.09 0.00 | 17.86 -0.91 0.00 | 15.36 -0.87 0.00 | 17.23 -0.95 0.00 | 19.39 -1.06 0.00 | 19.93 -1.08 0.00 | 21.92 -1.07 0.00 | 23.47 -1.14 0.00 | 22.24 -1.06 0.00 | 20.73 -0.66 0.00 | 20.30 -0.65 0.00 | 20.30 -0.65 0.00 | 21.42 -0.36 0.00 | 29.73 -0.17 0.00 | 30.38 -0.44 0.00 | 26.12 -0.41 0.00 | 26.64 -0.81 0.00 | 25.07 -0.96 0.00 | 33.95 -1.10 0.00 | 31.10 -1.24 0.00 | 28.02 -1.16 0.00 | 23.10 -0.89 0.00 | 23.46 -0.93 0.00 | 21.31 -1.04 0.00 |
| SENECA___ENERGY 23797 | 20.08 -0.45 0.00 | 18.39 -0.39 0.00 | 15.86 -0.36 0.00 | 17.78 -0.40 0.00 | 20.00 -0.45 0.00 | 20.58 -0.43 0.00 | 22.59 -0.41 0.00 | 24.21 -0.39 0.00 | 22.90 -0.40 0.00 | 21.04 -0.35 0.00 | 20.59 -0.36 0.00 | 20.59 -0.36 0.00 | 21.47 -0.31 0.00 | 29.64 -0.26 0.00 | 30.58 -0.24 0.00 | 26.41 -0.12 0.00 | 27.31 -0.15 0.00 | 25.83 -0.20 0.00 | 34.89 -0.16 0.00 | 32.18 -0.16 0.00 | 28.98 -0.20 0.00 | 23.82 -0.17 0.00 | 24.06 -0.33 0.00 | 21.92 -0.43 0.00 |
| SHOEMAKER___GT 23640 | 21.08 0.55 0.00 | 19.25 0.48 0.00 | 16.66 0.44 0.00 | 18.62 0.44 0.00 | 20.94 0.50 0.00 | 21.54 0.53 0.00 | 23.57 0.57 0.00 | 25.24 0.64 0.00 | 23.95 0.65 0.00 | 21.92 0.54 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.44 0.66 0.00 | 30.88 0.97 0.00 | 32.06 1.25 0.00 | 27.81 1.28 0.00 | 28.86 1.40 0.00 | 27.37 1.34 0.00 | 36.78 1.73 0.00 | 33.93 1.59 0.00 | 30.58 1.40 0.00 | 25.10 1.11 0.00 | 25.23 0.84 0.00 | 23.06 0.71 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 21.07 0.54 0.00 | 19.25 0.47 0.00 | 16.65 0.43 0.00 | 18.61 0.43 0.00 | 20.93 0.48 0.00 | 21.53 0.52 0.00 | 23.56 0.56 0.00 | 25.22 0.62 0.00 | 23.95 0.65 0.00 | 21.93 0.54 0.00 | 21.47 0.52 0.00 | 21.47 0.52 0.00 | 22.45 0.68 0.00 | 30.92 1.01 0.00 | 32.09 1.27 0.00 | 27.84 1.31 0.00 | 28.87 1.42 0.00 | 27.38 1.35 0.00 | 36.79 1.73 0.00 | 33.93 1.59 0.00 | 30.58 1.39 0.00 | 25.09 1.10 0.00 | 25.22 0.83 0.00 | 23.06 0.70 0.00 |
| SHOREHAM_IC_1 23715 | 21.43 0.89 0.00 | 19.56 0.79 0.00 | 17.01 0.79 0.00 | 18.97 0.78 0.00 | 21.33 0.89 0.00 | 22.07 1.06 0.00 | 24.25 1.25 0.00 | 25.93 1.32 0.00 | 24.57 1.27 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 26.04 1.30 -2.97 | 32.45 1.86 -0.68 | 33.97 2.28 -0.87 | 34.86 2.30 -6.03 | 29.94 2.48 0.00 | 28.36 2.33 0.00 | 37.97 2.91 0.00 | 34.93 2.60 0.00 | 31.51 2.32 0.00 | 25.78 1.78 0.00 | 26.19 1.52 -0.29 | 23.50 1.15 0.00 |
| SHOREHAM_IC_2 23716 | 21.43 0.89 0.00 | 19.56 0.79 0.00 | 17.01 0.79 0.00 | 18.97 0.78 0.00 | 21.33 0.89 0.00 | 22.07 1.06 0.00 | 24.25 1.25 0.00 | 25.93 1.32 0.00 | 24.57 1.27 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 26.04 1.30 -2.97 | 32.45 1.86 -0.68 | 33.97 2.28 -0.87 | 34.86 2.30 -6.03 | 29.94 2.48 0.00 | 28.36 2.33 0.00 | 37.97 2.91 0.00 | 34.93 2.60 0.00 | 31.51 2.32 0.00 | 25.78 1.78 0.00 | 26.19 1.52 -0.29 | 23.50 1.15 0.00 |
| SISSONVILLE____ 23735 | 20.00 -0.54 0.00 | 18.25 -0.52 0.00 | 15.72 -0.50 0.00 | 17.66 -0.53 0.00 | 19.91 -0.54 0.00 | 20.50 -0.50 0.00 | 22.56 -0.44 0.00 | 24.31 -0.29 0.00 | 22.97 -0.33 0.00 | 21.11 -0.27 0.00 | 20.69 -0.25 0.00 | 20.69 -0.25 0.00 | 21.46 -0.31 0.00 | 29.45 -0.45 0.00 | 30.18 -0.64 0.00 | 25.78 -0.75 0.00 | 26.52 -0.93 0.00 | 25.17 -0.86 0.00 | 34.05 -1.00 0.00 | 31.47 -0.87 0.00 | 28.42 -0.76 0.00 | 23.32 -0.67 0.00 | 24.04 -0.34 0.00 | 22.09 -0.26 0.00 |
| SITHE_IND_GS1 24169 | 19.97 -0.57 0.00 | 18.26 -0.51 0.00 | 15.77 -0.45 0.00 | 17.68 -0.51 0.00 | 19.89 -0.57 0.00 | 20.44 -0.57 0.00 | 22.36 -0.63 0.00 | 23.89 -0.71 0.00 | 22.63 -0.67 0.00 | 20.81 -0.58 0.00 | 20.38 -0.56 0.00 | 20.38 -0.56 0.00 | 21.12 -0.65 0.00 | 28.94 -0.96 0.00 | 29.83 -0.99 0.00 | 25.71 -0.82 0.00 | 26.60 -0.86 0.00 | 25.23 -0.80 0.00 | 34.02 -1.04 0.00 | 31.37 -0.97 0.00 | 28.30 -0.88 0.00 | 23.26 -0.73 0.00 | 23.59 -0.79 0.00 | 21.62 -0.74 0.00 |
| SITHE_IND_GS2 24170 | 19.97 -0.57 0.00 | 18.26 -0.51 0.00 | 15.77 -0.45 0.00 | 17.68 -0.51 0.00 | 19.89 -0.57 0.00 | 20.44 -0.57 0.00 | 22.36 -0.63 0.00 | 23.89 -0.71 0.00 | 22.63 -0.67 0.00 | 20.81 -0.58 0.00 | 20.38 -0.56 0.00 | 20.38 -0.56 0.00 | 21.12 -0.65 0.00 | 28.94 -0.96 0.00 | 29.83 -0.99 0.00 | 25.71 -0.82 0.00 | 26.60 -0.86 0.00 | 25.23 -0.80 0.00 | 34.02 -1.04 0.00 | 31.37 -0.97 0.00 | 28.30 -0.88 0.00 | 23.26 -0.73 0.00 | 23.59 -0.79 0.00 | 21.62 -0.74 0.00 |
| SITHE_IND_GS3 24171 | 19.97 -0.57 0.00 | 18.26 -0.51 0.00 | 15.77 -0.45 0.00 | 17.68 -0.51 0.00 | 19.89 -0.57 0.00 | 20.44 -0.57 0.00 | 22.36 -0.63 0.00 | 23.89 -0.71 0.00 | 22.63 -0.67 0.00 | 20.81 -0.58 0.00 | 20.38 -0.56 0.00 | 20.38 -0.56 0.00 | 21.12 -0.65 0.00 | 28.94 -0.96 0.00 | 29.83 -0.99 0.00 | 25.71 -0.82 0.00 | 26.60 -0.86 0.00 | 25.23 -0.80 0.00 | 34.02 -1.04 0.00 | 31.37 -0.97 0.00 | 28.30 -0.88 0.00 | 23.26 -0.73 0.00 | 23.59 -0.79 0.00 | 21.62 -0.74 0.00 |
| SITHE_IND_GS4 24172 | 19.97 -0.57 0.00 | 18.26 -0.51 0.00 | 15.77 -0.45 0.00 | 17.68 -0.51 0.00 | 19.89 -0.57 0.00 | 20.44 -0.57 0.00 | 22.36 -0.63 0.00 | 23.89 -0.71 0.00 | 22.63 -0.67 0.00 | 20.81 -0.58 0.00 | 20.38 -0.56 0.00 | 20.38 -0.56 0.00 | 21.12 -0.65 0.00 | 28.94 -0.96 0.00 | 29.83 -0.99 0.00 | 25.71 -0.82 0.00 | 26.60 -0.86 0.00 | 25.23 -0.80 0.00 | 34.02 -1.04 0.00 | 31.37 -0.97 0.00 | 28.30 -0.88 0.00 | 23.26 -0.73 0.00 | 23.59 -0.79 0.00 | 21.62 -0.74 0.00 |

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| SITHE___BATAVIA 24024 | 19.87 -0.66 0.00 | 18.22 -0.55 0.00 | 15.66 -0.57 0.00 | 17.56 -0.62 0.00 | 19.77 -0.68 0.00 | 20.32 -0.69 0.00 | 22.37 -0.63 0.00 | 23.93 -0.67 0.00 | 22.59 -0.71 0.00 | 20.91 -0.47 0.00 | 20.48 -0.46 0.00 | 20.48 -0.46 0.00 | 21.51 -0.27 0.00 | 29.86 -0.04 0.00 | 30.53 -0.29 0.00 | 26.30 -0.23 0.00 | 26.89 -0.57 0.00 | 25.34 -0.69 0.00 | 34.60 -0.46 0.00 | 31.79 -0.55 0.00 | 28.68 -0.51 0.00 | 23.58 -0.42 0.00 | 23.90 -0.48 0.00 | 21.71 -0.64 0.00 |
| SITHE___INDEPEND 23800 | 19.97 -0.57 0.00 | 18.26 -0.51 0.00 | 15.77 -0.45 0.00 | 17.68 -0.51 0.00 | 19.89 -0.57 0.00 | 20.44 -0.57 0.00 | 22.36 -0.64 0.00 | 23.89 -0.71 0.00 | 22.63 -0.67 0.00 | 20.81 -0.58 0.00 | 20.38 -0.57 0.00 | 20.38 -0.57 0.00 | 21.12 -0.65 0.00 | 28.95 -0.96 0.00 | 29.83 -0.99 0.00 | 25.71 -0.82 0.00 | 26.59 -0.86 0.00 | 25.23 -0.80 0.00 | 34.02 -1.04 0.00 | 31.37 -0.97 0.00 | 28.30 -0.89 0.00 | 23.26 -0.73 0.00 | 23.59 -0.79 0.00 | 21.62 -0.74 0.00 |
| SITHE___MASSENA 23902 | 20.60 0.06 0.00 | 18.82 0.05 0.00 | 16.23 0.00 0.00 | 18.21 0.02 0.00 | 20.49 0.04 0.00 | 21.08 0.07 0.00 | 23.14 0.14 0.00 | 24.83 0.23 0.00 | 23.46 0.16 0.00 | 21.58 0.19 0.00 | 21.15 0.21 0.00 | 21.15 0.21 0.00 | 21.98 0.21 0.00 | 30.20 0.30 0.00 | 30.94 0.12 0.00 | 26.46 -0.06 0.00 | 27.27 -0.19 0.00 | 25.80 -0.23 0.00 | 34.81 -0.24 0.00 | 32.12 -0.22 0.00 | 29.02 -0.16 0.00 | 23.84 -0.15 0.00 | 24.50 0.12 0.00 | 22.52 0.16 0.00 |
| SITHE___OGDNSBRG 24021 | 20.72 0.18 0.00 | 18.91 0.13 0.00 | 16.29 0.07 0.00 | 18.28 0.09 0.00 | 20.59 0.14 0.00 | 21.19 0.18 0.00 | 23.31 0.32 0.00 | 25.01 0.41 0.00 | 23.50 0.20 0.00 | 21.58 0.20 0.00 | 21.15 0.21 0.00 | 21.15 0.21 0.00 | 21.93 0.15 0.00 | 30.10 0.19 0.00 | 30.82 0.00 0.00 | 26.33 -0.20 0.00 | 27.09 -0.37 0.00 | 25.68 -0.34 0.00 | 34.82 -0.24 0.00 | 32.35 0.01 0.00 | 29.33 0.14 0.00 | 24.07 0.08 0.00 | 24.77 0.39 0.00 | 22.74 0.38 0.00 |
| SITHE___STERLING 23777 | 20.76 0.22 0.00 | 18.96 0.19 0.00 | 16.36 0.14 0.00 | 18.37 0.18 0.00 | 20.68 0.22 0.00 | 21.26 0.25 0.00 | 23.35 0.35 0.00 | 24.99 0.39 0.00 | 23.62 0.32 0.00 | 21.64 0.25 0.00 | 21.18 0.23 0.00 | 21.18 0.23 0.00 | 21.99 0.22 0.00 | 30.21 0.30 0.00 | 31.18 0.36 0.00 | 26.90 0.37 0.00 | 27.88 0.42 0.00 | 26.52 0.49 0.00 | 35.93 0.87 0.00 | 33.13 0.79 0.00 | 29.93 0.75 0.00 | 24.59 0.60 0.00 | 24.88 0.49 0.00 | 22.70 0.35 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 19.92 -0.61 0.00 | 18.24 -0.53 0.00 | 15.72 -0.51 0.00 | 17.60 -0.58 0.00 | 19.82 -0.63 0.00 | 20.40 -0.61 0.00 | 22.39 -0.61 0.00 | 23.98 -0.63 0.00 | 22.68 -0.62 0.00 | 20.92 -0.46 0.00 | 20.48 -0.46 0.00 | 20.48 -0.46 0.00 | 21.42 -0.36 0.00 | 29.59 -0.31 0.00 | 30.43 -0.39 0.00 | 26.23 -0.29 0.00 | 27.04 -0.42 0.00 | 25.59 -0.44 0.00 | 34.64 -0.41 0.00 | 31.86 -0.48 0.00 | 28.70 -0.48 0.00 | 23.57 -0.42 0.00 | 23.84 -0.54 0.00 | 21.73 -0.62 0.00 |
| SOUTH CAIRO___GT 23612 | 21.68 1.14 0.00 | 19.85 1.08 0.00 | 17.22 1.00 0.00 | 19.26 1.07 0.00 | 21.61 1.16 0.00 | 22.13 1.12 0.00 | 24.20 1.20 0.00 | 25.84 1.24 0.00 | 24.37 1.07 0.00 | 22.07 0.69 0.00 | 21.59 0.65 0.00 | 21.59 0.65 0.00 | 22.33 0.55 0.00 | 30.52 0.62 0.00 | 31.72 0.90 0.00 | 27.54 1.02 0.00 | 28.79 1.33 0.00 | 27.43 1.40 0.00 | 37.25 2.19 0.00 | 34.74 2.40 0.00 | 31.33 2.15 0.00 | 25.59 1.60 0.00 | 25.65 1.27 0.00 | 23.43 1.08 0.00 |
| SOUTH HAMPTN___IC 23720 | 21.72 1.18 0.00 | 19.79 1.02 0.00 | 17.20 0.98 0.00 | 19.17 0.99 0.00 | 21.59 1.14 0.00 | 22.39 1.38 0.00 | 24.63 1.64 0.00 | 26.34 1.74 0.00 | 25.04 1.74 0.00 | 22.99 1.60 0.00 | 22.52 1.57 0.00 | 22.52 1.57 0.00 | 26.59 1.84 -2.97 | 33.23 2.65 -0.68 | 34.78 3.09 -0.87 | 35.54 2.98 -6.03 | 30.63 3.18 0.00 | 29.00 2.97 0.00 | 38.76 3.70 0.00 | 35.62 3.28 0.00 | 32.11 2.92 0.00 | 26.27 2.28 0.00 | 26.68 2.00 -0.29 | 23.88 1.53 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 20.00 -0.54 0.00 | 18.39 -0.38 0.00 | 15.83 -0.39 0.00 | 17.78 -0.40 0.00 | 20.04 -0.41 0.00 | 20.64 -0.37 0.00 | 22.76 -0.24 0.00 | 24.47 -0.13 0.00 | 23.20 -0.10 0.00 | 21.58 0.19 0.00 | 21.11 0.17 0.00 | 21.11 0.17 0.00 | 22.28 0.51 0.00 | 30.99 1.08 0.00 | 31.71 0.89 0.00 | 27.33 0.81 0.00 | 27.92 0.47 0.00 | 26.24 0.21 0.00 | 35.44 0.39 0.00 | 32.52 0.18 0.00 | 29.22 0.04 0.00 | 24.06 0.07 0.00 | 24.34 -0.04 0.00 | 22.07 -0.28 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 21.94 1.40 0.00 | 19.96 1.19 0.00 | 17.36 1.14 0.00 | 19.35 1.17 0.00 | 21.82 1.38 0.00 | 22.73 1.72 0.00 | 25.07 2.08 0.00 | 26.82 2.22 0.00 | 25.55 2.25 0.00 | 23.50 2.11 0.00 | 23.02 2.07 0.00 | 23.02 2.07 0.00 | 27.12 2.38 -2.96 | 34.00 3.42 -0.68 | 35.56 3.87 -0.87 | 36.18 3.63 -6.03 | 31.28 3.82 0.00 | 29.61 3.58 0.00 | 39.46 4.41 0.00 | 36.23 3.90 0.00 | 32.64 3.45 0.00 | 26.76 2.77 0.00 | 27.17 2.49 -0.29 | 24.24 1.88 0.00 |
| SOUTHOLD___IC 23719 | 21.94 1.40 0.00 | 19.96 1.18 0.00 | 17.36 1.14 0.00 | 19.35 1.17 0.00 | 21.82 1.38 0.00 | 22.73 1.72 0.00 | 25.08 2.08 0.00 | 26.82 2.21 0.00 | 25.55 2.25 0.00 | 23.50 2.11 0.00 | 23.02 2.07 0.00 | 23.02 2.07 0.00 | 27.13 2.38 -2.97 | 34.00 3.42 -0.68 | 35.56 3.87 -0.87 | 36.18 3.62 -6.03 | 31.28 3.82 0.00 | 29.61 3.58 0.00 | 39.46 4.41 0.00 | 36.23 3.89 0.00 | 32.64 3.45 0.00 | 26.76 2.77 0.00 | 27.17 2.49 -0.29 | 24.24 1.88 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 21.88 1.34 0.00 | 19.90 1.12 0.00 | 17.33 1.10 0.00 | 19.30 1.12 0.00 | 21.79 1.35 0.00 | 22.77 1.76 0.00 | 25.16 2.16 0.00 | 26.91 2.31 0.00 | 25.66 2.36 0.00 | 23.62 2.23 0.00 | 23.14 2.20 0.00 | 23.14 2.20 0.00 | 27.24 2.50 -2.97 | 34.14 3.56 -0.68 | 35.68 3.99 -0.87 | 36.25 3.70 -6.03 | 31.33 3.87 0.00 | 29.63 3.61 0.00 | 39.41 4.35 0.00 | 36.18 3.84 0.00 | 32.60 3.42 0.00 | 26.79 2.79 0.00 | 27.19 2.52 -0.29 | 24.22 1.87 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 21.89 1.36 0.00 | 20.12 1.35 0.00 | 17.47 1.25 0.00 | 19.53 1.35 0.00 | 21.78 1.34 0.00 | 22.30 1.29 0.00 | 24.29 1.29 0.00 | 25.88 1.28 0.00 | 24.34 1.03 0.00 | 22.13 0.74 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.57 0.79 0.00 | 31.08 1.18 0.00 | 32.42 1.60 0.00 | 28.14 1.62 0.00 | 29.40 1.95 0.00 | 27.95 1.92 0.00 | 37.64 2.59 0.00 | 34.93 2.59 0.00 | 31.48 2.30 0.00 | 25.75 1.76 0.00 | 25.95 1.57 0.00 | 23.71 1.36 0.00 |
| ST LAWRENCE____ 23600 | 20.49 -0.05 0.00 | 18.72 -0.05 0.00 | 16.16 -0.07 0.00 | 18.12 -0.06 0.00 | 20.38 -0.06 0.00 | 20.97 -0.04 0.00 | 23.00 0.00 0.00 | 24.65 0.05 0.00 | 23.31 0.00 0.00 | 21.44 0.05 0.00 | 21.01 0.06 0.00 | 21.01 0.06 0.00 | 21.84 0.07 0.00 | 30.01 0.11 0.00 | 30.75 -0.06 0.00 | 26.32 -0.21 0.00 | 27.14 -0.32 0.00 | 25.68 -0.35 0.00 | 34.62 -0.43 0.00 | 31.92 -0.42 0.00 | 28.82 -0.36 0.00 | 23.69 -0.31 0.00 | 24.31 -0.07 0.00 | 22.34 -0.01 0.00 |
| STATE_CA_115KV_115_LB 55624 | 21.03 0.49 0.00 | 19.26 0.48 0.00 | 16.72 0.49 0.00 | 18.68 0.50 0.00 | 20.96 0.52 0.00 | 21.48 0.47 0.00 | 23.43 0.44 0.00 | 25.02 0.41 0.00 | 23.74 0.43 0.00 | 21.69 0.30 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.07 0.29 0.00 | 30.19 0.28 0.00 | 31.37 0.56 0.00 | 27.14 0.61 0.00 | 28.25 0.80 0.00 | 26.81 0.78 0.00 | 36.06 1.01 0.00 | 33.44 1.09 0.00 | 30.14 0.96 0.00 | 24.68 0.69 0.00 | 24.80 0.42 0.00 | 22.70 0.35 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| STATE_ST_34_KV_LOAD 55959 | 20.42 -0.12 0.00 | 18.71 -0.06 0.00 | 16.16 -0.06 0.00 | 18.11 -0.07 0.00 | 20.33 -0.12 0.00 | 20.97 -0.04 0.00 | 22.93 -0.06 0.00 | 24.58 -0.02 0.00 | 23.25 -0.05 0.00 | 21.28 -0.11 0.00 | 20.82 -0.13 0.00 | 20.82 -0.13 0.00 | 21.70 -0.07 0.00 | 29.89 -0.02 0.00 | 30.80 -0.01 0.00 | 26.53 0.00 0.00 | 27.54 0.08 0.00 | 26.14 0.11 0.00 | 35.34 0.29 0.00 | 32.60 0.27 0.00 | 29.38 0.19 0.00 | 24.16 0.17 0.00 | 24.41 0.03 0.00 | 22.29 -0.06 0.00 |
| STATION_5_MISC_HYD 23604 | 19.83 -0.71 0.00 | 18.16 -0.61 0.00 | 15.64 -0.59 0.00 | 17.53 -0.65 0.00 | 19.72 -0.73 0.00 | 20.28 -0.73 0.00 | 22.26 -0.73 0.00 | 23.81 -0.79 0.00 | 22.53 -0.77 0.00 | 20.86 -0.53 0.00 | 20.42 -0.52 0.00 | 20.42 -0.52 0.00 | 21.42 -0.35 0.00 | 29.65 -0.25 0.00 | 30.43 -0.38 0.00 | 26.20 -0.33 0.00 | 26.89 -0.56 0.00 | 25.41 -0.62 0.00 | 34.43 -0.63 0.00 | 31.62 -0.72 0.00 | 28.48 -0.70 0.00 | 23.40 -0.59 0.00 | 23.74 -0.64 0.00 | 21.62 -0.73 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 20.10 -0.43 0.00 | 18.40 -0.37 0.00 | 15.85 -0.37 0.00 | 17.77 -0.42 0.00 | 19.99 -0.45 0.00 | 20.57 -0.44 0.00 | 22.59 -0.40 0.00 | 24.21 -0.39 0.00 | 22.91 -0.39 0.00 | 21.14 -0.25 0.00 | 20.69 -0.25 0.00 | 20.69 -0.25 0.00 | 21.64 -0.14 0.00 | 29.93 0.02 0.00 | 30.77 -0.04 0.00 | 26.53 0.01 0.00 | 27.33 -0.12 0.00 | 25.87 -0.16 0.00 | 35.00 -0.06 0.00 | 32.20 -0.14 0.00 | 28.99 -0.19 0.00 | 23.82 -0.18 0.00 | 24.09 -0.30 0.00 | 21.93 -0.42 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 19.77 -0.77 0.00 | 18.11 -0.66 0.00 | 15.59 -0.64 0.00 | 17.47 -0.71 0.00 | 19.66 -0.79 0.00 | 20.22 -0.79 0.00 | 22.19 -0.81 0.00 | 23.74 -0.86 0.00 | 22.48 -0.82 0.00 | 20.81 -0.58 0.00 | 20.38 -0.57 0.00 | 20.38 -0.57 0.00 | 21.35 -0.43 0.00 | 29.54 -0.37 0.00 | 30.33 -0.49 0.00 | 26.12 -0.41 0.00 | 26.83 -0.63 0.00 | 25.35 -0.68 0.00 | 34.33 -0.73 0.00 | 31.53 -0.81 0.00 | 28.40 -0.79 0.00 | 23.34 -0.65 0.00 | 23.65 -0.73 0.00 | 21.55 -0.80 0.00 |
| STA_56___34_KV_BUS2 355983 | 19.77 -0.77 0.00 | 18.11 -0.66 0.00 | 15.59 -0.64 0.00 | 17.47 -0.71 0.00 | 19.66 -0.79 0.00 | 20.22 -0.79 0.00 | 22.19 -0.81 0.00 | 23.74 -0.86 0.00 | 22.48 -0.82 0.00 | 20.81 -0.58 0.00 | 20.38 -0.57 0.00 | 20.38 -0.57 0.00 | 21.35 -0.43 0.00 | 29.54 -0.37 0.00 | 30.33 -0.49 0.00 | 26.12 -0.41 0.00 | 26.83 -0.63 0.00 | 25.35 -0.68 0.00 | 34.33 -0.73 0.00 | 31.53 -0.81 0.00 | 28.40 -0.79 0.00 | 23.34 -0.65 0.00 | 23.65 -0.73 0.00 | 21.55 -0.80 0.00 |
| STA_67___115KV_BK2 355882 | 19.79 -0.75 0.00 | 18.13 -0.65 0.00 | 15.61 -0.62 0.00 | 17.50 -0.68 0.00 | 19.68 -0.77 0.00 | 20.24 -0.76 0.00 | 22.22 -0.78 0.00 | 23.76 -0.84 0.00 | 22.49 -0.82 0.00 | 20.81 -0.58 0.00 | 20.38 -0.57 0.00 | 20.38 -0.57 0.00 | 21.37 -0.40 0.00 | 29.58 -0.33 0.00 | 30.34 -0.47 0.00 | 26.13 -0.40 0.00 | 26.82 -0.64 0.00 | 25.34 -0.69 0.00 | 34.33 -0.73 0.00 | 31.53 -0.81 0.00 | 28.40 -0.78 0.00 | 23.36 -0.64 0.00 | 23.68 -0.71 0.00 | 21.58 -0.78 0.00 |
| STA_7___115KV_9TRANS 80674 | 19.92 -0.62 0.00 | 18.24 -0.53 0.00 | 15.71 -0.52 0.00 | 17.60 -0.58 0.00 | 19.80 -0.64 0.00 | 20.37 -0.64 0.00 | 22.35 -0.64 0.00 | 23.91 -0.69 0.00 | 22.63 -0.67 0.00 | 20.96 -0.43 0.00 | 20.53 -0.42 0.00 | 20.53 -0.42 0.00 | 21.54 -0.24 0.00 | 29.82 -0.08 0.00 | 30.61 -0.21 0.00 | 26.36 -0.17 0.00 | 27.07 -0.39 0.00 | 25.58 -0.45 0.00 | 34.67 -0.38 0.00 | 31.83 -0.50 0.00 | 28.67 -0.52 0.00 | 23.56 -0.44 0.00 | 23.87 -0.51 0.00 | 21.73 -0.62 0.00 |
| STA_82___115KV_TB1 80780 | 19.80 -0.74 0.00 | 18.14 -0.64 0.00 | 15.62 -0.61 0.00 | 17.50 -0.68 0.00 | 19.69 -0.76 0.00 | 20.25 -0.76 0.00 | 22.22 -0.78 0.00 | 23.78 -0.83 0.00 | 22.49 -0.81 0.00 | 20.83 -0.56 0.00 | 20.40 -0.54 0.00 | 20.40 -0.54 0.00 | 21.38 -0.39 0.00 | 29.59 -0.32 0.00 | 30.36 -0.46 0.00 | 26.13 -0.40 0.00 | 26.83 -0.63 0.00 | 25.35 -0.68 0.00 | 34.34 -0.72 0.00 | 31.54 -0.79 0.00 | 28.42 -0.76 0.00 | 23.37 -0.62 0.00 | 23.69 -0.69 0.00 | 21.58 -0.77 0.00 |
| STEEL___WIND 323596 | 19.43 -1.11 0.00 | 17.84 -0.93 0.00 | 15.34 -0.88 0.00 | 17.22 -0.97 0.00 | 19.37 -1.08 0.00 | 19.91 -1.09 0.00 | 21.91 -1.08 0.00 | 23.45 -1.15 0.00 | 22.22 -1.08 0.00 | 20.70 -0.68 0.00 | 20.27 -0.67 0.00 | 20.27 -0.67 0.00 | 21.39 -0.38 0.00 | 29.70 -0.21 0.00 | 30.35 -0.47 0.00 | 26.08 -0.45 0.00 | 26.61 -0.84 0.00 | 25.03 -1.00 0.00 | 33.93 -1.12 0.00 | 31.07 -1.27 0.00 | 28.00 -1.19 0.00 | 23.07 -0.92 0.00 | 23.45 -0.94 0.00 | 21.29 -1.06 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 21.06 0.52 0.00 | 19.26 0.48 0.00 | 16.71 0.48 0.00 | 18.66 0.48 0.00 | 20.96 0.52 0.00 | 21.51 0.50 0.00 | 23.48 0.49 0.00 | 25.08 0.47 0.00 | 23.78 0.48 0.00 | 21.71 0.32 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.09 0.31 0.00 | 30.28 0.37 0.00 | 31.52 0.70 0.00 | 27.22 0.70 0.00 | 28.41 0.96 0.00 | 26.91 0.88 0.00 | 36.30 1.25 0.00 | 33.58 1.24 0.00 | 30.26 1.08 0.00 | 24.79 0.79 0.00 | 24.93 0.54 0.00 | 22.78 0.42 0.00 |
| STEUBEN_REC_LFGE 323667 | 20.28 -0.26 0.00 | 18.50 -0.27 0.00 | 15.63 -0.59 0.00 | 17.59 -0.60 0.00 | 20.17 -0.28 0.00 | 20.69 -0.32 0.00 | 22.99 -0.01 0.00 | 25.15 0.54 0.00 | 23.79 0.48 0.00 | 21.92 0.53 0.00 | 21.43 0.48 0.00 | 21.43 0.48 0.00 | 22.37 0.60 0.00 | 31.06 1.15 0.00 | 31.89 1.07 0.00 | 27.61 1.08 0.00 | 28.45 1.00 0.00 | 26.77 0.74 0.00 | 36.40 1.35 0.00 | 33.66 1.32 0.00 | 30.31 1.13 0.00 | 24.78 0.79 0.00 | 24.92 0.53 0.00 | 22.64 0.29 0.00 |
| STILLWATER___SOLAR 323814 | 21.73 1.19 0.00 | 19.92 1.14 0.00 | 17.27 1.05 0.00 | 19.33 1.15 0.00 | 21.66 1.21 0.00 | 22.18 1.17 0.00 | 24.19 1.20 0.00 | 25.82 1.22 0.00 | 24.32 1.02 0.00 | 22.14 0.74 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.52 0.75 0.00 | 30.95 1.05 0.00 | 32.24 1.42 0.00 | 27.90 1.38 0.00 | 29.13 1.67 0.00 | 27.69 1.67 0.00 | 37.35 2.29 0.00 | 34.67 2.34 0.00 | 31.24 2.06 0.00 | 25.54 1.55 0.00 | 25.69 1.31 0.00 | 23.49 1.14 0.00 |
| STONY___BROOK 24151 | 21.67 1.14 0.00 | 19.77 1.00 0.00 | 17.14 0.92 0.00 | 19.10 0.92 0.00 | 21.49 1.04 0.00 | 22.20 1.20 0.00 | 24.37 1.38 0.00 | 26.08 1.48 0.00 | 24.80 1.50 0.00 | 22.72 1.33 0.00 | 22.24 1.30 0.00 | 22.24 1.30 0.00 | 26.30 1.56 -2.97 | 32.81 2.23 -0.68 | 34.34 2.65 -0.87 | 35.18 2.62 -6.03 | 30.25 2.80 0.00 | 28.50 2.47 0.00 | 38.18 3.13 0.00 | 35.20 2.86 0.00 | 31.82 2.63 0.00 | 26.02 2.03 0.00 | 26.42 1.75 -0.29 | 23.74 1.39 0.00 |
| STURGEON_POOL_HYD 23609 | 21.10 0.56 0.00 | 19.26 0.48 0.00 | 16.66 0.43 0.00 | 18.62 0.44 0.00 | 20.94 0.49 0.00 | 21.56 0.55 0.00 | 23.59 0.59 0.00 | 25.29 0.69 0.00 | 24.07 0.77 0.00 | 22.07 0.68 0.00 | 21.61 0.67 0.00 | 21.61 0.67 0.00 | 22.64 0.86 0.00 | 31.21 1.30 0.00 | 32.43 1.61 0.00 | 28.18 1.65 0.00 | 29.20 1.75 0.00 | 27.70 1.67 0.00 | 37.11 2.05 0.00 | 34.14 1.80 0.00 | 30.75 1.57 0.00 | 25.22 1.22 0.00 | 25.31 0.92 0.00 | 23.13 0.78 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 20.48 -0.05 0.00 | 18.71 -0.06 0.00 | 16.15 -0.08 0.00 | 18.11 -0.07 0.00 | 20.37 -0.07 0.00 | 20.95 -0.05 0.00 | 22.98 -0.02 0.00 | 24.65 0.04 0.00 | 23.30 0.00 0.00 | 21.44 0.04 0.00 | 21.01 0.06 0.00 | 21.01 0.06 0.00 | 21.84 0.06 0.00 | 30.00 0.10 0.00 | 30.73 -0.08 0.00 | 26.29 -0.23 0.00 | 27.10 -0.35 0.00 | 25.65 -0.38 0.00 | 34.58 -0.47 0.00 | 31.88 -0.46 0.00 | 28.79 -0.40 0.00 | 23.66 -0.33 0.00 | 24.31 -0.08 0.00 | 22.34 -0.01 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ST_LAW_115_BK8_LBMP 345038 | 20.48 -0.05 0.00 | 18.71 -0.06 0.00 | 16.15 -0.08 0.00 | 18.11 -0.07 0.00 | 20.37 -0.07 0.00 | 20.95 -0.05 0.00 | 22.98 -0.02 0.00 | 24.65 0.04 0.00 | 23.30 0.00 0.00 | 21.44 0.04 0.00 | 21.01 0.06 0.00 | 21.01 0.06 0.00 | 21.84 0.06 0.00 | 30.00 0.10 0.00 | 30.73 -0.08 0.00 | 26.29 -0.23 0.00 | 27.10 -0.35 0.00 | 25.65 -0.38 0.00 | 34.58 -0.47 0.00 | 31.88 -0.46 0.00 | 28.79 -0.40 0.00 | 23.66 -0.33 0.00 | 24.31 -0.08 0.00 | 22.34 -0.01 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 20.49 -0.05 0.00 | 18.72 -0.05 0.00 | 16.16 -0.07 0.00 | 18.12 -0.06 0.00 | 20.38 -0.06 0.00 | 20.97 -0.04 0.00 | 23.00 0.00 0.00 | 24.65 0.05 0.00 | 23.31 0.00 0.00 | 21.44 0.05 0.00 | 21.01 0.06 0.00 | 21.01 0.06 0.00 | 21.84 0.07 0.00 | 30.01 0.11 0.00 | 30.75 -0.06 0.00 | 26.32 -0.21 0.00 | 27.14 -0.32 0.00 | 25.68 -0.35 0.00 | 34.62 -0.43 0.00 | 31.92 -0.42 0.00 | 28.82 -0.36 0.00 | 23.69 -0.31 0.00 | 24.31 -0.07 0.00 | 22.34 -0.01 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 20.49 -0.05 0.00 | 18.72 -0.05 0.00 | 16.16 -0.07 0.00 | 18.12 -0.06 0.00 | 20.38 -0.06 0.00 | 20.97 -0.04 0.00 | 23.00 0.00 0.00 | 24.65 0.05 0.00 | 23.31 0.00 0.00 | 21.44 0.05 0.00 | 21.01 0.06 0.00 | 21.01 0.06 0.00 | 21.84 0.07 0.00 | 30.01 0.11 0.00 | 30.75 -0.06 0.00 | 26.32 -0.21 0.00 | 27.14 -0.32 0.00 | 25.68 -0.35 0.00 | 34.62 -0.43 0.00 | 31.92 -0.42 0.00 | 28.82 -0.36 0.00 | 23.69 -0.31 0.00 | 24.31 -0.07 0.00 | 22.34 -0.01 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 21.14 0.60 0.00 | 19.30 0.53 0.00 | 16.70 0.47 0.00 | 18.66 0.47 0.00 | 20.99 0.54 0.00 | 21.59 0.58 0.00 | 23.62 0.63 0.00 | 25.31 0.71 0.00 | 24.06 0.75 0.00 | 22.04 0.66 0.00 | 21.59 0.65 0.00 | 21.59 0.65 0.00 | 22.62 0.84 0.00 | 31.17 1.27 0.00 | 32.37 1.56 0.00 | 28.10 1.57 0.00 | 29.13 1.68 0.00 | 27.62 1.59 0.00 | 37.07 2.01 0.00 | 34.16 1.82 0.00 | 30.77 1.58 0.00 | 25.23 1.24 0.00 | 25.33 0.95 0.00 | 23.17 0.81 0.00 |
| SWANROAD_115KV_TB1 355699 | 18.91 -1.63 0.00 | 17.37 -1.40 0.00 | 14.93 -1.29 0.00 | 16.75 -1.43 0.00 | 18.85 -1.60 0.00 | 19.37 -1.64 0.00 | 21.28 -1.71 0.00 | 22.73 -1.87 0.00 | 21.53 -1.77 0.00 | 20.07 -1.32 0.00 | 19.67 -1.28 0.00 | 19.67 -1.28 0.00 | 20.71 -1.07 0.00 | 28.71 -1.19 0.00 | 29.25 -1.57 0.00 | 25.12 -1.41 0.00 | 25.56 -1.89 0.00 | 24.06 -1.97 0.00 | 32.64 -2.41 0.00 | 29.93 -2.41 0.00 | 27.01 -2.18 0.00 | 22.31 -1.69 0.00 | 22.70 -1.69 0.00 | 20.68 -1.68 0.00 |
| SYNERGY___BIOGAS 323694 | 19.87 -0.66 0.00 | 18.22 -0.55 0.00 | 15.66 -0.57 0.00 | 17.56 -0.62 0.00 | 19.77 -0.68 0.00 | 20.32 -0.69 0.00 | 22.37 -0.63 0.00 | 23.93 -0.67 0.00 | 22.59 -0.71 0.00 | 20.91 -0.47 0.00 | 20.48 -0.46 0.00 | 20.48 -0.46 0.00 | 21.51 -0.27 0.00 | 29.86 -0.04 0.00 | 30.53 -0.29 0.00 | 26.30 -0.23 0.00 | 26.89 -0.57 0.00 | 25.34 -0.69 0.00 | 34.60 -0.46 0.00 | 31.79 -0.55 0.00 | 28.68 -0.51 0.00 | 23.58 -0.42 0.00 | 23.90 -0.48 0.00 | 21.71 -0.64 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 20.37 -0.17 0.00 | 18.62 -0.15 0.00 | 16.08 -0.15 0.00 | 18.03 -0.16 0.00 | 20.28 -0.17 0.00 | 20.85 -0.15 0.00 | 22.85 -0.15 0.00 | 24.43 -0.17 0.00 | 23.13 -0.17 0.00 | 21.25 -0.14 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.61 -0.16 0.00 | 29.70 -0.20 0.00 | 30.62 -0.19 0.00 | 26.41 -0.11 0.00 | 27.36 -0.09 0.00 | 25.97 -0.06 0.00 | 35.03 -0.03 0.00 | 32.29 -0.05 0.00 | 29.11 -0.08 0.00 | 23.92 -0.07 0.00 | 24.20 -0.18 0.00 | 22.13 -0.23 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 20.37 -0.17 0.00 | 18.62 -0.15 0.00 | 16.08 -0.15 0.00 | 18.03 -0.16 0.00 | 20.28 -0.17 0.00 | 20.85 -0.15 0.00 | 22.85 -0.15 0.00 | 24.43 -0.17 0.00 | 23.13 -0.17 0.00 | 21.25 -0.14 0.00 | 20.80 -0.15 0.00 | 20.80 -0.15 0.00 | 21.61 -0.16 0.00 | 29.70 -0.20 0.00 | 30.62 -0.19 0.00 | 26.41 -0.11 0.00 | 27.36 -0.09 0.00 | 25.97 -0.06 0.00 | 35.03 -0.03 0.00 | 32.29 -0.05 0.00 | 29.11 -0.08 0.00 | 23.92 -0.07 0.00 | 24.20 -0.18 0.00 | 22.13 -0.23 0.00 |
| SYRACUSE___POWER 24017 | 20.36 -0.18 0.00 | 18.60 -0.17 0.00 | 16.06 -0.16 0.00 | 18.01 -0.17 0.00 | 20.27 -0.18 0.00 | 20.83 -0.18 0.00 | 22.83 -0.17 0.00 | 24.41 -0.20 0.00 | 23.11 -0.19 0.00 | 21.23 -0.16 0.00 | 20.78 -0.17 0.00 | 20.78 -0.17 0.00 | 21.61 -0.17 0.00 | 29.69 -0.21 0.00 | 30.62 -0.20 0.00 | 26.43 -0.10 0.00 | 27.36 -0.10 0.00 | 25.97 -0.06 0.00 | 35.00 -0.05 0.00 | 32.28 -0.06 0.00 | 29.11 -0.07 0.00 | 23.93 -0.07 0.00 | 24.21 -0.18 0.00 | 22.12 -0.23 0.00 |
| TALLMAN___138KV_BK151 55660 | 21.21 0.67 0.00 | 19.36 0.59 0.00 | 16.75 0.52 0.00 | 18.71 0.52 0.00 | 21.04 0.60 0.00 | 21.66 0.65 0.00 | 23.70 0.70 0.00 | 25.40 0.80 0.00 | 24.17 0.87 0.00 | 22.16 0.77 0.00 | 21.70 0.75 0.00 | 21.70 0.75 0.00 | 22.79 1.02 0.00 | 31.45 1.55 0.00 | 32.67 1.85 0.00 | 28.37 1.84 0.00 | 29.40 1.94 0.00 | 27.85 1.82 0.00 | 37.33 2.28 0.00 | 34.37 2.03 0.00 | 30.95 1.77 0.00 | 25.38 1.38 0.00 | 25.45 1.07 0.00 | 23.28 0.92 0.00 |
| TEALLAVE_115KV_TB7 355573 | 20.26 -0.27 0.00 | 18.52 -0.25 0.00 | 15.99 -0.24 0.00 | 17.93 -0.25 0.00 | 20.17 -0.28 0.00 | 20.73 -0.27 0.00 | 22.72 -0.28 0.00 | 24.29 -0.32 0.00 | 23.01 -0.29 0.00 | 21.15 -0.23 0.00 | 20.71 -0.23 0.00 | 20.71 -0.23 0.00 | 21.52 -0.26 0.00 | 29.56 -0.34 0.00 | 30.48 -0.34 0.00 | 26.30 -0.23 0.00 | 27.22 -0.24 0.00 | 25.82 -0.20 0.00 | 34.82 -0.23 0.00 | 32.09 -0.25 0.00 | 28.94 -0.24 0.00 | 23.78 -0.21 0.00 | 24.07 -0.31 0.00 | 22.01 -0.34 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 19.44 -1.10 0.00 | 17.84 -0.94 0.00 | 15.33 -0.90 0.00 | 17.19 -0.99 0.00 | 19.35 -1.10 0.00 | 19.89 -1.12 0.00 | 21.87 -1.13 0.00 | 23.39 -1.22 0.00 | 22.13 -1.17 0.00 | 20.58 -0.80 0.00 | 20.17 -0.77 0.00 | 20.17 -0.77 0.00 | 21.22 -0.55 0.00 | 29.47 -0.44 0.00 | 30.06 -0.76 0.00 | 25.83 -0.70 0.00 | 26.34 -1.11 0.00 | 24.84 -1.19 0.00 | 33.73 -1.33 0.00 | 30.94 -1.40 0.00 | 27.91 -1.27 0.00 | 23.00 -0.99 0.00 | 23.35 -1.03 0.00 | 21.24 -1.11 0.00 |
| TEMPLE___115KV_TB 2 55572 | 20.27 -0.26 0.00 | 18.52 -0.25 0.00 | 15.99 -0.23 0.00 | 17.93 -0.25 0.00 | 20.18 -0.26 0.00 | 20.74 -0.27 0.00 | 22.73 -0.27 0.00 | 24.30 -0.31 0.00 | 23.02 -0.28 0.00 | 21.16 -0.22 0.00 | 20.71 -0.23 0.00 | 20.71 -0.23 0.00 | 21.53 -0.24 0.00 | 29.59 -0.31 0.00 | 30.51 -0.31 0.00 | 26.33 -0.20 0.00 | 27.24 -0.22 0.00 | 25.85 -0.18 0.00 | 34.85 -0.21 0.00 | 32.11 -0.22 0.00 | 28.96 -0.23 0.00 | 23.79 -0.20 0.00 | 24.08 -0.30 0.00 | 22.01 -0.34 0.00 |
| TIANA____69_KV_BK 1 55817 | 21.67 1.13 0.00 | 19.75 0.98 0.00 | 17.17 0.94 0.00 | 19.13 0.95 0.00 | 21.54 1.09 0.00 | 22.31 1.30 0.00 | 24.53 1.53 0.00 | 26.23 1.63 0.00 | 24.92 1.62 0.00 | 22.86 1.47 0.00 | 22.39 1.45 0.00 | 22.39 1.45 0.00 | 26.45 1.71 -2.96 | 33.04 2.45 -0.68 | 34.58 2.90 -0.87 | 35.38 2.83 -6.03 | 30.48 3.03 0.00 | 28.86 2.83 0.00 | 38.60 3.55 0.00 | 35.49 3.15 0.00 | 31.98 2.80 0.00 | 26.16 2.17 0.00 | 26.57 1.90 -0.29 | 23.81 1.46 0.00 |
| TILDEN___115KV_TB1 80814 | 20.36 -0.18 0.00 | 18.60 -0.17 0.00 | 16.06 -0.16 0.00 | 18.01 -0.17 0.00 | 20.27 -0.18 0.00 | 20.83 -0.18 0.00 | 22.83 -0.17 0.00 | 24.41 -0.20 0.00 | 23.11 -0.19 0.00 | 21.23 -0.16 0.00 | 20.78 -0.17 0.00 | 20.78 -0.17 0.00 | 21.61 -0.17 0.00 | 29.69 -0.21 0.00 | 30.62 -0.20 0.00 | 26.43 -0.10 0.00 | 27.36 -0.10 0.00 | 25.97 -0.06 0.00 | 35.00 -0.05 0.00 | 32.28 -0.06 0.00 | 29.11 -0.07 0.00 | 23.93 -0.07 0.00 | 24.21 -0.18 0.00 | 22.12 -0.23 0.00 |

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| TRIGEN___CC 323695 | 21.58 1.04 0.00 | 19.69 0.91 0.00 | 17.04 0.81 0.00 | 19.01 0.83 0.00 | 21.37 0.92 0.00 | 22.03 1.03 0.00 | 24.14 1.15 0.00 | 25.82 1.22 0.00 | 24.58 1.27 0.00 | 22.53 1.14 0.00 | 22.05 1.11 0.00 | 22.05 1.11 0.00 | 26.14 1.41 -2.96 | 32.63 2.04 -0.68 | 34.09 2.40 -0.87 | 34.90 2.34 -6.03 | 29.89 2.44 0.00 | 28.26 2.23 0.00 | 37.86 2.81 0.00 | 34.83 2.49 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 26.22 1.55 -0.29 | 23.65 1.29 0.00 |
| TRINITY___115KV___4 BK 55933 | 20.96 0.42 0.00 | 19.19 0.42 0.00 | 16.66 0.43 0.00 | 18.62 0.44 0.00 | 20.90 0.45 0.00 | 21.41 0.40 0.00 | 23.34 0.34 0.00 | 24.92 0.31 0.00 | 23.64 0.34 0.00 | 21.59 0.21 0.00 | 21.13 0.19 0.00 | 21.13 0.19 0.00 | 21.94 0.17 0.00 | 30.02 0.11 0.00 | 31.19 0.38 0.00 | 26.98 0.45 0.00 | 28.08 0.62 0.00 | 26.64 0.61 0.00 | 35.84 0.79 0.00 | 33.25 0.91 0.00 | 29.99 0.80 0.00 | 24.57 0.58 0.00 | 24.69 0.31 0.00 | 22.62 0.26 0.00 |
| UNION___PROCESSING_DRP 323587 | 19.80 -0.74 0.00 | 18.14 -0.63 0.00 | 15.62 -0.61 0.00 | 17.50 -0.68 0.00 | 19.69 -0.76 0.00 | 20.25 -0.75 0.00 | 22.23 -0.77 0.00 | 23.79 -0.82 0.00 | 22.50 -0.80 0.00 | 20.83 -0.56 0.00 | 20.40 -0.54 0.00 | 20.40 -0.54 0.00 | 21.39 -0.39 0.00 | 29.59 -0.31 0.00 | 30.37 -0.45 0.00 | 26.15 -0.38 0.00 | 26.84 -0.62 0.00 | 25.35 -0.68 0.00 | 34.35 -0.71 0.00 | 31.56 -0.78 0.00 | 28.43 -0.76 0.00 | 23.38 -0.61 0.00 | 23.70 -0.69 0.00 | 21.58 -0.77 0.00 |
| UPPER HUDSON___HYD 24058 | 21.89 1.36 0.00 | 20.12 1.35 0.00 | 17.47 1.24 0.00 | 19.53 1.35 0.00 | 21.78 1.34 0.00 | 22.30 1.29 0.00 | 24.29 1.29 0.00 | 25.88 1.28 0.00 | 24.34 1.03 0.00 | 22.13 0.74 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.57 0.79 0.00 | 31.08 1.18 0.00 | 32.42 1.60 0.00 | 28.15 1.62 0.00 | 29.40 1.95 0.00 | 27.95 1.92 0.00 | 37.64 2.59 0.00 | 34.93 2.59 0.00 | 31.48 2.30 0.00 | 25.75 1.75 0.00 | 25.95 1.57 0.00 | 23.71 1.36 0.00 |
| UPPER RAQUET___HYD 24056 | 20.00 -0.54 0.00 | 18.25 -0.52 0.00 | 15.72 -0.50 0.00 | 17.66 -0.53 0.00 | 19.91 -0.54 0.00 | 20.50 -0.50 0.00 | 22.56 -0.44 0.00 | 24.31 -0.29 0.00 | 22.97 -0.33 0.00 | 21.11 -0.27 0.00 | 20.69 -0.25 0.00 | 20.69 -0.25 0.00 | 21.47 -0.31 0.00 | 29.46 -0.45 0.00 | 30.17 -0.64 0.00 | 25.78 -0.75 0.00 | 26.52 -0.93 0.00 | 25.17 -0.86 0.00 | 34.05 -1.00 0.00 | 31.47 -0.87 0.00 | 28.42 -0.76 0.00 | 23.32 -0.67 0.00 | 24.04 -0.34 0.00 | 22.09 -0.26 0.00 |
| VALLEY44_115KV_TB2 355964 | 19.77 -0.77 0.00 | 18.19 -0.58 0.00 | 15.65 -0.57 0.00 | 17.58 -0.60 0.00 | 19.81 -0.64 0.00 | 20.37 -0.64 0.00 | 22.39 -0.61 0.00 | 24.03 -0.57 0.00 | 22.77 -0.53 0.00 | 21.14 -0.25 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.70 -0.08 0.00 | 30.13 0.23 0.00 | 30.86 0.05 0.00 | 26.64 0.11 0.00 | 27.26 -0.19 0.00 | 25.61 -0.41 0.00 | 34.56 -0.49 0.00 | 31.72 -0.62 0.00 | 28.52 -0.67 0.00 | 23.48 -0.52 0.00 | 23.79 -0.59 0.00 | 21.67 -0.69 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 20.73 0.19 0.00 | 18.93 0.15 0.00 | 16.42 0.20 0.00 | 18.38 0.20 0.00 | 20.64 0.20 0.00 | 21.14 0.14 0.00 | 23.11 0.12 0.00 | 24.64 0.03 0.00 | 23.21 -0.09 0.00 | 21.10 -0.29 0.00 | 20.61 -0.34 0.00 | 20.61 -0.34 0.00 | 21.49 -0.29 0.00 | 29.46 -0.44 0.00 | 30.54 -0.27 0.00 | 26.37 -0.15 0.00 | 27.55 0.09 0.00 | 26.27 0.24 0.00 | 35.59 0.53 0.00 | 33.01 0.68 0.00 | 29.80 0.62 0.00 | 24.46 0.47 0.00 | 24.65 0.27 0.00 | 22.52 0.16 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 21.15 0.61 0.00 | 19.32 0.54 0.00 | 16.70 0.47 0.00 | 18.70 0.52 0.00 | 21.05 0.60 0.00 | 21.64 0.63 0.00 | 23.72 0.72 0.00 | 25.41 0.81 0.00 | 24.08 0.78 0.00 | 22.08 0.70 0.00 | 21.61 0.67 0.00 | 21.61 0.67 0.00 | 22.52 0.75 0.00 | 31.02 1.11 0.00 | 32.05 1.23 0.00 | 27.71 1.18 0.00 | 28.74 1.29 0.00 | 27.25 1.22 0.00 | 36.66 1.61 0.00 | 33.82 1.48 0.00 | 30.47 1.29 0.00 | 25.03 1.04 0.00 | 25.26 0.87 0.00 | 23.06 0.71 0.00 |
| VISCHER___FERRY HYD 24020 | 21.37 0.83 0.00 | 19.56 0.79 0.00 | 16.97 0.74 0.00 | 18.98 0.80 0.00 | 21.31 0.86 0.00 | 21.82 0.81 0.00 | 23.79 0.80 0.00 | 25.42 0.81 0.00 | 24.01 0.71 0.00 | 21.87 0.48 0.00 | 21.40 0.46 0.00 | 21.40 0.46 0.00 | 22.21 0.44 0.00 | 30.46 0.55 0.00 | 31.71 0.89 0.00 | 27.39 0.86 0.00 | 28.52 1.07 0.00 | 27.08 1.05 0.00 | 36.49 1.44 0.00 | 33.92 1.58 0.00 | 30.58 1.39 0.00 | 25.04 1.04 0.00 | 25.16 0.78 0.00 | 23.05 0.69 0.00 |
| V_A_10_SYNC_DSASP 323832 | 19.24 -1.30 0.00 | 17.67 -1.10 0.00 | 15.20 -1.02 0.00 | 17.05 -1.13 0.00 | 19.18 -1.27 0.00 | 19.70 -1.30 0.00 | 21.64 -1.36 0.00 | 23.14 -1.46 0.00 | 21.91 -1.39 0.00 | 20.37 -1.01 0.00 | 19.96 -0.98 0.00 | 19.96 -0.98 0.00 | 20.97 -0.80 0.00 | 29.06 -0.85 0.00 | 29.71 -1.11 0.00 | 25.53 -0.99 0.00 | 26.09 -1.37 0.00 | 24.57 -1.46 0.00 | 33.29 -1.76 0.00 | 30.53 -1.81 0.00 | 27.52 -1.67 0.00 | 22.67 -1.33 0.00 | 23.07 -1.32 0.00 | 21.01 -1.34 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 20.59 0.05 0.00 | 18.81 0.04 0.00 | 16.23 0.00 0.00 | 18.20 0.02 0.00 | 20.48 0.03 0.00 | 21.07 0.06 0.00 | 23.11 0.12 0.00 | 24.78 0.17 0.00 | 23.42 0.12 0.00 | 21.56 0.17 0.00 | 21.13 0.19 0.00 | 21.13 0.19 0.00 | 21.96 0.19 0.00 | 30.18 0.28 0.00 | 30.92 0.10 0.00 | 26.46 -0.07 0.00 | 27.27 -0.19 0.00 | 25.80 -0.23 0.00 | 34.77 -0.28 0.00 | 32.06 -0.28 0.00 | 28.97 -0.22 0.00 | 23.80 -0.19 0.00 | 24.44 0.06 0.00 | 22.46 0.11 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 20.98 0.44 0.00 | 19.26 0.48 0.00 | 16.66 0.43 0.00 | 18.65 0.47 0.00 | 20.98 0.53 0.00 | 21.58 0.57 0.00 | 23.68 0.68 0.00 | 25.40 0.80 0.00 | 23.81 0.51 0.00 | 21.91 0.52 0.00 | 21.49 0.54 0.00 | 21.49 0.54 0.00 | 22.40 0.62 0.00 | 30.64 0.73 0.00 | 31.50 0.68 0.00 | 27.00 0.47 0.00 | 27.91 0.46 0.00 | 26.38 0.35 0.00 | 35.53 0.47 0.00 | 32.84 0.50 0.00 | 29.37 0.19 0.00 | 23.96 -0.03 0.00 | 24.51 0.12 0.00 | 22.68 0.32 0.00 |
| V_D_10_SYNC_DSASP 323841 | 20.61 0.07 0.00 | 18.82 0.05 0.00 | 16.23 0.01 0.00 | 18.21 0.02 0.00 | 20.49 0.04 0.00 | 21.09 0.08 0.00 | 23.14 0.15 0.00 | 24.83 0.23 0.00 | 23.46 0.16 0.00 | 21.58 0.20 0.00 | 21.15 0.21 0.00 | 21.15 0.21 0.00 | 21.98 0.21 0.00 | 30.21 0.30 0.00 | 30.95 0.13 0.00 | 26.47 -0.05 0.00 | 27.27 -0.19 0.00 | 25.81 -0.22 0.00 | 34.82 -0.23 0.00 | 32.12 -0.21 0.00 | 29.03 -0.16 0.00 | 23.85 -0.14 0.00 | 24.51 0.12 0.00 | 22.52 0.16 0.00 |
| V_E_10_SYNC_DSASP 323830 | 21.68 1.14 0.00 | 19.78 1.01 0.00 | 17.05 0.82 0.00 | 19.09 0.91 0.00 | 21.55 1.10 0.00 | 22.20 1.19 0.00 | 24.53 1.53 0.00 | 26.27 1.66 0.00 | 24.70 1.40 0.00 | 22.39 1.01 0.00 | 21.86 0.92 0.00 | 21.86 0.92 0.00 | 22.71 0.93 0.00 | 31.56 1.65 0.00 | 32.28 1.46 0.00 | 27.85 1.33 0.00 | 28.99 1.54 0.00 | 27.67 1.65 0.00 | 37.72 2.67 0.00 | 34.95 2.61 0.00 | 31.56 2.38 0.00 | 25.89 1.89 0.00 | 26.05 1.67 0.00 | 23.68 1.33 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 21.76 1.23 0.00 | 19.95 1.18 0.00 | 17.30 1.08 0.00 | 19.35 1.17 0.00 | 21.69 1.24 0.00 | 22.22 1.21 0.00 | 24.24 1.24 0.00 | 25.87 1.27 0.00 | 24.37 1.07 0.00 | 22.18 0.79 0.00 | 21.70 0.75 0.00 | 21.70 0.75 0.00 | 22.59 0.82 0.00 | 31.05 1.15 0.00 | 32.33 1.52 0.00 | 27.99 1.47 0.00 | 29.21 1.76 0.00 | 27.77 1.74 0.00 | 37.45 2.40 0.00 | 34.76 2.42 0.00 | 31.31 2.13 0.00 | 25.60 1.60 0.00 | 25.74 1.36 0.00 | 23.54 1.19 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 21.03 0.49 0.00 | 19.26 0.48 0.00 | 16.72 0.49 0.00 | 18.68 0.50 0.00 | 20.96 0.52 0.00 | 21.48 0.47 0.00 | 23.43 0.44 0.00 | 25.01 0.41 0.00 | 23.74 0.43 0.00 | 21.69 0.30 0.00 | 21.24 0.29 0.00 | 21.24 0.29 0.00 | 22.06 0.29 0.00 | 30.18 0.28 0.00 | 31.37 0.55 0.00 | 27.14 0.61 0.00 | 28.25 0.80 0.00 | 26.80 0.77 0.00 | 36.05 1.00 0.00 | 33.43 1.09 0.00 | 30.13 0.95 0.00 | 24.68 0.68 0.00 | 24.80 0.42 0.00 | 22.70 0.34 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 20.98 0.44 0.00 | 19.26 0.48 0.00 | 16.66 0.43 0.00 | 18.65 0.47 0.00 | 20.98 0.53 0.00 | 21.58 0.57 0.00 | 23.68 0.68 0.00 | 25.40 0.80 0.00 | 23.81 0.51 0.00 | 21.91 0.52 0.00 | 21.49 0.54 0.00 | 21.49 0.54 0.00 | 22.40 0.62 0.00 | 30.64 0.73 0.00 | 31.50 0.68 0.00 | 27.00 0.47 0.00 | 27.91 0.46 0.00 | 26.38 0.35 0.00 | 35.53 0.47 0.00 | 32.84 0.50 0.00 | 29.37 0.19 0.00 | 23.96 -0.03 0.00 | 24.51 0.12 0.00 | 22.68 0.32 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 21.28 0.74 0.00 | 19.43 0.65 0.00 | 16.81 0.58 0.00 | 18.77 0.58 0.00 | 21.11 0.66 0.00 | 21.73 0.72 0.00 | 23.78 0.78 0.00 | 25.48 0.88 0.00 | 24.25 0.95 0.00 | 22.23 0.84 0.00 | 21.76 0.82 0.00 | 21.76 0.82 0.00 | 22.86 1.09 0.00 | 31.55 1.64 0.00 | 32.77 1.96 0.00 | 28.46 1.93 0.00 | 29.49 2.04 0.00 | 27.94 1.91 0.00 | 37.46 2.41 0.00 | 34.49 2.15 0.00 | 31.06 1.87 0.00 | 25.46 1.47 0.00 | 25.55 1.16 0.00 | 23.35 0.99 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 21.38 0.84 0.00 | 19.52 0.74 0.00 | 16.90 0.67 0.00 | 18.87 0.68 0.00 | 21.21 0.76 0.00 | 21.82 0.81 0.00 | 23.88 0.88 0.00 | 25.58 0.98 0.00 | 24.38 1.08 0.00 | 22.37 0.98 0.00 | 21.91 0.96 0.00 | 21.91 0.96 0.00 | 22.99 1.22 0.00 | 31.70 1.79 0.00 | 32.95 2.14 0.00 | 28.62 2.09 0.00 | 29.66 2.21 0.00 | 28.08 2.06 0.00 | 37.61 2.56 0.00 | 34.62 2.28 0.00 | 31.20 2.02 0.00 | 25.59 1.59 0.00 | 25.66 1.28 0.00 | 23.46 1.11 0.00 |
| W50THST__13_KV_LOAD 356117 | 21.46 0.92 0.00 | 19.58 0.81 0.00 | 16.96 0.73 0.00 | 18.93 0.75 0.00 | 21.29 0.84 0.00 | 21.91 0.90 0.00 | 23.99 0.99 0.00 | 25.70 1.10 0.00 | 24.50 1.20 0.00 | 22.48 1.09 0.00 | 22.01 1.07 0.00 | 22.01 1.07 0.00 | 23.12 1.34 0.00 | 31.88 1.97 0.00 | 33.14 2.32 0.00 | 28.78 2.26 0.00 | 29.83 2.37 0.00 | 28.23 2.20 0.00 | 37.81 2.76 0.00 | 34.79 2.45 0.00 | 31.34 2.16 0.00 | 25.70 1.71 0.00 | 25.77 1.38 0.00 | 23.55 1.20 0.00 |
| WADING RIVER_IC_1 23522 | 21.41 0.87 0.00 | 19.54 0.77 0.00 | 17.00 0.78 0.00 | 18.95 0.77 0.00 | 21.33 0.88 0.00 | 22.06 1.05 0.00 | 24.23 1.23 0.00 | 25.91 1.30 0.00 | 24.55 1.24 0.00 | 22.47 1.09 0.00 | 22.01 1.07 0.00 | 22.01 1.07 0.00 | 26.03 1.29 -2.97 | 32.45 1.86 -0.68 | 33.97 2.28 -0.87 | 34.85 2.29 -6.03 | 29.93 2.47 0.00 | 28.33 2.30 0.00 | 37.93 2.88 0.00 | 34.89 2.55 0.00 | 31.49 2.30 0.00 | 25.75 1.76 0.00 | 26.17 1.50 -0.29 | 23.48 1.13 0.00 |
| WADING RIVER_IC_2 23547 | 21.41 0.87 0.00 | 19.54 0.77 0.00 | 17.00 0.78 0.00 | 18.95 0.77 0.00 | 21.33 0.88 0.00 | 22.06 1.05 0.00 | 24.23 1.23 0.00 | 25.91 1.30 0.00 | 24.55 1.24 0.00 | 22.47 1.09 0.00 | 22.01 1.07 0.00 | 22.01 1.07 0.00 | 26.03 1.29 -2.97 | 32.45 1.86 -0.68 | 33.97 2.28 -0.87 | 34.85 2.29 -6.03 | 29.93 2.47 0.00 | 28.33 2.30 0.00 | 37.93 2.88 0.00 | 34.89 2.55 0.00 | 31.49 2.30 0.00 | 25.75 1.76 0.00 | 26.17 1.50 -0.29 | 23.48 1.13 0.00 |
| WADING RIVER_IC_3 23601 | 21.41 0.87 0.00 | 19.54 0.77 0.00 | 17.00 0.78 0.00 | 18.95 0.77 0.00 | 21.33 0.88 0.00 | 22.06 1.05 0.00 | 24.23 1.23 0.00 | 25.91 1.30 0.00 | 24.55 1.24 0.00 | 22.47 1.09 0.00 | 22.01 1.07 0.00 | 22.01 1.07 0.00 | 26.03 1.29 -2.97 | 32.45 1.86 -0.68 | 33.97 2.28 -0.87 | 34.85 2.29 -6.03 | 29.93 2.47 0.00 | 28.33 2.30 0.00 | 37.93 2.88 0.00 | 34.89 2.55 0.00 | 31.49 2.30 0.00 | 25.75 1.76 0.00 | 26.17 1.50 -0.29 | 23.48 1.13 0.00 |
| WALDENNY_12_KV_BK2 80841 | 19.45 -1.09 0.00 | 17.86 -0.91 0.00 | 15.34 -0.88 0.00 | 17.22 -0.97 0.00 | 19.39 -1.06 0.00 | 19.91 -1.09 0.00 | 21.92 -1.08 0.00 | 23.45 -1.15 0.00 | 22.24 -1.06 0.00 | 20.74 -0.65 0.00 | 20.32 -0.63 0.00 | 20.32 -0.63 0.00 | 21.43 -0.35 0.00 | 29.75 -0.15 0.00 | 30.38 -0.43 0.00 | 26.12 -0.40 0.00 | 26.64 -0.81 0.00 | 25.07 -0.96 0.00 | 33.94 -1.12 0.00 | 31.09 -1.25 0.00 | 28.00 -1.18 0.00 | 23.10 -0.90 0.00 | 23.44 -0.95 0.00 | 21.30 -1.05 0.00 |
| WALDEN__HYDRO 24148 | 21.23 0.70 0.00 | 19.38 0.61 0.00 | 16.77 0.55 0.00 | 18.74 0.56 0.00 | 21.07 0.62 0.00 | 21.68 0.68 0.00 | 23.73 0.73 0.00 | 25.42 0.81 0.00 | 24.16 0.86 0.00 | 22.12 0.73 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.67 0.90 0.00 | 31.24 1.34 0.00 | 32.46 1.65 0.00 | 28.19 1.66 0.00 | 29.26 1.80 0.00 | 27.76 1.73 0.00 | 37.26 2.21 0.00 | 34.34 2.00 0.00 | 30.94 1.75 0.00 | 25.36 1.37 0.00 | 25.47 1.08 0.00 | 23.26 0.91 0.00 |
| WARRENSBURG____ 23737 | 21.89 1.36 0.00 | 20.12 1.35 0.00 | 17.47 1.24 0.00 | 19.53 1.35 0.00 | 21.78 1.34 0.00 | 22.30 1.29 0.00 | 24.29 1.29 0.00 | 25.88 1.28 0.00 | 24.34 1.03 0.00 | 22.13 0.74 0.00 | 21.66 0.71 0.00 | 21.66 0.71 0.00 | 22.57 0.79 0.00 | 31.08 1.18 0.00 | 32.42 1.60 0.00 | 28.15 1.62 0.00 | 29.40 1.95 0.00 | 27.95 1.92 0.00 | 37.64 2.59 0.00 | 34.93 2.59 0.00 | 31.48 2.30 0.00 | 25.75 1.75 0.00 | 25.95 1.57 0.00 | 23.71 1.36 0.00 |
| WATERSIDE____6 8 9 23538 | 21.43 0.89 0.00 | 19.57 0.80 0.00 | 16.94 0.72 0.00 | 18.92 0.73 0.00 | 21.25 0.81 0.00 | 21.87 0.86 0.00 | 23.94 0.94 0.00 | 25.64 1.04 0.00 | 24.44 1.14 0.00 | 22.43 1.05 0.00 | 21.97 1.03 0.00 | 21.97 1.03 0.00 | 23.05 1.28 0.00 | 31.80 1.89 0.00 | 33.07 2.25 0.00 | 28.73 2.20 0.00 | 29.77 2.31 0.00 | 28.18 2.15 0.00 | 37.73 2.68 0.00 | 34.72 2.38 0.00 | 31.29 2.11 0.00 | 25.68 1.68 0.00 | 25.73 1.34 0.00 | 23.54 1.19 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 20.64 0.11 0.00 | 18.87 0.10 0.00 | 16.34 0.12 0.00 | 18.31 0.13 0.00 | 20.56 0.12 0.00 | 21.08 0.07 0.00 | 23.05 0.05 0.00 | 24.59 -0.02 0.00 | 23.20 -0.11 0.00 | 21.14 -0.24 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.52 -0.25 0.00 | 29.53 -0.38 0.00 | 30.58 -0.24 0.00 | 26.40 -0.13 0.00 | 27.48 0.03 0.00 | 26.16 0.13 0.00 | 35.40 0.34 0.00 | 32.79 0.45 0.00 | 29.60 0.42 0.00 | 24.32 0.32 0.00 | 24.54 0.16 0.00 | 22.43 0.08 0.00 |
| WATSON____69_KV_BK 1 55734 | 21.93 1.39 0.00 | 19.98 1.21 0.00 | 17.31 1.08 0.00 | 19.29 1.11 0.00 | 21.70 1.25 0.00 | 22.41 1.40 0.00 | 24.60 1.60 0.00 | 26.33 1.73 0.00 | 25.06 1.75 0.00 | 22.96 1.57 0.00 | 22.47 1.53 0.00 | 22.47 1.53 0.00 | 26.56 1.82 -2.96 | 33.20 2.63 -0.68 | 34.73 3.04 -0.87 | 35.50 2.94 -6.03 | 30.58 3.12 0.00 | 28.95 2.92 0.00 | 38.78 3.73 0.00 | 35.67 3.33 0.00 | 32.17 2.99 0.00 | 26.31 2.32 0.00 | 26.73 2.06 -0.29 | 24.02 1.66 0.00 |
| WDELAWARE__HYD 323627 | 20.40 -0.14 0.00 | 18.60 -0.17 0.00 | 16.08 -0.15 0.00 | 17.97 -0.22 0.00 | 20.21 -0.24 0.00 | 20.80 -0.21 0.00 | 22.77 -0.22 0.00 | 24.42 -0.18 0.00 | 23.34 0.03 0.00 | 21.35 -0.04 0.00 | 20.90 -0.04 0.00 | 20.90 -0.04 0.00 | 21.84 0.07 0.00 | 30.13 0.23 0.00 | 31.32 0.50 0.00 | 27.25 0.72 0.00 | 28.29 0.84 0.00 | 26.95 0.92 0.00 | 36.30 1.25 0.00 | 33.47 1.13 0.00 | 30.10 0.91 0.00 | 24.64 0.64 0.00 | 24.71 0.33 0.00 | 22.55 0.20 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WEST BABYLON___IC 23714 | 21.90 1.36 0.00 | 19.95 1.18 0.00 | 17.28 1.05 0.00 | 19.26 1.07 0.00 | 21.66 1.21 0.00 | 22.35 1.34 0.00 | 24.53 1.53 0.00 | 26.25 1.65 0.00 | 24.99 1.69 0.00 | 22.89 1.51 0.00 | 22.41 1.47 0.00 | 22.41 1.47 0.00 | 26.50 1.76 -2.96 | 33.13 2.55 -0.68 | 34.58 2.90 -0.87 | 35.34 2.78 -6.03 | 30.38 2.93 0.00 | 28.75 2.72 0.00 | 38.50 3.45 0.00 | 35.42 3.08 0.00 | 31.96 2.77 0.00 | 26.19 2.20 0.00 | 26.67 1.99 -0.29 | 23.98 1.63 0.00 |
| WEST CANADA___HYD 24049 | 20.52 -0.02 0.00 | 18.76 -0.02 0.00 | 16.22 0.00 0.00 | 18.18 0.00 0.00 | 20.45 0.00 0.00 | 20.99 -0.02 0.00 | 22.97 -0.02 0.00 | 24.58 -0.02 0.00 | 23.28 -0.02 0.00 | 21.35 -0.04 0.00 | 20.90 -0.04 0.00 | 20.90 -0.04 0.00 | 21.73 -0.04 0.00 | 29.83 -0.08 0.00 | 30.79 -0.03 0.00 | 26.53 0.00 0.00 | 27.48 0.03 0.00 | 26.06 0.03 0.00 | 35.12 0.07 0.00 | 32.40 0.06 0.00 | 29.26 0.07 0.00 | 24.10 0.10 0.00 | 24.43 0.05 0.00 | 22.38 0.02 0.00 |
| WESTERN_NY_WIND 24143 | 19.84 -0.70 0.00 | 18.20 -0.57 0.00 | 15.63 -0.59 0.00 | 17.53 -0.65 0.00 | 19.74 -0.71 0.00 | 20.29 -0.71 0.00 | 22.33 -0.67 0.00 | 23.89 -0.72 0.00 | 22.56 -0.74 0.00 | 20.88 -0.50 0.00 | 20.44 -0.50 0.00 | 20.44 -0.50 0.00 | 21.48 -0.29 0.00 | 29.84 -0.06 0.00 | 30.49 -0.33 0.00 | 26.25 -0.27 0.00 | 26.85 -0.61 0.00 | 25.30 -0.72 0.00 | 34.54 -0.51 0.00 | 31.73 -0.61 0.00 | 28.63 -0.55 0.00 | 23.56 -0.43 0.00 | 23.86 -0.52 0.00 | 21.67 -0.68 0.00 |
| WESTOVER___LESR 323668 | 20.38 -0.16 0.00 | 18.64 -0.13 0.00 | 16.09 -0.13 0.00 | 18.06 -0.13 0.00 | 20.32 -0.14 0.00 | 20.87 -0.14 0.00 | 22.89 -0.11 0.00 | 24.51 -0.10 0.00 | 23.21 -0.09 0.00 | 21.34 -0.04 0.00 | 20.88 -0.06 0.00 | 20.88 -0.06 0.00 | 21.80 0.03 0.00 | 30.12 0.22 0.00 | 31.06 0.25 0.00 | 26.86 0.33 0.00 | 27.75 0.30 0.00 | 26.25 0.21 0.00 | 35.32 0.27 0.00 | 32.56 0.22 0.00 | 29.31 0.12 0.00 | 24.11 0.12 0.00 | 24.36 -0.03 0.00 | 22.19 -0.16 0.00 |
| WETHRSFD_WT_PWR 323626 | 19.41 -1.13 0.00 | 17.79 -0.99 0.00 | 15.32 -0.90 0.00 | 17.21 -0.97 0.00 | 19.39 -1.06 0.00 | 19.93 -1.08 0.00 | 21.94 -1.06 0.00 | 23.52 -1.08 0.00 | 22.31 -0.99 0.00 | 20.73 -0.66 0.00 | 20.29 -0.65 0.00 | 20.29 -0.65 0.00 | 21.34 -0.44 0.00 | 29.63 -0.28 0.00 | 30.36 -0.46 0.00 | 26.16 -0.36 0.00 | 26.76 -0.70 0.00 | 25.20 -0.83 0.00 | 34.06 -1.00 0.00 | 31.26 -1.08 0.00 | 28.16 -1.03 0.00 | 23.18 -0.81 0.00 | 23.52 -0.87 0.00 | 21.37 -0.98 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 21.20 0.66 0.00 | 19.36 0.58 0.00 | 16.75 0.52 0.00 | 18.71 0.53 0.00 | 21.04 0.60 0.00 | 21.65 0.64 0.00 | 23.69 0.69 0.00 | 25.39 0.78 0.00 | 24.15 0.85 0.00 | 22.14 0.75 0.00 | 21.68 0.73 0.00 | 21.68 0.73 0.00 | 22.76 0.98 0.00 | 31.39 1.49 0.00 | 32.61 1.80 0.00 | 28.31 1.79 0.00 | 29.35 1.89 0.00 | 27.80 1.77 0.00 | 37.26 2.21 0.00 | 34.31 1.97 0.00 | 30.91 1.73 0.00 | 25.35 1.36 0.00 | 25.43 1.05 0.00 | 23.26 0.90 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 21.20 0.66 0.00 | 19.36 0.58 0.00 | 16.75 0.52 0.00 | 18.71 0.53 0.00 | 21.04 0.60 0.00 | 21.65 0.64 0.00 | 23.69 0.69 0.00 | 25.39 0.78 0.00 | 24.15 0.85 0.00 | 22.14 0.75 0.00 | 21.68 0.73 0.00 | 21.68 0.73 0.00 | 22.76 0.98 0.00 | 31.39 1.49 0.00 | 32.61 1.80 0.00 | 28.31 1.79 0.00 | 29.35 1.89 0.00 | 27.80 1.77 0.00 | 37.26 2.21 0.00 | 34.31 1.97 0.00 | 30.91 1.73 0.00 | 25.35 1.36 0.00 | 25.43 1.05 0.00 | 23.26 0.90 0.00 |
| WHITEHAL_115KV_TB1 80871 | 22.06 1.52 0.00 | 20.58 1.80 0.00 | 17.99 1.77 0.00 | 20.09 1.91 0.00 | 22.45 2.00 0.00 | 22.90 1.89 0.00 | 24.74 1.75 0.00 | 26.44 1.83 0.00 | 24.65 1.35 0.00 | 22.32 0.93 0.00 | 21.85 0.90 0.00 | 21.85 0.90 0.00 | 22.77 1.00 0.00 | 31.49 1.59 0.00 | 33.18 2.36 0.00 | 28.99 2.46 0.00 | 30.38 2.93 0.00 | 28.75 2.72 0.00 | 38.44 3.39 0.00 | 35.73 3.39 0.00 | 32.33 3.14 0.00 | 26.55 2.56 0.00 | 26.50 2.11 0.00 | 24.24 1.89 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 21.51 0.97 0.00 | 19.64 0.86 0.00 | 16.99 0.77 0.00 | 18.98 0.79 0.00 | 21.34 0.89 0.00 | 21.96 0.95 0.00 | 24.03 1.04 0.00 | 25.77 1.17 0.00 | 24.54 1.23 0.00 | 22.50 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.12 1.35 0.00 | 31.88 1.97 0.00 | 33.15 2.33 0.00 | 28.80 2.27 0.00 | 29.88 2.42 0.00 | 28.31 2.29 0.00 | 37.94 2.88 0.00 | 34.91 2.58 0.00 | 31.43 2.25 0.00 | 25.77 1.78 0.00 | 25.84 1.45 0.00 | 23.60 1.25 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 21.61 1.07 0.00 | 19.72 0.95 0.00 | 17.12 0.90 0.00 | 19.08 0.90 0.00 | 21.47 1.02 0.00 | 22.19 1.19 0.00 | 24.38 1.39 0.00 | 26.08 1.48 0.00 | 24.75 1.45 0.00 | 22.66 1.27 0.00 | 22.18 1.24 0.00 | 22.18 1.24 0.00 | 26.20 1.47 -2.96 | 32.68 2.10 -0.68 | 34.20 2.52 -0.87 | 35.05 2.50 -6.03 | 30.14 2.69 0.00 | 28.54 2.51 0.00 | 38.24 3.18 0.00 | 35.18 2.84 0.00 | 31.75 2.56 0.00 | 25.96 1.97 0.00 | 26.39 1.71 -0.29 | 23.69 1.33 0.00 |
| WOODARD___115KV_TB2 355635 | 20.24 -0.30 0.00 | 18.50 -0.27 0.00 | 15.97 -0.25 0.00 | 17.91 -0.27 0.00 | 20.15 -0.30 0.00 | 20.71 -0.30 0.00 | 22.69 -0.31 0.00 | 24.25 -0.35 0.00 | 22.98 -0.33 0.00 | 21.12 -0.27 0.00 | 20.67 -0.27 0.00 | 20.67 -0.27 0.00 | 21.47 -0.30 0.00 | 29.50 -0.41 0.00 | 30.41 -0.40 0.00 | 26.24 -0.29 0.00 | 27.16 -0.30 0.00 | 25.77 -0.25 0.00 | 34.75 -0.31 0.00 | 32.03 -0.31 0.00 | 28.89 -0.30 0.00 | 23.74 -0.25 0.00 | 24.03 -0.35 0.00 | 21.98 -0.37 0.00 |
| YORK___WARBASSE 23770 | 21.46 0.92 0.00 | 19.60 0.83 0.00 | 16.96 0.73 0.00 | 18.93 0.74 0.00 | 21.28 0.83 0.00 | 21.90 0.89 0.00 | 23.97 0.97 0.00 | 25.69 1.09 0.00 | 24.50 1.20 0.00 | 22.49 1.11 0.00 | 22.03 1.09 0.00 | 22.03 1.09 0.00 | 23.14 1.36 0.00 | 31.94 2.04 0.00 | 33.21 2.40 0.00 | 28.86 2.33 0.00 | 29.88 2.42 0.00 | 28.27 2.24 0.00 | 37.86 2.81 0.00 | 34.86 2.52 0.00 | 31.43 2.24 0.00 | 25.78 1.78 0.00 | 25.83 1.44 0.00 | 23.62 1.27 0.00 |