

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/20/2023

| 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 | 19.54 | 17.89 | 16.28 | 15.47 | 16.63 | 18.96 | 23.41 | 27.62 | 25.60 | 23.54 | 22.70 | 22.24 | 22.40 | 23.05 | 23.55 | 24.47 | 27.21 | 33.28 | 34.36 | 33.70 | 29.94 | 24.89 | 22.86 | 20.89 |
| 24138 | 1.00 | 0.90 | 0.86 | 0.83 | 0.82 | 0.97 | 1.28 | 1.75 | 1.83 | 1.92 | 1.70 | 1.70 | 1.74 | 1.77 | 1.96 | 2.03 | 2.36 | 2.56 | 2.57 | 2.38 | 2.01 | 1.65 | 1.38 | 0.90 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.23 | -1.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.87 | 0.00 | -1.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 19.57 | 17.92 | 16.30 | 15.47 | 16.65 | 18.98 | 23.44 | 27.62 | 25.58 | 23.48 | 22.68 | 22.28 | 22.38 | 23.03 | 23.46 | 24.51 | 27.19 | 33.32 | 34.46 | 33.83 | 30.05 | 24.94 | 22.96 | 20.91 |
| 24260 | 1.04 | 0.93 | 0.88 | 0.83 | 0.84 | 0.99 | 1.31 | 1.75 | 1.81 | 1.86 | 1.68 | 1.75 | 1.71 | 1.75 | 1.88 | 2.07 | 2.34 | 2.59 | 2.67 | 2.51 | 2.12 | 1.70 | 1.48 | 0.92 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.23 | -1.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.87 | 0.00 | -1.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 19.57 | 17.92 | 16.30 | 15.47 | 16.65 | 18.98 | 23.44 | 27.62 | 25.58 | 23.48 | 22.68 | 22.28 | 22.38 | 23.03 | 23.46 | 24.51 | 27.19 | 33.32 | 34.46 | 33.83 | 30.05 | 24.94 | 22.96 | 20.91 |
| 24261 | 1.04 | 0.93 | 0.88 | 0.83 | 0.84 | 0.99 | 1.31 | 1.75 | 1.81 | 1.86 | 1.68 | 1.75 | 1.71 | 1.75 | 1.88 | 2.07 | 2.34 | 2.59 | 2.67 | 2.51 | 2.12 | 1.70 | 1.48 | 0.92 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.23 | -1.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.87 | 0.00 | -1.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 19.85 | 18.15 | 16.47 | 15.60 | 16.90 | 19.30 | 23.88 | 28.12 | 25.74 | 23.20 | 22.41 | 21.91 | 22.15 | 22.75 | 22.58 | 23.56 | 25.72 | 32.64 | 33.54 | 33.17 | 29.75 | 24.57 | 23.03 | 21.23 |
| 24011 | 1.32 | 1.16 | 1.05 | 0.97 | 1.09 | 1.31 | 1.75 | 1.95 | 1.70 | 1.58 | 1.41 | 1.38 | 1.49 | 1.47 | 0.99 | 0.91 | 0.87 | 1.43 | 1.75 | 1.85 | 1.82 | 1.32 | 1.55 | 1.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.53 | -1.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.08 | 0.00 | -2.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 19.96 | 18.25 | 16.55 | 15.70 | 17.01 | 19.43 | 24.06 | 28.34 | 25.93 | 23.37 | 22.56 | 22.03 | 22.29 | 22.90 | 23.23 | 24.17 | 26.42 | 33.48 | 34.49 | 34.14 | 30.64 | 25.29 | 23.11 | 21.37 |
| 23798 | 1.43 | 1.26 | 1.13 | 1.07 | 1.20 | 1.44 | 1.92 | 2.17 | 1.88 | 1.75 | 1.55 | 1.50 | 1.63 | 1.62 | 1.64 | 1.51 | 1.57 | 2.27 | 2.70 | 2.82 | 2.71 | 2.05 | 1.63 | 1.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.53 | -1.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.08 | 0.00 | -2.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 19.85 | 18.15 | 16.47 | 15.60 | 16.90 | 19.30 | 23.88 | 28.12 | 25.74 | 23.20 | 22.41 | 21.91 | 22.15 | 22.75 | 22.58 | 23.56 | 25.72 | 32.64 | 33.54 | 33.17 | 29.75 | 24.57 | 23.03 | 21.23 |
| 24028 | 1.32 | 1.16 | 1.05 | 0.97 | 1.09 | 1.31 | 1.75 | 1.95 | 1.70 | 1.58 | 1.41 | 1.38 | 1.49 | 1.47 | 0.99 | 0.91 | 0.87 | 1.43 | 1.75 | 1.85 | 1.82 | 1.32 | 1.55 | 1.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.53 | -1.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.08 | 0.00 | -2.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 19.50 | 17.92 | 16.32 | 15.44 | 16.68 | 19.03 | 23.32 | 27.54 | 25.23 | 22.70 | 21.95 | 21.50 | 21.63 | 22.24 | 22.71 | 23.79 | 26.27 | 32.98 | 33.76 | 33.11 | 29.61 | 24.54 | 22.51 | 20.81 |
| 23527 | 0.96 | 0.93 | 0.89 | 0.80 | 0.87 | 1.04 | 1.19 | 1.40 | 1.22 | 1.08 | 0.95 | 0.97 | 0.97 | 0.96 | 1.12 | 1.16 | 1.42 | 1.83 | 1.97 | 1.78 | 1.68 | 1.30 | 1.03 | 0.82 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.49 | -1.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.05 | 0.00 | -2.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 18.79 | 17.31 | 15.81 | 14.97 | 16.11 | 18.35 | 22.48 | 26.66 | 24.44 | 21.99 | 21.28 | 20.86 | 21.01 | 21.60 | 21.97 | 23.13 | 25.37 | 31.89 | 32.62 | 32.08 | 28.60 | 23.71 | 21.85 | 20.11 |
| 24190 | 0.26 | 0.32 | 0.39 | 0.34 | 0.30 | 0.36 | 0.35 | 0.52 | 0.43 | 0.37 | 0.27 | 0.33 | 0.35 | 0.32 | 0.39 | 0.50 | 0.52 | 0.73 | 0.83 | 0.75 | 0.67 | 0.46 | 0.37 | 0.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.49 | -1.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.06 | 0.00 | -2.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 18.07 | 16.58 | 15.05 | 14.33 | 15.48 | 17.60 | 21.53 | 24.03 | 22.09 | 21.08 | 20.58 | 20.10 | 20.25 | 20.86 | 21.15 | 21.06 | 24.26 | 28.43 | 31.12 | 30.70 | 27.40 | 22.80 | 21.07 | 19.69 |
| 355683 | -0.46 | -0.41 | -0.37 | -0.31 | -0.33 | -0.40 | -0.60 | -0.62 | -0.54 | -0.54 | -0.42 | -0.43 | -0.41 | -0.43 | -0.43 | -0.52 | -0.60 | -0.67 | -0.67 | -0.63 | -0.53 | -0.44 | -0.41 | -0.30 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 18.79 | 17.31 | 15.81 | 14.97 | 16.11 | 18.35 | 22.48 | 26.66 | 24.44 | 21.99 | 21.28 | 20.86 | 21.01 | 21.60 | 21.97 | 23.13 | 25.37 | 31.89 | 32.62 | 32.08 | 28.60 | 23.71 | 21.85 | 20.11 |
| 23571 | 0.26 | 0.32 | 0.39 | 0.34 | 0.30 | 0.36 | 0.35 | 0.52 | 0.43 | 0.37 | 0.27 | 0.33 | 0.35 | 0.32 | 0.39 | 0.50 | 0.52 | 0.73 | 0.83 | 0.75 | 0.67 | 0.46 | 0.37 | 0.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.49 | -1.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.06 | 0.00 | -2.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___2 | 18.79 | 17.31 | 15.81 | 14.97 | 16.11 | 18.35 | 22.48 | 26.66 | 24.44 | 21.99 | 21.28 | 20.86 | 21.01 | 21.60 | 21.97 | 23.13 | 25.37 | 31.89 | 32.62 | 32.08 | 28.60 | 23.71 | 21.85 | 20.11 |
| 23572 | 0.26 | 0.32 | 0.39 | 0.34 | 0.30 | 0.36 | 0.35 | 0.52 | 0.43 | 0.37 | 0.27 | 0.33 | 0.35 | 0.32 | 0.39 | 0.50 | 0.52 | 0.73 | 0.83 | 0.75 | 0.67 | 0.46 | 0.37 | 0.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.49 | -1.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.06 | 0.00 | -2.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___3 | 18.79 | 17.31 | 15.81 | 14.97 | 16.11 | 18.35 | 22.48 | 26.66 | 24.44 | 21.99 | 21.28 | 20.86 | 21.01 | 21.60 | 21.97 | 23.13 | 25.37 | 31.89 | 32.62 | 32.08 | 28.60 | 23.71 | 21.85 | 20.11 |
| 23573 | 0.26 | 0.32 | 0.39 | 0.34 | 0.30 | 0.36 | 0.35 | 0.52 | 0.43 | 0.37 | 0.27 | 0.33 | 0.35 | 0.32 | 0.39 | 0.50 | 0.52 | 0.73 | 0.83 | 0.75 | 0.67 | 0.46 | 0.37 | 0.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.49 | -1.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.06 | 0.00 | -2.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 18.79 0.26 0.00 | 17.31 0.32 0.00 | 15.81 0.39 0.00 | 14.97 0.34 0.00 | 16.11 0.30 0.00 | 18.35 0.36 0.00 | 22.48 0.35 0.00 | 26.66 0.52 -1.49 | 24.44 0.43 -1.38 | 21.99 0.37 0.00 | 21.28 0.27 0.00 | 20.86 0.33 0.00 | 21.01 0.35 0.00 | 21.60 0.32 0.00 | 21.97 0.39 0.00 | 23.13 0.50 -1.06 | 25.37 0.52 0.00 | 31.89 0.73 -2.06 | 32.62 0.83 0.00 | 32.08 0.75 0.00 | 28.60 0.67 0.00 | 23.71 0.46 0.00 | 21.85 0.37 0.00 | 20.11 0.12 0.00 |
| ALBANY___LFGE 323615 | 18.98 0.44 0.00 | 17.46 0.48 0.00 | 15.91 0.49 0.00 | 15.09 0.45 0.00 | 16.25 0.44 0.00 | 18.49 0.50 0.00 | 22.71 0.57 0.00 | 26.89 0.74 -1.50 | 24.65 0.63 -1.39 | 22.20 0.58 0.00 | 21.49 0.48 0.00 | 21.01 0.47 0.00 | 21.22 0.56 0.00 | 21.82 0.53 0.00 | 22.21 0.63 0.00 | 23.33 0.69 -1.06 | 25.60 0.74 0.00 | 32.16 0.99 -2.08 | 32.93 1.14 0.00 | 32.39 1.07 0.00 | 28.91 0.98 0.00 | 23.96 0.72 0.00 | 22.00 0.51 0.00 | 20.31 0.32 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 18.15 -0.39 0.00 | 16.65 -0.34 0.00 | 15.10 -0.32 0.00 | 14.40 -0.23 0.00 | 15.56 -0.25 0.00 | 17.67 -0.32 0.00 | 21.60 -0.53 0.00 | 24.08 -0.57 0.00 | 22.14 -0.50 0.00 | 21.10 -0.52 0.00 | 20.60 -0.40 0.00 | 20.10 -0.43 0.00 | 20.25 -0.41 0.00 | 20.88 -0.40 0.00 | 21.18 -0.41 0.00 | 21.08 -0.50 0.00 | 24.26 -0.60 0.00 | 28.45 -0.64 0.00 | 31.19 -0.60 0.00 | 30.76 -0.56 0.00 | 27.48 -0.45 0.00 | 22.89 -0.35 0.00 | 21.16 -0.32 0.00 | 19.79 -0.20 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 18.15 -0.39 0.00 | 16.65 -0.34 0.00 | 15.10 -0.32 0.00 | 14.40 -0.23 0.00 | 15.56 -0.25 0.00 | 17.67 -0.32 0.00 | 21.60 -0.53 0.00 | 24.08 -0.57 0.00 | 22.14 -0.50 0.00 | 21.10 -0.52 0.00 | 20.60 -0.40 0.00 | 20.10 -0.43 0.00 | 20.25 -0.41 0.00 | 20.88 -0.40 0.00 | 21.18 -0.41 0.00 | 21.08 -0.50 0.00 | 24.26 -0.60 0.00 | 28.45 -0.64 0.00 | 31.19 -0.60 0.00 | 30.76 -0.56 0.00 | 27.48 -0.45 0.00 | 22.89 -0.35 0.00 | 21.16 -0.32 0.00 | 19.79 -0.20 0.00 |
| ALCOA___DSASP 323711 | 18.15 -0.39 0.00 | 16.65 -0.34 0.00 | 15.10 -0.32 0.00 | 14.40 -0.23 0.00 | 15.56 -0.25 0.00 | 17.67 -0.32 0.00 | 21.60 -0.53 0.00 | 24.08 -0.57 0.00 | 22.14 -0.50 0.00 | 21.10 -0.52 0.00 | 20.60 -0.40 0.00 | 20.10 -0.43 0.00 | 20.25 -0.41 0.00 | 20.88 -0.41 0.00 | 21.07 -0.52 0.00 | 21.10 -0.47 0.00 | 24.28 -0.57 0.00 | 28.45 -0.64 0.00 | 31.19 -0.60 0.00 | 30.76 -0.56 0.00 | 27.48 -0.45 0.00 | 22.92 -0.33 0.00 | 21.31 -0.17 0.00 | 19.79 -0.20 0.00 |
| ALLEGHENY___COGEN 23514 | 20.04 1.50 0.00 | 18.23 1.24 0.00 | 16.44 1.02 0.00 | 15.54 0.91 0.00 | 16.87 1.06 0.00 | 19.18 1.19 0.00 | 23.75 1.61 0.00 | 26.00 1.18 -0.17 | 23.79 0.99 -0.15 | 22.57 0.95 0.00 | 21.76 0.75 0.00 | 21.17 0.64 0.00 | 21.20 0.54 0.00 | 21.97 0.68 0.00 | 22.28 0.69 0.00 | 22.47 0.78 -0.12 | 25.70 0.85 0.00 | 30.70 1.31 -0.29 | 33.28 1.49 0.00 | 33.17 1.85 0.00 | 29.30 1.37 0.00 | 24.54 1.30 0.00 | 22.53 1.05 0.00 | 21.09 1.10 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 19.09 0.56 0.00 | 17.52 0.53 0.00 | 15.95 0.52 0.00 | 15.10 0.47 0.00 | 16.30 0.49 0.00 | 18.57 0.58 0.00 | 22.82 0.69 0.00 | 26.98 0.84 -1.49 | 24.76 0.75 -1.38 | 22.33 0.71 0.00 | 21.61 0.61 0.00 | 21.17 0.64 0.00 | 21.30 0.64 0.00 | 21.92 0.64 0.00 | 22.28 0.69 0.00 | 23.43 0.80 -1.06 | 25.72 0.87 0.00 | 32.27 1.11 -2.07 | 33.00 1.21 0.00 | 32.48 1.16 0.00 | 28.96 1.03 0.00 | 24.03 0.79 0.00 | 22.17 0.69 0.00 | 20.45 0.46 0.00 |
| ALTONA_WT_PWR 323606 | 18.26 -0.28 0.00 | 16.79 -0.20 0.00 | 15.21 -0.22 0.00 | 14.52 -0.12 0.00 | 15.68 -0.13 0.00 | 17.85 -0.14 0.00 | 21.51 -0.62 0.00 | 24.18 -0.47 0.00 | 22.34 -0.29 0.00 | 21.36 -0.26 0.00 | 20.86 -0.15 0.00 | 20.29 -0.25 0.00 | 20.47 -0.19 0.00 | 21.14 -0.15 0.00 | 21.37 -0.22 0.00 | 21.40 -0.17 0.00 | 24.68 -0.17 0.00 | 28.95 -0.14 0.00 | 32.17 0.38 0.00 | 31.61 0.28 0.00 | 28.13 0.20 0.00 | 23.36 0.12 0.00 | 21.70 0.21 0.00 | 20.09 0.10 0.00 |
| AMERICAN_REF_FUEL 24010 | 19.05 0.52 0.00 | 17.38 0.39 0.00 | 15.67 0.25 0.00 | 14.87 0.23 0.00 | 16.08 0.27 0.00 | 18.17 0.18 0.00 | 22.22 0.09 0.00 | 23.98 -0.81 -0.14 | 22.11 -0.66 -0.13 | 21.16 -0.45 0.00 | 20.50 -0.50 0.00 | 20.06 -0.47 0.00 | 20.08 -0.58 0.00 | 20.75 -0.53 0.00 | 20.98 -0.60 0.00 | 21.15 -0.54 -0.12 | 23.83 -1.02 0.00 | 28.10 -1.22 -0.23 | 30.20 -1.59 0.01 | 30.13 -1.19 0.00 | 26.62 -1.31 0.00 | 22.43 -0.81 0.00 | 20.73 -0.75 0.00 | 19.91 -0.08 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 19.91 1.37 0.00 | 18.11 1.12 0.00 | 16.32 0.89 0.00 | 15.48 0.85 0.00 | 16.74 0.93 0.00 | 18.94 0.95 0.00 | 23.30 1.17 0.00 | 25.27 0.47 -0.16 | 23.30 0.52 -0.15 | 22.50 0.89 0.00 | 21.78 0.78 0.00 | 21.29 0.76 0.00 | 21.32 0.66 0.00 | 21.99 0.70 0.00 | 22.23 0.65 0.00 | 22.17 0.47 -0.13 | 25.32 0.47 0.00 | 29.88 0.52 -0.26 | 32.23 0.44 0.01 | 32.17 0.85 0.00 | 28.38 0.45 0.00 | 23.82 0.58 0.00 | 21.93 0.45 0.00 | 20.83 0.84 0.00 |
| ARTHUR_KILL_GT_1 23520 | 19.72 1.19 0.00 | 18.03 1.04 0.00 | 16.45 1.02 -0.01 | 15.64 1.00 -0.01 | 16.82 1.00 -0.01 | 18.98 0.99 0.00 | 23.28 1.15 0.00 | 27.44 1.58 -1.22 | 25.39 1.63 -1.12 | 23.34 1.73 0.01 | 22.51 1.51 0.01 | 22.04 1.52 0.01 | 22.20 1.55 0.01 | 22.85 1.58 0.01 | 23.37 1.79 0.01 | 24.33 1.90 -0.86 | 27.06 2.21 0.01 | 32.18 2.44 -0.64 | 32.04 2.54 2.30 | 31.35 2.35 2.32 | 29.88 1.95 0.01 | 24.79 1.56 0.01 | 22.82 1.33 -0.01 | 20.97 0.98 0.00 |
| ARTHUR_KILL_2 23512 | 19.67 1.13 0.00 | 17.99 1.00 0.00 | 16.42 0.99 -0.01 | 15.61 0.97 -0.01 | 16.78 0.96 -0.01 | 18.94 0.95 0.00 | 23.21 1.08 0.00 | 27.37 1.50 -1.22 | 25.35 1.58 -1.12 | 23.27 1.66 0.01 | 22.44 1.45 0.01 | 22.00 1.48 0.01 | 22.16 1.51 0.01 | 22.81 1.53 0.01 | 23.33 1.75 0.01 | 24.27 1.83 -0.86 | 27.01 2.16 0.01 | 32.09 2.36 -0.64 | 31.94 2.45 2.30 | 31.26 2.26 2.32 | 29.79 1.87 0.01 | 24.74 1.51 0.01 | 22.78 1.29 -0.01 | 20.93 0.94 0.00 |
| ARTHUR_KILL_3 23513 | 19.34 0.81 0.01 | 17.71 0.73 0.01 | 16.15 0.72 0.00 | 15.34 0.70 0.00 | 16.49 0.68 0.00 | 18.82 0.83 0.00 | 23.19 1.06 0.00 | 27.38 1.50 -1.23 | 25.33 1.56 -1.13 | 23.28 1.66 0.00 | 22.45 1.45 0.00 | 21.99 1.46 0.00 | 22.15 1.49 0.00 | 22.80 1.51 0.00 | 23.27 1.68 0.00 | 24.21 1.77 -0.87 | 26.89 2.04 0.00 | 31.84 2.10 -0.65 | 31.63 2.13 2.29 | 30.95 1.94 2.31 | 29.66 1.73 0.00 | 24.68 1.44 0.00 | 22.64 1.16 0.00 | 20.69 0.70 0.00 |
| ARTHUR_KILL_COGEN 323718 | 19.72 1.19 0.00 | 18.03 1.04 0.00 | 16.45 1.02 -0.01 | 15.64 1.00 -0.01 | 16.82 1.00 -0.01 | 18.98 0.99 0.00 | 23.28 1.15 0.00 | 27.44 1.58 -1.22 | 25.39 1.63 -1.12 | 23.34 1.73 0.01 | 22.51 1.51 0.01 | 22.04 1.52 0.01 | 22.20 1.55 0.01 | 22.85 1.58 0.01 | 23.37 1.79 0.01 | 24.33 1.90 -0.86 | 27.06 2.21 0.01 | 32.18 2.44 -0.64 | 32.04 2.54 2.30 | 31.35 2.35 2.32 | 29.88 1.95 0.01 | 24.79 1.56 0.01 | 22.82 1.33 -0.01 | 20.97 0.98 0.00 |
| ASHOKAN____ 23654 | 19.42 0.89 0.00 | 17.82 0.83 0.00 | 16.18 0.76 0.00 | 15.32 0.69 0.00 | 16.57 0.76 0.00 | 18.80 0.81 0.00 | 23.21 1.08 0.00 | 26.41 0.42 -1.34 | 24.08 0.20 -1.24 | 22.46 0.84 0.00 | 21.67 0.67 0.00 | 21.17 0.64 0.00 | 21.34 0.68 0.00 | 21.99 0.70 0.00 | 22.45 0.86 0.00 | 22.94 0.41 -0.95 | 26.00 1.14 0.00 | 31.78 0.84 -1.85 | 33.73 1.94 0.00 | 33.33 2.01 0.00 | 29.58 1.65 0.00 | 24.45 1.21 0.00 | 22.40 0.92 0.00 | 20.71 0.72 0.00 |

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|-----------------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|
| ASTORIA_EAST_ENERGY_CC1 323581 | 19.52 0.98 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.91 0.92 0.00 | 23.25 1.13 0.01 | 27.47 1.60 -1.22 | 25.44 1.68 -1.12 | 23.38 1.77 0.01 | 22.54 1.53 -0.01 | 22.08 1.54 -0.01 | 22.24 1.57 -0.01 | 22.89 1.60 -0.01 | 23.36 1.77 -0.01 | 24.28 1.83 -0.88 | 26.95 2.09 -0.01 | 33.00 2.27 -1.64 | 34.12 2.32 -0.01 | 33.46 2.13 -0.01 | 29.78 1.84 -0.01 | 24.80 1.56 0.00 | 22.84 1.35 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 19.52 0.98 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.91 0.92 0.00 | 23.25 1.13 0.01 | 27.47 1.60 -1.22 | 25.44 1.68 -1.12 | 23.38 1.77 0.01 | 22.54 1.53 -0.01 | 22.08 1.54 -0.01 | 22.24 1.57 -0.01 | 22.89 1.60 -0.01 | 23.36 1.77 -0.01 | 24.28 1.83 -0.88 | 26.95 2.09 -0.01 | 33.00 2.27 -1.64 | 34.12 2.32 -0.01 | 33.46 2.13 -0.01 | 29.78 1.84 -0.01 | 24.80 1.56 0.00 | 22.84 1.35 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT2_1 24094 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT2_2 24095 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT2_3 24096 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT2_4 24097 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT3_1 24098 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT3_2 24099 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT3_3 24100 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT3_4 24101 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT4_1 24102 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT4_2 24103 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT4_3 24104 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT4_4 24105 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.93 0.94 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.34 1.75 -0.01 | 24.37 1.92 -0.88 | 27.00 2.14 -0.01 | 33.12 2.39 -1.64 | 34.25 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.82 1.58 0.00 | 22.95 1.46 -0.01 | 20.79 0.80 0.00 |
| ASTORIA_GT_1 23523 | 19.55 1.02 0.00 | 17.99 1.00 0.00 | 16.37 0.94 -0.01 | 15.56 0.92 -0.01 | 16.74 0.92 -0.01 | 18.94 0.95 0.00 | 23.29 1.17 0.01 | 27.52 1.65 -1.22 | 25.48 1.72 -1.12 | 23.43 1.82 0.01 | 22.59 1.58 -0.01 | 22.12 1.58 -0.01 | 22.28 1.61 -0.01 | 22.93 1.64 -0.01 | 23.43 1.83 -0.01 | 24.35 1.90 -0.01 | 27.02 2.16 -0.01 | 33.06 2.33 -1.64 | 34.18 2.39 -0.01 | 33.56 2.22 -0.01 | 29.86 1.93 -0.01 | 24.87 1.63 0.00 | 22.88 1.40 -0.01 | 20.83 0.84 0.00 |

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|----------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|
| ASTORIA_GT_10 24110 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.49 0.85 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.24 1.70 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.22 1.86 -7.77 | 31.35 2.05 -7.72 | 34.13 2.26 -7.02 | 35.18 2.53 -3.56 | 34.40 2.61 -0.01 | 33.78 2.44 -0.01 | 30.03 2.09 -0.01 | 24.91 1.67 0.00 | 22.97 1.48 -0.01 | 20.89 0.90 0.00 |
| ASTORIA_GT_11 24225 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.49 0.85 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.24 1.70 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.22 1.86 -7.77 | 31.35 2.05 -7.72 | 34.13 2.26 -7.02 | 35.18 2.53 -3.56 | 34.40 2.61 -0.01 | 33.78 2.44 -0.01 | 30.03 2.09 -0.01 | 24.91 1.67 0.00 | 22.97 1.48 -0.01 | 20.89 0.90 0.00 |
| ASTORIA_GT_12 24226 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.49 0.85 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.24 1.70 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.22 1.86 -7.77 | 31.35 2.05 -7.72 | 34.13 2.26 -7.02 | 35.18 2.53 -3.56 | 34.40 2.61 -0.01 | 33.78 2.44 -0.01 | 30.03 2.09 -0.01 | 24.91 1.67 0.00 | 22.97 1.48 -0.01 | 20.89 0.90 0.00 |
| ASTORIA_GT_13 24227 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.49 0.85 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.24 1.70 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.22 1.86 -7.77 | 31.35 2.05 -7.72 | 34.13 2.26 -7.02 | 35.18 2.53 -3.56 | 34.40 2.61 -0.01 | 33.78 2.44 -0.01 | 30.03 2.09 -0.01 | 24.91 1.67 0.00 | 22.97 1.48 -0.01 | 20.89 0.90 0.00 |
| ASTORIA_GT_5 24106 | 19.55 1.02 0.00 | 17.99 1.00 0.00 | 16.37 0.94 -0.01 | 15.56 0.92 -0.01 | 16.74 0.92 -0.01 | 18.94 0.95 0.00 | 23.29 1.17 0.01 | 27.52 1.65 -1.22 | 25.48 1.72 -1.12 | 23.43 1.82 0.01 | 22.59 1.58 -0.01 | 22.12 1.58 -0.01 | 22.28 1.61 -0.01 | 22.93 1.64 -0.01 | 23.43 1.83 -0.01 | 24.35 1.90 -0.88 | 27.02 2.16 -0.01 | 33.06 2.33 -1.64 | 34.18 2.39 -0.01 | 33.56 2.22 -0.01 | 29.86 1.93 -0.01 | 24.87 1.63 0.00 | 22.88 1.40 -0.01 | 20.83 0.84 0.00 |
| ASTORIA_GT_7 24107 | 19.55 1.02 0.00 | 17.99 1.00 0.00 | 16.37 0.94 -0.01 | 15.56 0.92 -0.01 | 16.74 0.92 -0.01 | 18.94 0.95 0.00 | 23.29 1.17 0.01 | 27.52 1.65 -1.22 | 25.48 1.72 -1.12 | 23.43 1.82 0.01 | 22.59 1.58 -0.01 | 22.12 1.58 -0.01 | 22.28 1.61 -0.01 | 22.93 1.64 -0.01 | 23.43 1.83 -0.01 | 24.35 1.90 -0.88 | 27.02 2.16 -0.01 | 33.06 2.33 -1.64 | 34.18 2.39 -0.01 | 33.56 2.22 -0.01 | 29.86 1.93 -0.01 | 24.87 1.63 0.00 | 22.88 1.40 -0.01 | 20.83 0.84 0.00 |
| ASTORIA_GT_8 24108 | 19.55 1.02 0.00 | 17.99 1.00 0.00 | 16.39 0.96 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.94 0.95 0.00 | 23.30 1.17 0.00 | 27.53 1.65 -1.23 | 25.48 1.72 -1.12 | 23.40 1.79 0.01 | 22.59 1.58 -0.01 | 22.18 1.64 -0.01 | 22.30 1.63 -0.01 | 22.93 1.64 -0.01 | 23.39 1.79 -0.01 | 24.41 1.96 -0.88 | 27.05 2.19 -0.01 | 33.18 2.44 -1.64 | 34.31 2.51 -0.01 | 33.68 2.35 -0.01 | 29.92 1.98 -0.01 | 24.87 1.63 0.00 | 22.97 1.48 -0.01 | 20.83 0.84 0.00 |
| ASTORIA___2 24149 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.55 0.91 -0.01 | 16.72 0.90 -0.01 | 18.93 0.93 0.00 | 23.27 1.15 0.01 | 27.49 1.63 -1.22 | 25.44 1.68 -1.12 | 23.38 1.77 0.01 | 22.54 1.53 -0.01 | 22.10 1.56 -0.01 | 22.24 1.57 -0.01 | 22.89 1.60 -0.01 | 23.39 1.79 -0.01 | 24.31 1.86 -0.88 | 26.97 2.11 -0.01 | 33.00 2.27 -1.64 | 34.12 2.32 -0.01 | 33.49 2.16 -0.01 | 29.81 1.87 -0.01 | 24.82 1.58 0.00 | 22.84 1.35 -0.01 | 20.79 0.80 0.00 |
| ASTORIA___3 23516 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.50 0.86 -0.01 | 16.69 0.87 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.26 1.90 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.06 2.41 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.88 1.40 -0.01 | 20.89 0.90 0.00 |
| ASTORIA___4 23517 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.49 0.85 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.24 1.70 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.22 1.86 -7.77 | 31.35 2.05 -7.72 | 34.13 2.26 -7.02 | 35.18 2.53 -3.56 | 34.40 2.61 -0.01 | 33.78 2.44 -0.01 | 30.03 2.09 -0.01 | 24.91 1.67 0.00 | 22.97 1.48 -0.01 | 20.89 0.90 0.00 |
| ASTORIA___5 23518 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.50 0.86 -0.01 | 16.69 0.87 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.26 1.90 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.06 2.41 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.88 1.40 -0.01 | 20.89 0.90 0.00 |
| AST_ENERGY_2_CC3 323677 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.55 0.74 0.00 | 18.87 0.88 0.00 | 23.28 1.15 0.00 | 27.45 1.58 -1.23 | 25.42 1.65 -1.13 | 23.35 1.73 0.00 | 22.53 1.53 0.00 | 22.07 1.54 0.00 | 22.23 1.57 0.00 | 22.86 1.58 0.00 | 23.36 1.77 0.00 | 24.30 1.86 -0.87 | 26.96 2.11 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.77 1.84 0.00 | 24.75 1.51 0.00 | 22.73 1.25 0.00 | 20.77 0.78 0.00 |
| AST_ENERGY_2_CC4 323678 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.55 0.74 0.00 | 18.87 0.88 0.00 | 23.28 1.15 0.00 | 27.45 1.58 -1.23 | 25.42 1.65 -1.13 | 23.35 1.73 0.00 | 22.53 1.53 0.00 | 22.07 1.54 0.00 | 22.23 1.57 0.00 | 22.86 1.58 0.00 | 23.36 1.77 0.00 | 24.30 1.86 -0.87 | 26.96 2.11 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.77 1.84 0.00 | 24.75 1.51 0.00 | 22.73 1.25 0.00 | 20.77 0.78 0.00 |
| ATHENS_STG_1 23668 | 19.20 0.67 0.00 | 17.62 0.63 0.00 | 16.01 0.59 0.00 | 15.19 0.56 0.00 | 16.38 0.57 0.00 | 18.66 0.67 0.00 | 22.95 0.82 0.00 | 27.03 1.03 -1.34 | 24.87 0.99 -1.24 | 22.61 0.99 0.00 | 21.86 0.86 0.00 | 21.39 0.86 0.00 | 21.55 0.89 0.00 | 22.18 0.89 0.00 | 22.60 1.01 0.00 | 23.60 1.08 -0.95 | 26.07 1.22 0.00 | 32.33 1.40 -1.84 | 33.28 1.49 0.00 | 32.70 1.38 0.00 | 29.19 1.26 0.00 | 24.24 1.00 0.00 | 22.30 0.82 0.00 | 20.57 0.58 0.00 |
| ATHENS_STG_2 23670 | 19.20 0.67 0.00 | 17.62 0.63 0.00 | 16.01 0.59 0.00 | 15.19 0.56 0.00 | 16.38 0.57 0.00 | 18.66 0.67 0.00 | 22.95 0.82 0.00 | 27.03 1.03 -1.34 | 24.87 0.99 -1.24 | 22.61 0.99 0.00 | 21.86 0.86 0.00 | 21.39 0.86 0.00 | 21.55 0.89 0.00 | 22.18 0.89 0.00 | 22.60 1.01 0.00 | 23.60 1.08 -0.95 | 26.07 1.22 0.00 | 32.33 1.40 -1.84 | 33.28 1.49 0.00 | 32.70 1.38 0.00 | 29.19 1.26 0.00 | 24.24 1.00 0.00 | 22.30 0.82 0.00 | 20.57 0.58 0.00 |

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|--------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_3 23677 | 19.20 0.67 0.00 | 17.62 0.63 0.00 | 16.01 0.59 0.00 | 15.19 0.56 0.00 | 16.38 0.57 0.00 | 18.66 0.67 0.00 | 22.95 0.82 0.00 | 27.03 1.03 -1.34 | 24.87 0.99 -1.24 | 22.61 0.99 0.00 | 21.86 0.86 0.00 | 21.39 0.86 0.00 | 21.55 0.89 0.00 | 22.18 0.89 0.00 | 22.60 1.01 0.00 | 23.60 1.08 -0.95 | 26.07 1.22 0.00 | 32.33 1.40 -1.84 | 33.28 1.49 0.00 | 32.70 1.38 0.00 | 29.19 1.26 0.00 | 24.24 1.00 0.00 | 22.30 0.82 0.00 | 20.57 0.58 0.00 |
| AUBURN___LFGE 323710 | 18.98 0.44 0.00 | 17.36 0.37 0.00 | 15.71 0.29 0.00 | 14.90 0.26 0.00 | 16.13 0.32 0.00 | 18.31 0.32 0.00 | 22.68 0.55 0.00 | 25.37 0.57 -0.16 | 23.21 0.43 -0.14 | 22.03 0.41 0.00 | 21.34 0.34 0.00 | 20.80 0.27 0.00 | 20.93 0.27 0.00 | 21.58 0.30 0.00 | 21.85 0.26 0.00 | 21.99 0.30 -0.11 | 25.23 0.37 0.00 | 29.76 0.44 -0.23 | 32.20 0.41 0.00 | 31.86 0.53 0.00 | 28.43 0.50 0.00 | 23.71 0.46 0.00 | 21.87 0.39 0.00 | 20.27 0.28 0.00 |
| BABYLON_RES_REC 323704 | 20.20 1.65 -0.02 | 18.42 1.43 0.00 | 16.63 1.20 0.00 | 15.81 1.17 0.00 | 17.05 1.23 0.00 | 19.57 1.56 -0.01 | 23.97 1.84 0.00 | 28.29 2.42 -1.23 | 26.20 2.42 -1.14 | 24.06 2.44 0.00 | 24.64 2.14 -1.49 | 25.09 2.14 -2.42 | 25.50 2.13 -2.71 | 26.71 2.19 -3.23 | 29.84 2.42 -5.84 | 33.31 2.46 -9.28 | 46.83 2.86 -19.12 | 53.81 3.17 -21.55 | 52.90 3.37 -17.74 | 51.15 3.23 -16.60 | 35.26 2.88 -4.45 | 32.36 2.35 -6.77 | 26.32 2.06 -2.77 | 21.54 1.54 -0.01 |
| BABYLON__69_KV_BK2 356345 | 20.44 1.89 -0.02 | 18.64 1.65 0.00 | 16.73 1.31 0.00 | 15.95 1.32 0.00 | 17.22 1.41 0.00 | 19.77 1.78 0.00 | 24.21 2.08 0.00 | 28.56 2.69 -1.23 | 26.46 2.69 -1.13 | 24.23 2.62 0.00 | 24.91 2.42 -1.49 | 25.35 2.40 -2.42 | 25.77 2.40 -2.71 | 26.96 2.45 -3.23 | 30.06 2.63 -5.84 | 33.66 2.80 -9.28 | 47.33 3.21 -19.27 | 59.96 3.67 -27.20 | 53.41 3.88 -17.74 | 51.68 3.76 -16.60 | 37.90 3.27 -6.71 | 32.68 2.67 -6.77 | 26.68 2.43 -2.77 | 21.79 1.80 0.00 |
| BALL_HILL_WT_PWR 323825 | 19.57 1.04 0.00 | 17.84 0.85 0.00 | 16.08 0.66 0.00 | 15.32 0.69 0.00 | 16.52 0.71 0.00 | 18.66 0.67 0.00 | 22.91 0.77 0.00 | 24.80 0.00 -0.15 | 22.85 0.07 -0.14 | 22.05 0.43 0.00 | 21.34 0.34 0.00 | 20.72 0.18 0.00 | 20.89 0.23 0.00 | 21.58 0.30 0.00 | 21.85 0.26 0.00 | 21.78 0.09 -0.12 | 24.93 0.07 0.00 | 29.16 -0.15 -0.21 | 31.50 -0.29 0.01 | 31.32 0.00 0.00 | 27.82 -0.11 0.00 | 23.43 0.19 0.00 | 21.55 0.06 0.00 | 20.49 0.50 0.00 |
| BARON_WINDS___WT_PWR 323822 | 19.35 0.81 0.00 | 17.65 0.66 0.00 | 15.93 0.51 0.00 | 15.10 0.47 0.00 | 16.35 0.54 0.00 | 18.53 0.54 0.00 | 22.88 0.75 0.00 | 24.84 0.00 -0.19 | 22.84 0.02 -0.18 | 21.94 0.32 0.00 | 21.23 0.23 0.00 | 20.72 0.18 0.00 | 20.79 0.12 0.00 | 21.50 0.21 0.00 | 21.74 0.15 0.00 | 21.67 -0.04 -0.14 | 24.85 0.00 0.00 | 29.71 0.26 -0.36 | 31.98 0.19 0.00 | 31.76 0.44 0.00 | 28.21 0.28 0.00 | 23.61 0.37 0.00 | 21.72 0.24 0.00 | 20.47 0.48 0.00 |
| BARRETT_IC_1 23704 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT_IC_10 23701 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT_IC_11 23702 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT_IC_12 23703 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT_IC_2 23705 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT_IC_3 23706 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT_IC_4 23707 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT_IC_5 23708 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT_IC_6 23709 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |

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| BARRETT_IC_7 23710 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.42 1.00 0.00 | 15.63 1.00 0.00 | 16.87 1.06 0.00 | 19.32 1.33 0.00 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.85 2.08 -1.13 | 23.69 2.08 0.00 | 24.34 1.85 -1.49 | 24.80 1.85 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.39 1.96 -5.84 | 32.95 2.09 -9.28 | 46.23 2.36 -19.02 | 49.51 2.65 -17.77 | 52.36 2.83 -17.74 | 50.58 2.66 -16.59 | 33.16 2.29 -2.94 | 31.85 1.84 -6.77 | 26.01 1.76 -2.77 | 21.29 1.30 0.00 |
| BARRETT_IC_8 23711 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT_IC_9 23700 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT___1 23545 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BARRETT___2 23546 | 19.94 1.39 -0.02 | 18.21 1.22 0.00 | 16.47 1.05 0.00 | 15.64 1.01 0.00 | 16.87 1.06 0.00 | 19.33 1.33 -0.01 | 23.72 1.59 0.00 | 27.87 2.00 -1.23 | 25.86 2.08 -1.14 | 23.74 2.12 0.00 | 24.34 1.85 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.36 1.85 -3.23 | 29.43 2.01 -5.84 | 32.88 2.03 -9.28 | 46.21 2.34 -19.02 | 49.45 2.59 -17.77 | 52.26 2.73 -17.74 | 50.49 2.57 -16.59 | 33.13 2.26 -2.94 | 31.85 1.84 -6.77 | 25.93 1.68 -2.77 | 21.30 1.30 -0.01 |
| BATAVIA___115KV_TB1 55881 | 19.65 1.11 0.00 | 17.89 0.90 0.00 | 16.13 0.71 0.00 | 15.35 0.72 0.00 | 16.59 0.77 0.00 | 18.76 0.77 0.00 | 22.99 0.86 0.00 | 24.96 0.17 -0.14 | 22.95 0.18 -0.13 | 21.94 0.32 0.00 | 21.21 0.21 0.00 | 20.59 0.06 0.00 | 20.76 0.10 0.00 | 21.48 0.19 0.00 | 21.80 0.22 0.00 | 21.96 0.28 -0.11 | 24.93 0.07 0.00 | 29.15 -0.15 -0.20 | 31.50 -0.29 0.00 | 31.36 0.03 0.00 | 27.76 -0.17 0.00 | 23.38 0.14 0.00 | 21.50 0.02 0.00 | 20.51 0.52 0.00 |
| BAYONEEC___CTG1 323682 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| BAYONEEC___CTG10 323750 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| BAYONEEC___CTG2 323683 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| BAYONEEC___CTG3 323684 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| BAYONEEC___CTG4 323685 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| BAYONEEC___CTG5 323686 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| BAYONEEC___CTG6 323687 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| BAYONEEC___CTG7 323688 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| BAYONEEC___CTG8 323689 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |

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| BAYONEEC___CTG9 323749 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 32.99 2.27 -1.63 | 34.08 2.29 0.00 | 33.46 2.13 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| BEACON___LESR 323632 | 19.13 0.59 0.00 | 17.60 0.61 0.00 | 16.04 0.62 0.00 | 15.20 0.57 0.00 | 16.38 0.57 0.00 | 18.66 0.67 0.00 | 22.93 0.80 0.00 | 27.12 0.99 -1.49 | 24.85 0.84 -1.37 | 22.37 0.76 0.00 | 21.63 0.63 0.00 | 21.15 0.62 0.00 | 21.38 0.72 0.00 | 21.97 0.68 0.00 | 22.36 0.78 0.00 | 23.49 0.86 -1.06 | 25.77 0.92 0.00 | 32.43 1.28 -2.06 | 33.28 1.49 0.00 | 32.77 1.44 0.00 | 29.19 1.26 0.00 | 24.17 0.93 0.00 | 22.17 0.69 0.00 | 20.47 0.48 0.00 |
| BEAVER RIVER___HYD 24048 | 18.33 -0.20 0.00 | 16.85 -0.14 0.00 | 15.33 -0.09 0.00 | 14.66 0.03 0.00 | 15.89 0.08 0.00 | 18.10 0.11 0.00 | 22.35 0.22 0.00 | 24.80 0.10 -0.05 | 22.66 -0.02 -0.05 | 21.44 -0.17 0.00 | 20.77 -0.23 0.00 | 20.27 -0.27 0.00 | 20.35 -0.31 0.00 | 21.01 -0.28 0.00 | 21.28 -0.30 0.00 | 21.37 -0.24 -0.04 | 24.68 -0.17 0.00 | 29.03 -0.14 -0.08 | 31.85 0.06 0.00 | 31.45 0.13 0.00 | 28.07 0.14 0.00 | 23.43 0.19 0.00 | 21.63 0.15 0.00 | 20.07 0.08 0.00 |
| BEEBEE_GT_13 23619 | 19.18 0.65 0.00 | 17.50 0.51 0.00 | 15.82 0.40 0.00 | 15.03 0.40 0.00 | 16.24 0.43 0.00 | 18.40 0.41 0.00 | 22.60 0.46 0.00 | 24.86 0.07 -0.14 | 22.88 0.11 -0.13 | 21.75 0.13 0.00 | 21.07 0.06 0.00 | 20.49 -0.04 0.00 | 20.64 -0.02 0.00 | 21.33 0.04 0.00 | 21.61 0.02 0.00 | 21.84 0.17 -0.10 | 24.78 -0.07 0.00 | 29.04 -0.26 -0.21 | 31.38 -0.41 0.00 | 31.14 -0.19 0.00 | 27.65 -0.28 0.00 | 23.19 -0.05 0.00 | 21.37 -0.11 0.00 | 20.23 0.24 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 19.70 1.17 0.00 | 18.03 1.04 0.00 | 16.42 0.99 -0.01 | 15.58 0.94 -0.01 | 16.77 0.95 -0.01 | 19.03 1.04 0.00 | 23.46 1.33 0.00 | 27.70 1.82 -1.23 | 25.66 1.88 -1.14 | 23.57 1.95 -0.01 | 22.77 1.76 -0.01 | 22.37 1.83 -0.01 | 22.47 1.80 -0.01 | 23.12 1.83 -0.01 | 31.35 1.99 -7.77 | 31.50 2.20 -7.72 | 34.36 2.49 -7.02 | 35.47 2.82 -3.56 | 34.72 2.92 -0.01 | 34.09 2.76 -0.01 | 30.23 2.29 -0.01 | 25.05 1.81 0.00 | 23.08 1.59 -0.01 | 21.01 1.02 0.00 |
| BETHLEHEM___GRP 23843 | 18.79 0.26 0.00 | 17.31 0.32 0.00 | 15.81 0.39 0.00 | 14.97 0.34 0.00 | 16.11 0.30 0.00 | 18.35 0.36 0.00 | 22.48 0.35 0.00 | 26.66 0.52 -1.49 | 24.44 0.43 -1.38 | 21.99 0.37 0.00 | 21.28 0.27 0.00 | 20.86 0.33 0.00 | 21.01 0.35 0.00 | 21.60 0.32 0.00 | 21.97 0.39 0.00 | 23.13 0.50 -1.06 | 25.37 0.52 0.00 | 31.89 0.73 -2.06 | 32.62 0.83 0.00 | 32.08 0.75 0.00 | 28.60 0.67 0.00 | 23.71 0.46 0.00 | 21.85 0.37 0.00 | 20.11 0.12 0.00 |
| BETHLEHEM___GS1 323560 | 18.79 0.26 0.00 | 17.31 0.32 0.00 | 15.81 0.39 0.00 | 14.98 0.35 0.00 | 16.13 0.32 0.00 | 18.35 0.36 0.00 | 22.48 0.35 0.00 | 26.66 0.52 -1.49 | 24.44 0.43 -1.38 | 21.98 0.37 0.00 | 21.27 0.27 0.00 | 20.82 0.29 0.00 | 21.01 0.35 0.00 | 21.60 0.32 0.00 | 22.02 0.43 0.00 | 23.10 0.47 -1.06 | 25.40 0.55 0.00 | 31.88 0.73 -2.06 | 32.62 0.83 0.00 | 32.07 0.75 0.00 | 28.63 0.70 0.00 | 23.73 0.49 0.00 | 21.78 0.30 0.00 | 20.11 0.12 0.00 |
| BETHLEHEM___GS2 323561 | 18.79 0.26 0.00 | 17.31 0.32 0.00 | 15.81 0.39 0.00 | 14.98 0.35 0.00 | 16.13 0.32 0.00 | 18.35 0.36 0.00 | 22.48 0.35 0.00 | 26.66 0.52 -1.49 | 24.44 0.43 -1.38 | 21.98 0.37 0.00 | 21.27 0.27 0.00 | 20.82 0.29 0.00 | 21.01 0.35 0.00 | 21.60 0.32 0.00 | 22.02 0.43 0.00 | 23.10 0.47 -1.06 | 25.40 0.55 0.00 | 31.88 0.73 -2.06 | 32.62 0.83 0.00 | 32.07 0.75 0.00 | 28.63 0.70 0.00 | 23.73 0.49 0.00 | 21.78 0.30 0.00 | 20.11 0.12 0.00 |
| BETHLEHEM___GS3 323562 | 18.79 0.26 0.00 | 17.31 0.32 0.00 | 15.81 0.39 0.00 | 14.98 0.35 0.00 | 16.13 0.32 0.00 | 18.35 0.36 0.00 | 22.48 0.35 0.00 | 26.66 0.52 -1.49 | 24.44 0.43 -1.38 | 21.98 0.37 0.00 | 21.27 0.27 0.00 | 20.82 0.29 0.00 | 21.01 0.35 0.00 | 21.60 0.32 0.00 | 22.02 0.43 0.00 | 23.10 0.47 -1.06 | 25.40 0.55 0.00 | 31.88 0.73 -2.06 | 32.62 0.83 0.00 | 32.07 0.75 0.00 | 28.63 0.70 0.00 | 23.73 0.49 0.00 | 21.78 0.30 0.00 | 20.11 0.12 0.00 |
| BETHLEHEM___STEEL 23779 | 19.54 1.00 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.29 0.66 0.00 | 16.49 0.68 0.00 | 18.62 0.63 0.00 | 22.84 0.71 0.00 | 24.65 -0.15 -0.15 | 22.71 -0.07 -0.14 | 21.92 0.30 0.00 | 21.19 0.19 0.00 | 20.59 0.06 0.00 | 20.76 0.10 0.00 | 21.46 0.17 0.00 | 21.72 0.13 0.00 | 21.65 -0.04 -0.12 | 24.75 -0.10 0.00 | 28.95 -0.35 -0.21 | 31.28 -0.51 0.01 | 31.10 -0.22 0.00 | 27.62 -0.31 0.00 | 23.26 0.02 0.00 | 21.42 -0.06 0.00 | 20.43 0.44 0.00 |
| BETHLHEM_115KV_TB1 79974 | 18.85 0.32 0.00 | 17.36 0.37 0.00 | 15.84 0.42 0.00 | 15.00 0.37 0.00 | 16.16 0.35 0.00 | 18.39 0.40 0.00 | 22.55 0.42 0.00 | 26.73 0.59 -1.49 | 24.51 0.50 -1.38 | 22.07 0.45 0.00 | 21.36 0.36 0.00 | 20.92 0.39 0.00 | 21.07 0.41 0.00 | 21.69 0.40 0.00 | 22.04 0.45 0.00 | 23.19 0.56 -1.06 | 25.45 0.60 0.00 | 31.97 0.81 -2.06 | 32.71 0.92 0.00 | 32.17 0.85 0.00 | 28.68 0.75 0.00 | 23.78 0.53 0.00 | 21.93 0.45 0.00 | 20.19 0.20 0.00 |
| BETHPAGE_CC_5 323564 | 20.11 1.56 -0.02 | 18.37 1.38 0.00 | 16.59 1.17 0.00 | 15.76 1.13 0.00 | 17.00 1.19 0.00 | 19.49 1.49 -0.01 | 23.88 1.75 0.00 | 28.12 2.24 -1.23 | 26.04 2.26 -1.14 | 23.93 2.31 0.00 | 24.51 2.02 -1.49 | 24.97 2.01 -2.42 | 25.40 2.03 -2.71 | 26.58 2.06 -3.23 | 29.69 2.27 -5.84 | 33.14 2.29 -9.28 | 46.55 2.63 -19.07 | 51.62 2.97 -19.55 | 52.65 3.12 -17.74 | 50.86 2.94 -16.60 | 34.18 2.60 -3.65 | 32.13 2.11 -6.77 | 26.14 1.89 -2.77 | 21.42 1.42 -0.01 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 19.54 1.00 0.00 | 17.79 0.80 0.00 | 16.05 0.63 0.00 | 15.29 0.66 0.00 | 16.49 0.68 0.00 | 18.64 0.65 0.00 | 22.86 0.73 0.00 | 24.68 -0.12 -0.15 | 22.71 -0.07 -0.14 | 21.96 0.35 0.00 | 21.25 0.25 0.00 | 20.64 0.10 0.00 | 20.81 0.14 0.00 | 21.50 0.21 0.00 | 21.76 0.17 0.00 | 21.63 -0.06 -0.12 | 24.80 -0.05 0.00 | 29.01 -0.29 -0.21 | 31.37 -0.41 0.01 | 31.20 -0.13 0.00 | 27.68 -0.25 0.00 | 23.31 0.07 0.00 | 21.46 -0.02 0.00 | 20.45 0.46 0.00 |
| BINGHAMTON___COGEN 23790 | 19.05 0.52 0.00 | 17.43 0.44 0.00 | 15.79 0.37 0.00 | 14.97 0.34 0.00 | 16.19 0.38 0.00 | 18.39 0.40 0.00 | 22.71 0.58 0.00 | 25.60 0.57 -0.39 | 23.49 0.50 -0.36 | 22.11 0.50 0.00 | 21.42 0.42 0.00 | 20.92 0.39 0.00 | 21.03 0.37 0.00 | 21.69 0.40 0.00 | 22.00 0.41 0.00 | 22.28 0.43 -0.28 | 25.42 0.57 0.00 | 30.17 0.52 -0.56 | 32.33 0.54 0.00 | 31.92 0.60 0.00 | 28.46 0.53 0.00 | 23.73 0.49 0.00 | 21.89 0.41 0.00 | 20.37 0.38 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 19.55 1.02 0.00 | 17.82 0.83 0.00 | 16.07 0.65 0.00 | 15.35 0.72 0.00 | 16.57 0.76 0.00 | 18.71 0.72 0.00 | 23.04 0.91 0.00 | 24.83 0.02 -0.16 | 22.81 0.02 -0.15 | 22.22 0.61 0.00 | 21.46 0.46 0.00 | 20.84 0.31 0.00 | 20.99 0.33 0.00 | 21.69 0.40 0.00 | 21.95 0.37 0.00 | 21.64 -0.06 -0.13 | 25.03 0.17 0.00 | 29.32 0.00 -0.22 | 31.75 -0.03 0.01 | 31.61 0.28 0.00 | 27.99 0.06 0.00 | 23.54 0.30 0.00 | 21.63 0.15 0.00 | 20.53 0.54 0.00 |

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| BLACK RIVER___HYD 24047 | 18.76 0.22 0.00 | 17.19 0.20 0.00 | 15.62 0.20 0.00 | 14.85 0.22 0.00 | 16.13 0.32 0.00 | 18.39 0.40 0.00 | 22.79 0.66 0.00 | 25.24 0.52 -0.07 | 23.02 0.32 -0.07 | 21.75 0.13 0.00 | 21.02 0.02 0.00 | 20.51 -0.02 0.00 | 20.58 -0.08 0.00 | 21.26 -0.02 0.00 | 21.56 -0.02 0.00 | 21.65 0.02 -0.05 | 25.03 0.18 0.00 | 29.46 0.26 -0.11 | 32.33 0.54 0.00 | 31.98 0.66 0.00 | 28.52 0.59 0.00 | 23.78 0.53 0.00 | 21.87 0.39 0.00 | 20.35 0.36 0.00 |
| BLACKRVR_115KV_TB2 79977 | 18.76 0.22 0.00 | 17.19 0.20 0.00 | 15.62 0.20 0.00 | 14.87 0.23 0.00 | 16.13 0.32 0.00 | 18.39 0.40 0.00 | 22.79 0.66 0.00 | 25.24 0.52 -0.07 | 23.02 0.32 -0.07 | 21.75 0.13 0.00 | 21.02 0.02 0.00 | 20.49 -0.04 0.00 | 20.58 -0.08 0.00 | 21.26 -0.02 0.00 | 21.54 -0.04 0.00 | 21.65 0.02 -0.05 | 25.05 0.20 0.00 | 29.46 0.26 -0.10 | 32.33 0.54 0.00 | 31.95 0.63 0.00 | 28.52 0.59 0.00 | 23.78 0.53 0.00 | 21.89 0.41 0.00 | 20.35 0.36 0.00 |
| BLISS_WT_PWR 323608 | 19.54 1.00 0.00 | 17.81 0.82 0.00 | 16.05 0.63 0.00 | 15.28 0.64 0.00 | 16.54 0.73 0.00 | 18.73 0.74 0.00 | 23.06 0.93 0.00 | 24.86 0.05 -0.16 | 22.83 0.05 -0.15 | 22.22 0.60 0.00 | 21.49 0.48 0.00 | 20.98 0.45 0.00 | 21.03 0.37 0.00 | 21.71 0.43 0.00 | 21.95 0.37 0.00 | 21.64 -0.06 -0.13 | 24.98 0.12 0.00 | 29.45 0.09 -0.27 | 31.85 0.06 0.01 | 31.79 0.47 0.00 | 28.01 0.08 0.00 | 23.52 0.28 0.00 | 21.65 0.17 0.00 | 20.55 0.56 0.00 |
| BLUESTONE___WT_PWR 323821 | 19.81 1.28 0.00 | 18.15 1.16 0.00 | 16.44 1.02 0.00 | 15.54 0.91 0.00 | 16.85 1.04 0.00 | 19.21 1.22 0.00 | 23.86 1.73 0.00 | 26.85 1.78 -0.43 | 24.50 1.47 -0.40 | 22.91 1.30 0.00 | 22.07 1.07 0.00 | 21.54 1.01 0.00 | 21.59 0.93 0.00 | 22.26 0.98 0.00 | 22.60 1.01 0.00 | 23.00 1.12 -0.31 | 26.37 1.52 0.00 | 31.45 1.75 -0.61 | 33.95 2.16 0.00 | 33.52 2.19 0.00 | 29.88 1.95 0.00 | 24.89 1.65 0.00 | 22.81 1.33 0.00 | 21.21 1.22 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 19.13 0.59 0.00 | 17.57 0.58 0.00 | 16.01 0.59 0.00 | 15.16 0.53 0.00 | 16.35 0.54 0.00 | 18.62 0.63 0.00 | 22.86 0.73 0.00 | 27.00 0.89 -1.47 | 24.76 0.77 -1.36 | 22.31 0.69 0.00 | 21.61 0.61 0.00 | 21.15 0.62 0.00 | 21.32 0.66 0.00 | 21.94 0.66 0.00 | 22.30 0.71 0.00 | 23.43 0.82 -1.04 | 25.72 0.87 0.00 | 32.29 1.16 -2.03 | 33.13 1.34 0.00 | 32.61 1.28 0.00 | 29.07 1.15 0.00 | 24.10 0.86 0.00 | 22.23 0.75 0.00 | 20.47 0.48 0.00 |
| BOC_GAS_DRP 24189 | 19.02 0.48 0.00 | 17.47 0.48 0.00 | 15.90 0.48 0.00 | 15.06 0.42 0.00 | 16.24 0.43 0.00 | 18.49 0.50 0.00 | 22.71 0.58 0.00 | 26.87 0.74 -1.49 | 24.69 0.68 -1.37 | 22.27 0.65 0.00 | 21.55 0.55 0.00 | 21.11 0.57 0.00 | 21.24 0.58 0.00 | 21.86 0.57 0.00 | 22.23 0.65 0.00 | 23.38 0.76 -1.06 | 25.67 0.82 0.00 | 32.17 1.02 -2.06 | 32.90 1.11 0.00 | 32.36 1.03 0.00 | 28.88 0.95 0.00 | 23.96 0.72 0.00 | 22.10 0.62 0.00 | 20.37 0.38 0.00 |
| BOONVILLE_115KV_TB1 79983 | 18.76 0.22 0.00 | 17.21 0.22 0.00 | 15.65 0.23 0.00 | 14.90 0.26 0.00 | 16.14 0.33 0.00 | 18.39 0.40 0.00 | 22.73 0.60 0.00 | 25.18 0.49 -0.04 | 23.06 0.38 -0.04 | 21.90 0.28 0.00 | 21.19 0.19 0.00 | 20.70 0.16 0.00 | 20.78 0.12 0.00 | 21.43 0.15 0.00 | 21.74 0.15 0.00 | 21.80 0.19 -0.03 | 25.18 0.32 0.00 | 29.51 0.35 -0.06 | 32.33 0.54 0.00 | 31.89 0.56 0.00 | 28.43 0.50 0.00 | 23.71 0.46 0.00 | 21.85 0.37 0.00 | 20.35 0.36 0.00 |
| BORALEX_4TH_BRANCH 23824 | 19.50 0.96 0.00 | 17.92 0.93 0.00 | 16.32 0.89 0.00 | 15.44 0.80 0.00 | 16.68 0.87 0.00 | 19.03 1.04 0.00 | 23.32 1.19 0.00 | 27.54 1.40 -1.49 | 25.23 1.22 -1.37 | 22.70 1.08 0.00 | 21.95 0.95 0.00 | 21.50 0.97 0.00 | 21.63 0.97 0.00 | 22.24 0.96 0.00 | 22.71 1.12 0.00 | 23.79 1.16 -1.05 | 26.27 1.42 0.00 | 32.98 1.83 -2.05 | 33.76 1.97 0.00 | 33.11 1.78 0.00 | 29.61 1.68 0.00 | 24.54 1.30 0.00 | 22.51 1.03 0.00 | 20.81 0.82 0.00 |
| BOWLINE___1 23526 | 19.42 0.89 0.00 | 17.79 0.80 0.00 | 16.16 0.74 0.00 | 15.35 0.72 0.00 | 16.54 0.73 0.00 | 18.84 0.85 0.00 | 23.21 1.08 0.00 | 27.27 1.43 -1.19 | 25.16 1.43 -1.10 | 23.11 1.49 0.00 | 22.30 1.30 0.00 | 21.85 1.32 0.00 | 22.00 1.34 0.00 | 22.65 1.36 0.00 | 23.12 1.53 0.00 | 24.04 1.62 -0.84 | 26.62 1.76 0.00 | 32.66 2.01 -1.56 | 33.89 2.10 0.00 | 33.27 1.94 0.00 | 29.61 1.68 0.00 | 24.61 1.37 0.00 | 22.60 1.12 0.00 | 20.75 0.76 0.00 |
| BOWLINE___2 23595 | 19.42 0.89 0.00 | 17.79 0.80 0.00 | 16.16 0.74 0.00 | 15.35 0.72 0.00 | 16.54 0.73 0.00 | 18.84 0.85 0.00 | 23.21 1.08 0.00 | 27.27 1.43 -1.19 | 25.16 1.43 -1.10 | 23.11 1.49 0.00 | 22.33 1.32 0.00 | 21.85 1.32 0.00 | 22.00 1.34 0.00 | 22.65 1.36 0.00 | 23.12 1.53 0.00 | 24.04 1.62 -0.84 | 26.62 1.76 0.00 | 32.66 2.01 -1.56 | 33.89 2.10 0.00 | 33.27 1.94 0.00 | 29.61 1.68 0.00 | 24.61 1.37 0.00 | 22.60 1.12 0.00 | 20.75 0.76 0.00 |
| BRADY___115KV_TB2 356060 | 18.20 -0.33 0.00 | 16.70 -0.29 0.00 | 15.14 -0.28 0.00 | 14.44 -0.19 0.00 | 15.62 -0.19 0.00 | 17.74 -0.25 0.00 | 21.69 -0.44 0.00 | 24.15 -0.49 0.00 | 22.18 -0.45 0.00 | 21.10 -0.52 0.00 | 20.56 -0.44 0.00 | 20.06 -0.47 0.00 | 20.19 -0.48 0.00 | 20.82 -0.47 0.00 | 21.13 -0.45 0.00 | 21.03 -0.54 0.00 | 24.28 -0.57 0.00 | 28.45 -0.64 0.00 | 31.28 -0.51 0.00 | 30.85 -0.47 0.00 | 27.62 -0.31 0.00 | 23.06 -0.19 0.00 | 21.29 -0.19 0.00 | 19.89 -0.10 0.00 |
| BRANSCOMB___SOLAR 323811 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.30 0.88 0.00 | 15.45 0.82 0.00 | 16.71 0.90 0.00 | 19.07 1.08 0.00 | 23.50 1.37 0.00 | 27.70 1.53 -1.52 | 25.33 1.29 -1.40 | 22.81 1.19 0.00 | 22.05 1.05 0.00 | 21.56 1.03 0.00 | 21.75 1.09 0.00 | 22.37 1.08 0.00 | 22.75 1.16 0.00 | 23.80 1.14 -1.08 | 26.09 1.24 0.00 | 32.92 1.72 -2.11 | 33.86 2.07 0.00 | 33.42 2.10 0.00 | 29.88 1.95 0.00 | 24.73 1.49 0.00 | 22.68 1.20 0.00 | 20.95 0.96 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 20.35 1.80 -0.02 | 18.54 1.55 0.00 | 16.66 1.23 0.00 | 15.88 1.24 0.00 | 17.12 1.31 0.00 | 19.67 1.67 0.00 | 24.10 1.97 0.00 | 28.44 2.56 -1.23 | 26.37 2.60 -1.13 | 24.13 2.51 0.00 | 24.78 2.29 -1.49 | 25.25 2.30 -2.42 | 25.64 2.27 -2.71 | 26.86 2.34 -3.23 | 29.95 2.53 -5.84 | 33.51 2.65 -9.28 | 47.13 3.01 -19.27 | 59.83 3.37 -27.36 | 53.06 3.53 -17.74 | 51.34 3.41 -16.60 | 37.74 3.04 -6.77 | 32.52 2.51 -6.77 | 26.55 2.30 -2.77 | 21.67 1.68 0.00 |
| BRISTLHL_115KV_TB1 79998 | 18.98 0.44 0.00 | 17.36 0.37 0.00 | 15.73 0.31 0.00 | 14.90 0.26 0.00 | 16.14 0.33 0.00 | 18.33 0.34 0.00 | 22.71 0.58 0.00 | 25.16 0.39 -0.11 | 23.04 0.29 -0.11 | 21.90 0.28 0.00 | 21.21 0.21 0.00 | 20.70 0.16 0.00 | 20.83 0.17 0.00 | 21.46 0.17 0.00 | 21.72 0.13 0.00 | 21.80 0.15 -0.08 | 25.03 0.17 0.00 | 29.49 0.23 -0.16 | 31.98 0.19 0.00 | 31.64 0.31 0.00 | 28.21 0.28 0.00 | 23.52 0.28 0.00 | 21.70 0.21 0.00 | 20.33 0.34 0.00 |
| BROOKHAVEN___DRP 24191 | 20.44 1.89 -0.02 | 18.62 1.63 0.00 | 16.72 1.30 0.00 | 15.94 1.30 0.00 | 17.20 1.39 0.00 | 19.77 1.78 0.00 | 24.19 2.06 0.00 | 28.64 2.76 -1.23 | 26.51 2.74 -1.13 | 24.21 2.59 0.00 | 24.89 2.39 -1.49 | 25.33 2.38 -2.42 | 25.73 2.36 -2.71 | 26.96 2.45 -3.23 | 30.04 2.61 -5.84 | 33.64 2.78 -9.28 | 48.11 3.16 -20.10 | 92.02 3.69 -59.23 | 53.45 3.91 -17.75 | 51.65 3.73 -16.60 | 50.67 3.24 -19.50 | 32.66 2.65 -6.77 | 26.68 2.43 -2.77 | 21.75 1.76 0.00 |

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| BROOKLYN_NAVY_YARD 23515 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.39 0.76 0.00 | 16.55 0.74 0.00 | 18.87 0.88 0.00 | 23.30 1.17 0.00 | 27.53 1.65 -1.23 | 25.47 1.70 -1.13 | 23.41 1.79 0.00 | 22.53 1.53 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.32 1.88 -0.87 | 27.01 2.16 0.00 | 33.02 2.30 -1.63 | 34.11 2.32 0.00 | 33.48 2.16 0.00 | 29.80 1.87 0.00 | 24.77 1.53 0.00 | 22.77 1.29 0.00 | 20.79 0.80 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.52 0.88 -0.01 | 16.70 0.89 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.02 1.72 -0.01 | 31.26 1.90 -7.77 | 31.39 2.09 -7.72 | 34.23 2.36 -7.02 | 35.33 2.68 -3.56 | 34.56 2.77 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 22.99 1.50 -0.01 | 20.93 0.94 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 19.96 1.41 -0.02 | 18.23 1.24 0.00 | 16.47 1.05 0.00 | 15.66 1.02 0.00 | 16.89 1.08 0.00 | 19.32 1.33 0.00 | 23.77 1.64 0.00 | 27.97 2.10 -1.23 | 25.90 2.13 -1.13 | 23.72 2.10 0.00 | 24.40 1.91 -1.49 | 24.88 1.93 -2.42 | 25.29 1.92 -2.71 | 26.51 2.00 -3.23 | 29.56 2.14 -5.84 | 33.16 2.31 -9.28 | 46.40 2.51 -19.03 | 50.25 2.88 -18.27 | 52.55 3.02 -17.74 | 50.80 2.88 -16.59 | 33.58 2.51 -3.14 | 32.06 2.05 -6.77 | 26.08 1.83 -2.77 | 21.29 1.30 0.00 |
| BROOME_2_LFGE 323671 | 19.05 0.52 0.00 | 17.43 0.44 0.00 | 15.79 0.37 0.00 | 14.95 0.32 0.00 | 16.17 0.36 0.00 | 18.39 0.40 0.00 | 22.71 0.57 0.00 | 25.60 0.57 -0.39 | 23.49 0.50 -0.36 | 22.12 0.50 0.00 | 21.42 0.42 0.00 | 20.94 0.41 0.00 | 21.05 0.39 0.00 | 21.69 0.40 0.00 | 22.04 0.45 0.00 | 22.28 0.43 -0.28 | 25.42 0.57 0.00 | 30.16 0.52 -0.54 | 32.33 0.54 0.00 | 31.95 0.63 0.00 | 28.46 0.53 0.00 | 23.73 0.49 0.00 | 21.82 0.34 0.00 | 20.37 0.38 0.00 |
| BROOME___LFGE 323600 | 19.05 0.52 0.00 | 17.43 0.44 0.00 | 15.79 0.37 0.00 | 14.95 0.32 0.00 | 16.17 0.36 0.00 | 18.39 0.40 0.00 | 22.71 0.57 0.00 | 25.60 0.57 -0.39 | 23.49 0.50 -0.36 | 22.12 0.50 0.00 | 21.42 0.42 0.00 | 20.94 0.41 0.00 | 21.05 0.39 0.00 | 21.69 0.40 0.00 | 22.04 0.45 0.00 | 22.28 0.43 -0.28 | 25.42 0.57 0.00 | 30.16 0.52 -0.54 | 32.33 0.54 0.00 | 31.95 0.63 0.00 | 28.46 0.53 0.00 | 23.73 0.49 0.00 | 21.82 0.34 0.00 | 20.37 0.38 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 18.18 -0.35 0.00 | 16.70 -0.29 0.00 | 15.17 -0.25 0.00 | 14.50 -0.13 0.00 | 15.70 -0.11 0.00 | 17.83 -0.16 0.00 | 21.89 -0.24 0.00 | 24.31 -0.37 -0.04 | 22.26 -0.41 -0.03 | 21.08 -0.54 0.00 | 20.46 -0.55 0.00 | 19.96 -0.57 0.00 | 20.06 -0.60 0.00 | 20.69 -0.60 0.00 | 20.98 -0.60 0.00 | 20.99 -0.60 -0.03 | 24.23 -0.62 0.00 | 28.48 -0.67 -0.05 | 31.25 -0.54 0.00 | 30.82 -0.50 0.00 | 27.62 -0.31 0.00 | 23.12 -0.12 0.00 | 21.37 -0.11 0.00 | 19.89 -0.10 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.32 0.89 0.00 | 15.48 0.85 0.00 | 16.66 0.85 0.00 | 19.02 1.03 0.00 | 23.48 1.35 0.00 | 27.70 1.82 -1.23 | 25.63 1.86 -1.13 | 23.54 1.92 0.00 | 22.72 1.72 0.00 | 22.32 1.79 0.00 | 22.44 1.78 0.00 | 23.07 1.79 0.00 | 23.53 1.94 0.00 | 24.58 2.14 -0.87 | 27.26 2.41 0.00 | 33.40 2.68 -1.63 | 34.56 2.77 0.00 | 33.92 2.60 0.00 | 30.11 2.18 0.00 | 25.01 1.77 0.00 | 23.03 1.55 0.00 | 20.95 0.96 0.00 |
| BURROWS___LYONSDAL 23803 | 18.63 0.09 0.00 | 17.11 0.12 0.00 | 15.56 0.14 0.00 | 14.85 0.22 0.00 | 16.10 0.28 0.00 | 18.33 0.34 0.00 | 22.64 0.51 0.00 | 25.11 0.42 -0.05 | 22.97 0.29 -0.04 | 21.81 0.19 0.00 | 21.11 0.11 0.00 | 20.59 0.06 0.00 | 20.68 0.02 0.00 | 21.35 0.06 0.00 | 21.65 0.06 0.00 | 21.71 0.11 -0.03 | 25.08 0.22 0.00 | 29.42 0.26 -0.07 | 32.24 0.45 0.00 | 31.79 0.47 0.00 | 28.38 0.45 0.00 | 23.66 0.42 0.00 | 21.80 0.32 0.00 | 20.29 0.30 0.00 |
| CAITHNESS_CC_1 323624 | 20.37 1.82 -0.02 | 18.57 1.58 0.00 | 16.73 1.31 0.00 | 15.91 1.27 0.00 | 17.15 1.34 0.00 | 19.71 1.71 -0.01 | 24.12 1.99 0.00 | 28.51 2.64 -1.23 | 26.43 2.65 -1.14 | 24.26 2.64 0.00 | 24.80 2.31 -1.49 | 25.25 2.30 -2.42 | 25.64 2.27 -2.71 | 26.88 2.36 -3.23 | 29.99 2.57 -5.84 | 33.49 2.63 -9.28 | 47.98 3.03 -20.10 | 91.50 3.43 -58.98 | 53.16 3.62 -17.75 | 51.40 3.48 -16.60 | 50.46 3.13 -19.40 | 32.55 2.53 -6.77 | 26.51 2.25 -2.77 | 21.68 1.68 -0.01 |
| CALPINE BETH_PAGE_GT4 24209 | 20.11 1.56 -0.02 | 18.37 1.38 0.00 | 16.55 1.13 0.00 | 15.75 1.11 0.00 | 17.00 1.19 0.00 | 19.49 1.49 0.00 | 23.84 1.70 0.00 | 28.04 2.17 -1.23 | 25.99 2.22 -1.13 | 23.80 2.18 0.00 | 24.47 1.97 -1.49 | 24.94 1.99 -2.42 | 25.35 1.98 -2.71 | 26.54 2.02 -3.23 | 29.60 2.18 -5.84 | 33.12 2.27 -9.28 | 46.50 2.58 -19.06 | 51.42 2.97 -19.36 | 52.62 3.08 -17.74 | 50.86 2.94 -16.60 | 34.02 2.51 -3.58 | 32.03 2.02 -6.77 | 26.17 1.91 -2.77 | 21.37 1.38 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 20.11 1.56 -0.02 | 18.37 1.38 0.00 | 16.59 1.17 0.00 | 15.76 1.13 0.00 | 17.00 1.19 0.00 | 19.49 1.49 -0.01 | 23.84 1.70 0.00 | 28.07 2.19 -1.23 | 26.00 2.22 -1.14 | 23.87 2.25 0.00 | 24.47 1.97 -1.49 | 24.92 1.97 -2.42 | 25.35 1.98 -2.71 | 26.54 2.02 -3.23 | 29.65 2.22 -5.84 | 33.06 2.20 -9.28 | 46.48 2.56 -19.06 | 51.31 2.85 -19.36 | 52.55 3.02 -17.74 | 50.77 2.85 -16.60 | 33.99 2.48 -3.58 | 32.03 2.02 -6.77 | 26.08 1.82 -2.77 | 21.38 1.38 -0.01 |
| CALPINE_BP_GT1 23823 | 20.11 1.56 -0.02 | 18.37 1.38 0.00 | 16.59 1.17 0.00 | 15.76 1.13 0.00 | 17.00 1.19 0.00 | 19.49 1.49 -0.01 | 23.84 1.70 0.00 | 28.07 2.19 -1.23 | 26.00 2.22 -1.14 | 23.87 2.25 0.00 | 24.47 1.97 -1.49 | 24.92 1.97 -2.42 | 25.35 1.98 -2.71 | 26.54 2.02 -3.23 | 29.65 2.22 -5.84 | 33.06 2.20 -9.28 | 46.48 2.56 -19.06 | 51.31 2.85 -19.36 | 52.55 3.02 -17.74 | 50.77 2.85 -16.60 | 33.99 2.48 -3.58 | 32.03 2.02 -6.77 | 26.08 1.82 -2.77 | 21.38 1.38 -0.01 |
| CALSPAN___DRP 24200 | 19.54 1.00 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.29 0.66 0.00 | 16.49 0.68 0.00 | 18.62 0.63 0.00 | 22.84 0.71 0.00 | 24.65 -0.15 -0.15 | 22.71 -0.07 -0.14 | 21.92 0.30 0.00 | 21.19 0.19 0.00 | 20.59 0.06 0.00 | 20.76 0.10 0.00 | 21.46 0.17 0.00 | 21.72 0.13 0.00 | 21.65 -0.04 -0.12 | 24.75 -0.10 0.00 | 28.95 -0.35 -0.21 | 31.28 -0.51 0.01 | 31.10 -0.22 0.00 | 27.62 -0.31 0.00 | 23.26 0.02 0.00 | 21.42 -0.06 0.00 | 20.43 0.44 0.00 |
| CALVERTON___SOLAR 323806 | 20.54 1.98 -0.02 | 18.71 1.72 0.00 | 16.84 1.42 0.00 | 16.03 1.39 0.00 | 17.28 1.47 0.00 | 19.85 1.85 -0.01 | 24.30 2.17 0.00 | 28.76 2.88 -1.23 | 26.63 2.85 -1.14 | 24.45 2.83 0.00 | 24.99 2.50 -1.49 | 25.44 2.48 -2.42 | 25.81 2.44 -2.71 | 27.07 2.55 -3.23 | 30.19 2.76 -5.84 | 33.70 2.85 -9.28 | 48.24 3.28 -20.11 | 92.18 3.75 -59.33 | 53.54 4.01 -17.75 | 51.75 3.82 -16.60 | 50.87 3.41 -19.54 | 32.78 2.76 -6.77 | 26.72 2.47 -2.77 | 21.84 1.84 -0.01 |
| CANDIGU_WT_PWR 323617 | 19.35 0.81 0.00 | 17.65 0.66 0.00 | 15.93 0.51 0.00 | 15.10 0.47 0.00 | 16.35 0.54 0.00 | 18.53 0.54 0.00 | 22.88 0.75 0.00 | 24.84 0.00 -0.19 | 22.84 0.02 -0.18 | 21.94 0.32 0.00 | 21.23 0.23 0.00 | 20.72 0.18 0.00 | 20.79 0.12 0.00 | 21.50 0.21 0.00 | 21.74 0.15 0.00 | 21.67 -0.04 -0.14 | 24.85 0.00 0.00 | 29.71 0.26 -0.36 | 31.98 0.19 0.00 | 31.76 0.44 0.00 | 28.21 0.28 0.00 | 23.61 0.37 0.00 | 21.72 0.24 0.00 | 20.47 0.48 0.00 |

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| CARR STREET_E_SYR 24060 | 18.65 0.11 0.00 | 17.06 0.07 0.00 | 15.45 0.03 0.00 | 14.63 0.00 0.00 | 15.84 0.03 0.00 | 18.01 0.02 0.00 | 22.24 0.11 0.00 | 24.72 -0.05 -0.12 | 22.68 -0.07 -0.11 | 21.55 -0.06 0.00 | 20.88 -0.13 0.00 | 20.41 -0.12 0.00 | 20.52 -0.14 0.00 | 21.16 -0.13 0.00 | 21.46 -0.13 0.00 | 21.49 -0.17 -0.09 | 24.60 -0.25 0.00 | 28.98 -0.29 -0.18 | 31.41 -0.38 0.00 | 31.04 -0.28 0.00 | 27.65 -0.28 0.00 | 23.03 -0.21 0.00 | 21.25 -0.24 0.00 | 19.95 -0.04 0.00 |
| CARTHAGE___PAPER 23857 | 18.46 -0.07 0.00 | 16.96 -0.03 0.00 | 15.42 0.00 0.00 | 14.71 0.07 0.00 | 15.95 0.14 0.00 | 18.19 0.20 0.00 | 22.48 0.35 0.00 | 24.96 0.25 -0.06 | 22.79 0.09 -0.06 | 21.53 -0.09 0.00 | 20.83 -0.17 0.00 | 20.33 -0.21 0.00 | 20.41 -0.25 0.00 | 21.07 -0.21 0.00 | 21.37 -0.22 0.00 | 21.47 -0.15 -0.05 | 24.80 -0.05 0.00 | 29.19 0.00 -0.10 | 32.04 0.25 0.00 | 31.64 0.31 0.00 | 28.24 0.31 0.00 | 23.57 0.33 0.00 | 21.72 0.24 0.00 | 20.15 0.16 0.00 |
| CASSADAGA_WT_PWR 323784 | 20.02 1.48 0.00 | 18.20 1.21 0.00 | 16.38 0.96 0.00 | 15.56 0.92 0.00 | 16.81 1.00 0.00 | 19.03 1.04 0.00 | 23.46 1.33 0.00 | 25.40 0.59 -0.16 | 23.44 0.66 -0.15 | 22.66 1.04 0.00 | 21.93 0.92 0.00 | 21.41 0.88 0.00 | 21.45 0.78 0.00 | 22.11 0.83 0.00 | 22.36 0.78 0.00 | 22.24 0.54 -0.13 | 25.50 0.65 0.00 | 30.09 0.73 -0.27 | 32.45 0.67 0.01 | 32.42 1.10 0.00 | 28.57 0.64 0.00 | 23.98 0.74 0.00 | 22.06 0.58 0.00 | 20.95 0.96 0.00 |
| CE_DUNWOOD___DRP 24194 | 19.50 0.96 0.00 | 17.86 0.87 0.00 | 16.22 0.80 0.00 | 15.39 0.76 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.30 1.17 0.00 | 27.42 1.55 -1.22 | 25.33 1.56 -1.13 | 23.20 1.58 0.00 | 22.43 1.43 0.00 | 22.01 1.48 0.00 | 22.13 1.47 0.00 | 22.78 1.49 0.00 | 23.21 1.62 0.00 | 24.25 1.81 -0.87 | 26.82 1.96 0.00 | 32.99 2.27 -1.63 | 34.14 2.35 0.00 | 33.55 2.22 0.00 | 29.80 1.87 0.00 | 24.75 1.51 0.00 | 22.81 1.33 0.00 | 20.83 0.84 0.00 |
| CE_MILLWOOD___DRP 24193 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.21 0.79 0.00 | 15.38 0.75 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.26 1.13 0.00 | 27.37 1.50 -1.22 | 25.28 1.52 -1.13 | 23.15 1.53 0.00 | 22.39 1.39 0.00 | 21.97 1.44 0.00 | 22.09 1.43 0.00 | 22.73 1.45 0.00 | 23.16 1.58 0.00 | 24.19 1.75 -0.87 | 26.77 1.91 0.00 | 32.93 2.21 -1.62 | 34.08 2.29 0.00 | 33.49 2.16 0.00 | 29.77 1.84 0.00 | 24.73 1.49 0.00 | 22.77 1.29 0.00 | 20.81 0.82 0.00 |
| CE_NYC2_DRP 24202 | 19.57 1.04 0.00 | 17.92 0.93 0.00 | 16.32 0.89 -0.01 | 15.49 0.85 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.24 1.70 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.22 1.86 -7.77 | 31.35 2.05 -7.72 | 34.16 2.29 -7.02 | 35.18 2.53 -3.56 | 34.40 2.61 -0.01 | 33.78 2.44 -0.01 | 30.03 2.09 -0.01 | 24.91 1.67 0.00 | 22.97 1.48 -0.01 | 20.89 0.90 0.00 |
| CE_NYC_DRP 24195 | 19.46 0.93 0.00 | 17.84 0.85 0.00 | 16.22 0.80 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.53 1.65 -1.23 | 25.49 1.72 -1.13 | 23.39 1.77 0.00 | 22.58 1.58 0.00 | 22.18 1.64 0.00 | 22.29 1.63 0.00 | 22.92 1.64 0.00 | 23.38 1.79 0.00 | 24.43 1.98 -0.87 | 27.09 2.24 0.00 | 33.17 2.44 -1.63 | 34.30 2.51 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.81 0.82 0.00 |
| CHAFFEE___LFGE 323603 | 19.54 1.00 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.22 0.59 0.00 | 16.46 0.65 0.00 | 18.62 0.63 0.00 | 22.86 0.73 0.00 | 24.66 -0.15 -0.16 | 22.71 -0.07 -0.14 | 21.92 0.30 0.00 | 21.23 0.23 0.00 | 20.76 0.23 0.00 | 20.81 0.15 0.00 | 21.48 0.19 0.00 | 21.72 0.13 0.00 | 21.63 -0.06 -0.12 | 24.73 -0.12 0.00 | 29.15 -0.20 -0.26 | 31.44 -0.35 0.01 | 31.39 0.06 0.00 | 27.71 -0.22 0.00 | 23.29 0.05 0.00 | 21.44 -0.04 0.00 | 20.43 0.44 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 18.20 -0.33 0.00 | 16.72 -0.27 0.00 | 15.14 -0.28 0.00 | 14.46 -0.18 0.00 | 15.62 -0.19 0.00 | 17.76 -0.23 0.00 | 21.51 -0.62 0.00 | 24.15 -0.49 0.00 | 22.30 -0.34 0.00 | 21.31 -0.30 0.00 | 20.81 -0.19 0.00 | 20.27 -0.27 0.00 | 20.43 -0.23 0.00 | 21.09 -0.19 0.00 | 21.41 -0.17 0.00 | 21.34 -0.24 0.00 | 24.60 -0.25 0.00 | 28.89 -0.20 0.00 | 31.98 0.19 0.00 | 31.45 0.13 0.00 | 27.99 0.06 0.00 | 23.24 0.00 0.00 | 21.46 -0.02 0.00 | 20.01 0.02 0.00 |
| CHATEAUG_WT_PWR 323614 | 18.20 -0.33 0.00 | 16.74 -0.25 0.00 | 15.14 -0.28 0.00 | 14.46 -0.17 0.00 | 15.62 -0.19 0.00 | 17.76 -0.23 0.00 | 21.44 -0.69 0.00 | 24.10 -0.54 0.00 | 22.27 -0.36 0.00 | 21.29 -0.32 0.00 | 20.79 -0.21 0.00 | 20.25 -0.29 0.00 | 20.41 -0.25 0.00 | 21.07 -0.21 0.00 | 21.28 -0.30 0.00 | 21.34 -0.24 0.00 | 24.58 -0.27 0.00 | 28.86 -0.23 0.00 | 31.98 0.19 0.00 | 31.42 0.09 0.00 | 27.96 0.03 0.00 | 23.24 0.00 0.00 | 21.59 0.11 0.00 | 20.01 0.02 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 18.20 -0.33 0.00 | 16.72 -0.27 0.00 | 15.14 -0.28 0.00 | 14.46 -0.17 0.00 | 15.62 -0.19 0.00 | 17.76 -0.23 0.00 | 21.51 -0.62 0.00 | 24.15 -0.49 0.00 | 22.30 -0.34 0.00 | 21.31 -0.30 0.00 | 20.81 -0.19 0.00 | 20.27 -0.27 0.00 | 20.43 -0.23 0.00 | 21.09 -0.19 0.00 | 21.31 -0.28 0.00 | 21.36 -0.22 0.00 | 24.60 -0.25 0.00 | 28.89 -0.20 0.00 | 31.98 0.19 0.00 | 31.45 0.13 0.00 | 27.99 0.06 0.00 | 23.24 0.00 0.00 | 21.61 0.13 0.00 | 20.01 0.02 0.00 |
| CHAUTAUQUA___LFGE 323629 | 19.80 1.26 0.00 | 18.03 1.04 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.66 0.85 0.00 | 18.85 0.86 0.00 | 23.17 1.04 0.00 | 25.10 0.30 -0.16 | 23.14 0.36 -0.14 | 22.33 0.71 0.00 | 21.61 0.61 0.00 | 21.13 0.60 0.00 | 21.16 0.50 0.00 | 21.84 0.55 0.00 | 22.08 0.50 0.00 | 22.02 0.32 -0.12 | 25.15 0.30 0.00 | 29.67 0.32 -0.26 | 31.98 0.19 0.01 | 31.92 0.59 0.00 | 28.15 0.22 0.00 | 23.66 0.42 0.00 | 21.80 0.32 0.00 | 20.71 0.72 0.00 |
| CHERRYST_13_KV_LD 356241 | 19.50 0.96 0.00 | 17.87 0.88 0.00 | 16.25 0.83 0.00 | 15.44 0.80 0.00 | 16.60 0.79 0.00 | 18.94 0.95 0.00 | 23.39 1.26 0.00 | 27.57 1.70 -1.23 | 25.53 1.77 -1.13 | 23.46 1.84 0.00 | 22.64 1.64 0.00 | 22.26 1.72 0.00 | 22.35 1.69 0.00 | 22.99 1.70 0.00 | 23.44 1.86 0.00 | 24.49 2.05 -0.87 | 27.16 2.31 0.00 | 33.29 2.56 -1.63 | 34.36 2.57 0.00 | 33.74 2.41 0.00 | 29.94 2.01 0.00 | 24.87 1.63 0.00 | 22.90 1.42 0.00 | 20.85 0.86 0.00 |
| CHESTROR_138KV_BK263 355645 | 19.31 0.78 0.00 | 17.70 0.71 0.00 | 16.07 0.65 0.00 | 15.23 0.60 0.00 | 16.44 0.63 0.00 | 18.73 0.74 0.00 | 23.08 0.95 0.00 | 27.03 1.26 -1.12 | 24.90 1.22 -1.04 | 22.87 1.25 0.00 | 22.12 1.11 0.00 | 21.68 1.15 0.00 | 21.80 1.14 0.00 | 22.43 1.15 0.00 | 22.86 1.27 0.00 | 23.79 1.42 -0.80 | 26.37 1.52 0.00 | 32.32 1.75 -1.48 | 33.63 1.84 0.00 | 33.08 1.75 0.00 | 29.41 1.48 0.00 | 24.43 1.19 0.00 | 22.53 1.05 0.00 | 20.65 0.66 0.00 |
| CH_MIDHUDSON___DRP 24192 | 19.48 0.95 0.00 | 17.86 0.87 0.00 | 16.21 0.79 0.00 | 15.36 0.73 0.00 | 16.59 0.77 0.00 | 18.89 0.90 0.00 | 23.26 1.13 0.00 | 27.33 1.43 -1.25 | 25.17 1.38 -1.16 | 23.02 1.41 0.00 | 22.26 1.26 0.00 | 21.81 1.27 0.00 | 21.92 1.26 0.00 | 22.56 1.28 0.00 | 22.99 1.40 0.00 | 24.06 1.60 -0.89 | 26.59 1.74 0.00 | 32.81 2.04 -1.68 | 33.98 2.19 0.00 | 33.42 2.10 0.00 | 29.72 1.79 0.00 | 24.66 1.42 0.00 | 22.75 1.27 0.00 | 20.83 0.84 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| CH_MISC_IPPS 23765 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.27 0.85 0.00 | 15.44 0.80 0.00 | 16.65 0.84 0.00 | 18.94 0.95 0.00 | 23.35 1.22 0.00 | 27.43 1.55 -1.23 | 25.22 1.45 -1.14 | 23.13 1.51 0.00 | 22.35 1.35 0.00 | 21.87 1.33 0.00 | 22.00 1.34 0.00 | 22.67 1.38 0.00 | 23.14 1.56 0.00 | 24.11 1.66 -0.87 | 26.69 1.84 0.00 | 32.89 2.15 -1.64 | 34.14 2.35 0.00 | 33.58 2.26 0.00 | 29.86 1.93 0.00 | 24.80 1.56 0.00 | 22.75 1.27 0.00 | 20.91 0.92 0.00 |
| CH_RES_BVR_FALLS 23983 | 18.24 -0.30 0.00 | 16.74 -0.25 0.00 | 15.19 -0.23 0.00 | 14.43 -0.20 0.00 | 15.59 -0.22 0.00 | 17.74 -0.25 0.00 | 21.78 -0.35 0.00 | 24.28 -0.37 0.00 | 22.30 -0.34 0.00 | 21.27 -0.35 0.00 | 20.75 -0.25 0.00 | 20.27 -0.27 0.00 | 20.39 -0.27 0.00 | 21.03 -0.25 0.00 | 21.26 -0.32 0.00 | 21.27 -0.30 0.00 | 24.48 -0.37 0.00 | 28.69 -0.41 0.00 | 31.38 -0.41 0.00 | 30.92 -0.41 0.00 | 27.60 -0.33 0.00 | 22.96 -0.28 0.00 | 21.29 -0.19 0.00 | 19.79 -0.20 0.00 |
| CH_RES_NIAGARA 23895 | 19.09 0.56 0.00 | 17.46 0.48 0.00 | 15.76 0.34 0.00 | 14.97 0.34 0.00 | 16.16 0.35 0.00 | 18.28 0.29 0.00 | 22.11 -0.02 0.00 | 23.87 -0.91 -0.14 | 22.02 -0.75 -0.13 | 21.06 -0.56 0.00 | 20.39 -0.61 0.00 | 19.98 -0.55 0.00 | 20.00 -0.66 0.00 | 20.65 -0.64 0.00 | 20.87 -0.71 0.00 | 21.08 -0.60 -0.11 | 23.71 -1.14 0.00 | 27.95 -1.37 -0.23 | 30.00 -1.78 0.01 | 29.95 -1.38 0.00 | 26.45 -1.48 0.00 | 22.31 -0.93 0.00 | 20.62 -0.86 0.00 | 19.89 -0.10 0.00 |
| CH_RES_SYRACUSE 23985 | 18.83 0.30 0.00 | 17.23 0.24 0.00 | 15.61 0.19 0.00 | 14.78 0.15 0.00 | 16.00 0.19 0.00 | 18.19 0.20 0.00 | 22.48 0.35 0.00 | 24.97 0.20 -0.13 | 22.89 0.14 -0.12 | 21.73 0.11 0.00 | 21.07 0.06 0.00 | 20.59 0.06 0.00 | 20.70 0.04 0.00 | 21.33 0.04 0.00 | 21.65 0.06 0.00 | 21.67 0.00 -0.09 | 24.83 -0.02 0.00 | 29.29 0.00 -0.20 | 31.76 -0.03 0.00 | 31.39 0.06 0.00 | 27.96 0.03 0.00 | 23.29 0.05 0.00 | 21.46 -0.02 0.00 | 20.15 0.16 0.00 |
| CLINTON_WT_PWR 323605 | 18.20 -0.33 0.00 | 16.74 -0.25 0.00 | 15.14 -0.28 0.00 | 14.46 -0.17 0.00 | 15.62 -0.19 0.00 | 17.76 -0.23 0.00 | 21.44 -0.69 0.00 | 24.10 -0.54 0.00 | 22.27 -0.36 0.00 | 21.29 -0.32 0.00 | 20.79 -0.21 0.00 | 20.25 -0.29 0.00 | 20.41 -0.25 0.00 | 21.07 -0.21 0.00 | 21.28 -0.30 0.00 | 21.34 -0.24 0.00 | 24.58 -0.27 0.00 | 28.86 -0.23 0.00 | 31.98 0.19 0.00 | 31.42 0.09 0.00 | 27.96 0.03 0.00 | 23.24 0.00 0.00 | 21.59 0.11 0.00 | 20.01 0.02 0.00 |
| CLINTON__LFGE 323618 | 18.39 -0.15 0.00 | 16.91 -0.08 0.00 | 15.30 -0.12 0.00 | 14.63 0.00 0.00 | 15.81 0.00 0.00 | 17.99 0.00 0.00 | 21.66 -0.47 0.00 | 24.33 -0.32 0.00 | 22.48 -0.16 0.00 | 21.49 -0.13 0.00 | 20.96 -0.04 0.00 | 20.39 -0.14 0.00 | 20.58 -0.08 0.00 | 21.26 -0.02 0.00 | 21.48 -0.11 0.00 | 21.53 -0.04 0.00 | 24.83 -0.02 0.00 | 29.18 0.09 0.00 | 32.43 0.64 0.00 | 31.92 0.59 0.00 | 28.40 0.47 0.00 | 23.57 0.33 0.00 | 21.87 0.39 0.00 | 20.25 0.26 0.00 |
| COBBLENY_34_KV_TB1 80064 | 19.54 1.00 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.28 0.64 0.00 | 16.47 0.66 0.00 | 18.62 0.63 0.00 | 22.86 0.73 0.00 | 24.68 -0.12 -0.16 | 22.71 -0.07 -0.14 | 21.94 0.32 0.00 | 21.23 0.23 0.00 | 20.61 0.08 0.00 | 20.78 0.12 0.00 | 21.48 0.19 0.00 | 21.74 0.15 0.00 | 21.65 -0.04 -0.12 | 24.80 -0.05 0.00 | 29.02 -0.29 -0.21 | 31.37 -0.41 0.01 | 31.20 -0.13 0.00 | 27.71 -0.22 0.00 | 23.31 0.07 0.00 | 21.44 -0.04 0.00 | 20.43 0.44 0.00 |
| COFFEEN__115KV_TB3 355620 | 18.89 0.35 0.00 | 17.33 0.34 0.00 | 15.73 0.31 0.00 | 14.96 0.32 0.00 | 16.24 0.43 0.00 | 18.51 0.52 0.00 | 22.97 0.84 0.00 | 25.41 0.69 -0.07 | 23.16 0.45 -0.07 | 21.86 0.24 0.00 | 21.11 0.11 0.00 | 20.59 0.06 0.00 | 20.66 0.00 0.00 | 21.35 0.06 0.00 | 21.63 0.04 0.00 | 21.78 0.15 -0.05 | 25.18 0.32 0.00 | 29.64 0.44 -0.11 | 32.55 0.76 0.00 | 32.20 0.88 0.00 | 28.71 0.78 0.00 | 23.96 0.72 0.00 | 22.04 0.56 0.00 | 20.47 0.48 0.00 |
| COLDSPRG_115KV_BK1 355956 | 20.02 1.48 0.00 | 18.20 1.21 0.00 | 16.39 0.97 0.00 | 15.61 0.98 0.00 | 16.85 1.04 0.00 | 19.07 1.08 0.00 | 23.52 1.39 0.00 | 25.43 0.62 -0.16 | 23.42 0.63 -0.15 | 22.78 1.17 0.00 | 22.03 1.03 0.00 | 21.37 0.84 0.00 | 21.53 0.87 0.00 | 22.20 0.92 0.00 | 22.47 0.89 0.00 | 22.16 0.45 -0.13 | 25.67 0.82 0.00 | 30.08 0.76 -0.23 | 32.61 0.83 0.01 | 32.45 1.13 0.00 | 28.74 0.81 0.00 | 24.15 0.91 0.00 | 22.17 0.69 0.00 | 20.95 0.96 0.00 |
| COLONIE_LFGE__ 323577 | 19.31 0.78 0.00 | 17.72 0.73 0.00 | 16.12 0.69 0.00 | 15.28 0.64 0.00 | 16.51 0.69 0.00 | 18.82 0.83 0.00 | 23.10 0.97 0.00 | 27.31 1.16 -1.51 | 25.05 1.02 -1.39 | 22.55 0.93 0.00 | 21.80 0.80 0.00 | 21.33 0.80 0.00 | 21.51 0.85 0.00 | 22.11 0.83 0.00 | 22.54 0.95 0.00 | 23.61 0.97 -1.07 | 25.97 1.12 0.00 | 32.64 1.45 -2.09 | 33.41 1.62 0.00 | 32.86 1.53 0.00 | 29.35 1.42 0.00 | 24.33 1.09 0.00 | 22.34 0.86 0.00 | 20.65 0.66 0.00 |
| COOPERNY_115KV_TB1 80082 | 18.92 0.39 0.00 | 17.35 0.36 0.00 | 15.75 0.32 0.00 | 14.93 0.29 0.00 | 16.11 0.30 0.00 | 18.35 0.36 0.00 | 22.62 0.49 0.00 | 25.99 0.62 -0.73 | 23.92 0.61 -0.67 | 22.27 0.65 0.00 | 21.55 0.55 0.00 | 21.11 0.57 0.00 | 21.22 0.56 0.00 | 21.84 0.55 0.00 | 22.21 0.63 0.00 | 22.85 0.76 -0.52 | 26.00 1.14 0.00 | 31.52 1.31 -1.12 | 33.16 1.37 0.00 | 32.61 1.28 0.00 | 29.05 1.12 0.00 | 24.15 0.91 0.00 | 22.28 0.79 0.00 | 20.49 0.50 0.00 |
| COPENHAGEN_WT_PWR 323753 | 18.76 0.22 0.00 | 17.19 0.20 0.00 | 15.62 0.20 0.00 | 14.84 0.20 0.00 | 16.11 0.30 0.00 | 18.37 0.38 0.00 | 22.75 0.62 0.00 | 25.22 0.49 -0.08 | 23.00 0.29 -0.07 | 21.75 0.13 0.00 | 21.02 0.02 0.00 | 20.51 -0.02 0.00 | 20.60 -0.06 0.00 | 21.26 -0.02 0.00 | 21.56 -0.02 0.00 | 21.65 0.02 -0.05 | 25.00 0.15 0.00 | 29.44 0.23 -0.11 | 32.30 0.51 0.00 | 31.92 0.59 0.00 | 28.46 0.53 0.00 | 23.73 0.49 0.00 | 21.82 0.34 0.00 | 20.33 0.34 0.00 |
| CORNELL____ 23752 | 19.20 0.67 0.00 | 17.57 0.58 0.00 | 15.90 0.48 0.00 | 15.06 0.42 0.00 | 16.32 0.51 0.00 | 18.55 0.56 0.00 | 22.97 0.84 0.00 | 25.64 0.74 -0.25 | 23.46 0.59 -0.23 | 22.16 0.54 0.00 | 21.42 0.42 0.00 | 20.86 0.33 0.00 | 20.99 0.33 0.00 | 21.65 0.36 0.00 | 21.95 0.37 0.00 | 22.19 0.43 -0.18 | 25.42 0.57 0.00 | 30.18 0.73 -0.36 | 32.55 0.76 0.00 | 32.20 0.88 0.00 | 28.71 0.78 0.00 | 23.94 0.70 0.00 | 22.04 0.56 0.00 | 20.55 0.56 0.00 |
| CORONAAV_69_KV_TB1 355595 | 20.02 1.46 -0.02 | 18.28 1.29 0.00 | 16.49 1.06 0.00 | 15.69 1.05 0.00 | 16.92 1.11 0.00 | 19.38 1.39 0.00 | 23.81 1.68 0.00 | 27.97 2.10 -1.23 | 25.92 2.15 -1.13 | 23.76 2.14 0.00 | 24.42 1.93 -1.49 | 24.92 1.97 -2.42 | 25.33 1.96 -2.71 | 26.49 1.98 -3.23 | 29.52 2.09 -5.84 | 33.12 2.27 -9.28 | 46.43 2.56 -19.02 | 49.93 2.94 -17.89 | 52.61 3.08 -17.74 | 50.86 2.94 -16.59 | 33.43 2.51 -2.99 | 32.03 2.02 -6.77 | 26.12 1.87 -2.77 | 21.37 1.38 0.00 |
| CORTLAND_115KV_TB3 80093 | 19.02 0.48 0.00 | 17.40 0.41 0.00 | 15.76 0.34 0.00 | 14.94 0.31 0.00 | 16.16 0.35 0.00 | 18.37 0.38 0.00 | 22.73 0.60 0.00 | 25.38 0.52 -0.22 | 23.27 0.43 -0.20 | 22.01 0.39 0.00 | 21.30 0.29 0.00 | 20.78 0.25 0.00 | 20.91 0.25 0.00 | 21.56 0.28 0.00 | 21.85 0.26 0.00 | 22.03 0.30 -0.15 | 25.25 0.40 0.00 | 29.81 0.41 -0.31 | 32.23 0.45 0.00 | 31.86 0.53 0.00 | 28.40 0.47 0.00 | 23.66 0.42 0.00 | 21.83 0.34 0.00 | 20.35 0.36 0.00 |

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| COXSACKIE___GT 23611 | 19.55 1.02 0.00 | 17.96 0.97 0.00 | 16.33 0.91 0.00 | 15.47 0.83 0.00 | 16.73 0.92 0.00 | 19.00 1.01 0.00 | 23.44 1.31 0.00 | 27.41 1.35 -1.41 | 24.94 0.99 -1.30 | 22.63 1.02 0.00 | 21.86 0.86 0.00 | 21.33 0.80 0.00 | 21.57 0.91 0.00 | 22.20 0.91 0.00 | 22.62 1.04 0.00 | 23.65 1.08 -1.00 | 26.17 1.32 0.00 | 32.85 1.80 -1.95 | 34.20 2.41 0.00 | 33.86 2.54 0.00 | 30.05 2.12 0.00 | 24.82 1.58 0.00 | 22.71 1.22 0.00 | 20.89 0.90 0.00 |
| CPV_VALLEY___CC1 323721 | 18.74 0.20 0.00 | 17.16 0.17 0.00 | 15.59 0.17 0.00 | 14.78 0.15 0.00 | 15.95 0.14 0.00 | 18.17 0.18 0.00 | 22.37 0.24 0.00 | 25.67 0.32 -0.70 | 23.62 0.34 -0.65 | 22.05 0.43 0.00 | 21.34 0.33 0.00 | 20.88 0.35 0.00 | 21.01 0.35 0.00 | 21.65 0.36 0.00 | 22.04 0.45 0.00 | 22.59 0.52 -0.50 | 26.14 1.29 0.00 | 31.90 1.45 -1.35 | 33.32 1.53 0.00 | 32.74 1.41 0.00 | 29.16 1.23 0.00 | 24.24 1.00 0.00 | 22.30 0.82 0.00 | 20.53 0.54 0.00 |
| CPV_VALLEY___CC2 323722 | 18.74 0.20 0.00 | 17.16 0.17 0.00 | 15.59 0.17 0.00 | 14.78 0.15 0.00 | 15.95 0.14 0.00 | 18.17 0.18 0.00 | 22.37 0.24 0.00 | 25.67 0.32 -0.70 | 23.62 0.34 -0.65 | 22.05 0.43 0.00 | 21.34 0.33 0.00 | 20.88 0.35 0.00 | 21.01 0.35 0.00 | 21.65 0.36 0.00 | 22.04 0.45 0.00 | 22.59 0.52 -0.50 | 26.14 1.29 0.00 | 31.90 1.45 -1.35 | 33.32 1.53 0.00 | 32.74 1.41 0.00 | 29.16 1.23 0.00 | 24.24 1.00 0.00 | 22.30 0.82 0.00 | 20.53 0.54 0.00 |
| CRESCENT___HYD 24018 | 19.31 0.78 0.00 | 17.72 0.73 0.00 | 16.12 0.69 0.00 | 15.28 0.64 0.00 | 16.51 0.69 0.00 | 18.82 0.83 0.00 | 23.10 0.97 0.00 | 27.31 1.16 -1.51 | 25.05 1.02 -1.39 | 22.55 0.93 0.00 | 21.80 0.80 0.00 | 21.33 0.80 0.00 | 21.51 0.85 0.00 | 22.11 0.83 0.00 | 22.54 0.95 0.00 | 23.61 0.97 -1.07 | 25.97 1.12 0.00 | 32.64 1.45 -2.09 | 33.41 1.62 0.00 | 32.86 1.53 0.00 | 29.35 1.42 0.00 | 24.33 1.09 0.00 | 22.34 0.86 0.00 | 20.65 0.66 0.00 |
| CRICKET___VALLEY_CC1 323756 | 19.31 0.78 0.00 | 17.72 0.73 0.00 | 16.12 0.69 0.00 | 15.28 0.64 0.00 | 16.47 0.66 0.00 | 18.78 0.79 0.00 | 23.06 0.93 0.00 | 27.14 1.21 -1.29 | 24.98 1.15 -1.19 | 22.78 1.17 0.00 | 22.01 1.01 0.00 | 21.56 1.03 0.00 | 21.69 1.03 0.00 | 22.31 1.02 0.00 | 22.79 1.21 0.00 | 23.74 1.25 -0.91 | 26.27 1.42 0.00 | 32.52 1.69 -1.73 | 33.54 1.75 0.00 | 32.92 1.60 0.00 | 29.35 1.42 0.00 | 24.40 1.16 0.00 | 22.43 0.94 0.00 | 20.67 0.68 0.00 |
| CRICKET___VALLEY_CC2 323757 | 19.31 0.78 0.00 | 17.72 0.73 0.00 | 16.12 0.69 0.00 | 15.28 0.64 0.00 | 16.47 0.66 0.00 | 18.78 0.79 0.00 | 23.06 0.93 0.00 | 27.14 1.21 -1.29 | 24.98 1.15 -1.19 | 22.78 1.17 0.00 | 22.01 1.01 0.00 | 21.56 1.03 0.00 | 21.69 1.03 0.00 | 22.31 1.02 0.00 | 22.79 1.21 0.00 | 23.74 1.25 -0.91 | 26.27 1.42 0.00 | 32.52 1.69 -1.73 | 33.54 1.75 0.00 | 32.92 1.60 0.00 | 29.35 1.42 0.00 | 24.40 1.16 0.00 | 22.43 0.94 0.00 | 20.67 0.68 0.00 |
| CRICKET___VALLEY_CC3 323758 | 19.31 0.78 0.00 | 17.72 0.73 0.00 | 16.12 0.69 0.00 | 15.28 0.64 0.00 | 16.47 0.66 0.00 | 18.78 0.79 0.00 | 23.06 0.93 0.00 | 27.14 1.21 -1.29 | 24.98 1.15 -1.19 | 22.78 1.17 0.00 | 22.01 1.01 0.00 | 21.56 1.03 0.00 | 21.69 1.03 0.00 | 22.31 1.02 0.00 | 22.79 1.21 0.00 | 23.74 1.25 -0.91 | 26.27 1.42 0.00 | 32.52 1.69 -1.73 | 33.54 1.75 0.00 | 32.92 1.60 0.00 | 29.35 1.42 0.00 | 24.40 1.16 0.00 | 22.43 0.94 0.00 | 20.67 0.68 0.00 |
| CRUCIBLE_METL_DRP 24180 | 18.83 0.30 0.00 | 17.23 0.24 0.00 | 15.61 0.19 0.00 | 14.78 0.15 0.00 | 16.00 0.19 0.00 | 18.19 0.20 0.00 | 22.48 0.35 0.00 | 24.98 0.20 -0.13 | 22.89 0.14 -0.12 | 21.75 0.13 0.00 | 21.07 0.06 0.00 | 20.55 0.02 0.00 | 20.70 0.04 0.00 | 21.33 0.04 0.00 | 21.59 0.00 0.00 | 21.69 0.02 -0.09 | 24.85 0.00 0.00 | 29.28 0.00 -0.19 | 31.73 -0.06 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.31 0.07 0.00 | 21.55 0.06 0.00 | 20.15 0.16 0.00 |
| DAHOWA___HYDRO 323763 | 19.67 1.13 0.00 | 18.01 1.02 0.00 | 16.35 0.93 0.00 | 15.50 0.86 0.00 | 16.78 0.96 0.00 | 19.14 1.15 0.00 | 23.61 1.48 0.00 | 27.85 1.68 -1.52 | 25.47 1.43 -1.41 | 22.91 1.30 0.00 | 22.16 1.15 0.00 | 21.64 1.11 0.00 | 21.88 1.22 0.00 | 22.50 1.21 0.00 | 22.86 1.27 0.00 | 23.86 1.21 -1.08 | 26.17 1.32 0.00 | 33.04 1.83 -2.11 | 33.98 2.19 0.00 | 33.55 2.22 0.00 | 30.05 2.12 0.00 | 24.84 1.60 0.00 | 22.77 1.29 0.00 | 21.03 1.04 0.00 |
| DANC___LFGE 323619 | 18.78 0.24 0.00 | 17.19 0.20 0.00 | 15.61 0.19 0.00 | 14.81 0.18 0.00 | 16.06 0.25 0.00 | 18.30 0.31 0.00 | 22.66 0.53 0.00 | 25.13 0.39 -0.09 | 22.97 0.25 -0.08 | 21.75 0.13 0.00 | 21.04 0.04 0.00 | 20.55 0.02 0.00 | 20.62 -0.04 0.00 | 21.29 0.00 0.00 | 21.59 0.00 0.00 | 21.66 0.02 -0.06 | 24.95 0.10 0.00 | 29.40 0.18 -0.13 | 32.11 0.32 0.00 | 31.76 0.44 0.00 | 28.29 0.36 0.00 | 23.57 0.33 0.00 | 21.70 0.21 0.00 | 20.25 0.26 0.00 |
| DANSKAMMER___1 23586 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.27 0.85 0.00 | 15.44 0.80 0.00 | 16.65 0.84 0.00 | 18.94 0.95 0.00 | 23.35 1.22 0.00 | 27.43 1.55 -1.23 | 25.22 1.45 -1.14 | 23.13 1.51 0.00 | 22.35 1.35 0.00 | 21.87 1.33 0.00 | 22.00 1.34 0.00 | 22.67 1.38 0.00 | 23.14 1.56 0.00 | 24.11 1.66 -0.87 | 26.69 1.84 0.00 | 32.89 2.15 -1.64 | 34.14 2.35 0.00 | 33.58 2.26 0.00 | 29.86 1.93 0.00 | 24.80 1.56 0.00 | 22.75 1.27 0.00 | 20.91 0.92 0.00 |
| DANSKAMMER___2 23589 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.27 0.85 0.00 | 15.44 0.80 0.00 | 16.65 0.84 0.00 | 18.94 0.95 0.00 | 23.35 1.22 0.00 | 27.43 1.55 -1.23 | 25.22 1.45 -1.14 | 23.13 1.51 0.00 | 22.35 1.35 0.00 | 21.87 1.33 0.00 | 22.00 1.34 0.00 | 22.67 1.38 0.00 | 23.14 1.56 0.00 | 24.11 1.66 -0.87 | 26.69 1.84 0.00 | 32.89 2.15 -1.64 | 34.14 2.35 0.00 | 33.58 2.26 0.00 | 29.86 1.93 0.00 | 24.80 1.56 0.00 | 22.75 1.27 0.00 | 20.91 0.92 0.00 |
| DANSKAMMER___3 23590 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.27 0.85 0.00 | 15.44 0.80 0.00 | 16.65 0.84 0.00 | 18.94 0.95 0.00 | 23.35 1.22 0.00 | 27.43 1.55 -1.23 | 25.22 1.45 -1.14 | 23.13 1.51 0.00 | 22.35 1.35 0.00 | 21.87 1.33 0.00 | 22.00 1.34 0.00 | 22.67 1.38 0.00 | 23.14 1.56 0.00 | 24.11 1.66 -0.87 | 26.69 1.84 0.00 | 32.89 2.15 -1.64 | 34.14 2.35 0.00 | 33.58 2.26 0.00 | 29.86 1.93 0.00 | 24.80 1.56 0.00 | 22.75 1.27 0.00 | 20.91 0.92 0.00 |
| DANSKAMMER___4 23591 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.27 0.85 0.00 | 15.44 0.80 0.00 | 16.65 0.84 0.00 | 18.94 0.95 0.00 | 23.35 1.22 0.00 | 27.43 1.55 -1.23 | 25.22 1.45 -1.14 | 23.13 1.51 0.00 | 22.35 1.35 0.00 | 21.87 1.33 0.00 | 22.00 1.34 0.00 | 22.67 1.38 0.00 | 23.14 1.56 0.00 | 24.11 1.66 -0.87 | 26.69 1.84 0.00 | 32.89 2.15 -1.64 | 34.14 2.35 0.00 | 33.58 2.26 0.00 | 29.86 1.93 0.00 | 24.80 1.56 0.00 | 22.75 1.27 0.00 | 20.91 0.92 0.00 |
| DANSKAMMER___DIESEL 23592 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.27 0.85 0.00 | 15.42 0.79 0.00 | 16.65 0.84 0.00 | 18.94 0.95 0.00 | 23.35 1.22 0.00 | 27.43 1.55 -1.23 | 25.22 1.45 -1.14 | 23.11 1.49 0.00 | 22.35 1.34 0.00 | 21.89 1.36 0.00 | 22.00 1.34 0.00 | 22.67 1.38 0.00 | 23.10 1.51 0.00 | 24.15 1.70 -0.87 | 26.69 1.84 0.00 | 32.95 2.21 -1.65 | 34.21 2.42 0.00 | 33.64 2.32 0.00 | 29.91 1.98 0.00 | 24.80 1.56 0.00 | 22.83 1.35 0.00 | 20.91 0.92 0.00 |

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| DARBY___SOLAR 323810 | 19.61 1.07 0.00 | 17.96 0.97 0.00 | 16.30 0.88 0.00 | 15.45 0.82 0.00 | 16.73 0.92 0.00 | 19.07 1.08 0.00 | 23.53 1.40 0.00 | 27.75 1.58 -1.52 | 25.40 1.36 -1.40 | 22.87 1.25 0.00 | 22.11 1.11 0.00 | 21.62 1.09 0.00 | 21.84 1.18 0.00 | 22.46 1.17 0.00 | 22.82 1.23 0.00 | 23.84 1.19 -1.08 | 26.14 1.29 0.00 | 32.98 1.77 -2.11 | 33.89 2.10 0.00 | 33.42 2.10 0.00 | 29.91 1.98 0.00 | 24.75 1.51 0.00 | 22.68 1.20 0.00 | 20.97 0.98 0.00 |
| DASHVILLE___HYD 23610 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.18 0.76 0.00 | 15.32 0.69 0.00 | 16.55 0.74 0.00 | 18.84 0.85 0.00 | 23.22 1.08 0.00 | 26.96 1.06 -1.25 | 24.83 1.04 -1.15 | 22.96 1.34 0.00 | 22.18 1.18 0.00 | 21.74 1.21 0.00 | 21.82 1.16 0.00 | 22.48 1.19 0.00 | 22.92 1.34 0.00 | 23.78 1.32 -0.89 | 26.52 1.67 0.00 | 32.40 1.60 -1.71 | 33.89 2.10 0.00 | 33.33 2.00 0.00 | 29.63 1.70 0.00 | 24.57 1.32 0.00 | 22.62 1.14 0.00 | 20.79 0.80 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 20.94 2.39 -0.02 | 19.06 2.07 0.00 | 17.09 1.67 0.00 | 16.30 1.67 0.00 | 17.60 1.79 0.00 | 20.24 2.25 0.00 | 24.74 2.61 0.00 | 29.40 3.52 -1.23 | 27.23 3.46 -1.13 | 24.90 3.29 0.00 | 25.58 3.09 -1.49 | 25.97 3.02 -2.42 | 26.37 3.00 -2.71 | 27.64 3.13 -3.23 | 30.75 3.32 -5.84 | 34.37 3.52 -9.28 | 48.99 4.03 -20.11 | 93.28 4.71 -59.47 | 54.56 5.02 -17.75 | 52.75 4.82 -16.60 | 51.69 4.16 -19.59 | 33.40 3.39 -6.77 | 27.33 3.07 -2.77 | 22.25 2.26 0.00 |
| DELAWARE___LFGE 323621 | 19.17 0.63 0.00 | 17.57 0.58 0.00 | 15.95 0.52 0.00 | 15.10 0.47 0.00 | 16.32 0.51 0.00 | 18.60 0.61 0.00 | 22.93 0.80 0.00 | 26.14 0.94 -0.56 | 23.99 0.84 -0.51 | 22.42 0.80 0.00 | 21.70 0.69 0.00 | 21.23 0.70 0.00 | 21.32 0.66 0.00 | 21.97 0.68 0.00 | 22.30 0.71 0.00 | 22.79 0.82 -0.39 | 25.90 1.04 0.00 | 31.06 1.16 -0.80 | 33.12 1.34 0.00 | 32.61 1.28 0.00 | 29.07 1.15 0.00 | 24.17 0.93 0.00 | 22.28 0.79 0.00 | 20.59 0.60 0.00 |
| DERFIELD_115KV_TB7 355931 | 18.61 0.07 0.00 | 17.06 0.07 0.00 | 15.50 0.08 0.00 | 14.69 0.06 0.00 | 15.89 0.08 0.00 | 18.08 0.09 0.00 | 22.26 0.13 0.00 | 24.77 0.12 0.00 | 22.75 0.11 0.00 | 21.73 0.11 0.00 | 21.09 0.08 0.00 | 20.61 0.08 0.00 | 20.74 0.08 0.00 | 21.35 0.06 0.00 | 21.65 0.06 0.00 | 21.66 0.09 0.00 | 24.95 0.10 0.00 | 29.21 0.12 0.00 | 31.92 0.13 0.00 | 31.45 0.13 0.00 | 28.04 0.11 0.00 | 23.33 0.09 0.00 | 21.57 0.09 0.00 | 20.05 0.06 0.00 |
| DOGLEVILLE___HYD 23807 | 18.91 0.37 0.00 | 17.35 0.36 0.00 | 15.76 0.34 0.00 | 14.95 0.32 0.00 | 16.19 0.38 0.00 | 18.44 0.45 0.00 | 22.73 0.60 0.00 | 25.17 0.52 0.00 | 23.11 0.48 0.00 | 22.07 0.45 0.00 | 21.38 0.38 0.00 | 20.88 0.35 0.00 | 20.99 0.33 0.00 | 21.62 0.34 0.00 | 21.93 0.34 0.00 | 21.90 0.32 0.00 | 25.20 0.35 0.00 | 29.44 0.35 0.00 | 32.20 0.41 0.00 | 31.70 0.38 0.00 | 28.29 0.36 0.00 | 23.66 0.42 0.00 | 21.89 0.41 0.00 | 20.49 0.50 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 19.76 1.22 0.00 | 17.99 1.00 0.00 | 16.21 0.79 0.00 | 15.45 0.82 0.00 | 16.66 0.85 0.00 | 18.82 0.83 0.00 | 23.13 1.00 0.00 | 25.05 0.25 -0.16 | 23.10 0.32 -0.14 | 22.29 0.67 0.00 | 21.55 0.55 0.00 | 20.92 0.39 0.00 | 21.09 0.43 0.00 | 21.77 0.49 0.00 | 22.04 0.45 0.00 | 22.00 0.30 -0.12 | 25.15 0.30 0.00 | 29.45 0.15 -0.21 | 31.82 0.03 0.01 | 31.67 0.34 0.00 | 28.07 0.14 0.00 | 23.64 0.40 0.00 | 21.74 0.26 0.00 | 20.67 0.68 0.00 |
| DUNKIRK___1 23563 | 19.76 1.22 0.00 | 17.99 1.00 0.00 | 16.21 0.79 0.00 | 15.45 0.82 0.00 | 16.66 0.85 0.00 | 18.82 0.83 0.00 | 23.13 1.00 0.00 | 25.05 0.25 -0.16 | 23.10 0.32 -0.14 | 22.29 0.67 0.00 | 21.55 0.55 0.00 | 20.92 0.39 0.00 | 21.09 0.43 0.00 | 21.77 0.49 0.00 | 22.04 0.45 0.00 | 22.00 0.30 -0.12 | 25.15 0.30 0.00 | 29.45 0.15 -0.21 | 31.82 0.03 0.01 | 31.67 0.34 0.00 | 28.07 0.14 0.00 | 23.64 0.40 0.00 | 21.74 0.26 0.00 | 20.67 0.68 0.00 |
| DUNKIRK___2 23564 | 19.76 1.22 0.00 | 17.99 1.00 0.00 | 16.21 0.79 0.00 | 15.45 0.82 0.00 | 16.66 0.85 0.00 | 18.82 0.83 0.00 | 23.13 1.00 0.00 | 25.05 0.25 -0.16 | 23.10 0.32 -0.14 | 22.29 0.67 0.00 | 21.55 0.55 0.00 | 20.92 0.39 0.00 | 21.09 0.43 0.00 | 21.77 0.49 0.00 | 22.04 0.45 0.00 | 22.00 0.30 -0.12 | 25.15 0.30 0.00 | 29.45 0.15 -0.21 | 31.82 0.03 0.01 | 31.67 0.34 0.00 | 28.07 0.14 0.00 | 23.64 0.40 0.00 | 21.74 0.26 0.00 | 20.67 0.68 0.00 |
| DUNKIRK___3 23565 | 19.63 1.09 0.00 | 17.87 0.88 0.00 | 16.12 0.69 0.00 | 15.35 0.72 0.00 | 16.55 0.74 0.00 | 18.69 0.70 0.00 | 22.97 0.84 0.00 | 24.88 0.07 -0.16 | 22.92 0.14 -0.14 | 22.14 0.52 0.00 | 21.42 0.42 0.00 | 20.80 0.27 0.00 | 20.97 0.31 0.00 | 21.65 0.36 0.00 | 21.91 0.32 0.00 | 21.85 0.15 -0.12 | 25.00 0.15 0.00 | 29.31 0.00 -0.21 | 31.63 -0.16 0.01 | 31.45 0.13 0.00 | 27.93 0.00 0.00 | 23.52 0.28 0.00 | 21.63 0.15 0.00 | 20.53 0.54 0.00 |
| DUNKIRK___4 23566 | 19.68 1.15 0.00 | 17.92 0.93 0.00 | 16.15 0.72 0.00 | 15.39 0.76 0.00 | 16.60 0.79 0.00 | 18.75 0.76 0.00 | 23.04 0.91 0.00 | 24.92 0.12 -0.15 | 22.96 0.18 -0.14 | 22.18 0.56 0.00 | 21.44 0.44 0.00 | 20.82 0.29 0.00 | 20.99 0.33 0.00 | 21.67 0.38 0.00 | 21.93 0.35 0.00 | 21.89 0.19 -0.12 | 25.03 0.17 0.00 | 29.30 0.00 -0.21 | 31.66 -0.13 0.01 | 31.48 0.16 0.00 | 27.96 0.03 0.00 | 23.52 0.28 0.00 | 21.65 0.17 0.00 | 20.59 0.60 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 19.52 0.98 0.00 | 17.89 0.90 0.00 | 16.25 0.83 0.00 | 15.41 0.78 0.00 | 16.62 0.81 0.00 | 18.94 0.95 0.00 | 23.35 1.22 0.00 | 27.48 1.60 -1.23 | 25.38 1.61 -1.13 | 23.26 1.64 0.00 | 22.49 1.49 0.00 | 22.07 1.54 0.00 | 22.19 1.53 0.00 | 22.84 1.55 0.00 | 23.27 1.68 0.00 | 24.32 1.88 -0.87 | 26.92 2.06 0.00 | 33.08 2.36 -1.63 | 34.24 2.45 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.80 1.56 0.00 | 22.86 1.37 0.00 | 20.87 0.88 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.19 0.77 0.00 | 15.35 0.72 0.00 | 16.57 0.76 0.00 | 18.85 0.86 0.00 | 23.26 1.13 0.00 | 27.27 1.43 -1.20 | 25.12 1.38 -1.10 | 23.02 1.41 0.00 | 22.26 1.26 0.00 | 21.83 1.29 0.00 | 21.94 1.28 0.00 | 22.58 1.30 0.00 | 23.01 1.42 0.00 | 24.04 1.62 -0.85 | 26.57 1.71 0.00 | 32.68 2.01 -1.58 | 33.95 2.16 0.00 | 33.42 2.10 0.00 | 29.69 1.76 0.00 | 24.64 1.39 0.00 | 22.71 1.22 0.00 | 20.79 0.80 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 19.54 1.00 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.50 0.86 -0.01 | 16.69 0.87 -0.01 | 18.91 0.92 0.00 | 23.30 1.17 0.00 | 27.50 1.63 -1.23 | 25.46 1.70 -1.12 | 23.36 1.75 0.01 | 22.59 1.58 -0.01 | 22.16 1.62 -0.01 | 22.28 1.61 -0.01 | 22.91 1.62 -0.01 | 23.36 1.77 -0.01 | 24.41 1.96 -0.88 | 27.05 2.19 -0.01 | 33.18 2.44 -1.64 | 34.31 2.51 -0.01 | 33.68 2.35 -0.01 | 29.92 1.98 -0.01 | 24.87 1.63 0.00 | 22.95 1.46 -0.01 | 20.81 0.82 0.00 |
| E179THST_13_KV_LOAD 356214 | 19.61 1.08 0.00 | 18.01 1.02 0.00 | 16.39 0.96 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.60 1.73 -1.23 | 25.55 1.79 -1.12 | 23.47 1.86 0.01 | 22.67 1.66 -0.01 | 22.27 1.72 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 23.47 1.88 -0.01 | 24.52 2.07 -0.88 | 27.17 2.31 -0.01 | 33.32 2.59 -1.64 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.06 2.12 -0.01 | 24.96 1.72 0.00 | 23.04 1.55 -0.01 | 20.89 0.90 0.00 |

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| EAST HAMPTON___GT 23717 | 21.18 2.63 -0.02 | 19.27 2.28 0.00 | 17.32 1.90 0.00 | 16.49 1.86 0.00 | 17.79 1.98 0.00 | 20.47 2.46 -0.01 | 25.01 2.88 0.00 | 29.72 3.84 -1.23 | 27.54 3.76 -1.14 | 25.34 3.72 0.00 | 25.87 3.38 -1.49 | 26.30 3.35 -2.42 | 26.66 3.29 -2.71 | 27.94 3.43 -3.23 | 31.09 3.67 -5.84 | 34.65 3.80 -9.28 | 49.36 4.40 -20.11 | 93.63 5.06 -59.48 | 54.94 5.40 -17.75 | 53.16 5.23 -16.60 | 52.11 4.58 -19.60 | 33.71 3.70 -6.77 | 27.56 3.31 -2.77 | 22.52 2.52 -0.01 |
| EAST RIVER___6 23660 | 19.30 0.76 0.00 | 17.70 0.71 0.00 | 16.12 0.69 0.00 | 15.35 0.72 0.00 | 16.46 0.65 0.00 | 18.76 0.77 0.00 | 23.24 1.11 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.39 1.77 0.00 | 22.56 1.55 0.00 | 22.11 1.58 0.00 | 22.27 1.61 0.00 | 22.90 1.62 0.00 | 23.40 1.81 0.00 | 24.32 1.88 -0.87 | 27.04 2.19 0.00 | 33.05 2.33 -1.63 | 34.11 2.32 0.00 | 33.39 2.07 0.00 | 29.69 1.76 0.00 | 24.68 1.44 0.00 | 22.64 1.16 0.00 | 20.63 0.64 0.00 |
| EAST RIVER___7 23524 | 19.30 0.76 0.00 | 17.70 0.71 0.00 | 16.12 0.69 0.00 | 15.35 0.72 0.00 | 16.46 0.65 0.00 | 18.76 0.77 0.00 | 23.24 1.11 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.39 1.77 0.00 | 22.56 1.55 0.00 | 22.11 1.58 0.00 | 22.27 1.61 0.00 | 22.90 1.62 0.00 | 23.40 1.81 0.00 | 24.32 1.88 -0.87 | 27.04 2.19 0.00 | 33.05 2.33 -1.63 | 34.11 2.32 0.00 | 33.39 2.07 0.00 | 29.69 1.76 0.00 | 24.68 1.44 0.00 | 22.64 1.16 0.00 | 20.63 0.64 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 19.50 0.96 0.00 | 17.86 0.87 0.00 | 16.22 0.80 0.00 | 15.39 0.76 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.30 1.17 0.00 | 27.42 1.55 -1.22 | 25.33 1.56 -1.13 | 23.20 1.58 0.00 | 22.43 1.43 0.00 | 22.01 1.48 0.00 | 22.13 1.47 0.00 | 22.78 1.49 0.00 | 23.21 1.62 0.00 | 24.25 1.81 -0.87 | 26.82 1.96 0.00 | 32.99 2.27 -1.63 | 34.14 2.35 0.00 | 33.55 2.22 0.00 | 29.80 1.87 0.00 | 24.75 1.51 0.00 | 22.81 1.33 0.00 | 20.83 0.84 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 21.18 2.63 -0.02 | 19.27 2.28 0.00 | 17.32 1.90 0.00 | 16.49 1.86 0.00 | 17.79 1.98 0.00 | 20.47 2.46 -0.01 | 25.03 2.90 0.00 | 29.72 3.84 -1.23 | 27.56 3.78 -1.14 | 25.36 3.74 0.00 | 25.89 3.40 -1.49 | 26.32 3.37 -2.42 | 26.66 3.29 -2.71 | 27.94 3.43 -3.23 | 31.11 3.69 -5.84 | 34.65 3.80 -9.28 | 49.36 4.40 -20.11 | 93.66 5.09 -59.48 | 54.97 5.43 -17.75 | 53.19 5.26 -16.60 | 52.13 4.61 -19.60 | 33.71 3.70 -6.77 | 27.58 3.33 -2.77 | 22.52 2.52 -0.01 |
| EAST_PULASKI___ESR 323781 | 18.91 0.37 0.00 | 17.31 0.32 0.00 | 15.68 0.26 0.00 | 14.87 0.23 0.00 | 16.13 0.32 0.00 | 18.33 0.34 0.00 | 22.71 0.58 0.00 | 25.19 0.44 -0.10 | 23.05 0.32 -0.10 | 21.88 0.26 0.00 | 21.17 0.17 0.00 | 20.66 0.12 0.00 | 20.76 0.10 0.00 | 21.41 0.13 0.00 | 21.67 0.09 0.00 | 21.78 0.13 -0.07 | 25.05 0.20 0.00 | 29.48 0.23 -0.15 | 32.11 0.32 0.00 | 31.73 0.41 0.00 | 28.32 0.39 0.00 | 23.59 0.35 0.00 | 21.74 0.26 0.00 | 20.29 0.30 0.00 |
| EAST_RIVER___1 323558 | 19.46 0.93 0.00 | 17.84 0.85 0.00 | 16.22 0.80 0.00 | 15.42 0.79 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.32 1.19 0.00 | 27.53 1.65 -1.23 | 25.49 1.72 -1.13 | 23.41 1.79 0.00 | 22.58 1.58 0.00 | 22.14 1.60 0.00 | 22.27 1.61 0.00 | 22.92 1.64 0.00 | 23.42 1.83 0.00 | 24.34 1.90 -0.87 | 27.04 2.19 0.00 | 33.08 2.36 -1.63 | 34.18 2.39 0.00 | 33.52 2.19 0.00 | 29.83 1.90 0.00 | 24.82 1.58 0.00 | 22.77 1.29 0.00 | 20.81 0.82 0.00 |
| EAST_RIVER___2 323559 | 19.30 0.76 0.00 | 17.70 0.71 0.00 | 16.12 0.69 0.00 | 15.35 0.72 0.00 | 16.46 0.65 0.00 | 18.76 0.77 0.00 | 23.24 1.11 0.00 | 27.47 1.60 -1.23 | 25.44 1.68 -1.13 | 23.39 1.77 0.00 | 22.56 1.55 0.00 | 22.11 1.58 0.00 | 22.27 1.61 0.00 | 22.90 1.62 0.00 | 23.40 1.81 0.00 | 24.32 1.88 -0.87 | 27.04 2.19 0.00 | 33.05 2.33 -1.63 | 34.11 2.32 0.00 | 33.39 2.07 0.00 | 29.69 1.76 0.00 | 24.68 1.44 0.00 | 22.64 1.16 0.00 | 20.63 0.64 0.00 |
| EAST___DELAWARE_HYD 23607 | 19.15 0.61 0.00 | 17.53 0.54 0.00 | 15.88 0.46 0.00 | 15.06 0.42 0.00 | 16.27 0.46 0.00 | 18.51 0.52 0.00 | 22.86 0.73 0.00 | 26.63 0.96 -1.02 | 24.46 0.88 -0.94 | 22.55 0.93 0.00 | 21.76 0.75 0.00 | 21.29 0.76 0.00 | 20.91 0.25 0.00 | 21.54 0.26 0.00 | 22.00 0.41 0.00 | 22.84 0.54 -0.72 | 25.65 0.80 0.00 | 31.44 0.90 -1.44 | 32.81 1.02 0.00 | 32.26 0.94 0.00 | 29.35 1.42 0.00 | 24.38 1.14 0.00 | 22.40 0.92 0.00 | 20.57 0.58 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 19.68 1.15 0.00 | 17.94 0.95 0.00 | 16.18 0.76 0.00 | 15.34 0.70 0.00 | 16.62 0.81 0.00 | 18.85 0.86 0.00 | 23.32 1.19 0.00 | 25.28 0.44 -0.19 | 23.20 0.38 -0.17 | 22.27 0.65 0.00 | 21.55 0.55 0.00 | 21.01 0.47 0.00 | 21.07 0.41 0.00 | 21.80 0.51 0.00 | 22.06 0.47 0.00 | 21.98 0.26 -0.14 | 25.23 0.37 0.00 | 30.16 0.73 -0.33 | 32.49 0.70 0.00 | 32.30 0.97 0.00 | 28.68 0.75 0.00 | 24.03 0.79 0.00 | 22.06 0.58 0.00 | 20.81 0.82 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 18.70 0.17 0.00 | 17.11 0.12 0.00 | 15.50 0.08 0.00 | 14.69 0.06 0.00 | 15.89 0.08 0.00 | 18.06 0.07 0.00 | 22.31 0.18 0.00 | 24.81 0.02 -0.14 | 22.74 -0.02 -0.13 | 21.60 -0.02 0.00 | 20.94 -0.06 0.00 | 20.43 -0.10 0.00 | 20.56 -0.10 0.00 | 21.20 -0.09 0.00 | 21.46 -0.13 0.00 | 21.56 -0.11 -0.10 | 24.70 -0.15 0.00 | 29.09 -0.20 -0.20 | 31.50 -0.29 0.00 | 31.14 -0.19 0.00 | 27.76 -0.17 0.00 | 23.15 -0.09 0.00 | 21.40 -0.09 0.00 | 20.01 0.02 0.00 |
| ELEC_TRO_TEK 24086 | 19.89 1.33 -0.02 | 18.18 1.19 0.00 | 16.39 0.97 0.00 | 15.60 0.97 0.00 | 16.82 1.01 0.00 | 19.27 1.28 0.00 | 23.68 1.55 0.00 | 27.87 2.00 -1.23 | 25.81 2.04 -1.13 | 23.65 2.03 0.00 | 24.32 1.83 -1.49 | 24.80 1.85 -2.42 | 25.21 1.84 -2.71 | 26.39 1.87 -3.23 | 29.43 2.01 -5.84 | 32.99 2.14 -9.28 | 46.29 2.41 -19.03 | 49.82 2.73 -17.99 | 52.42 2.89 -17.74 | 50.67 2.76 -16.59 | 33.30 2.35 -3.03 | 31.92 1.91 -6.77 | 25.99 1.74 -2.77 | 21.23 1.24 0.00 |
| ELLENBURG_WT_PWR 323604 | 18.20 -0.33 0.00 | 16.74 -0.25 0.00 | 15.14 -0.28 0.00 | 14.46 -0.17 0.00 | 15.62 -0.19 0.00 | 17.76 -0.23 0.00 | 21.44 -0.69 0.00 | 24.10 -0.54 0.00 | 22.27 -0.36 0.00 | 21.29 -0.32 0.00 | 20.79 -0.21 0.00 | 20.25 -0.29 0.00 | 20.41 -0.25 0.00 | 21.07 -0.21 0.00 | 21.28 -0.30 0.00 | 21.34 -0.24 0.00 | 24.58 -0.27 0.00 | 28.86 -0.23 0.00 | 31.98 0.19 0.00 | 31.42 0.09 0.00 | 27.96 0.03 0.00 | 23.24 0.00 0.00 | 21.59 0.11 0.00 | 20.01 0.02 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 19.42 0.89 0.00 | 17.70 0.71 0.00 | 15.98 0.56 0.00 | 15.23 0.60 0.00 | 16.41 0.60 0.00 | 18.53 0.54 0.00 | 22.68 0.55 0.00 | 24.52 -0.27 -0.15 | 22.59 -0.18 -0.14 | 21.73 0.11 0.00 | 21.02 0.02 0.00 | 20.43 -0.10 0.00 | 20.60 -0.06 0.00 | 21.29 0.00 0.00 | 21.54 -0.04 0.00 | 21.56 -0.13 -0.12 | 24.53 -0.32 0.00 | 28.68 -0.61 -0.20 | 30.99 -0.79 0.01 | 30.82 -0.50 0.00 | 27.40 -0.53 0.00 | 23.10 -0.14 0.00 | 21.27 -0.21 0.00 | 20.33 0.34 0.00 |
| EMPIRE_CC_1 323656 | 19.07 0.54 0.00 | 17.52 0.53 0.00 | 15.95 0.52 0.00 | 15.12 0.48 0.00 | 16.30 0.49 0.00 | 18.58 0.59 0.00 | 22.71 0.57 0.00 | 26.81 0.72 -1.44 | 24.60 0.63 -1.33 | 22.18 0.56 0.00 | 21.46 0.46 0.00 | 21.01 0.47 0.00 | 21.18 0.52 0.00 | 21.78 0.49 0.00 | 22.21 0.63 -1.02 | 23.24 0.65 0.00 | 25.62 0.77 0.00 | 32.04 0.96 -1.99 | 32.87 1.08 0.00 | 32.26 0.94 0.00 | 28.82 0.89 0.00 | 23.92 0.67 0.00 | 21.95 0.47 0.00 | 20.35 0.36 0.00 |

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| EMPIRE_CC_2 323658 | 19.07 0.54 0.00 | 17.52 0.53 0.00 | 15.95 0.52 0.00 | 15.12 0.48 0.00 | 16.30 0.49 0.00 | 18.58 0.59 0.00 | 22.71 0.57 0.00 | 26.81 0.72 -1.44 | 24.60 0.63 -1.33 | 22.18 0.56 0.00 | 21.46 0.46 0.00 | 21.01 0.47 0.00 | 21.18 0.52 0.00 | 21.78 0.49 0.00 | 22.21 0.63 0.00 | 23.24 0.65 -1.02 | 25.62 0.77 0.00 | 32.04 0.96 -1.99 | 32.87 1.08 0.00 | 32.26 0.94 0.00 | 28.82 0.89 0.00 | 23.92 0.67 0.00 | 21.95 0.47 0.00 | 20.35 0.36 0.00 |
| ENORWICH_115KV_TB1 80156 | 20.09 1.56 0.00 | 18.38 1.39 0.00 | 16.66 1.23 0.00 | 15.75 1.11 0.00 | 17.09 1.28 0.00 | 19.50 1.51 0.00 | 24.28 2.15 0.00 | 27.17 2.14 -0.38 | 24.73 1.74 -0.35 | 23.04 1.43 0.00 | 22.14 1.13 0.00 | 21.54 1.01 0.00 | 21.59 0.93 0.00 | 22.31 1.02 0.00 | 22.62 1.04 0.00 | 23.05 1.21 -0.27 | 26.54 1.69 0.00 | 31.64 2.01 -0.54 | 34.33 2.54 0.00 | 33.96 2.63 0.00 | 30.28 2.35 0.00 | 25.24 2.00 0.00 | 23.16 1.68 0.00 | 21.53 1.54 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 19.52 0.98 0.00 | 17.77 0.78 0.00 | 16.02 0.60 0.00 | 15.26 0.63 0.00 | 16.46 0.65 0.00 | 18.60 0.61 0.00 | 22.86 0.73 0.00 | 24.63 -0.17 -0.15 | 22.62 -0.16 -0.14 | 22.03 0.41 0.00 | 21.32 0.32 0.00 | 20.72 0.18 0.00 | 20.89 0.23 0.00 | 21.56 0.28 0.00 | 21.82 0.24 0.00 | 21.52 -0.17 -0.12 | 24.90 0.05 0.00 | 29.10 -0.20 -0.21 | 31.53 -0.25 0.01 | 31.36 0.03 0.00 | 27.82 -0.11 0.00 | 23.40 0.16 0.00 | 21.52 0.04 0.00 | 20.45 0.46 0.00 |
| ERIE_WT_PWR 323693 | 19.54 1.00 0.00 | 17.81 0.82 0.00 | 16.05 0.63 0.00 | 15.23 0.60 0.00 | 16.47 0.66 0.00 | 18.64 0.65 0.00 | 22.86 0.73 0.00 | 24.68 -0.12 -0.15 | 22.73 -0.05 -0.14 | 21.90 0.28 0.00 | 21.21 0.21 0.00 | 20.76 0.23 0.00 | 20.79 0.12 0.00 | 21.45 0.17 0.00 | 21.69 0.11 0.00 | 21.65 -0.04 -0.12 | 24.70 -0.15 0.00 | 29.11 -0.23 -0.25 | 31.37 -0.41 0.01 | 31.29 -0.03 0.00 | 27.62 -0.31 0.00 | 23.24 0.00 0.00 | 21.44 -0.04 0.00 | 20.45 0.46 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 19.37 0.83 0.00 | 17.74 0.75 0.00 | 16.08 0.66 0.00 | 15.25 0.61 0.00 | 16.54 0.73 0.00 | 18.93 0.94 0.00 | 23.48 1.35 0.00 | 25.28 1.55 0.92 | 23.08 1.29 0.85 | 22.70 1.08 0.00 | 21.91 0.90 0.00 | 21.42 0.88 0.00 | 21.65 0.99 0.00 | 22.29 1.00 0.00 | 22.62 1.04 0.00 | 22.13 1.21 0.65 | 25.97 1.12 0.00 | 29.53 1.80 1.37 | 33.98 2.19 0.00 | 33.67 2.35 0.00 | 29.97 2.04 0.00 | 24.84 1.60 0.00 | 22.81 1.33 0.00 | 20.79 0.80 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 19.18 0.65 0.00 | 17.53 0.54 0.00 | 15.88 0.46 0.00 | 15.04 0.41 0.00 | 16.28 0.47 0.00 | 18.51 0.52 0.00 | 22.95 0.82 0.00 | 25.62 0.71 -0.25 | 23.44 0.57 -0.24 | 22.14 0.52 0.00 | 21.40 0.40 0.00 | 20.86 0.33 0.00 | 20.97 0.31 0.00 | 21.63 0.34 0.00 | 21.93 0.35 0.00 | 22.17 0.41 -0.18 | 25.40 0.55 0.00 | 30.13 0.67 -0.37 | 32.52 0.73 0.00 | 32.14 0.81 0.00 | 28.68 0.75 0.00 | 23.89 0.65 0.00 | 22.02 0.54 0.00 | 20.51 0.52 0.00 |
| ETNA_____115KV_TB2 80207 | 19.18 0.65 0.00 | 17.53 0.54 0.00 | 15.88 0.46 0.00 | 15.04 0.41 0.00 | 16.28 0.47 0.00 | 18.51 0.52 0.00 | 22.95 0.82 0.00 | 25.62 0.71 -0.25 | 23.44 0.57 -0.24 | 22.14 0.52 0.00 | 21.40 0.40 0.00 | 20.86 0.33 0.00 | 20.97 0.31 0.00 | 21.63 0.34 0.00 | 21.93 0.35 0.00 | 22.17 0.41 -0.18 | 25.40 0.55 0.00 | 30.13 0.67 -0.37 | 32.52 0.73 0.00 | 32.14 0.81 0.00 | 28.68 0.75 0.00 | 23.89 0.65 0.00 | 22.02 0.54 0.00 | 20.51 0.52 0.00 |
| EUCLID___115KV_TB2 356179 | 18.55 0.02 0.00 | 16.99 0.00 0.00 | 15.39 -0.03 0.00 | 14.59 -0.04 0.00 | 15.78 -0.03 0.00 | 17.94 -0.05 0.00 | 22.13 0.00 0.00 | 24.59 -0.17 -0.12 | 22.56 -0.18 -0.11 | 21.42 -0.19 0.00 | 20.77 -0.23 0.00 | 20.29 -0.25 0.00 | 20.41 -0.25 0.00 | 21.05 -0.23 0.00 | 21.28 -0.30 0.00 | 21.37 -0.28 -0.08 | 24.48 -0.37 0.00 | 28.80 -0.47 -0.17 | 31.22 -0.57 0.00 | 30.85 -0.47 0.00 | 27.48 -0.45 0.00 | 22.92 -0.33 0.00 | 21.20 -0.28 0.00 | 19.87 -0.12 0.00 |
| E_CANADA_CAP_HY 24051 | 19.41 0.87 0.00 | 17.79 0.80 0.00 | 16.13 0.71 0.00 | 15.29 0.66 0.00 | 16.59 0.77 0.00 | 18.96 0.97 0.00 | 23.55 1.42 0.00 | 27.79 1.60 -1.54 | 25.39 1.34 -1.42 | 22.76 1.14 0.00 | 21.93 0.92 0.00 | 21.44 0.90 0.00 | 21.69 1.03 0.00 | 22.35 1.06 0.00 | 22.77 1.19 0.00 | 24.00 1.34 -1.09 | 26.09 1.24 0.00 | 33.12 1.89 -2.13 | 34.11 2.32 0.00 | 33.80 2.47 0.00 | 30.11 2.18 0.00 | 24.99 1.74 0.00 | 22.79 1.31 0.00 | 20.83 0.84 0.00 |
| E_CANADA_MHWK_HY 24050 | 18.91 0.37 0.00 | 17.35 0.36 0.00 | 15.76 0.34 0.00 | 14.95 0.32 0.00 | 16.19 0.38 0.00 | 18.44 0.45 0.00 | 22.73 0.60 0.00 | 25.17 0.52 0.00 | 23.11 0.48 0.00 | 22.07 0.45 0.00 | 21.38 0.38 0.00 | 20.88 0.35 0.00 | 20.99 0.33 0.00 | 21.62 0.34 0.00 | 21.93 0.34 0.00 | 21.90 0.32 0.00 | 25.20 0.35 0.00 | 29.44 0.35 0.00 | 32.20 0.41 0.00 | 31.70 0.38 0.00 | 28.29 0.36 0.00 | 23.66 0.42 0.00 | 21.89 0.41 0.00 | 20.49 0.50 0.00 |
| E_FISHKILL___LBMP 23776 | 19.41 0.87 0.00 | 17.79 0.80 0.00 | 16.16 0.74 0.00 | 15.32 0.69 0.00 | 16.52 0.71 0.00 | 18.82 0.83 0.00 | 23.17 1.04 0.00 | 27.28 1.38 -1.25 | 25.15 1.36 -1.16 | 22.98 1.36 0.00 | 22.22 1.22 0.00 | 21.81 1.27 0.00 | 21.92 1.26 0.00 | 22.56 1.28 0.00 | 22.97 1.38 0.00 | 24.01 1.55 -0.89 | 26.54 1.69 0.00 | 32.75 1.98 -1.68 | 33.86 2.07 0.00 | 33.27 1.94 0.00 | 29.58 1.65 0.00 | 24.57 1.32 0.00 | 22.66 1.18 0.00 | 20.75 0.76 0.00 |
| FALCON___SEABRD_CC1 323796 | 18.39 -0.15 0.00 | 16.89 -0.10 0.00 | 15.30 -0.12 0.00 | 14.62 -0.01 0.00 | 15.78 -0.03 0.00 | 17.95 -0.04 0.00 | 21.56 -0.58 0.00 | 24.23 -0.42 0.00 | 22.39 -0.25 0.00 | 21.40 -0.22 0.00 | 20.90 -0.10 0.00 | 20.33 -0.21 0.00 | 20.52 -0.14 0.00 | 21.20 -0.08 0.00 | 21.41 -0.17 0.00 | 21.44 -0.13 0.00 | 24.73 -0.12 0.00 | 29.04 -0.06 0.00 | 32.39 0.60 0.00 | 31.82 0.50 0.00 | 28.32 0.39 0.00 | 23.52 0.28 0.00 | 21.85 0.36 0.00 | 20.21 0.22 0.00 |
| FALCON___SEABRD_CC2 323797 | 18.39 -0.15 0.00 | 16.89 -0.10 0.00 | 15.30 -0.12 0.00 | 14.62 -0.01 0.00 | 15.78 -0.03 0.00 | 17.95 -0.04 0.00 | 21.56 -0.58 0.00 | 24.23 -0.42 0.00 | 22.39 -0.25 0.00 | 21.40 -0.22 0.00 | 20.90 -0.10 0.00 | 20.33 -0.21 0.00 | 20.52 -0.14 0.00 | 21.20 -0.08 0.00 | 21.41 -0.17 0.00 | 21.44 -0.13 0.00 | 24.73 -0.12 0.00 | 29.04 -0.06 0.00 | 32.39 0.60 0.00 | 31.82 0.50 0.00 | 28.32 0.39 0.00 | 23.52 0.28 0.00 | 21.85 0.36 0.00 | 20.21 0.22 0.00 |
| FAR ROCKAWAY___4 23548 | 20.18 1.63 -0.02 | 18.43 1.44 0.00 | 16.61 1.19 0.00 | 15.82 1.19 0.00 | 17.04 1.23 0.00 | 19.54 1.55 0.00 | 24.01 1.88 0.00 | 28.19 2.32 -1.23 | 26.12 2.35 -1.13 | 23.95 2.33 0.00 | 24.63 2.14 -1.49 | 25.11 2.16 -2.42 | 25.50 2.13 -2.71 | 26.66 2.15 -3.23 | 29.73 2.31 -5.84 | 33.23 2.37 -9.28 | 46.58 2.71 -19.02 | 50.10 3.11 -17.89 | 52.84 3.31 -17.74 | 51.08 3.16 -16.59 | 33.60 2.68 -2.99 | 32.19 2.18 -6.77 | 26.31 2.06 -2.77 | 21.55 1.56 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 19.48 0.95 0.00 | 17.86 0.87 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.35 1.22 0.00 | 27.53 1.65 -1.23 | 25.49 1.72 -1.13 | 23.39 1.77 0.00 | 22.60 1.60 0.00 | 22.20 1.66 0.00 | 22.29 1.63 0.00 | 22.92 1.64 0.00 | 23.38 1.79 -0.87 | 24.43 1.98 0.00 | 27.09 2.24 0.00 | 33.20 2.47 -1.63 | 34.30 2.51 0.00 | 33.67 2.35 0.00 | 29.91 1.98 0.00 | 24.84 1.60 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 19.50 0.96 0.00 | 17.86 0.87 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.93 0.94 0.00 | 23.35 1.22 0.00 | 27.53 1.65 -1.23 | 25.49 1.72 -1.13 | 23.39 1.77 0.00 | 22.60 1.60 0.00 | 22.20 1.66 0.00 | 22.29 1.63 0.00 | 22.92 1.64 0.00 | 23.38 1.79 0.00 | 24.45 2.01 -0.87 | 27.09 2.24 0.00 | 33.20 2.47 -1.63 | 34.30 2.51 0.00 | 33.67 2.35 0.00 | 29.91 1.98 0.00 | 24.84 1.60 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.53 1.65 -1.23 | 25.47 1.70 -1.13 | 23.39 1.77 0.00 | 22.58 1.58 0.00 | 22.18 1.64 0.00 | 22.27 1.61 0.00 | 22.92 1.64 0.00 | 23.36 1.77 0.00 | 24.43 1.98 -0.87 | 27.06 2.21 0.00 | 33.17 2.44 -1.63 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |
| FARRAGUT___LBMP 323566 | 19.46 0.93 0.00 | 17.84 0.85 0.00 | 16.22 0.80 0.00 | 15.39 0.76 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.15 1.62 0.00 | 22.25 1.59 0.00 | 22.90 1.62 0.00 | 23.36 1.77 0.00 | 24.41 1.96 -0.87 | 27.04 2.19 0.00 | 33.14 2.41 -1.63 | 34.27 2.48 0.00 | 33.61 2.29 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.81 0.82 0.00 |
| FENNER___WINDPWR 24204 | 19.00 0.46 0.00 | 17.40 0.41 0.00 | 15.79 0.37 0.00 | 14.95 0.32 0.00 | 16.21 0.40 0.00 | 18.44 0.45 0.00 | 22.79 0.66 0.00 | 25.39 0.59 -0.15 | 23.25 0.48 -0.14 | 22.03 0.41 0.00 | 21.32 0.32 0.00 | 20.82 0.29 0.00 | 20.93 0.27 0.00 | 21.58 0.30 0.00 | 21.91 0.32 0.00 | 21.98 0.30 -0.11 | 25.27 0.42 0.00 | 29.77 0.46 -0.22 | 32.36 0.57 0.00 | 31.95 0.63 0.00 | 28.46 0.53 0.00 | 23.71 0.46 0.00 | 21.82 0.34 0.00 | 20.41 0.42 0.00 |
| FIBERTEK___ENERGY 23856 | 18.83 0.30 0.00 | 17.23 0.24 0.00 | 15.61 0.19 0.00 | 14.78 0.15 0.00 | 16.00 0.19 0.00 | 18.19 0.20 0.00 | 22.48 0.35 0.00 | 24.98 0.20 -0.13 | 22.89 0.14 -0.12 | 21.75 0.13 0.00 | 21.07 0.06 0.00 | 20.55 0.02 0.00 | 20.70 0.04 0.00 | 21.33 0.04 0.00 | 21.59 0.00 0.00 | 21.69 0.02 -0.09 | 24.85 0.00 0.00 | 29.28 0.00 -0.19 | 31.73 -0.06 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.31 0.07 0.00 | 21.55 0.06 0.00 | 20.15 0.16 0.00 |
| FITZPATRICK____ 23598 | 18.28 -0.26 0.00 | 16.72 -0.27 0.00 | 15.16 -0.26 0.00 | 14.37 -0.26 0.00 | 15.54 -0.27 0.00 | 17.68 -0.31 0.00 | 21.78 -0.35 0.00 | 24.19 -0.54 -0.09 | 22.20 -0.52 -0.08 | 21.12 -0.50 0.00 | 20.48 -0.52 0.00 | 20.02 -0.51 0.00 | 20.12 -0.54 0.00 | 20.75 -0.53 0.00 | 21.05 -0.54 0.00 | 21.03 -0.60 -0.06 | 24.08 -0.77 0.00 | 28.32 -0.90 -0.13 | 30.77 -1.02 0.00 | 30.39 -0.94 0.00 | 27.06 -0.87 0.00 | 22.54 -0.70 0.00 | 20.84 -0.64 0.00 | 19.59 -0.40 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 20.43 1.87 -0.02 | 18.62 1.63 0.00 | 16.73 1.31 0.00 | 15.95 1.32 0.00 | 17.20 1.39 0.00 | 19.76 1.76 0.00 | 24.21 2.08 0.00 | 28.71 2.83 -1.23 | 26.60 2.83 -1.13 | 24.37 2.75 0.00 | 25.01 2.52 -1.49 | 25.46 2.50 -2.42 | 25.87 2.50 -2.71 | 27.09 2.58 -3.23 | 30.17 2.74 -5.84 | 33.79 2.93 -9.28 | 48.64 3.23 -20.55 | 109.44 3.75 -76.59 | 53.48 3.94 -17.75 | 51.72 3.79 -16.60 | 57.68 3.32 -26.43 | 32.78 2.77 -6.77 | 26.79 2.53 -2.77 | 21.77 1.78 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 19.61 1.08 0.00 | 17.96 0.97 0.00 | 16.28 0.86 0.00 | 15.44 0.80 0.00 | 16.66 0.85 0.00 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.46 1.58 -1.23 | 25.25 1.47 -1.14 | 23.13 1.51 0.00 | 22.37 1.37 0.00 | 21.93 1.40 0.00 | 22.04 1.38 0.00 | 22.69 1.40 0.00 | 23.12 1.53 0.00 | 24.20 1.75 -0.88 | 26.74 1.89 0.00 | 32.99 2.24 -1.65 | 34.24 2.45 0.00 | 33.70 2.38 0.00 | 29.94 2.01 0.00 | 24.84 1.60 0.00 | 22.88 1.40 0.00 | 20.95 0.96 0.00 |
| FORT ORANGE____ 23900 | 18.98 0.44 0.00 | 17.46 0.48 0.00 | 15.93 0.51 0.00 | 15.10 0.47 0.00 | 16.27 0.46 0.00 | 18.51 0.52 0.00 | 22.71 0.57 0.00 | 26.87 0.74 -1.48 | 24.62 0.61 -1.37 | 22.18 0.56 0.00 | 21.46 0.46 0.00 | 20.98 0.45 0.00 | 21.18 0.52 0.00 | 21.80 0.51 0.00 | 22.21 0.63 0.00 | 23.29 0.67 -1.05 | 25.62 0.77 0.00 | 32.13 0.99 -2.05 | 32.97 1.18 0.00 | 32.45 1.13 0.00 | 28.93 1.00 0.00 | 23.98 0.74 0.00 | 22.00 0.51 0.00 | 20.31 0.32 0.00 |
| FORT_DRUM_COGEN 23780 | 18.72 0.19 0.00 | 17.18 0.19 0.00 | 15.61 0.19 0.00 | 14.85 0.22 0.00 | 16.11 0.30 0.00 | 18.37 0.38 0.00 | 22.75 0.62 0.00 | 25.21 0.49 -0.07 | 23.00 0.29 -0.07 | 21.73 0.11 0.00 | 21.00 0.00 0.00 | 20.47 -0.06 0.00 | 20.56 -0.10 0.00 | 21.24 -0.04 0.00 | 21.52 -0.06 0.00 | 21.62 0.00 -0.05 | 25.00 0.15 0.00 | 29.40 0.20 -0.10 | 32.30 0.51 0.00 | 31.92 0.60 0.00 | 28.49 0.56 0.00 | 23.75 0.51 0.00 | 21.87 0.39 0.00 | 20.33 0.34 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 20.18 1.63 -0.02 | 18.43 1.44 0.00 | 16.66 1.23 0.00 | 15.82 1.18 0.00 | 17.06 1.25 0.00 | 19.55 1.55 -0.01 | 24.01 1.88 0.00 | 28.19 2.32 -1.23 | 26.13 2.35 -1.14 | 24.04 2.42 0.00 | 24.63 2.14 -1.49 | 25.09 2.14 -2.42 | 25.50 2.13 -2.71 | 26.66 2.15 -3.23 | 29.75 2.33 -5.84 | 33.16 2.31 -9.28 | 46.56 2.68 -19.02 | 50.04 3.05 -17.89 | 52.74 3.21 -17.74 | 50.99 3.07 -16.59 | 33.57 2.65 -2.99 | 32.19 2.18 -6.77 | 26.21 1.95 -2.77 | 21.56 1.56 -0.01 |
| FPL_FAR_ROCK_GT2 23815 | 20.18 1.63 -0.02 | 18.43 1.44 0.00 | 16.66 1.23 0.00 | 15.82 1.18 0.00 | 17.06 1.25 0.00 | 19.55 1.55 -0.01 | 24.01 1.88 0.00 | 28.19 2.32 -1.23 | 26.13 2.35 -1.14 | 24.04 2.42 0.00 | 24.63 2.14 -1.49 | 25.09 2.14 -2.42 | 25.50 2.13 -2.71 | 26.66 2.15 -3.23 | 29.75 2.33 -5.84 | 33.16 2.31 -9.28 | 46.56 2.68 -19.02 | 50.04 3.05 -17.89 | 52.74 3.21 -17.74 | 50.99 3.07 -16.59 | 33.57 2.65 -2.99 | 32.19 2.18 -6.77 | 26.21 1.95 -2.77 | 21.56 1.56 -0.01 |
| FRANKLIN_FALL_HYD 24054 | 18.28 -0.26 0.00 | 16.80 -0.19 0.00 | 15.22 -0.20 0.00 | 14.55 -0.09 0.00 | 15.73 -0.08 0.00 | 17.86 -0.13 0.00 | 21.64 -0.49 0.00 | 24.25 -0.39 0.00 | 22.39 -0.25 0.00 | 21.36 -0.26 0.00 | 20.83 -0.17 0.00 | 20.27 -0.27 0.00 | 20.43 -0.23 0.00 | 21.09 -0.19 0.00 | 21.41 -0.17 0.00 | 21.34 -0.24 0.00 | 24.60 -0.25 0.00 | 28.89 -0.20 0.00 | 31.92 0.13 0.00 | 31.45 0.13 0.00 | 28.07 0.14 0.00 | 23.36 0.12 0.00 | 21.57 0.09 0.00 | 20.11 0.12 0.00 |
| FREEPORT_EQUS_GT1 23764 | 20.09 1.54 -0.02 | 18.33 1.34 0.00 | 16.56 1.14 0.00 | 15.75 1.11 0.00 | 16.96 1.15 0.00 | 19.46 1.46 -0.01 | 23.88 1.75 0.00 | 28.12 2.24 -1.23 | 26.04 2.26 -1.14 | 23.93 2.31 0.00 | 24.53 2.04 -1.49 | 24.98 2.03 -2.42 | 25.40 2.03 -2.71 | 26.60 2.09 -3.23 | 29.69 2.27 -5.84 | 33.16 2.31 -9.28 | 46.57 2.68 -19.03 | 50.41 3.03 -18.29 | 52.71 3.18 -17.74 | 50.96 3.04 -16.59 | 33.73 2.65 -3.15 | 32.15 2.14 -6.77 | 26.14 1.89 -2.77 | 21.42 1.42 -0.01 |
| FREEPORT___CT2 23818 | 20.09 1.54 -0.02 | 18.33 1.34 0.00 | 16.56 1.14 0.00 | 15.75 1.11 0.00 | 16.96 1.15 0.00 | 19.46 1.46 -0.01 | 23.88 1.75 0.00 | 28.12 2.24 -1.23 | 26.04 2.26 -1.14 | 23.93 2.31 0.00 | 24.53 2.04 -1.49 | 24.98 2.03 -2.42 | 25.40 2.03 -2.71 | 26.60 2.09 -3.23 | 29.69 2.27 -5.84 | 33.16 2.31 -9.28 | 46.57 2.68 -19.03 | 50.41 3.03 -18.29 | 52.71 3.18 -17.74 | 50.96 3.04 -16.59 | 33.73 2.65 -3.15 | 32.15 2.14 -6.77 | 26.14 1.89 -2.77 | 21.42 1.42 -0.01 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FRESHKLS_33_KV_LOAD 356253 | 19.72 1.19 0.00 | 18.03 1.04 0.00 | 16.45 1.02 -0.01 | 15.62 0.98 -0.01 | 16.81 1.00 -0.01 | 18.98 0.99 0.00 | 23.28 1.15 0.00 | 27.43 1.55 -1.23 | 25.39 1.63 -1.12 | 23.32 1.71 0.01 | 22.51 1.51 0.01 | 22.11 1.58 0.01 | 22.22 1.57 0.01 | 22.85 1.58 0.01 | 23.33 1.75 0.01 | 24.42 1.98 -0.86 | 27.11 2.26 0.01 | 32.30 2.56 -0.65 | 32.13 2.64 2.30 | 31.48 2.47 2.32 | 29.93 2.01 0.01 | 24.82 1.58 0.00 | 22.93 1.44 -0.01 | 20.97 0.98 0.00 |
| FULTON COGEN____ 23766 | 18.98 0.44 0.00 | 17.36 0.37 0.00 | 15.73 0.31 0.00 | 14.90 0.26 0.00 | 16.14 0.33 0.00 | 18.33 0.34 0.00 | 22.71 0.58 0.00 | 25.16 0.39 -0.11 | 23.04 0.29 -0.11 | 21.90 0.28 0.00 | 21.21 0.21 0.00 | 20.70 0.16 0.00 | 20.83 0.17 0.00 | 21.46 0.17 0.00 | 21.72 0.13 0.00 | 21.80 0.15 -0.08 | 25.03 0.17 0.00 | 29.49 0.23 -0.16 | 31.98 0.19 0.00 | 31.64 0.31 0.00 | 28.21 0.28 0.00 | 23.52 0.28 0.00 | 21.70 0.21 0.00 | 20.33 0.34 0.00 |
| FULTON____LFGE 323630 | 19.94 1.41 0.00 | 18.23 1.24 0.00 | 16.50 1.08 0.00 | 15.66 1.02 0.00 | 17.01 1.20 0.00 | 19.47 1.48 0.00 | 24.23 2.10 0.00 | 28.21 2.02 -1.54 | 25.71 1.65 -1.42 | 22.98 1.36 0.00 | 22.09 1.09 0.00 | 21.58 1.05 0.00 | 21.88 1.22 0.00 | 22.58 1.30 0.00 | 23.06 1.47 0.00 | 24.30 1.64 -1.09 | 26.52 1.67 0.00 | 33.70 2.47 -2.13 | 34.78 2.99 0.00 | 34.49 3.16 0.00 | 30.70 2.77 0.00 | 25.36 2.11 0.00 | 23.14 1.65 0.00 | 21.37 1.38 0.00 |
| G.F.CEMENT____DRP 24184 | 19.85 1.32 0.00 | 18.15 1.16 0.00 | 16.47 1.05 0.00 | 15.60 0.97 0.00 | 16.90 1.09 0.00 | 19.30 1.31 0.00 | 23.88 1.75 0.00 | 28.12 1.95 -1.53 | 25.74 1.70 -1.41 | 23.20 1.58 0.00 | 22.41 1.41 0.00 | 21.91 1.38 0.00 | 22.15 1.49 0.00 | 22.75 1.47 0.00 | 22.58 0.99 0.00 | 23.56 0.91 -1.08 | 25.72 0.87 0.00 | 32.64 1.43 -2.12 | 33.54 1.75 0.00 | 33.17 1.85 0.00 | 29.75 1.82 0.00 | 24.57 1.32 0.00 | 23.03 1.55 0.00 | 21.23 1.24 0.00 |
| GARDENVILLE____LBMP 24039 | 19.48 0.95 0.00 | 17.75 0.76 0.00 | 16.01 0.59 0.00 | 15.26 0.63 0.00 | 16.44 0.63 0.00 | 18.58 0.59 0.00 | 22.77 0.64 0.00 | 24.60 -0.20 -0.15 | 22.66 -0.11 -0.14 | 21.83 0.22 0.00 | 21.13 0.13 0.00 | 20.53 0.00 0.00 | 20.70 0.04 0.00 | 21.37 0.09 0.00 | 21.65 0.06 0.00 | 21.61 -0.09 -0.12 | 24.68 -0.17 0.00 | 28.86 -0.44 -0.20 | 31.15 -0.64 0.01 | 31.01 -0.31 0.00 | 27.51 -0.42 0.00 | 23.19 -0.05 0.00 | 21.35 -0.13 0.00 | 20.37 0.38 0.00 |
| GARDNVLA_35_KV_LD 355827 | 19.57 1.04 0.00 | 17.82 0.83 0.00 | 16.07 0.65 0.00 | 15.32 0.69 0.00 | 16.52 0.71 0.00 | 18.66 0.67 0.00 | 22.88 0.75 0.00 | 24.72 -0.07 -0.15 | 22.75 -0.02 -0.14 | 21.96 0.35 0.00 | 21.25 0.25 0.00 | 20.64 0.10 0.00 | 20.81 0.14 0.00 | 21.50 0.21 0.00 | 21.76 0.17 0.00 | 21.69 0.00 -0.12 | 24.80 -0.05 0.00 | 29.01 -0.29 -0.21 | 31.34 -0.45 0.01 | 31.17 -0.16 0.00 | 27.68 -0.25 0.00 | 23.31 0.07 0.00 | 21.46 -0.02 0.00 | 20.47 0.48 0.00 |
| GELCKHM__115KV_LOAD 80723 | 18.66 0.13 0.00 | 17.07 0.08 0.00 | 15.47 0.05 0.00 | 14.66 0.03 0.00 | 15.86 0.05 0.00 | 18.03 0.04 0.00 | 22.26 0.13 0.00 | 24.74 -0.02 -0.12 | 22.68 -0.07 -0.11 | 21.55 -0.06 0.00 | 20.88 -0.13 0.00 | 20.39 -0.14 0.00 | 20.52 -0.14 0.00 | 21.16 -0.13 0.00 | 21.39 -0.19 0.00 | 21.49 -0.17 -0.09 | 24.63 -0.22 0.00 | 28.98 -0.29 -0.18 | 31.41 -0.38 0.00 | 31.04 -0.28 0.00 | 27.68 -0.25 0.00 | 23.08 -0.16 0.00 | 21.33 -0.15 0.00 | 19.97 -0.02 0.00 |
| GENERAL____MILLS 23808 | 19.54 1.00 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.29 0.66 0.00 | 16.49 0.68 0.00 | 18.62 0.63 0.00 | 22.84 0.71 0.00 | 24.65 -0.15 -0.15 | 22.71 -0.07 -0.14 | 21.92 0.30 0.00 | 21.19 0.19 0.00 | 20.59 0.06 0.00 | 20.76 0.10 0.00 | 21.46 0.17 0.00 | 21.72 0.13 0.00 | 21.65 -0.04 -0.12 | 24.75 -0.10 0.00 | 28.95 -0.35 -0.21 | 31.28 -0.51 0.01 | 31.10 -0.22 0.00 | 27.62 -0.31 0.00 | 23.26 0.02 0.00 | 21.42 -0.06 0.00 | 20.43 0.44 0.00 |
| GE_PLASTICS____DRP 24183 | 19.00 0.46 0.00 | 17.47 0.48 0.00 | 15.91 0.49 0.00 | 15.07 0.44 0.00 | 16.25 0.44 0.00 | 18.49 0.50 0.00 | 22.71 0.58 0.00 | 26.87 0.74 -1.49 | 24.64 0.63 -1.37 | 22.22 0.61 0.00 | 21.51 0.50 0.00 | 21.07 0.53 0.00 | 21.22 0.56 0.00 | 21.84 0.55 0.00 | 22.19 0.60 0.00 | 23.34 0.71 -1.05 | 25.62 0.77 0.00 | 32.17 1.02 -2.06 | 32.93 1.14 0.00 | 32.39 1.07 0.00 | 28.88 0.95 0.00 | 23.94 0.70 0.00 | 22.08 0.60 0.00 | 20.35 0.36 0.00 |
| GILBOA____1 23756 | 19.09 0.56 0.00 | 17.52 0.53 0.00 | 15.91 0.49 0.00 | 15.09 0.45 0.00 | 16.28 0.47 0.00 | 18.55 0.56 0.00 | 22.82 0.69 0.00 | 26.64 0.84 -1.16 | 24.50 0.79 -1.07 | 22.39 0.78 0.00 | 21.67 0.67 0.00 | 21.21 0.68 0.00 | 21.34 0.68 0.00 | 21.97 0.68 0.00 | 22.39 0.80 0.00 | 23.21 0.82 -0.82 | 25.82 0.97 0.00 | 31.74 1.05 -1.60 | 32.93 1.14 0.00 | 32.39 1.07 0.00 | 28.96 1.03 0.00 | 24.08 0.84 0.00 | 22.13 0.64 0.00 | 20.47 0.48 0.00 |
| GILBOA____2 23757 | 19.09 0.56 0.00 | 17.52 0.53 0.00 | 15.91 0.49 0.00 | 15.09 0.45 0.00 | 16.28 0.47 0.00 | 18.55 0.56 0.00 | 22.82 0.69 0.00 | 26.64 0.84 -1.16 | 24.50 0.79 -1.07 | 22.39 0.78 0.00 | 21.67 0.67 0.00 | 21.21 0.68 0.00 | 21.34 0.68 0.00 | 21.97 0.68 0.00 | 22.39 0.80 0.00 | 23.21 0.82 -0.82 | 25.82 0.97 0.00 | 31.74 1.05 -1.60 | 32.93 1.14 0.00 | 32.39 1.07 0.00 | 28.96 1.03 0.00 | 24.08 0.84 0.00 | 22.13 0.64 0.00 | 20.47 0.48 0.00 |
| GILBOA____3 23758 | 19.09 0.56 0.00 | 17.52 0.53 0.00 | 15.91 0.49 0.00 | 15.09 0.45 0.00 | 16.28 0.47 0.00 | 18.55 0.56 0.00 | 22.82 0.69 0.00 | 26.64 0.84 -1.16 | 24.50 0.79 -1.07 | 22.39 0.78 0.00 | 21.67 0.67 0.00 | 21.21 0.68 0.00 | 21.34 0.68 0.00 | 21.97 0.68 0.00 | 22.39 0.80 0.00 | 23.21 0.82 -0.82 | 25.82 0.97 0.00 | 31.74 1.05 -1.60 | 32.93 1.14 0.00 | 32.39 1.07 0.00 | 28.96 1.03 0.00 | 24.08 0.84 0.00 | 22.13 0.64 0.00 | 20.47 0.48 0.00 |
| GILBOA____4 23759 | 19.09 0.56 0.00 | 17.52 0.53 0.00 | 15.91 0.49 0.00 | 15.09 0.45 0.00 | 16.28 0.47 0.00 | 18.55 0.56 0.00 | 22.82 0.69 0.00 | 26.64 0.84 -1.16 | 24.50 0.79 -1.07 | 22.39 0.78 0.00 | 21.67 0.67 0.00 | 21.21 0.68 0.00 | 21.34 0.68 0.00 | 21.97 0.68 0.00 | 22.39 0.80 0.00 | 23.21 0.82 -0.82 | 25.82 0.97 0.00 | 31.74 1.05 -1.60 | 32.93 1.14 0.00 | 32.39 1.07 0.00 | 28.96 1.03 0.00 | 24.08 0.84 0.00 | 22.13 0.64 0.00 | 20.47 0.48 0.00 |
| GILBOA____ 23599 | 19.09 0.56 0.00 | 17.52 0.53 0.00 | 15.91 0.49 0.00 | 15.09 0.45 0.00 | 16.28 0.47 0.00 | 18.55 0.56 0.00 | 22.82 0.69 0.00 | 26.64 0.84 -1.16 | 24.50 0.79 -1.07 | 22.40 0.78 0.00 | 21.67 0.67 0.00 | 21.23 0.70 0.00 | 21.34 0.68 0.00 | 21.97 0.68 0.00 | 22.34 0.76 0.00 | 23.23 0.84 -0.82 | 25.82 0.97 0.00 | 31.78 1.08 -1.61 | 32.93 1.14 0.00 | 32.42 1.10 0.00 | 28.96 1.03 0.00 | 24.05 0.81 0.00 | 22.19 0.71 0.00 | 20.47 0.48 0.00 |
| GINNA____ 23603 | 18.15 -0.39 0.00 | 16.57 -0.42 0.00 | 14.97 -0.45 0.00 | 14.18 -0.45 0.00 | 15.35 -0.46 0.00 | 17.43 -0.56 0.00 | 21.44 -0.69 0.00 | 23.65 -1.13 -0.14 | 21.75 -1.02 -0.13 | 20.62 -0.99 0.00 | 19.99 -1.01 0.00 | 19.53 -1.01 0.00 | 19.61 -1.05 0.00 | 20.24 -1.04 0.00 | 20.57 -1.01 0.00 | 20.76 -0.91 -0.10 | 23.51 -1.34 0.00 | 27.75 -1.57 -0.22 | 30.01 -1.78 0.00 | 29.79 -1.53 0.00 | 26.34 -1.59 0.00 | 22.03 -1.21 0.00 | 20.30 -1.18 0.00 | 19.19 -0.80 0.00 |

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|--|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| GLEN PARK____ 23778 | 18.85 0.31 0.00 | 17.30 0.31 0.00 | 15.70 0.28 0.00 | 14.93 0.29 0.00 | 16.21 0.40 0.00 | 18.48 0.49 0.00 | 22.93 0.80 0.00 | 25.36 0.64 -0.07 | 23.11 0.41 -0.07 | 21.83 0.22 0.00 | 21.09 0.08 0.00 | 20.57 0.04 0.00 | 20.64 -0.02 0.00 | 21.33 0.04 0.00 | 21.63 0.04 0.00 | 21.73 0.11 -0.05 | 25.13 0.27 0.00 | 29.58 0.38 -0.11 | 32.52 0.73 0.00 | 32.17 0.85 0.00 | 28.65 0.72 0.00 | 23.89 0.65 0.00 | 21.98 0.49 0.00 | 20.43 0.44 0.00 |
| GLENDALDE_27_KV_LOAD 356172 | 19.63 1.09 0.00 | 17.98 0.99 0.00 | 16.37 0.94 -0.01 | 15.52 0.88 -0.01 | 16.72 0.90 -0.01 | 19.02 1.03 0.00 | 23.46 1.33 0.00 | 27.70 1.82 -1.23 | 25.66 1.88 -1.14 | 23.55 1.92 -0.01 | 22.73 1.72 -0.01 | 22.33 1.79 -0.01 | 22.45 1.78 -0.01 | 23.08 1.79 -0.01 | 31.30 1.94 -7.77 | 31.43 2.14 -7.72 | 34.26 2.39 -7.02 | 35.33 2.68 -3.56 | 34.56 2.77 -0.01 | 33.93 2.60 -0.01 | 30.14 2.21 -0.01 | 25.01 1.77 0.00 | 23.04 1.55 -0.01 | 20.95 0.96 0.00 |
| GLENWOOD_IC_1_G5 23712 | 19.85 1.30 -0.02 | 18.15 1.16 0.00 | 16.41 0.99 0.00 | 15.60 0.97 0.00 | 16.82 1.01 0.00 | 19.23 1.24 0.00 | 23.66 1.53 0.00 | 27.85 1.97 -1.23 | 25.76 1.99 -1.13 | 23.54 1.92 0.00 | 24.26 1.76 -1.49 | 24.74 1.79 -2.42 | 25.15 1.78 -2.71 | 26.41 1.89 -3.23 | 29.45 2.03 -5.84 | 33.05 2.20 -9.28 | 46.17 2.29 -19.03 | 49.98 2.62 -18.27 | 52.27 2.73 -17.74 | 50.49 2.57 -16.59 | 33.36 2.29 -3.14 | 31.94 1.93 -6.77 | 25.97 1.72 -2.77 | 21.19 1.20 0.00 |
| GLENWOOD_IC_2_G1 23688 | 19.72 1.17 -0.02 | 18.03 1.04 0.00 | 16.35 0.93 0.00 | 15.53 0.89 0.00 | 16.73 0.92 0.00 | 19.11 1.12 -0.01 | 23.50 1.37 0.00 | 27.67 1.80 -1.23 | 25.61 1.83 -1.14 | 23.48 1.86 0.00 | 24.15 1.66 -1.49 | 24.61 1.66 -2.42 | 25.06 1.69 -2.71 | 26.24 1.72 -3.23 | 29.32 1.90 -5.84 | 32.82 1.96 -9.28 | 46.09 2.21 -19.02 | 49.46 2.47 -17.89 | 52.14 2.61 -17.74 | 50.36 2.44 -16.59 | 33.04 2.12 -2.99 | 31.78 1.77 -6.77 | 25.71 1.46 -2.77 | 21.06 1.06 -0.01 |
| GLENWOOD_IC_3_G1 23689 | 19.72 1.17 -0.02 | 18.03 1.04 0.00 | 16.35 0.93 0.00 | 15.53 0.89 0.00 | 16.73 0.92 0.00 | 19.11 1.12 -0.01 | 23.50 1.37 0.00 | 27.67 1.80 -1.23 | 25.61 1.83 -1.14 | 23.48 1.86 0.00 | 24.15 1.66 -1.49 | 24.61 1.66 -2.42 | 25.06 1.69 -2.71 | 26.24 1.72 -3.23 | 29.32 1.90 -5.84 | 32.82 1.96 -9.28 | 46.09 2.21 -19.02 | 49.46 2.47 -17.89 | 52.14 2.61 -17.74 | 50.36 2.44 -16.59 | 33.04 2.12 -2.99 | 31.78 1.77 -6.77 | 25.71 1.46 -2.77 | 21.06 1.06 -0.01 |
| GLENWOOD____4 23550 | 19.85 1.30 -0.02 | 18.15 1.16 0.00 | 16.41 0.99 0.00 | 15.60 0.97 0.00 | 16.82 1.01 0.00 | 19.23 1.24 0.00 | 23.66 1.53 0.00 | 27.85 1.97 -1.23 | 25.76 1.99 -1.13 | 23.56 1.95 0.00 | 24.28 1.79 -1.49 | 24.78 1.83 -2.42 | 25.17 1.80 -2.71 | 26.41 1.89 -3.23 | 29.45 2.03 -5.84 | 33.05 2.20 -9.28 | 46.25 2.36 -19.03 | 50.04 2.68 -18.27 | 52.33 2.80 -17.74 | 50.58 2.66 -16.59 | 33.39 2.32 -3.14 | 31.94 1.93 -6.77 | 25.97 1.72 -2.77 | 21.19 1.20 0.00 |
| GLENWOOD____5 23614 | 19.85 1.30 -0.02 | 18.15 1.16 0.00 | 16.41 0.99 0.00 | 15.60 0.97 0.00 | 16.82 1.01 0.00 | 19.23 1.24 0.00 | 23.66 1.53 0.00 | 27.85 1.97 -1.23 | 25.76 1.99 -1.13 | 23.56 1.95 0.00 | 24.28 1.79 -1.49 | 24.78 1.83 -2.42 | 25.17 1.80 -2.71 | 26.41 1.89 -3.23 | 29.45 2.03 -5.84 | 33.05 2.20 -9.28 | 46.25 2.36 -19.03 | 50.04 2.68 -18.27 | 52.33 2.80 -17.74 | 50.58 2.66 -16.59 | 33.39 2.32 -3.14 | 31.94 1.93 -6.77 | 25.97 1.72 -2.77 | 21.19 1.20 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 21.13 2.58 -0.02 | 19.23 2.24 0.00 | 17.29 1.87 0.00 | 16.45 1.81 0.00 | 17.76 1.94 0.00 | 20.43 2.43 -0.01 | 24.99 2.86 0.00 | 29.60 3.72 -1.23 | 27.42 3.65 -1.14 | 25.23 3.61 0.00 | 25.77 3.28 -1.49 | 26.19 3.24 -2.42 | 26.55 3.18 -2.71 | 27.81 3.30 -3.23 | 30.98 3.56 -5.84 | 34.54 3.69 -9.28 | 49.26 4.30 -20.11 | 93.53 4.95 -59.49 | 54.85 5.31 -17.75 | 53.03 5.11 -16.60 | 52.00 4.47 -19.60 | 33.61 3.60 -6.77 | 27.45 3.20 -2.77 | 22.48 2.48 -0.01 |
| GLOBE____DSASP 323697 | 19.05 0.52 0.00 | 17.43 0.44 0.00 | 15.73 0.31 0.00 | 15.06 0.42 0.00 | 16.16 0.35 0.00 | 18.24 0.25 0.00 | 22.04 -0.09 0.00 | 23.80 -0.99 -0.14 | 21.95 -0.81 -0.13 | 21.01 -0.61 0.00 | 20.33 -0.67 0.00 | 19.77 -0.76 0.00 | 19.94 -0.72 0.00 | 20.58 -0.70 0.00 | 20.85 -0.73 0.00 | 21.02 -0.67 -0.11 | 23.71 -1.14 0.00 | 27.71 -1.57 -0.19 | 29.81 -1.97 0.01 | 29.66 -1.66 0.00 | 26.37 -1.56 0.00 | 22.29 -0.95 0.00 | 20.54 -0.95 0.00 | 19.83 -0.16 0.00 |
| GOETHSLN____LBMP 323567 | 19.34 0.82 0.01 | 17.71 0.73 0.01 | 16.15 0.72 0.00 | 15.32 0.69 0.00 | 16.49 0.68 0.00 | 18.82 0.83 0.00 | 23.19 1.06 0.00 | 27.35 1.48 -1.23 | 25.33 1.56 -1.13 | 23.26 1.64 0.00 | 22.45 1.45 0.00 | 22.05 1.52 0.00 | 22.15 1.49 0.00 | 22.78 1.49 0.00 | 23.23 1.64 0.00 | 24.30 1.86 -0.87 | 26.92 2.06 0.00 | 31.96 2.21 -0.66 | 31.76 2.26 2.29 | 31.08 2.07 2.31 | 29.72 1.79 0.00 | 24.68 1.44 0.00 | 22.73 1.25 0.00 | 20.69 0.70 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 19.18 0.65 0.00 | 17.50 0.51 0.00 | 15.81 0.39 0.00 | 15.03 0.40 0.00 | 16.21 0.40 0.00 | 18.35 0.36 0.00 | 22.51 0.38 0.00 | 24.69 -0.10 -0.14 | 22.72 -0.05 -0.13 | 21.62 0.00 0.00 | 20.96 -0.04 0.00 | 20.35 -0.18 0.00 | 20.52 -0.14 0.00 | 21.20 -0.09 0.00 | 21.46 -0.13 0.00 | 21.72 0.04 -0.10 | 24.60 -0.25 0.00 | 28.83 -0.47 -0.20 | 31.15 -0.64 0.00 | 30.98 -0.34 0.00 | 27.51 -0.42 0.00 | 23.08 -0.16 0.00 | 21.29 -0.19 0.00 | 20.23 0.24 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 19.30 0.76 0.00 | 17.69 0.70 0.00 | 16.04 0.62 0.00 | 15.20 0.57 0.00 | 16.43 0.62 0.00 | 18.75 0.76 0.00 | 23.13 1.00 0.00 | 26.34 1.13 -0.56 | 24.20 1.04 -0.52 | 22.59 0.97 0.00 | 21.84 0.84 0.00 | 21.35 0.82 0.00 | 21.45 0.79 0.00 | 22.09 0.81 0.00 | 22.43 0.84 0.00 | 22.92 0.95 -0.40 | 26.10 1.24 0.00 | 31.27 1.37 -0.81 | 33.38 1.59 0.00 | 32.86 1.53 0.00 | 29.30 1.37 0.00 | 24.36 1.12 0.00 | 22.43 0.95 0.00 | 20.73 0.74 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 19.09 0.56 0.00 | 17.47 0.48 0.00 | 15.81 0.39 0.00 | 15.00 0.37 0.00 | 16.21 0.40 0.00 | 18.40 0.41 0.00 | 22.73 0.60 0.00 | 25.62 0.59 -0.38 | 23.49 0.50 -0.35 | 22.14 0.52 0.00 | 21.42 0.42 0.00 | 20.92 0.39 0.00 | 21.05 0.39 0.00 | 21.71 0.43 0.00 | 22.00 0.41 0.00 | 22.30 0.45 -0.27 | 25.45 0.60 0.00 | 30.20 0.55 -0.55 | 32.33 0.54 0.00 | 31.95 0.63 0.00 | 28.49 0.56 0.00 | 23.75 0.51 0.00 | 21.89 0.41 0.00 | 20.39 0.40 0.00 |
| GOUDEY____7 23579 | 19.11 0.57 0.00 | 17.47 0.48 0.00 | 15.82 0.40 0.00 | 15.01 0.38 0.00 | 16.22 0.41 0.00 | 18.42 0.43 0.00 | 22.75 0.62 0.00 | 25.65 0.62 -0.38 | 23.51 0.52 -0.35 | 22.14 0.52 0.00 | 21.44 0.44 0.00 | 20.94 0.41 0.00 | 21.07 0.41 0.00 | 21.71 0.43 0.00 | 22.02 0.43 0.00 | 22.32 0.47 -0.27 | 25.47 0.62 0.00 | 30.23 0.58 -0.55 | 32.36 0.57 0.00 | 31.98 0.66 0.00 | 28.52 0.59 0.00 | 23.78 0.53 0.00 | 21.91 0.43 0.00 | 20.41 0.42 0.00 |
| GOUDEY____8 23580 | 19.09 0.56 0.00 | 17.47 0.48 0.00 | 15.81 0.39 0.00 | 15.00 0.37 0.00 | 16.21 0.40 0.00 | 18.40 0.41 0.00 | 22.73 0.60 0.00 | 25.62 0.59 -0.38 | 23.49 0.50 -0.35 | 22.14 0.52 0.00 | 21.42 0.42 0.00 | 20.92 0.39 0.00 | 21.05 0.39 0.00 | 21.71 0.43 0.00 | 22.00 0.41 0.00 | 22.30 0.45 -0.27 | 25.45 0.60 0.00 | 30.20 0.55 -0.55 | 32.33 0.54 0.00 | 31.95 0.63 0.00 | 28.49 0.56 0.00 | 23.75 0.51 0.00 | 21.89 0.41 0.00 | 20.39 0.40 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|
| GOWANUS_GT1_1 24077 | 19.65 1.11 0.00 | 17.98 0.99 0.00 | 16.37 0.94 -0.01 | 15.53 0.89 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.26 1.90 -7.77 | 31.41 2.11 -7.72 | 34.26 2.39 -7.02 | 35.33 2.68 -3.56 | 34.60 2.80 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 23.01 1.53 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT1_2 24078 | 19.65 1.11 0.00 | 17.98 0.99 0.00 | 16.37 0.94 -0.01 | 15.53 0.89 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.26 1.90 -7.77 | 31.41 2.11 -7.72 | 34.26 2.39 -7.02 | 35.33 2.68 -3.56 | 34.60 2.80 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 23.01 1.53 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT1_3 24079 | 19.65 1.11 0.00 | 17.98 0.99 0.00 | 16.37 0.94 -0.01 | 15.53 0.89 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.26 1.90 -7.77 | 31.41 2.11 -7.72 | 34.26 2.39 -7.02 | 35.33 2.68 -3.56 | 34.60 2.80 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 23.01 1.53 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT1_4 24080 | 19.65 1.11 0.00 | 17.98 0.99 0.00 | 16.37 0.94 -0.01 | 15.53 0.89 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.26 1.90 -7.77 | 31.41 2.11 -7.72 | 34.26 2.39 -7.02 | 35.33 2.68 -3.56 | 34.60 2.80 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 23.01 1.53 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT1_5 24084 | 19.65 1.11 0.00 | 17.98 0.99 0.00 | 16.37 0.94 -0.01 | 15.53 0.89 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.26 1.90 -7.77 | 31.41 2.11 -7.72 | 34.26 2.39 -7.02 | 35.33 2.68 -3.56 | 34.60 2.80 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 23.01 1.53 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT1_6 24111 | 19.65 1.11 0.00 | 17.98 0.99 0.00 | 16.37 0.94 -0.01 | 15.53 0.89 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.26 1.90 -7.77 | 31.41 2.11 -7.72 | 34.26 2.39 -7.02 | 35.33 2.68 -3.56 | 34.60 2.80 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 23.01 1.53 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT1_7 24112 | 19.65 1.11 0.00 | 17.98 0.99 0.00 | 16.37 0.94 -0.01 | 15.53 0.89 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.26 1.90 -7.77 | 31.41 2.11 -7.72 | 34.26 2.39 -7.02 | 35.33 2.68 -3.56 | 34.60 2.80 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 23.01 1.53 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT1_8 24113 | 19.65 1.11 0.00 | 17.98 0.99 0.00 | 16.37 0.94 -0.01 | 15.53 0.89 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.26 1.90 -7.77 | 31.41 2.11 -7.72 | 34.26 2.39 -7.02 | 35.33 2.68 -3.56 | 34.60 2.80 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 23.01 1.53 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT2_1 24114 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| GOWANUS_GT2_2 24115 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| GOWANUS_GT2_3 24116 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| GOWANUS_GT2_4 24117 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| GOWANUS_GT2_5 24118 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| GOWANUS_GT2_6 24119 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| GOWANUS_GT2_7 24120 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |

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| GOWANUS_GT2_8 24121 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| GOWANUS_GT3_1 24122 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT3_2 24123 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT3_3 24124 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT3_4 24125 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT3_5 24126 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT3_6 24127 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| GOWANUS_GT3_7 24128 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | | | | | | | | | | | | | | | | | | | | |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_7 24136 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.52 0.88 -0.01 | 16.70 0.89 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.02 1.72 -0.01 | 31.26 1.90 -7.77 | 31.39 2.09 -7.72 | 34.23 2.36 -7.02 | 35.33 2.68 -3.56 | 34.56 2.77 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 22.99 1.50 -0.01 | 20.93 0.94 0.00 |
| GOWANUS_GT4_8 24137 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.52 0.88 -0.01 | 16.70 0.89 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.02 1.72 -0.01 | 31.26 1.90 -7.77 | 31.39 2.09 -7.72 | 34.23 2.36 -7.02 | 35.33 2.68 -3.56 | 34.56 2.77 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 22.99 1.50 -0.01 | 20.93 0.94 0.00 |
| GREENBSH_115KV_TB3 55895 | 18.91 0.37 0.00 | 17.40 0.41 0.00 | 15.87 0.45 0.00 | 15.03 0.40 0.00 | 16.19 0.38 0.00 | 18.42 0.43 0.00 | 22.60 0.46 0.00 | 26.78 0.64 -1.49 | 24.53 0.52 -1.37 | 22.09 0.48 0.00 | 21.38 0.38 0.00 | 20.94 0.41 0.00 | 21.12 0.45 0.00 | 21.71 0.43 0.00 | 22.08 0.50 0.00 | 23.23 0.60 -1.06 | 25.50 0.65 0.00 | 32.03 0.87 -2.06 | 32.78 0.99 0.00 | 32.23 0.91 0.00 | 28.77 0.84 0.00 | 23.82 0.58 0.00 | 21.98 0.49 0.00 | 20.21 0.22 0.00 |
| GREENDGE_115KV_TB5 80291 | 19.26 0.72 0.00 | 17.58 0.59 0.00 | 15.90 0.48 0.00 | 15.07 0.44 0.00 | 16.33 0.52 0.00 | 18.53 0.54 0.00 | 22.97 0.84 0.00 | 25.21 0.37 -0.19 | 23.09 0.27 -0.18 | 21.99 0.37 0.00 | 21.25 0.25 0.00 | 20.68 0.14 0.00 | 20.81 0.14 0.00 | 21.52 0.23 0.00 | 21.80 0.22 0.00 | 21.86 0.15 -0.14 | 25.08 0.22 0.00 | 29.84 0.47 -0.28 | 32.04 0.25 0.00 | 31.73 0.41 0.00 | 28.40 0.47 0.00 | 23.75 0.51 0.00 | 21.83 0.34 0.00 | 20.47 0.48 0.00 |
| GREENIDGE___3 23582 | 19.26 0.72 0.00 | 17.58 0.59 0.00 | 15.90 0.48 0.00 | 15.07 0.44 0.00 | 16.33 0.52 0.00 | 18.53 0.54 0.00 | 22.97 0.84 0.00 | 25.21 0.37 -0.19 | 23.09 0.27 -0.18 | 21.99 0.37 0.00 | 21.25 0.25 0.00 | 20.68 0.14 0.00 | 20.81 0.14 0.00 | 21.52 0.23 0.00 | 21.80 0.22 0.00 | 21.86 0.15 -0.14 | 25.08 0.22 0.00 | 29.84 0.47 -0.28 | 32.04 0.25 0.00 | 31.73 0.41 0.00 | 28.40 0.47 0.00 | 23.75 0.51 0.00 | 21.83 0.34 0.00 | 20.47 0.48 0.00 |
| GREENIDGE___4 23583 | 19.26 0.72 0.00 | 17.58 0.59 0.00 | 15.90 0.48 0.00 | 15.04 0.41 0.00 | 16.32 0.51 0.00 | 18.53 0.54 0.00 | 22.97 0.84 0.00 | 25.18 0.34 -0.19 | 23.09 0.27 -0.18 | 21.98 0.37 0.00 | 21.26 0.25 0.00 | 20.74 0.21 0.00 | 20.83 0.16 0.00 | 21.52 0.23 0.00 | 21.82 0.24 0.00 | 21.84 0.13 -0.14 | 25.03 0.18 0.00 | 29.92 0.49 -0.33 | 32.07 0.29 0.00 | 31.86 0.53 0.00 | 28.40 0.47 0.00 | 23.73 0.49 0.00 | 21.78 0.30 0.00 | 20.47 0.48 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 20.17 1.61 -0.02 | 18.42 1.43 -0.01 | 16.61 1.19 0.00 | 15.81 1.17 -0.01 | 17.05 1.23 -0.01 | 19.54 1.55 -0.01 | 23.99 1.86 -0.01 | 28.25 2.37 -1.23 | 26.15 2.38 -1.14 | 23.98 2.36 -0.01 | 24.62 2.12 -1.49 | 25.09 2.14 -2.42 | 25.50 2.13 -2.71 | 26.69 2.17 -3.23 | 29.74 2.31 -5.84 | 33.30 2.44 -9.29 | 46.46 2.73 -18.87 | 44.08 3.14 -11.84 | 52.84 3.31 -17.75 | 51.09 3.16 -16.60 | 31.21 2.71 -0.57 | 32.25 2.23 -6.77 | 26.30 2.04 -2.78 | 21.51 1.52 -0.01 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.52 0.88 -0.01 | 16.70 0.89 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.02 1.72 -0.01 | 31.26 1.90 -7.77 | 31.39 2.09 -7.72 | 34.23 2.36 -7.02 | 35.33 2.68 -3.56 | 34.56 2.77 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 22.99 1.50 -0.01 | 20.93 0.94 0.00 |
| GRISSOM___SOLAR 323813 | 19.94 1.41 0.00 | 18.23 1.24 0.00 | 16.50 1.08 0.00 | 15.66 1.02 0.00 | 17.01 1.20 0.00 | 19.47 1.48 0.00 | 24.23 2.10 0.00 | 28.21 2.02 -1.54 | 25.71 1.65 -1.42 | 22.98 1.36 0.00 | 22.09 1.09 0.00 | 21.58 1.05 0.00 | 21.88 1.22 0.00 | 22.58 1.30 0.00 | 23.06 1.47 0.00 | 24.30 1.64 -1.09 | 26.52 1.67 0.00 | 33.70 2.47 -2.13 | 34.78 2.99 0.00 | 34.49 3.16 0.00 | 30.70 2.77 0.00 | 25.36 2.11 0.00 | 23.14 1.65 0.00 | 21.37 1.38 0.00 |
| GROVEVILLE___HYD 323602 | 19.61 1.08 0.00 | 17.96 0.97 0.00 | 16.28 0.86 0.00 | 15.44 0.80 0.00 | 16.66 0.85 0.00 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.46 1.58 -1.23 | 25.25 1.47 -1.14 | 23.13 1.51 0.00 | 22.37 1.37 0.00 | 21.93 1.40 0.00 | 22.04 1.38 0.00 | 22.69 1.40 0.00 | 23.12 1.53 0.00 | 24.20 1.75 -0.88 | 26.74 1.89 0.00 | 32.99 2.24 -1.65 | 34.24 2.45 0.00 | 33.70 2.38 0.00 | 29.94 2.01 0.00 | 24.84 1.60 0.00 | 22.88 1.40 0.00 | 20.95 0.96 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 18.83 0.30 0.00 | 17.23 0.24 0.00 | 15.61 0.19 0.00 | 14.78 0.15 0.00 | 16.00 0.19 0.00 | 18.19 0.20 0.00 | 22.48 0.35 0.00 | 24.98 0.20 -0.13 | 22.89 0.14 -0.12 | 21.75 0.13 0.00 | 21.07 0.06 0.00 | 20.55 0.02 0.00 | 20.70 0.04 0.00 | 21.33 0.04 0.00 | 21.59 0.00 0.00 | 21.69 0.02 -0.09 | 24.85 0.00 0.00 | 29.28 0.00 -0.19 | 31.73 -0.06 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.31 0.07 0.00 | 21.55 0.06 0.00 | 20.15 0.16 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 18.81 0.28 0.00 | 17.21 0.22 0.00 | 15.59 0.17 0.00 | 14.78 0.15 0.00 | 15.98 0.17 0.00 | 18.17 0.18 0.00 | 22.46 0.33 0.00 | 24.98 0.20 -0.14 | 22.90 0.14 -0.13 | 21.75 0.13 0.00 | 21.07 0.06 0.00 | 20.55 0.02 0.00 | 20.68 0.02 0.00 | 21.33 0.04 0.00 | 21.59 0.00 0.00 | 21.69 0.02 -0.10 | 24.85 0.00 0.00 | 29.29 0.00 -0.20 | 31.73 -0.06 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.31 0.07 0.00 | 21.52 0.04 0.00 | 20.11 0.12 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 18.18 -0.35 0.00 | 16.70 -0.29 0.00 | 15.17 -0.25 0.00 | 14.49 -0.15 0.00 | 15.70 -0.11 0.00 | 17.83 -0.16 0.00 | 21.89 -0.24 0.00 | 24.31 -0.37 -0.04 | 22.26 -0.41 -0.03 | 21.08 -0.54 0.00 | 20.46 -0.55 0.00 | 19.96 -0.57 0.00 | 20.06 -0.60 0.00 | 20.69 -0.60 0.00 | 20.94 -0.65 0.00 | 21.00 -0.60 -0.03 | 24.23 -0.62 0.00 | 28.45 -0.70 -0.05 | 31.25 -0.54 0.00 | 30.86 -0.47 0.00 | 27.62 -0.31 0.00 | 23.13 -0.12 0.00 | 21.44 -0.04 0.00 | 19.89 -0.10 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 18.79 0.26 0.00 | 17.25 0.26 0.00 | 15.67 0.25 0.00 | 14.88 0.25 0.00 | 16.11 0.30 0.00 | 18.35 0.36 0.00 | 22.62 0.49 0.00 | 25.07 0.42 0.00 | 23.02 0.38 0.00 | 22.01 0.39 0.00 | 21.30 0.29 0.00 | 20.80 0.27 0.00 | 20.91 0.25 0.00 | 21.54 0.26 0.00 | 21.85 0.26 0.00 | 21.81 0.24 0.00 | 25.10 0.25 0.00 | 29.36 0.26 0.00 | 32.08 0.29 0.00 | 31.57 0.25 0.00 | 28.21 0.28 0.00 | 23.57 0.33 0.00 | 21.82 0.34 0.00 | 20.41 0.42 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.18 0.76 0.00 | 15.34 0.70 0.00 | 16.55 0.74 0.00 | 18.84 0.85 0.00 | 23.24 1.11 0.00 | 27.19 1.40 -1.14 | 25.07 1.38 -1.05 | 23.02 1.41 0.00 | 22.26 1.26 0.00 | 21.83 1.29 0.00 | 21.94 1.28 0.00 | 22.60 1.32 0.00 | 23.01 1.42 0.00 | 24.00 1.62 -0.81 | 26.57 1.71 0.00 | 32.60 2.01 -1.50 | 33.92 2.13 0.00 | 33.36 2.04 0.00 | 29.63 1.70 0.00 | 24.59 1.35 0.00 | 22.66 1.18 0.00 | 20.79 0.80 0.00 |

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| HARSNRAD_115KV_TB1 81005 | 19.31 0.78 0.00 | 17.60 0.61 0.00 | 15.88 0.46 0.00 | 15.15 0.51 0.00 | 16.32 0.51 0.00 | 18.42 0.43 0.00 | 22.53 0.40 0.00 | 24.32 -0.47 -0.14 | 22.43 -0.34 -0.13 | 21.51 -0.11 0.00 | 20.79 -0.21 0.00 | 20.20 -0.33 0.00 | 20.37 -0.29 0.00 | 21.05 -0.23 0.00 | 21.33 -0.26 0.00 | 21.45 -0.24 -0.11 | 24.28 -0.57 0.00 | 28.39 -0.90 -0.19 | 30.58 -1.21 0.01 | 30.45 -0.88 0.00 | 27.04 -0.89 0.00 | 22.82 -0.42 0.00 | 21.01 -0.47 0.00 | 20.17 0.18 0.00 |
| HARZA MOOSE__RIVER 24016 | 18.63 0.09 0.00 | 17.11 0.12 0.00 | 15.56 0.14 0.00 | 14.85 0.22 0.00 | 16.10 0.28 0.00 | 18.33 0.34 0.00 | 22.64 0.51 0.00 | 25.11 0.42 -0.05 | 22.97 0.29 -0.04 | 21.81 0.19 0.00 | 21.11 0.11 0.00 | 20.59 0.06 0.00 | 20.68 0.02 0.00 | 21.35 0.06 0.00 | 21.65 0.06 0.00 | 21.71 0.11 -0.03 | 25.08 0.22 0.00 | 29.42 0.26 -0.07 | 32.24 0.45 0.00 | 31.79 0.47 0.00 | 28.38 0.45 0.00 | 23.66 0.42 0.00 | 21.80 0.32 0.00 | 20.29 0.30 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 18.65 0.11 0.00 | 17.06 0.07 0.00 | 15.45 0.03 0.00 | 14.65 0.01 0.00 | 15.84 0.03 0.00 | 18.01 0.02 0.00 | 22.24 0.11 0.00 | 24.72 -0.05 -0.12 | 22.66 -0.09 -0.11 | 21.53 -0.09 0.00 | 20.88 -0.13 0.00 | 20.37 -0.16 0.00 | 20.52 -0.14 0.00 | 21.14 -0.15 0.00 | 21.39 -0.19 0.00 | 21.47 -0.19 -0.09 | 24.60 -0.25 0.00 | 28.95 -0.32 -0.18 | 31.38 -0.41 0.00 | 31.01 -0.31 0.00 | 27.62 -0.31 0.00 | 23.03 -0.21 0.00 | 21.31 -0.17 0.00 | 19.93 -0.06 0.00 |
| HELLGATE_13_KV_LD 55870 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.49 0.85 -0.01 | 16.69 0.87 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.24 1.70 -0.01 | 22.36 1.69 -0.01 | 23.00 1.70 -0.01 | 31.22 1.86 -7.77 | 31.35 2.05 -7.72 | 34.16 2.29 -7.02 | 35.18 2.53 -3.56 | 34.40 2.61 -0.01 | 33.78 2.44 -0.01 | 30.03 2.09 -0.01 | 24.91 1.67 0.00 | 22.97 1.48 -0.01 | 20.89 0.90 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.49 0.85 -0.01 | 16.69 0.87 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.24 1.70 -0.01 | 22.36 1.69 -0.01 | 23.00 1.70 -0.01 | 31.22 1.86 -7.77 | 31.35 2.05 -7.72 | 34.16 2.29 -7.02 | 35.18 2.53 -3.56 | 34.40 2.61 -0.01 | 33.78 2.44 -0.01 | 30.03 2.09 -0.01 | 24.91 1.67 0.00 | 22.97 1.48 -0.01 | 20.89 0.90 0.00 |
| HEMPSTEAD____ 23647 | 19.89 1.34 -0.02 | 18.18 1.19 0.00 | 16.44 1.02 0.00 | 15.61 0.98 0.00 | 16.82 1.01 0.00 | 19.28 1.28 -0.01 | 23.66 1.53 0.00 | 27.90 2.02 -1.23 | 25.84 2.06 -1.14 | 23.69 2.08 0.00 | 24.32 1.83 -1.49 | 24.78 1.83 -2.42 | 25.21 1.84 -2.71 | 26.41 1.89 -3.23 | 29.50 2.07 -5.84 | 32.97 2.12 -9.28 | 46.30 2.41 -19.03 | 50.07 2.71 -18.27 | 52.36 2.83 -17.74 | 50.58 2.66 -16.59 | 33.41 2.35 -3.14 | 31.94 1.93 -6.77 | 25.93 1.68 -2.77 | 21.22 1.22 -0.01 |
| HEWLETT__69_KV_BK3 55828 | 20.09 1.54 -0.02 | 18.35 1.36 0.00 | 16.55 1.13 0.00 | 15.75 1.11 0.00 | 16.98 1.17 0.00 | 19.45 1.46 0.00 | 23.90 1.77 0.00 | 28.07 2.19 -1.23 | 26.01 2.24 -1.13 | 23.87 2.25 0.00 | 24.53 2.04 -1.49 | 25.00 2.05 -2.42 | 25.39 2.02 -2.71 | 26.56 2.04 -3.23 | 29.60 2.18 -5.84 | 33.16 2.31 -9.28 | 46.51 2.63 -19.02 | 49.98 3.00 -17.89 | 52.71 3.18 -17.74 | 50.96 3.04 -16.59 | 33.49 2.57 -2.99 | 32.10 2.09 -6.77 | 26.21 1.95 -2.77 | 21.45 1.46 0.00 |
| HICKLING__1 23621 | 19.35 0.82 0.00 | 17.67 0.68 0.00 | 15.96 0.54 0.00 | 15.15 0.51 0.00 | 16.38 0.57 0.00 | 18.55 0.56 0.00 | 22.95 0.82 0.00 | 25.04 0.17 -0.22 | 22.98 0.14 -0.21 | 22.07 0.45 0.00 | 21.34 0.34 0.00 | 20.72 0.18 0.00 | 20.89 0.23 0.00 | 21.63 0.34 0.00 | 21.89 0.30 0.00 | 21.80 0.06 -0.16 | 25.08 0.22 0.00 | 30.00 0.58 -0.32 | 32.30 0.51 0.00 | 32.01 0.69 0.00 | 28.52 0.59 0.00 | 23.89 0.65 0.00 | 21.95 0.47 0.00 | 20.53 0.54 0.00 |
| HICKLING__2 23622 | 19.35 0.82 0.00 | 17.67 0.68 0.00 | 15.96 0.54 0.00 | 15.15 0.51 0.00 | 16.38 0.57 0.00 | 18.55 0.56 0.00 | 22.95 0.82 0.00 | 25.04 0.17 -0.22 | 22.98 0.14 -0.21 | 22.07 0.45 0.00 | 21.34 0.34 0.00 | 20.72 0.18 0.00 | 20.89 0.23 0.00 | 21.63 0.34 0.00 | 21.89 0.30 0.00 | 21.80 0.06 -0.16 | 25.08 0.22 0.00 | 30.00 0.58 -0.32 | 32.30 0.51 0.00 | 32.01 0.69 0.00 | 28.52 0.59 0.00 | 23.89 0.65 0.00 | 21.95 0.47 0.00 | 20.53 0.54 0.00 |
| HIGH FALLS__HY 23754 | 19.50 0.96 0.00 | 17.82 0.83 0.00 | 16.15 0.72 0.00 | 15.31 0.67 0.00 | 16.54 0.73 0.00 | 18.82 0.83 0.00 | 23.26 1.13 0.00 | 27.12 1.28 -1.19 | 24.96 1.22 -1.10 | 22.91 1.30 0.00 | 22.14 1.13 0.00 | 21.68 1.15 0.00 | 21.63 0.97 0.00 | 22.29 1.00 0.00 | 22.75 1.17 0.00 | 23.78 1.36 -0.84 | 26.47 1.62 0.00 | 32.56 1.83 -1.64 | 33.86 2.07 0.00 | 33.30 1.97 0.00 | 29.77 1.84 0.00 | 24.68 1.44 0.00 | 22.73 1.25 0.00 | 20.89 0.90 0.00 |
| HILLBURN__GT 23639 | 19.48 0.94 0.00 | 17.82 0.83 0.00 | 16.19 0.77 0.00 | 15.38 0.75 0.00 | 16.57 0.76 0.00 | 18.87 0.88 0.00 | 23.28 1.15 0.00 | 27.24 1.43 -1.16 | 25.16 1.45 -1.07 | 23.11 1.49 0.00 | 22.33 1.32 0.00 | 21.87 1.33 0.00 | 22.02 1.36 0.00 | 22.67 1.38 0.00 | 23.14 1.56 0.00 | 24.04 1.64 -0.83 | 26.64 1.79 0.00 | 32.60 1.98 -1.53 | 33.86 2.07 0.00 | 33.24 1.91 0.00 | 29.61 1.68 0.00 | 24.61 1.37 0.00 | 22.58 1.09 0.00 | 20.79 0.80 0.00 |
| HILLSIDE_115KV_TB1 80332 | 19.07 0.54 0.00 | 17.40 0.41 0.00 | 15.73 0.31 0.00 | 14.94 0.31 0.00 | 16.14 0.33 0.00 | 18.30 0.31 0.00 | 22.60 0.46 0.00 | 24.63 -0.25 -0.23 | 22.62 -0.23 -0.21 | 21.75 0.13 0.00 | 21.02 0.02 0.00 | 20.43 -0.10 0.00 | 20.58 -0.08 0.00 | 21.33 0.04 0.00 | 21.56 -0.02 0.00 | 21.46 -0.28 -0.17 | 24.70 -0.15 0.00 | 29.55 0.12 -0.33 | 31.82 0.03 0.00 | 31.48 0.16 0.00 | 28.07 0.14 0.00 | 23.50 0.26 0.00 | 21.61 0.13 0.00 | 20.23 0.24 0.00 |
| HISHELDN_WT_PWR 323625 | 19.41 0.87 0.00 | 17.69 0.70 0.00 | 15.96 0.54 0.00 | 15.15 0.51 0.00 | 16.38 0.57 0.00 | 18.55 0.56 0.00 | 22.77 0.64 0.00 | 24.61 -0.20 -0.16 | 22.67 -0.11 -0.15 | 21.79 0.17 0.00 | 21.11 0.11 0.00 | 20.64 0.10 0.00 | 20.66 0.00 0.00 | 21.35 0.06 0.00 | 21.59 0.00 0.00 | 21.59 -0.11 -0.13 | 24.60 -0.25 0.00 | 29.14 -0.23 -0.27 | 31.37 -0.41 0.01 | 31.23 -0.09 0.00 | 27.62 -0.31 0.00 | 23.22 -0.02 0.00 | 21.40 -0.09 0.00 | 20.37 0.38 0.00 |
| HOLTSVILLE_IC_1 23690 | 20.33 1.78 -0.02 | 18.52 1.53 0.00 | 16.70 1.28 0.00 | 15.88 1.24 0.00 | 17.12 1.31 0.00 | 19.67 1.67 -0.01 | 24.08 1.95 0.00 | 28.46 2.59 -1.23 | 26.36 2.58 -1.14 | 24.19 2.57 0.00 | 24.76 2.27 -1.49 | 25.21 2.26 -2.42 | 25.62 2.25 -2.71 | 26.83 2.32 -3.23 | 29.95 2.52 -5.84 | 33.44 2.59 -9.28 | 47.90 2.96 -20.09 | 91.03 3.32 -58.62 | 53.07 3.53 -17.75 | 51.31 3.38 -16.60 | 50.23 3.04 -19.26 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.64 1.64 -0.01 |
| HOLTSVILLE_IC_10 23699 | 20.46 1.91 -0.02 | 18.64 1.65 0.00 | 16.79 1.37 0.00 | 15.97 1.33 0.00 | 17.22 1.41 0.00 | 19.80 1.80 -0.01 | 24.24 2.10 0.00 | 28.66 2.78 -1.23 | 26.56 2.78 -1.14 | 24.41 2.79 0.00 | 24.97 2.48 -1.49 | 25.39 2.44 -2.42 | 25.81 2.44 -2.71 | 27.03 2.51 -3.23 | 30.14 2.72 -5.84 | 33.66 2.80 -9.28 | 48.23 3.21 -20.17 | 94.57 3.64 -61.84 | 53.41 3.88 -17.75 | 51.62 3.69 -16.60 | 51.79 3.32 -20.54 | 32.73 2.72 -6.77 | 26.66 2.41 -2.77 | 21.78 1.78 -0.01 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| HOLTSVILLE_IC_2 23691 | 20.33 1.78 -0.02 | 18.52 1.53 0.00 | 16.70 1.28 0.00 | 15.88 1.24 0.00 | 17.12 1.31 0.00 | 19.67 1.67 -0.01 | 24.08 1.95 0.00 | 28.46 2.59 -1.23 | 26.36 2.58 -1.14 | 24.19 2.57 0.00 | 24.76 2.27 -1.49 | 25.21 2.26 -2.42 | 25.62 2.25 -2.71 | 26.83 2.32 -3.23 | 29.95 2.52 -5.84 | 33.44 2.59 -9.28 | 47.90 2.96 -20.09 | 91.03 3.32 -58.62 | 53.07 3.53 -17.75 | 51.31 3.38 -16.60 | 50.23 3.04 -19.26 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.64 1.64 -0.01 |
| HOLTSVILLE_IC_3 23692 | 20.33 1.78 -0.02 | 18.52 1.53 0.00 | 16.70 1.28 0.00 | 15.88 1.24 0.00 | 17.12 1.31 0.00 | 19.67 1.67 -0.01 | 24.08 1.95 0.00 | 28.46 2.59 -1.23 | 26.36 2.58 -1.14 | 24.19 2.57 0.00 | 24.76 2.27 -1.49 | 25.21 2.26 -2.42 | 25.62 2.25 -2.71 | 26.83 2.32 -3.23 | 29.95 2.52 -5.84 | 33.44 2.59 -9.28 | 47.90 2.96 -20.09 | 91.03 3.32 -58.62 | 53.07 3.53 -17.75 | 51.31 3.38 -16.60 | 50.23 3.04 -19.26 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.64 1.64 -0.01 |
| HOLTSVILLE_IC_4 23693 | 20.33 1.78 -0.02 | 18.52 1.53 0.00 | 16.70 1.28 0.00 | 15.88 1.24 0.00 | 17.12 1.31 0.00 | 19.67 1.67 -0.01 | 24.08 1.95 0.00 | 28.46 2.59 -1.23 | 26.36 2.58 -1.14 | 24.19 2.57 0.00 | 24.76 2.27 -1.49 | 25.21 2.26 -2.42 | 25.62 2.25 -2.71 | 26.83 2.32 -3.23 | 29.95 2.52 -5.84 | 33.44 2.59 -9.28 | 47.90 2.96 -20.09 | 91.03 3.32 -58.62 | 53.07 3.53 -17.75 | 51.31 3.38 -16.60 | 50.23 3.04 -19.26 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.64 1.64 -0.01 |
| HOLTSVILLE_IC_5 23694 | 20.33 1.78 -0.02 | 18.52 1.53 0.00 | 16.70 1.28 0.00 | 15.88 1.24 0.00 | 17.12 1.31 0.00 | 19.67 1.67 -0.01 | 24.08 1.95 0.00 | 28.46 2.59 -1.23 | 26.36 2.58 -1.14 | 24.19 2.57 0.00 | 24.76 2.27 -1.49 | 25.21 2.26 -2.42 | 25.62 2.25 -2.71 | 26.83 2.32 -3.23 | 29.95 2.52 -5.84 | 33.44 2.59 -9.28 | 47.90 2.96 -20.09 | 91.03 3.32 -58.62 | 53.07 3.53 -17.75 | 51.31 3.38 -16.60 | 50.23 3.04 -19.26 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.64 1.64 -0.01 |
| HOLTSVILLE_IC_6 23695 | 20.46 1.91 -0.02 | 18.64 1.65 0.00 | 16.79 1.37 0.00 | 15.97 1.33 0.00 | 17.22 1.41 0.00 | 19.80 1.80 -0.01 | 24.24 2.10 0.00 | 28.66 2.78 -1.23 | 26.56 2.78 -1.14 | 24.41 2.79 0.00 | 24.97 2.48 -1.49 | 25.39 2.44 -2.42 | 25.81 2.44 -2.71 | 27.03 2.51 -3.23 | 30.14 2.72 -5.84 | 33.66 2.80 -9.28 | 48.23 3.21 -20.17 | 94.57 3.64 -61.84 | 53.41 3.88 -17.75 | 51.62 3.69 -16.60 | 51.79 3.32 -20.54 | 32.73 2.72 -6.77 | 26.66 2.41 -2.77 | 21.78 1.78 -0.01 |
| HOLTSVILLE_IC_7 23696 | 20.46 1.91 -0.02 | 18.64 1.65 0.00 | 16.79 1.37 0.00 | 15.97 1.33 0.00 | 17.22 1.41 0.00 | 19.80 1.80 -0.01 | 24.24 2.10 0.00 | 28.66 2.78 -1.23 | 26.56 2.78 -1.14 | 24.41 2.79 0.00 | 24.97 2.48 -1.49 | 25.39 2.44 -2.42 | 25.81 2.44 -2.71 | 27.03 2.51 -3.23 | 30.14 2.72 -5.84 | 33.66 2.80 -9.28 | 48.23 3.21 -20.17 | 94.57 3.64 -61.84 | 53.41 3.88 -17.75 | 51.62 3.69 -16.60 | 51.79 3.32 -20.54 | 32.73 2.72 -6.77 | 26.66 2.41 -2.77 | 21.78 1.78 -0.01 |
| HOLTSVILLE_IC_8 23697 | 20.46 1.91 -0.02 | 18.64 1.65 0.00 | 16.79 1.37 0.00 | 15.97 1.33 0.00 | 17.22 1.41 0.00 | 19.80 1.80 -0.01 | 24.24 2.10 0.00 | 28.66 2.78 -1.23 | 26.56 2.78 -1.14 | 24.41 2.79 0.00 | 24.97 2.48 -1.49 | 25.39 2.44 -2.42 | 25.81 2.44 -2.71 | 27.03 2.51 -3.23 | 30.14 2.72 -5.84 | 33.66 2.80 -9.28 | 48.23 3.21 -20.17 | 94.57 3.64 -61.84 | 53.41 3.88 -17.75 | 51.62 3.69 -16.60 | 51.79 3.32 -20.54 | 32.73 2.72 -6.77 | 26.66 2.41 -2.77 | 21.78 1.78 -0.01 |
| HOLTSVILLE_IC_9 23698 | 20.46 1.91 -0.02 | 18.64 1.65 0.00 | 16.79 1.37 0.00 | 15.97 1.33 0.00 | 17.22 1.41 0.00 | 19.80 1.80 -0.01 | 24.24 2.10 0.00 | 28.66 2.78 -1.23 | 26.56 2.78 -1.14 | 24.41 2.79 0.00 | 24.97 2.48 -1.49 | 25.39 2.44 -2.42 | 25.81 2.44 -2.71 | 27.03 2.51 -3.23 | 30.14 2.72 -5.84 | 33.66 2.80 -9.28 | 48.23 3.21 -20.17 | 94.57 3.64 -61.84 | 53.41 3.88 -17.75 | 51.62 3.69 -16.60 | 51.79 3.32 -20.54 | 32.73 2.72 -6.77 | 26.66 2.41 -2.77 | 21.78 1.78 -0.01 |
| HOMER_HL_115KV_TB2 355744 | 19.37 0.83 0.00 | 17.62 0.63 0.00 | 15.88 0.46 0.00 | 15.13 0.50 0.00 | 16.33 0.52 0.00 | 18.44 0.45 0.00 | 22.75 0.62 0.00 | 24.52 -0.30 -0.17 | 22.50 -0.29 -0.16 | 22.07 0.45 0.00 | 21.34 0.34 0.00 | 20.74 0.21 0.00 | 20.89 0.23 0.00 | 21.58 0.30 0.00 | 21.85 0.26 0.00 | 21.30 -0.41 -0.13 | 24.95 0.10 0.00 | 29.18 -0.15 -0.23 | 31.66 -0.13 0.00 | 31.45 0.13 0.00 | 27.90 -0.03 0.00 | 23.47 0.23 0.00 | 21.57 0.09 0.00 | 20.31 0.32 0.00 |
| HOWARD_WT_PWR 323690 | 19.70 1.17 0.00 | 17.96 0.97 0.00 | 16.19 0.77 0.00 | 15.35 0.72 0.00 | 16.65 0.84 0.00 | 18.87 0.88 0.00 | 23.37 1.24 0.00 | 25.31 0.47 -0.19 | 23.22 0.41 -0.18 | 22.31 0.69 0.00 | 21.57 0.57 0.00 | 21.02 0.49 0.00 | 21.10 0.43 0.00 | 21.82 0.53 0.00 | 22.08 0.50 0.00 | 22.00 0.28 -0.14 | 25.25 0.40 0.00 | 30.22 0.79 -0.34 | 32.52 0.73 0.00 | 32.36 1.03 0.00 | 28.71 0.78 0.00 | 24.05 0.81 0.00 | 22.10 0.62 0.00 | 20.83 0.84 0.00 |
| HQ_GEN_CEDARS 23644 | 18.11 -0.43 0.00 | 16.62 -0.37 0.00 | 15.08 -0.34 0.00 | 14.37 -0.26 0.00 | 15.53 -0.28 0.00 | 17.63 -0.36 0.00 | 21.56 -0.58 0.00 | 24.03 -0.62 0.00 | 22.09 -0.54 0.00 | 21.03 -0.58 0.00 | 20.52 -0.48 0.00 | 20.04 -0.49 0.00 | 20.19 -0.48 0.00 | 20.80 -0.49 0.00 | 21.11 -0.47 0.00 | 21.01 -0.56 0.00 | 24.18 -0.67 0.00 | 28.37 -0.73 0.00 | 31.09 -0.70 0.00 | 30.67 -0.66 0.00 | 27.43 -0.50 0.00 | 22.87 -0.37 0.00 | 21.16 -0.32 0.00 | 19.77 -0.22 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 18.11 -0.43 0.00 | 16.62 -0.37 0.00 | 15.08 -0.34 0.00 | 14.37 -0.26 0.00 | 15.54 -0.27 0.00 | 17.63 -0.36 0.00 | 21.56 -0.58 0.00 | 24.03 -0.62 0.00 | 22.09 -0.54 0.00 | 21.03 -0.58 0.00 | 20.52 -0.48 0.00 | 20.04 -0.49 0.00 | 20.19 -0.47 0.00 | 20.80 -0.49 0.00 | 21.00 -0.58 0.00 | 21.03 -0.54 0.00 | 24.21 -0.65 0.00 | 28.37 -0.73 0.00 | 31.09 -0.70 0.00 | 30.66 -0.66 0.00 | 27.43 -0.50 0.00 | 22.87 -0.37 0.00 | 21.29 -0.19 0.00 | 19.77 -0.22 0.00 |
| HQ_GEN_IMPORT 323601 | 18.22 -0.32 0.00 | 16.70 -0.29 0.00 | 15.16 -0.26 0.00 | 14.41 -0.22 0.00 | 15.57 -0.24 0.00 | 17.70 -0.29 0.00 | 21.73 -0.40 0.00 | 24.23 -0.42 0.00 | 22.27 -0.36 0.00 | 21.25 -0.37 0.00 | 20.73 -0.27 0.00 | 20.27 -0.27 0.00 | 20.39 -0.27 0.00 | 21.03 -0.25 0.00 | 21.24 -0.35 0.00 | 21.25 -0.32 0.00 | 24.43 -0.42 0.00 | 28.63 -0.47 0.00 | 31.31 -0.48 0.00 | 30.86 -0.47 0.00 | 27.54 -0.39 0.00 | 22.92 -0.33 0.00 | 21.29 -0.19 0.00 | 19.79 -0.20 0.00 |
| HQ_GEN_WHEEL 23651 | 18.22 -0.32 0.00 | 16.70 -0.29 0.00 | 15.16 -0.26 0.00 | 14.41 -0.22 0.00 | 15.57 -0.24 0.00 | 17.70 -0.29 0.00 | 21.73 -0.40 0.00 | 24.23 -0.42 0.00 | 22.27 -0.36 0.00 | 21.25 -0.37 0.00 | 20.73 -0.27 0.00 | 20.27 -0.27 0.00 | 20.39 -0.27 0.00 | 21.03 -0.25 0.00 | 21.24 -0.35 0.00 | 21.25 -0.32 0.00 | 24.43 -0.42 0.00 | 28.63 -0.47 0.00 | 31.31 -0.48 0.00 | 30.86 -0.47 0.00 | 27.54 -0.39 0.00 | 22.92 -0.33 0.00 | 21.29 -0.19 0.00 | 19.79 -0.20 0.00 |
| HUDSON_AVE_GT_3 23810 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.35 1.22 0.00 | 27.53 1.65 -1.23 | 25.49 1.72 -1.13 | 23.39 1.77 0.00 | 22.60 1.60 0.00 | 22.20 1.66 0.00 | 22.29 1.63 0.00 | 22.92 1.64 0.00 | 23.38 1.79 -0.87 | 24.45 2.01 0.00 | 27.09 2.24 0.00 | 33.20 2.47 -1.63 | 34.30 2.51 0.00 | 33.67 2.35 0.00 | 29.91 1.98 0.00 | 24.84 1.60 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |

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|-------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| HUDSON AVE_GT_4 23540 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.35 1.22 0.00 | 27.53 1.65 -1.23 | 25.49 1.72 -1.13 | 23.39 1.77 0.00 | 22.60 1.60 0.00 | 22.20 1.66 0.00 | 22.29 1.63 0.00 | 22.92 1.64 0.00 | 23.38 1.79 0.00 | 24.45 2.01 -0.87 | 27.09 2.24 0.00 | 33.20 2.47 -1.63 | 34.30 2.51 0.00 | 33.67 2.35 0.00 | 29.91 1.98 0.00 | 24.84 1.60 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |
| HUDSON AVE_GT_5 23657 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.35 1.22 0.00 | 27.53 1.65 -1.23 | 25.49 1.72 -1.13 | 23.39 1.77 0.00 | 22.60 1.60 0.00 | 22.20 1.66 0.00 | 22.29 1.63 0.00 | 22.92 1.64 0.00 | 23.38 1.79 0.00 | 24.45 2.01 -0.87 | 27.09 2.24 0.00 | 33.20 2.47 -1.63 | 34.30 2.51 0.00 | 33.67 2.35 0.00 | 29.91 1.98 0.00 | 24.84 1.60 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |
| HUDSON_AVE_10 24168 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.38 0.75 0.00 | 16.55 0.74 0.00 | 18.87 0.88 0.00 | 23.30 1.17 0.00 | 27.50 1.63 -1.23 | 25.47 1.70 -1.13 | 23.39 1.77 0.00 | 22.54 1.53 0.00 | 22.15 1.62 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 23.33 1.75 0.00 | 24.41 1.96 -0.87 | 27.04 2.19 0.00 | 33.11 2.39 -1.63 | 34.24 2.45 0.00 | 33.61 2.29 0.00 | 29.86 1.93 0.00 | 24.80 1.56 0.00 | 22.86 1.37 0.00 | 20.79 0.80 0.00 |
| HUDSON___115KV_TB 4 355613 | 19.22 0.69 0.00 | 17.67 0.68 0.00 | 16.10 0.68 0.00 | 15.23 0.60 0.00 | 16.46 0.65 0.00 | 18.73 0.74 0.00 | 23.04 0.91 0.00 | 27.09 0.99 -1.45 | 24.77 0.79 -1.34 | 22.40 0.78 0.00 | 21.65 0.65 0.00 | 21.17 0.64 0.00 | 21.36 0.70 0.00 | 21.99 0.70 0.00 | 22.34 0.76 0.00 | 23.45 0.84 -1.03 | 25.82 0.97 0.00 | 32.41 1.31 -2.01 | 33.47 1.68 0.00 | 33.02 1.69 0.00 | 29.41 1.48 0.00 | 24.31 1.07 0.00 | 22.38 0.90 0.00 | 20.55 0.56 0.00 |
| HUNTER MOUNT___DRP 323613 | 19.30 0.76 0.00 | 17.74 0.75 0.00 | 16.16 0.74 0.00 | 15.29 0.66 0.00 | 16.52 0.71 0.00 | 18.80 0.81 0.00 | 23.13 1.00 0.00 | 27.07 1.01 -1.41 | 24.69 0.75 -1.30 | 22.40 0.78 0.00 | 21.65 0.65 0.00 | 21.17 0.64 0.00 | 21.38 0.72 0.00 | 22.01 0.72 0.00 | 22.36 0.78 0.00 | 23.37 0.80 -1.00 | 25.85 0.99 0.00 | 32.38 1.34 -1.95 | 33.63 1.84 0.00 | 33.23 1.91 0.00 | 29.55 1.62 0.00 | 24.43 1.19 0.00 | 22.49 1.01 0.00 | 20.63 0.64 0.00 |
| HUNTINGTON_RES_REC 323705 | 20.28 1.72 -0.02 | 18.51 1.51 0.00 | 16.70 1.28 0.00 | 15.88 1.24 0.00 | 17.11 1.30 0.00 | 19.64 1.64 -0.01 | 24.08 1.95 0.00 | 28.46 2.59 -1.23 | 26.38 2.60 -1.14 | 24.24 2.61 0.00 | 24.81 2.31 -1.49 | 25.25 2.30 -2.42 | 25.67 2.29 -2.71 | 26.88 2.36 -3.23 | 29.99 2.57 -5.84 | 33.47 2.61 -9.28 | 46.15 2.98 -18.31 | 22.80 3.37 9.67 | 53.10 3.56 -17.75 | 51.34 3.41 -16.60 | 22.96 3.04 8.01 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.64 1.64 -0.01 |
| HUNTLEY___63 23557 | 19.50 0.96 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.31 0.67 0.00 | 16.49 0.68 0.00 | 18.60 0.61 0.00 | 22.68 0.55 0.00 | 24.50 -0.30 -0.14 | 22.59 -0.18 -0.13 | 21.68 0.06 0.00 | 20.98 -0.02 0.00 | 20.37 -0.16 0.00 | 20.56 -0.10 0.00 | 21.22 -0.06 0.00 | 21.50 -0.09 0.00 | 21.58 -0.11 -0.12 | 24.48 -0.37 0.00 | 28.62 -0.67 -0.20 | 30.86 -0.92 0.01 | 30.73 -0.60 0.00 | 27.29 -0.64 0.00 | 22.99 -0.26 0.00 | 21.18 -0.30 0.00 | 20.31 0.32 0.00 |
| HUNTLEY___64 23558 | 19.50 0.96 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.31 0.67 0.00 | 16.49 0.68 0.00 | 18.60 0.61 0.00 | 22.68 0.55 0.00 | 24.50 -0.30 -0.14 | 22.59 -0.18 -0.13 | 21.68 0.06 0.00 | 20.98 -0.02 0.00 | 20.37 -0.16 0.00 | 20.56 -0.10 0.00 | 21.22 -0.06 0.00 | 21.50 -0.09 0.00 | 21.58 -0.11 -0.12 | 24.48 -0.37 0.00 | 28.62 -0.67 -0.20 | 30.86 -0.92 0.01 | 30.73 -0.60 0.00 | 27.29 -0.64 0.00 | 22.99 -0.26 0.00 | 21.18 -0.30 0.00 | 20.31 0.32 0.00 |
| HUNTLEY___65 23559 | 19.50 0.96 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.31 0.67 0.00 | 16.49 0.68 0.00 | 18.60 0.61 0.00 | 22.68 0.55 0.00 | 24.50 -0.30 -0.14 | 22.59 -0.18 -0.13 | 21.68 0.06 0.00 | 20.98 -0.02 0.00 | 20.37 -0.16 0.00 | 20.56 -0.10 0.00 | 21.22 -0.06 0.00 | 21.50 -0.09 0.00 | 21.58 -0.11 -0.12 | 24.48 -0.37 0.00 | 28.62 -0.67 -0.20 | 30.86 -0.92 0.01 | 30.73 -0.60 0.00 | 27.29 -0.64 0.00 | 22.99 -0.26 0.00 | 21.18 -0.30 0.00 | 20.31 0.32 0.00 |
| HUNTLEY___66 23560 | 19.50 0.96 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.31 0.67 0.00 | 16.49 0.68 0.00 | 18.60 0.61 0.00 | 22.68 0.55 0.00 | 24.50 -0.30 -0.14 | 22.59 -0.18 -0.13 | 21.68 0.06 0.00 | 20.98 -0.02 0.00 | 20.37 -0.16 0.00 | 20.56 -0.10 0.00 | 21.22 -0.06 0.00 | 21.50 -0.09 0.00 | 21.58 -0.11 -0.12 | 24.48 -0.37 0.00 | 28.62 -0.67 -0.20 | 30.86 -0.92 0.01 | 30.73 -0.60 0.00 | 27.29 -0.64 0.00 | 22.99 -0.26 0.00 | 21.18 -0.30 0.00 | 20.31 0.32 0.00 |
| HUNTLEY___67 23561 | 19.33 0.80 0.00 | 17.64 0.65 0.00 | 15.91 0.49 0.00 | 15.17 0.54 0.00 | 16.35 0.54 0.00 | 18.46 0.47 0.00 | 22.57 0.44 0.00 | 24.37 -0.42 -0.14 | 22.48 -0.29 -0.13 | 21.60 -0.02 0.00 | 20.88 -0.13 0.00 | 20.31 -0.23 0.00 | 20.47 -0.19 0.00 | 21.14 -0.15 0.00 | 21.39 -0.19 0.00 | 21.47 -0.22 -0.12 | 24.38 -0.47 0.00 | 28.50 -0.79 -0.20 | 30.70 -1.08 0.01 | 30.54 -0.78 0.00 | 27.15 -0.78 0.00 | 22.92 -0.33 0.00 | 21.09 -0.39 0.00 | 20.23 0.24 0.00 |
| HUNTLEY___68 23562 | 19.33 0.80 0.00 | 17.64 0.65 0.00 | 15.91 0.49 0.00 | 15.17 0.54 0.00 | 16.35 0.54 0.00 | 18.46 0.47 0.00 | 22.57 0.44 0.00 | 24.37 -0.42 -0.14 | 22.48 -0.29 -0.13 | 21.60 -0.02 0.00 | 20.88 -0.13 0.00 | 20.31 -0.23 0.00 | 20.47 -0.19 0.00 | 21.14 -0.15 0.00 | 21.39 -0.19 0.00 | 21.47 -0.22 -0.12 | 24.38 -0.47 0.00 | 28.50 -0.79 -0.20 | 30.70 -1.08 0.01 | 30.54 -0.78 0.00 | 27.15 -0.78 0.00 | 22.92 -0.33 0.00 | 21.09 -0.39 0.00 | 20.23 0.24 0.00 |
| HYLAND___LFGE 323620 | 20.09 1.56 0.00 | 18.28 1.29 0.00 | 16.48 1.06 0.00 | 15.58 0.95 0.00 | 16.93 1.12 0.00 | 19.25 1.26 0.00 | 23.83 1.70 0.00 | 26.14 1.33 -0.17 | 23.90 1.11 -0.15 | 22.66 1.04 0.00 | 21.82 0.82 0.00 | 21.21 0.68 0.00 | 21.22 0.56 0.00 | 22.01 0.72 0.00 | 22.34 0.76 0.00 | 22.54 0.84 -0.12 | 25.82 0.97 0.00 | 30.84 1.45 -0.29 | 33.47 1.68 0.00 | 33.39 2.07 0.00 | 29.46 1.54 0.00 | 24.71 1.47 0.00 | 22.66 1.18 0.00 | 21.15 1.16 0.00 |
| INDECK___CORINTH 23802 | 19.81 1.28 0.00 | 18.11 1.12 0.00 | 16.44 1.02 0.00 | 15.58 0.95 0.00 | 16.89 1.08 0.00 | 19.27 1.28 0.00 | 23.83 1.70 0.00 | 28.10 1.92 -1.53 | 25.72 1.68 -1.41 | 23.17 1.56 0.00 | 22.39 1.39 0.00 | 21.87 1.33 0.00 | 22.13 1.47 0.00 | 22.73 1.45 0.00 | 23.06 1.47 0.00 | 23.95 1.29 -1.08 | 26.19 1.34 0.00 | 33.13 1.92 -2.12 | 34.08 2.29 0.00 | 33.70 2.38 0.00 | 30.28 2.35 0.00 | 25.01 1.77 0.00 | 22.90 1.42 0.00 | 21.19 1.20 0.00 |
| INDECK___ILION 23567 | 18.78 0.24 0.00 | 17.21 0.22 0.00 | 15.64 0.22 0.00 | 14.84 0.20 0.00 | 16.03 0.22 0.00 | 18.26 0.27 0.00 | 22.51 0.38 0.00 | 24.97 0.32 0.00 | 22.93 0.29 0.00 | 21.90 0.28 0.00 | 21.23 0.23 0.00 | 20.74 0.21 0.00 | 20.87 0.21 0.00 | 21.50 0.21 0.00 | 21.80 0.22 0.00 | 21.79 0.22 0.00 | 25.10 0.25 0.00 | 29.36 0.26 0.00 | 32.11 0.32 0.00 | 31.64 0.31 0.00 | 28.21 0.28 0.00 | 23.52 0.28 0.00 | 21.74 0.26 0.00 | 20.27 0.28 0.00 |

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|--------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| INDECK___OLEAN 23982 | 19.37 0.83 0.00 | 17.62 0.63 0.00 | 15.88 0.46 0.00 | 15.09 0.45 0.00 | 16.30 0.49 0.00 | 18.44 0.45 0.00 | 22.75 0.62 0.00 | 24.52 -0.29 -0.17 | 22.50 -0.29 -0.16 | 22.05 0.43 0.00 | 21.34 0.33 0.00 | 20.82 0.29 0.00 | 20.89 0.23 0.00 | 21.58 0.30 0.00 | 21.82 0.24 0.00 | 21.27 -0.43 -0.13 | 24.88 0.02 0.00 | 29.26 -0.12 -0.28 | 31.69 -0.10 0.00 | 31.55 0.22 0.00 | 27.90 -0.03 0.00 | 23.45 0.21 0.00 | 21.55 0.06 0.00 | 20.31 0.32 0.00 |
| INDECK___OSWEGO 23783 | 19.04 0.50 0.00 | 17.41 0.42 0.00 | 15.78 0.35 0.00 | 14.93 0.29 0.00 | 16.19 0.38 0.00 | 18.40 0.41 0.00 | 22.82 0.69 0.00 | 25.28 0.52 -0.11 | 23.17 0.43 -0.10 | 21.98 0.37 0.00 | 21.32 0.32 0.00 | 20.82 0.29 0.00 | 20.91 0.25 0.00 | 21.56 0.28 0.00 | 21.87 0.28 0.00 | 21.89 0.24 -0.08 | 25.15 0.30 0.00 | 29.67 0.41 -0.17 | 32.20 0.41 0.00 | 31.89 0.56 0.00 | 28.40 0.47 0.00 | 23.64 0.39 0.00 | 21.74 0.26 0.00 | 20.39 0.40 0.00 |
| INDECK___YERKES 23781 | 19.52 0.98 0.00 | 17.81 0.82 0.00 | 16.05 0.63 0.00 | 15.23 0.60 0.00 | 16.47 0.66 0.00 | 18.62 0.63 0.00 | 22.71 0.57 0.00 | 24.52 -0.27 -0.14 | 22.61 -0.16 -0.13 | 21.68 0.07 0.00 | 21.00 0.00 0.00 | 20.55 0.02 0.00 | 20.58 -0.08 0.00 | 21.24 -0.04 0.00 | 21.50 -0.09 0.00 | 21.60 -0.09 -0.12 | 24.43 -0.42 0.00 | 28.81 -0.52 -0.23 | 30.99 -0.79 0.01 | 30.95 -0.37 0.00 | 27.32 -0.61 0.00 | 22.99 -0.26 0.00 | 21.20 -0.28 0.00 | 20.33 0.34 0.00 |
| INDIAN POINT_GT_1 24139 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.19 0.77 0.00 | 15.35 0.72 0.00 | 16.55 0.74 0.00 | 18.85 0.86 0.00 | 23.24 1.11 0.00 | 27.31 1.45 -1.21 | 25.23 1.47 -1.12 | 23.13 1.51 0.00 | 22.37 1.37 0.00 | 21.95 1.42 0.00 | 22.07 1.40 0.00 | 22.71 1.43 0.00 | 23.14 1.55 0.00 | 24.18 1.75 -0.86 | 26.74 1.89 0.00 | 32.88 2.18 -1.60 | 34.05 2.26 0.00 | 33.45 2.13 0.00 | 29.75 1.82 0.00 | 24.71 1.46 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| INDIAN POINT_GT_2 23659 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.19 0.77 0.00 | 15.35 0.72 0.00 | 16.55 0.74 0.00 | 18.85 0.86 0.00 | 23.24 1.11 0.00 | 27.31 1.45 -1.21 | 25.23 1.47 -1.12 | 23.13 1.51 0.00 | 22.37 1.37 0.00 | 21.95 1.42 0.00 | 22.07 1.40 0.00 | 22.71 1.43 0.00 | 23.14 1.55 0.00 | 24.18 1.75 -0.86 | 26.74 1.89 0.00 | 32.88 2.18 -1.60 | 34.05 2.26 0.00 | 33.45 2.13 0.00 | 29.75 1.82 0.00 | 24.71 1.46 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| INDIAN POINT_GT_3 24019 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.19 0.77 0.00 | 15.35 0.72 0.00 | 16.55 0.74 0.00 | 18.85 0.86 0.00 | 23.24 1.11 0.00 | 27.31 1.45 -1.21 | 25.23 1.47 -1.12 | 23.13 1.51 0.00 | 22.37 1.37 0.00 | 21.95 1.42 0.00 | 22.07 1.40 0.00 | 22.71 1.43 0.00 | 23.14 1.55 0.00 | 24.18 1.75 -0.86 | 26.74 1.89 0.00 | 32.88 2.18 -1.60 | 34.05 2.26 0.00 | 33.45 2.13 0.00 | 29.75 1.82 0.00 | 24.71 1.46 0.00 | 22.75 1.27 0.00 | 20.79 0.80 0.00 |
| INDIAN POINT___2 23530 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.18 0.76 0.00 | 15.36 0.73 0.00 | 16.55 0.74 0.00 | 18.85 0.86 0.00 | 23.24 1.11 0.00 | 27.30 1.45 -1.20 | 25.21 1.47 -1.11 | 23.15 1.54 0.00 | 22.35 1.35 0.00 | 21.89 1.35 0.00 | 22.05 1.38 0.00 | 22.69 1.40 0.00 | 23.16 1.57 0.00 | 24.06 1.64 -0.85 | 26.69 1.84 0.00 | 32.71 2.04 -1.58 | 33.92 2.13 0.00 | 33.33 2.01 0.00 | 29.66 1.73 0.00 | 24.66 1.42 0.00 | 22.62 1.14 0.00 | 20.77 0.78 0.00 |
| INDIAN POINT___3 23531 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.19 0.77 0.00 | 15.35 0.72 0.00 | 16.55 0.74 0.00 | 18.85 0.86 0.00 | 23.24 1.11 0.00 | 27.32 1.45 -1.21 | 25.23 1.47 -1.12 | 23.11 1.49 0.00 | 22.35 1.34 0.00 | 21.93 1.40 0.00 | 22.04 1.38 0.00 | 22.69 1.40 0.00 | 23.12 1.53 0.00 | 24.14 1.70 -0.86 | 26.69 1.84 0.00 | 32.83 2.12 -1.61 | 34.02 2.23 0.00 | 33.39 2.07 0.00 | 29.69 1.76 0.00 | 24.66 1.42 0.00 | 22.73 1.25 0.00 | 20.79 0.80 0.00 |
| INGHAM_C_115KV_TB7 356103 | 18.91 0.37 0.00 | 17.35 0.36 0.00 | 15.76 0.34 0.00 | 14.96 0.32 0.00 | 16.19 0.38 0.00 | 18.44 0.45 0.00 | 22.73 0.60 0.00 | 25.16 0.52 0.00 | 23.11 0.48 0.00 | 22.07 0.45 0.00 | 21.38 0.38 0.00 | 20.86 0.33 0.00 | 20.99 0.33 0.00 | 21.63 0.34 0.00 | 21.91 0.32 0.00 | 21.90 0.32 0.00 | 25.20 0.35 0.00 | 29.44 0.35 0.00 | 32.20 0.41 0.00 | 31.70 0.38 0.00 | 28.32 0.39 0.00 | 23.66 0.42 0.00 | 21.91 0.43 0.00 | 20.49 0.50 0.00 |
| IP CORINTH___1 23988 | 19.81 1.28 0.00 | 18.11 1.12 0.00 | 16.44 1.02 0.00 | 15.57 0.94 0.00 | 16.87 1.06 0.00 | 19.27 1.28 0.00 | 23.83 1.70 0.00 | 28.10 1.92 -1.53 | 25.72 1.68 -1.41 | 23.17 1.56 0.00 | 22.39 1.39 0.00 | 21.89 1.36 0.00 | 22.13 1.47 0.00 | 22.73 1.45 0.00 | 22.45 0.86 0.00 | 23.39 0.73 -1.08 | 25.50 0.65 0.00 | 32.38 1.16 -2.12 | 33.25 1.46 0.00 | 32.86 1.53 0.00 | 29.52 1.59 0.00 | 24.38 1.14 0.00 | 22.96 1.48 0.00 | 21.19 1.20 0.00 |
| IP___TICONDEROGA 23804 | 20.67 2.13 0.00 | 18.84 1.85 0.00 | 17.06 1.63 0.00 | 16.17 1.54 0.00 | 17.57 1.75 0.00 | 20.10 2.10 0.00 | 24.99 2.85 0.00 | 29.26 3.08 -1.53 | 26.76 2.72 -1.41 | 24.13 2.51 0.00 | 23.27 2.27 0.00 | 22.71 2.18 0.00 | 22.95 2.29 0.00 | 23.54 2.26 0.00 | 23.29 1.71 0.00 | 24.30 1.64 -1.08 | 26.42 1.57 0.00 | 33.74 2.53 -2.12 | 34.87 3.08 0.00 | 34.64 3.32 0.00 | 31.17 3.24 0.00 | 25.66 2.42 0.00 | 23.97 2.49 0.00 | 22.07 2.08 0.00 |
| ISLIP_RES_REC 323679 | 20.56 2.00 -0.02 | 18.73 1.73 0.00 | 16.87 1.45 0.00 | 16.04 1.40 0.00 | 17.30 1.49 0.00 | 19.89 1.89 -0.01 | 24.34 2.21 0.00 | 28.83 2.96 -1.23 | 26.72 2.94 -1.14 | 24.56 2.94 0.00 | 25.12 2.62 -1.49 | 25.56 2.61 -2.42 | 25.95 2.58 -2.71 | 27.18 2.66 -3.23 | 30.32 2.89 -5.84 | 33.83 2.98 -9.28 | 48.33 3.41 -20.07 | 90.95 3.87 -57.99 | 53.67 4.13 -17.75 | 51.87 3.95 -16.60 | 50.48 3.55 -19.00 | 32.89 2.88 -6.77 | 26.81 2.56 -2.77 | 21.88 1.88 -0.01 |
| JAMAICA___27_KV_LOAD 355505 | 19.54 1.00 0.00 | 17.89 0.90 0.00 | 16.27 0.85 0.00 | 15.44 0.80 0.00 | 16.62 0.81 0.00 | 19.00 1.01 0.00 | 23.48 1.35 0.00 | 27.75 1.87 -1.23 | 25.67 1.90 -1.13 | 23.61 1.99 0.00 | 22.66 1.66 0.00 | 22.28 1.75 0.00 | 22.38 1.71 0.00 | 23.01 1.72 0.00 | 23.49 1.90 0.00 | 24.56 2.11 -0.87 | 27.26 2.41 0.00 | 33.32 2.59 -1.63 | 34.46 2.67 0.00 | 33.83 2.51 0.00 | 30.08 2.15 0.00 | 24.94 1.70 0.00 | 23.05 1.57 0.00 | 20.93 0.94 0.00 |
| JANIS___SOLAR 323808 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.27 0.85 0.00 | 15.38 0.75 0.00 | 16.70 0.88 0.00 | 19.02 1.02 0.00 | 23.64 1.51 0.00 | 26.40 1.43 -0.32 | 24.04 1.11 -0.30 | 22.50 0.89 0.00 | 21.63 0.63 0.00 | 21.07 0.53 0.00 | 21.11 0.45 0.00 | 21.80 0.51 0.00 | 22.19 0.60 0.00 | 22.47 0.67 -0.23 | 25.85 1.00 0.00 | 30.87 1.31 -0.47 | 33.44 1.65 0.00 | 33.11 1.78 0.00 | 29.49 1.56 0.00 | 24.57 1.32 0.00 | 22.55 1.07 0.00 | 21.03 1.04 0.00 |
| JARVIS____ 23743 | 18.61 0.07 0.00 | 17.06 0.07 0.00 | 15.50 0.08 0.00 | 14.71 0.07 0.00 | 15.89 0.08 0.00 | 18.08 0.09 0.00 | 22.26 0.13 0.00 | 24.77 0.12 0.00 | 22.75 0.11 0.00 | 21.73 0.11 0.00 | 21.09 0.08 0.00 | 20.62 0.08 0.00 | 20.74 0.08 0.00 | 21.35 0.06 0.00 | 21.67 0.09 0.00 | 21.66 0.09 0.00 | 24.95 0.10 0.00 | 29.21 0.12 0.00 | 31.92 0.13 0.00 | 31.45 0.13 0.00 | 28.04 0.11 0.00 | 23.33 0.09 0.00 | 21.55 0.06 0.00 | 20.05 0.06 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| JENNISON___1 23625 | 19.72 1.19 0.00 | 18.06 1.07 0.00 | 16.36 0.94 0.00 | 15.48 0.85 0.00 | 16.78 0.96 0.00 | 19.11 1.12 0.00 | 23.72 1.59 0.00 | 26.70 1.63 -0.43 | 24.39 1.36 -0.40 | 22.81 1.19 0.00 | 21.97 0.97 0.00 | 21.44 0.90 0.00 | 21.51 0.85 0.00 | 22.18 0.89 0.00 | 22.49 0.91 0.00 | 22.92 1.04 -0.31 | 26.27 1.42 0.00 | 31.32 1.60 -0.62 | 33.76 1.97 0.00 | 33.33 2.00 0.00 | 29.72 1.79 0.00 | 24.78 1.53 0.00 | 22.77 1.29 0.00 | 21.11 1.12 0.00 |
| JENNISON___2 23626 | 19.72 1.19 0.00 | 18.06 1.07 0.00 | 16.36 0.94 0.00 | 15.48 0.85 0.00 | 16.78 0.96 0.00 | 19.11 1.12 0.00 | 23.72 1.59 0.00 | 26.70 1.63 -0.43 | 24.39 1.36 -0.40 | 22.81 1.19 0.00 | 21.97 0.97 0.00 | 21.44 0.90 0.00 | 21.51 0.85 0.00 | 22.18 0.89 0.00 | 22.49 0.91 0.00 | 22.92 1.04 -0.31 | 26.27 1.42 0.00 | 31.32 1.60 -0.62 | 33.76 1.97 0.00 | 33.33 2.00 0.00 | 29.72 1.79 0.00 | 24.78 1.53 0.00 | 22.77 1.29 0.00 | 21.11 1.12 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 18.15 -0.39 0.00 | 16.67 -0.32 0.00 | 15.10 -0.32 0.00 | 14.41 -0.22 0.00 | 15.57 -0.24 0.00 | 17.70 -0.29 0.00 | 21.42 -0.71 0.00 | 24.08 -0.57 0.00 | 22.23 -0.41 0.00 | 21.25 -0.37 0.00 | 20.75 -0.25 0.00 | 20.20 -0.33 0.00 | 20.39 -0.27 0.00 | 21.05 -0.23 0.00 | 21.26 -0.32 0.00 | 21.29 -0.28 0.00 | 24.53 -0.32 0.00 | 28.80 -0.29 0.00 | 31.89 0.10 0.00 | 31.32 0.00 0.00 | 27.90 -0.03 0.00 | 23.17 -0.07 0.00 | 21.55 0.06 0.00 | 19.95 -0.04 0.00 |
| KATONAH___115KV_46KV_TB4 355592 | 19.67 1.13 0.00 | 18.03 1.04 0.00 | 16.30 0.88 0.00 | 15.47 0.83 0.00 | 16.68 0.87 0.00 | 18.96 0.97 0.00 | 23.35 1.22 0.00 | 27.49 1.60 -1.24 | 25.37 1.58 -1.15 | 23.33 1.71 0.00 | 22.56 1.55 0.00 | 22.11 1.58 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 23.29 1.71 0.00 | 24.40 1.94 -0.88 | 26.96 2.11 0.00 | 33.26 2.50 -1.66 | 34.46 2.67 0.00 | 33.86 2.54 0.00 | 30.08 2.15 0.00 | 24.98 1.74 0.00 | 22.98 1.50 0.00 | 21.01 1.02 0.00 |
| KCE_NY_1 323755 | 19.61 1.07 0.00 | 17.96 0.97 0.00 | 16.30 0.88 0.00 | 15.45 0.82 0.00 | 16.71 0.90 0.00 | 19.07 1.08 0.00 | 23.50 1.37 0.00 | 27.75 1.58 -1.53 | 25.43 1.38 -1.41 | 22.91 1.30 0.00 | 22.16 1.15 0.00 | 21.64 1.11 0.00 | 21.86 1.20 0.00 | 22.48 1.19 0.00 | 22.86 1.27 0.00 | 23.93 1.27 -1.08 | 26.24 1.39 0.00 | 33.07 1.86 -2.11 | 33.95 2.16 0.00 | 33.48 2.16 0.00 | 29.94 2.01 0.00 | 24.77 1.53 0.00 | 22.73 1.25 0.00 | 20.99 1.00 0.00 |
| KCE_NY_6_ESR 323823 | 19.54 1.00 0.00 | 17.81 0.82 0.00 | 16.05 0.63 0.00 | 15.23 0.60 0.00 | 16.47 0.66 0.00 | 18.64 0.65 0.00 | 22.86 0.73 0.00 | 24.68 -0.12 -0.15 | 22.73 -0.05 -0.14 | 21.90 0.28 0.00 | 21.21 0.21 0.00 | 20.76 0.23 0.00 | 20.79 0.12 0.00 | 21.45 0.17 0.00 | 21.69 0.11 0.00 | 21.65 -0.04 -0.12 | 24.70 -0.15 0.00 | 29.11 -0.23 -0.25 | 31.37 -0.41 0.01 | 31.29 -0.03 0.00 | 27.62 -0.31 0.00 | 23.24 0.00 0.00 | 21.44 -0.04 0.00 | 20.45 0.46 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 20.42 1.87 -0.02 | 18.61 1.61 0.00 | 16.78 1.36 0.00 | 15.95 1.32 0.00 | 17.20 1.39 0.00 | 19.76 1.76 -0.01 | 24.19 2.06 0.00 | 28.59 2.71 -1.23 | 26.49 2.72 -1.14 | 24.34 2.72 0.00 | 24.89 2.39 -1.49 | 25.33 2.38 -2.42 | 25.75 2.37 -2.71 | 26.96 2.45 -3.23 | 30.08 2.65 -5.84 | 33.59 2.74 -9.28 | 48.14 2.98 -20.31 | 99.53 3.37 -67.06 | 53.13 3.59 -17.75 | 51.34 3.41 -16.60 | 53.71 3.16 -22.63 | 32.66 2.65 -6.77 | 26.60 2.34 -2.77 | 21.74 1.74 -0.01 |
| KEDC_PORT_JEFF_GT3 24211 | 20.42 1.87 -0.02 | 18.61 1.61 0.00 | 16.78 1.36 0.00 | 15.95 1.32 0.00 | 17.20 1.39 0.00 | 19.76 1.76 -0.01 | 24.19 2.06 0.00 | 28.59 2.71 -1.23 | 26.49 2.72 -1.14 | 24.34 2.72 0.00 | 24.89 2.39 -1.49 | 25.33 2.38 -2.42 | 25.75 2.37 -2.71 | 26.96 2.45 -3.23 | 30.08 2.65 -5.84 | 33.59 2.74 -9.28 | 48.14 2.98 -20.31 | 99.53 3.37 -67.06 | 53.13 3.59 -17.75 | 51.34 3.41 -16.60 | 53.71 3.16 -22.63 | 32.66 2.65 -6.77 | 26.60 2.34 -2.77 | 21.74 1.74 -0.01 |
| KEDC_GLWD_GT4 24219 | 19.85 1.30 -0.02 | 18.15 1.16 0.00 | 16.44 1.02 0.00 | 15.61 0.98 0.00 | 16.82 1.01 0.00 | 19.24 1.24 -0.01 | 23.66 1.53 0.00 | 27.85 1.97 -1.23 | 25.77 1.99 -1.14 | 23.59 1.97 0.00 | 24.26 1.76 -1.49 | 24.72 1.77 -2.42 | 25.15 1.78 -2.71 | 26.41 1.89 -3.23 | 29.50 2.07 -5.84 | 32.99 2.14 -9.28 | 46.15 2.26 -19.03 | 49.89 2.53 -18.27 | 52.17 2.64 -17.74 | 50.39 2.47 -16.59 | 33.22 2.15 -3.14 | 31.94 1.93 -6.77 | 25.88 1.63 -2.77 | 21.20 1.20 -0.01 |
| KEDC_GLWD_GT5 24220 | 19.85 1.30 -0.02 | 18.15 1.16 0.00 | 16.44 1.02 0.00 | 15.61 0.98 0.00 | 16.82 1.01 0.00 | 19.24 1.24 -0.01 | 23.66 1.53 0.00 | 27.85 1.97 -1.23 | 25.77 1.99 -1.14 | 23.59 1.97 0.00 | 24.26 1.76 -1.49 | 24.72 1.77 -2.42 | 25.15 1.78 -2.71 | 26.41 1.89 -3.23 | 29.50 2.07 -5.84 | 32.99 2.14 -9.28 | 46.15 2.26 -19.03 | 49.89 2.53 -18.27 | 52.17 2.64 -17.74 | 50.39 2.47 -16.59 | 33.22 2.15 -3.14 | 31.94 1.93 -6.77 | 25.88 1.63 -2.77 | 21.20 1.20 -0.01 |
| KENSICO____ 23655 | 19.50 0.96 0.00 | 17.86 0.87 0.00 | 16.22 0.80 0.00 | 15.39 0.76 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.30 1.17 0.00 | 27.42 1.55 -1.22 | 25.33 1.56 -1.13 | 23.20 1.58 0.00 | 22.43 1.43 0.00 | 22.01 1.48 0.00 | 22.13 1.47 0.00 | 22.78 1.49 0.00 | 23.21 1.62 0.00 | 24.25 1.81 -0.87 | 26.82 1.96 0.00 | 32.99 2.27 -1.63 | 34.14 2.35 0.00 | 33.55 2.22 0.00 | 29.80 1.87 0.00 | 24.75 1.51 0.00 | 22.81 1.33 0.00 | 20.83 0.84 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 19.52 0.98 0.00 | 17.86 0.87 0.00 | 16.18 0.76 0.00 | 15.32 0.69 0.00 | 16.57 0.76 0.00 | 18.85 0.86 0.00 | 23.28 1.15 0.00 | 27.08 1.33 -1.10 | 24.88 1.22 -1.02 | 22.89 1.28 0.00 | 22.12 1.11 0.00 | 21.66 1.13 0.00 | 21.59 0.93 0.00 | 22.24 0.96 0.00 | 22.69 1.10 0.00 | 23.67 1.32 -0.78 | 26.39 1.54 0.00 | 32.43 1.80 -1.53 | 33.79 2.00 0.00 | 33.30 1.97 0.00 | 29.80 1.87 0.00 | 24.71 1.46 0.00 | 22.75 1.27 0.00 | 20.89 0.90 0.00 |
| KIAC_JFK_GT1 23816 | 19.44 0.91 0.00 | 17.79 0.80 0.00 | 16.19 0.77 0.00 | 15.36 0.73 0.00 | 16.54 0.73 0.00 | 18.89 0.90 0.00 | 23.37 1.24 0.00 | 27.65 1.77 -1.23 | 25.58 1.81 -1.13 | 23.50 1.88 0.00 | 22.58 1.58 0.00 | 22.18 1.64 0.00 | 22.27 1.61 0.00 | 22.90 1.62 0.00 | 23.38 1.79 0.00 | 24.43 1.98 -0.87 | 27.11 2.26 0.00 | 33.05 2.33 -1.63 | 34.17 2.38 0.00 | 33.55 2.22 0.00 | 29.91 1.98 0.00 | 24.82 1.58 0.00 | 22.94 1.46 0.00 | 20.81 0.82 0.00 |
| KIAC_JFK_GT2 23817 | 19.44 0.91 0.00 | 17.79 0.80 0.00 | 16.19 0.77 0.00 | 15.36 0.73 0.00 | 16.54 0.73 0.00 | 18.89 0.90 0.00 | 23.37 1.24 0.00 | 27.65 1.77 -1.23 | 25.58 1.81 -1.13 | 23.50 1.88 0.00 | 22.58 1.58 0.00 | 22.18 1.64 0.00 | 22.27 1.61 0.00 | 22.90 1.62 0.00 | 23.38 1.79 0.00 | 24.43 1.98 -0.87 | 27.11 2.26 0.00 | 33.05 2.33 -1.63 | 34.17 2.38 0.00 | 33.55 2.22 0.00 | 29.91 1.98 0.00 | 24.82 1.58 0.00 | 22.94 1.46 0.00 | 20.81 0.82 0.00 |
| KIAC_JFK____ 323774 | 19.44 0.91 0.00 | 17.79 0.80 0.00 | 16.19 0.77 0.00 | 15.38 0.75 0.00 | 16.54 0.73 0.00 | 18.89 0.90 0.00 | 23.37 1.24 0.00 | 27.65 1.78 -1.23 | 25.58 1.81 -1.13 | 23.52 1.90 0.00 | 22.58 1.58 0.00 | 22.11 1.58 0.00 | 22.27 1.61 0.00 | 22.90 1.62 0.00 | 23.42 1.83 0.00 | 24.34 1.90 -0.87 | 27.09 2.24 0.00 | 32.93 2.21 -1.63 | 34.05 2.26 0.00 | 33.42 2.10 0.00 | 29.86 1.93 0.00 | 24.82 1.58 0.00 | 22.86 1.38 0.00 | 20.81 0.82 0.00 |

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| KINTIGH____ 23543 | 19.13 0.59 0.00 | 17.45 0.46 0.00 | 15.76 0.34 0.00 | 15.01 0.38 0.00 | 16.19 0.38 0.00 | 18.30 0.31 0.00 | 22.40 0.27 0.00 | 24.41 -0.39 -0.16 | 22.51 -0.27 -0.14 | 21.42 -0.19 0.00 | 20.73 -0.27 0.00 | 20.16 -0.37 0.00 | 20.33 -0.33 0.00 | 20.99 -0.30 0.00 | 21.26 -0.32 0.00 | 21.53 -0.15 -0.11 | 24.26 -0.60 0.00 | 28.46 -0.87 -0.23 | 30.58 -1.21 0.00 | 30.38 -0.94 0.00 | 27.01 -0.92 0.00 | 22.78 -0.46 0.00 | 20.99 -0.49 0.00 | 20.07 0.08 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 18.39 -0.15 0.00 | 16.90 -0.08 0.00 | 15.30 -0.12 0.00 | 14.63 0.00 0.00 | 15.81 0.00 0.00 | 17.99 0.00 0.00 | 21.67 -0.46 0.00 | 24.33 -0.32 0.00 | 22.48 -0.16 0.00 | 21.49 -0.13 0.00 | 20.96 -0.04 0.00 | 20.39 -0.14 0.00 | 20.58 -0.08 0.00 | 21.26 -0.02 0.00 | 21.59 0.00 0.00 | 21.51 -0.06 0.00 | 24.83 -0.02 0.00 | 29.18 0.09 0.00 | 32.43 0.64 0.00 | 31.92 0.60 0.00 | 28.40 0.47 0.00 | 23.57 0.33 0.00 | 21.74 0.26 0.00 | 20.25 0.26 0.00 |
| LACHUTE__HYDRO 323717 | 20.67 2.13 0.00 | 18.84 1.85 0.00 | 17.06 1.63 0.00 | 16.17 1.54 0.00 | 17.57 1.75 0.00 | 20.09 2.10 0.00 | 24.99 2.86 0.00 | 29.26 3.08 -1.53 | 26.76 2.72 -1.41 | 24.12 2.51 0.00 | 23.27 2.27 0.00 | 22.71 2.18 0.00 | 22.95 2.29 0.00 | 23.54 2.26 0.00 | 23.85 2.27 0.00 | 24.81 2.16 -1.08 | 27.06 2.21 0.00 | 34.44 3.23 -2.12 | 35.64 3.85 0.00 | 35.39 4.07 0.00 | 31.87 3.94 0.00 | 26.22 2.98 0.00 | 23.91 2.43 0.00 | 22.07 2.08 0.00 |
| LAWRNCV_115KV_TB1 80681 | 18.02 -0.52 0.00 | 16.53 -0.46 0.00 | 15.01 -0.42 0.00 | 14.31 -0.32 0.00 | 15.48 -0.33 0.00 | 17.54 -0.45 0.00 | 21.36 -0.77 0.00 | 23.76 -0.89 0.00 | 21.82 -0.81 0.00 | 20.71 -0.91 0.00 | 20.18 -0.82 0.00 | 19.69 -0.84 0.00 | 19.81 -0.85 0.00 | 20.43 -0.85 0.00 | 20.74 -0.84 0.00 | 20.65 -0.93 0.00 | 23.81 -1.04 0.00 | 27.93 -1.16 0.00 | 30.68 -1.11 0.00 | 30.26 -1.07 0.00 | 27.15 -0.78 0.00 | 22.78 -0.46 0.00 | 21.09 -0.39 0.00 | 19.71 -0.28 0.00 |
| LEDERLE____ 23769 | 19.52 0.98 0.00 | 17.87 0.88 0.00 | 16.24 0.82 0.00 | 15.39 0.76 0.00 | 16.60 0.79 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.38 1.55 -1.18 | 25.26 1.54 -1.09 | 23.17 1.56 0.00 | 22.41 1.41 0.00 | 21.99 1.46 0.00 | 22.11 1.45 0.00 | 22.75 1.47 0.00 | 23.18 1.60 0.00 | 24.20 1.79 -0.84 | 26.77 1.91 0.00 | 32.89 2.24 -1.55 | 34.14 2.35 0.00 | 33.55 2.22 0.00 | 29.80 1.87 0.00 | 24.75 1.51 0.00 | 22.79 1.31 0.00 | 20.85 0.86 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 18.83 0.30 0.00 | 17.24 0.25 0.00 | 15.62 0.20 0.00 | 14.82 0.19 0.00 | 16.06 0.25 0.00 | 18.28 0.29 0.00 | 22.64 0.51 0.00 | 25.12 0.37 -0.10 | 22.98 0.25 -0.09 | 21.79 0.17 0.00 | 21.09 0.08 0.00 | 20.57 0.04 0.00 | 20.68 0.02 0.00 | 21.33 0.04 0.00 | 21.59 0.00 0.00 | 21.69 0.04 -0.07 | 24.95 0.10 0.00 | 29.39 0.15 -0.15 | 31.98 0.19 0.00 | 31.64 0.31 0.00 | 28.21 0.28 0.00 | 23.50 0.26 0.00 | 21.67 0.19 0.00 | 20.23 0.24 0.00 |
| LINDEN COGEN____ 23786 | 19.32 0.80 0.01 | 17.70 0.71 0.01 | 16.15 0.72 0.00 | 15.34 0.70 0.00 | 16.49 0.68 0.00 | 18.80 0.81 0.00 | 23.19 1.06 0.00 | 27.35 1.48 -1.23 | 25.33 1.56 -1.13 | 23.26 1.64 0.00 | 22.43 1.43 0.00 | 21.97 1.44 0.00 | 22.13 1.47 0.00 | 22.77 1.49 0.00 | 23.27 1.68 0.00 | 24.19 1.75 -0.87 | 26.89 2.04 0.00 | 31.81 2.07 -0.65 | 31.60 2.10 2.29 | 30.95 1.94 2.31 | 29.66 1.73 0.00 | 24.66 1.42 0.00 | 22.62 1.14 0.00 | 20.67 0.68 0.00 |
| LINDHRST_69_KV_BK1 356055 | 20.31 1.76 -0.02 | 18.52 1.53 0.00 | 16.66 1.23 0.00 | 15.86 1.23 0.00 | 17.12 1.31 0.00 | 19.65 1.66 0.00 | 24.10 1.97 0.00 | 28.41 2.54 -1.23 | 26.33 2.56 -1.13 | 24.11 2.49 0.00 | 24.78 2.29 -1.49 | 25.25 2.30 -2.42 | 25.64 2.27 -2.71 | 26.86 2.34 -3.23 | 29.93 2.50 -5.84 | 33.53 2.68 -9.28 | 47.05 3.06 -19.14 | 54.85 3.49 -22.26 | 53.22 3.69 -17.74 | 51.46 3.54 -16.60 | 35.71 3.04 -4.73 | 32.50 2.49 -6.77 | 26.53 2.28 -2.77 | 21.65 1.66 0.00 |
| LIPA_MISC_IPP 23656 | 20.44 1.89 -0.02 | 18.62 1.63 0.00 | 16.72 1.30 0.00 | 15.94 1.30 0.00 | 17.20 1.39 0.00 | 19.77 1.78 0.00 | 24.19 2.06 0.00 | 28.64 2.76 -1.23 | 26.51 2.74 -1.13 | 24.21 2.59 0.00 | 24.89 2.39 -1.49 | 25.33 2.38 -2.42 | 25.73 2.36 -2.71 | 26.96 2.45 -3.23 | 30.04 2.61 -5.84 | 33.64 2.78 -9.28 | 48.11 3.16 -20.10 | 92.02 3.69 -59.23 | 53.45 3.91 -17.75 | 51.65 3.73 -16.60 | 50.67 3.24 -19.50 | 32.66 2.65 -6.77 | 26.68 2.43 -2.77 | 21.75 1.76 0.00 |
| LISF__SOLAR 323691 | 20.50 1.95 -0.02 | 18.66 1.67 0.00 | 16.81 1.39 0.00 | 15.98 1.35 0.00 | 17.24 1.42 0.00 | 19.82 1.82 -0.01 | 24.24 2.10 0.00 | 28.66 2.78 -1.23 | 26.54 2.76 -1.14 | 24.36 2.75 0.00 | 24.91 2.41 -1.49 | 25.35 2.40 -2.42 | 25.73 2.35 -2.71 | 26.96 2.45 -3.23 | 30.10 2.68 -5.84 | 33.59 2.74 -9.28 | 48.15 3.18 -20.12 | 92.55 3.64 -59.82 | 53.42 3.88 -17.75 | 51.62 3.69 -16.60 | 50.96 3.29 -19.74 | 32.68 2.67 -6.77 | 26.64 2.38 -2.77 | 21.80 1.80 -0.01 |
| LITTLE FALLS__HYD 24013 | 18.91 0.37 0.00 | 17.35 0.36 0.00 | 15.76 0.34 0.00 | 14.96 0.32 0.00 | 16.19 0.38 0.00 | 18.44 0.45 0.00 | 22.73 0.60 0.00 | 25.16 0.52 0.00 | 23.11 0.48 0.00 | 22.07 0.45 0.00 | 21.38 0.38 0.00 | 20.86 0.33 0.00 | 20.99 0.33 0.00 | 21.63 0.34 0.00 | 21.91 0.32 0.00 | 21.90 0.32 0.00 | 25.20 0.35 0.00 | 29.44 0.35 0.00 | 32.20 0.41 0.00 | 31.70 0.38 0.00 | 28.32 0.39 0.00 | 23.66 0.42 0.00 | 21.91 0.43 0.00 | 20.49 0.50 0.00 |
| LITTLRIV_115KV_TB1 356100 | 18.13 -0.41 0.00 | 16.65 -0.34 0.00 | 15.11 -0.31 0.00 | 14.41 -0.22 0.00 | 15.59 -0.22 0.00 | 17.68 -0.31 0.00 | 21.58 -0.55 0.00 | 23.96 -0.69 0.00 | 22.00 -0.63 0.00 | 20.86 -0.76 0.00 | 20.29 -0.71 0.00 | 19.79 -0.74 0.00 | 19.92 -0.74 0.00 | 20.54 -0.74 0.00 | 20.85 -0.73 0.00 | 20.77 -0.80 0.00 | 23.98 -0.87 0.00 | 28.10 -0.99 0.00 | 30.96 -0.83 0.00 | 30.54 -0.78 0.00 | 27.40 -0.53 0.00 | 22.96 -0.28 0.00 | 21.25 -0.24 0.00 | 19.85 -0.14 0.00 |
| LI_NEWBRDGE__DRP 323616 | 19.89 1.33 -0.02 | 18.18 1.19 0.00 | 16.38 0.96 0.00 | 15.60 0.97 0.00 | 16.82 1.01 0.00 | 19.27 1.28 0.00 | 23.66 1.53 0.00 | 27.87 2.00 -1.23 | 25.81 2.04 -1.13 | 23.65 2.03 0.00 | 24.30 1.81 -1.49 | 24.78 1.83 -2.42 | 25.19 1.82 -2.71 | 26.36 1.85 -3.23 | 29.41 1.99 -5.84 | 32.99 2.14 -9.28 | 46.26 2.39 -19.02 | 49.53 2.73 -17.70 | 52.39 2.86 -17.74 | 50.64 2.73 -16.59 | 33.16 2.32 -2.91 | 31.89 1.88 -6.77 | 25.99 1.74 -2.77 | 21.23 1.24 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 19.31 0.78 0.00 | 17.60 0.61 0.00 | 15.87 0.45 0.00 | 15.13 0.50 0.00 | 16.32 0.51 0.00 | 18.42 0.43 0.00 | 22.53 0.40 0.00 | 24.32 -0.47 -0.14 | 22.43 -0.34 -0.13 | 21.49 -0.13 0.00 | 20.79 -0.21 0.00 | 20.18 -0.35 0.00 | 20.37 -0.29 0.00 | 21.05 -0.23 0.00 | 21.33 -0.26 0.00 | 21.45 -0.24 -0.11 | 24.28 -0.57 0.00 | 28.36 -0.93 -0.19 | 30.58 -1.21 0.01 | 30.45 -0.88 0.00 | 27.04 -0.89 0.00 | 22.80 -0.44 0.00 | 21.01 -0.47 0.00 | 20.15 0.16 0.00 |
| LOCKPORT__CC1 323769 | 19.31 0.78 0.00 | 17.60 0.61 0.00 | 15.88 0.46 0.00 | 15.06 0.42 0.00 | 16.28 0.47 0.00 | 18.42 0.43 0.00 | 22.53 0.40 0.00 | 24.32 -0.47 -0.14 | 22.43 -0.34 -0.13 | 21.47 -0.15 0.00 | 20.79 -0.21 0.00 | 20.37 -0.16 0.00 | 20.37 -0.29 0.00 | 21.05 -0.23 0.00 | 21.31 -0.28 0.00 | 21.45 -0.24 -0.11 | 24.21 -0.65 0.00 | 28.54 -0.78 -0.23 | 30.70 -1.08 0.01 | 30.63 -0.69 0.00 | 27.03 -0.89 0.00 | 22.78 -0.46 0.00 | 21.03 -0.45 0.00 | 20.17 0.18 0.00 |

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| LOCKPORT___CC2 323770 | 19.31 0.78 0.00 | 17.60 0.61 0.00 | 15.88 0.46 0.00 | 15.06 0.42 0.00 | 16.28 0.47 0.00 | 18.42 0.43 0.00 | 22.53 0.40 0.00 | 24.32 -0.47 -0.14 | 22.43 -0.34 -0.13 | 21.47 -0.15 0.00 | 20.79 -0.21 0.00 | 20.37 -0.16 0.00 | 20.37 -0.29 0.00 | 21.05 -0.23 0.00 | 21.31 -0.28 0.00 | 21.45 -0.24 -0.11 | 24.21 -0.65 0.00 | 28.54 -0.78 -0.23 | 30.70 -1.08 0.01 | 30.63 -0.69 0.00 | 27.03 -0.89 0.00 | 22.78 -0.46 0.00 | 21.03 -0.45 0.00 | 20.17 0.18 0.00 |
| LOCKPORT___CC3 323771 | 19.31 0.78 0.00 | 17.60 0.61 0.00 | 15.88 0.46 0.00 | 15.06 0.42 0.00 | 16.28 0.47 0.00 | 18.42 0.43 0.00 | 22.53 0.40 0.00 | 24.32 -0.47 -0.14 | 22.43 -0.34 -0.13 | 21.47 -0.15 0.00 | 20.79 -0.21 0.00 | 20.37 -0.16 0.00 | 20.37 -0.29 0.00 | 21.05 -0.23 0.00 | 21.31 -0.28 0.00 | 21.45 -0.24 -0.11 | 24.21 -0.65 0.00 | 28.54 -0.78 -0.23 | 30.70 -1.08 0.01 | 30.63 -0.69 0.00 | 27.03 -0.89 0.00 | 22.78 -0.46 0.00 | 21.03 -0.45 0.00 | 20.17 0.18 0.00 |
| LONG_LAKE_PHOENIX 24014 | 18.98 0.44 0.00 | 17.36 0.37 0.00 | 15.73 0.31 0.00 | 14.90 0.26 0.00 | 16.14 0.33 0.00 | 18.33 0.34 0.00 | 22.71 0.58 0.00 | 25.16 0.39 -0.11 | 23.04 0.29 -0.11 | 21.90 0.28 0.00 | 21.21 0.21 0.00 | 20.70 0.16 0.00 | 20.83 0.17 0.00 | 21.46 0.17 0.00 | 21.72 0.13 0.00 | 21.80 0.15 -0.08 | 25.03 0.17 0.00 | 29.49 0.23 -0.16 | 31.98 0.19 0.00 | 31.64 0.31 0.00 | 28.21 0.28 0.00 | 23.52 0.28 0.00 | 21.70 0.21 0.00 | 20.33 0.34 0.00 |
| LOVETT___3 23632 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.18 0.76 0.00 | 15.34 0.70 0.00 | 16.54 0.73 0.00 | 18.84 0.85 0.00 | 23.22 1.08 0.00 | 27.26 1.43 -1.18 | 25.18 1.45 -1.09 | 23.09 1.47 0.00 | 22.33 1.32 0.00 | 21.91 1.38 0.00 | 22.02 1.36 0.00 | 22.67 1.38 0.00 | 23.10 1.51 0.00 | 24.10 1.68 -0.84 | 26.67 1.81 0.00 | 32.75 2.09 -1.56 | 33.98 2.19 0.00 | 33.36 2.04 0.00 | 29.66 1.73 0.00 | 24.64 1.39 0.00 | 22.68 1.20 0.00 | 20.77 0.78 0.00 |
| LOVETT___4 23642 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.18 0.76 0.00 | 15.34 0.70 0.00 | 16.54 0.73 0.00 | 18.84 0.85 0.00 | 23.22 1.08 0.00 | 27.26 1.43 -1.18 | 25.18 1.45 -1.09 | 23.09 1.47 0.00 | 22.33 1.32 0.00 | 21.91 1.38 0.00 | 22.02 1.36 0.00 | 22.67 1.38 0.00 | 23.10 1.51 0.00 | 24.10 1.68 -0.84 | 26.67 1.81 0.00 | 32.75 2.09 -1.56 | 33.98 2.19 0.00 | 33.36 2.04 0.00 | 29.66 1.73 0.00 | 24.64 1.39 0.00 | 22.68 1.20 0.00 | 20.77 0.78 0.00 |
| LOVETT___5 23593 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.18 0.76 0.00 | 15.34 0.70 0.00 | 16.54 0.73 0.00 | 18.84 0.85 0.00 | 23.22 1.08 0.00 | 27.26 1.43 -1.18 | 25.18 1.45 -1.09 | 23.09 1.47 0.00 | 22.33 1.32 0.00 | 21.91 1.38 0.00 | 22.02 1.36 0.00 | 22.67 1.38 0.00 | 23.10 1.51 0.00 | 24.10 1.68 -0.84 | 26.67 1.81 0.00 | 32.75 2.09 -1.56 | 33.98 2.19 0.00 | 33.36 2.04 0.00 | 29.66 1.73 0.00 | 24.64 1.39 0.00 | 22.68 1.20 0.00 | 20.77 0.78 0.00 |
| LOWER RAQUET___HYD 24057 | 17.98 -0.56 0.00 | 16.50 -0.49 0.00 | 14.97 -0.45 0.00 | 14.30 -0.34 0.00 | 15.46 -0.35 0.00 | 17.51 -0.48 0.00 | 21.29 -0.84 0.00 | 23.69 -0.96 0.00 | 21.73 -0.91 0.00 | 20.60 -1.02 0.00 | 20.06 -0.94 0.00 | 19.57 -0.96 0.00 | 19.71 -0.95 0.00 | 20.33 -0.96 0.00 | 20.51 -1.08 0.00 | 20.56 -1.01 0.00 | 23.71 -1.14 0.00 | 27.79 -1.31 0.00 | 30.55 -1.24 0.00 | 30.13 -1.19 0.00 | 27.06 -0.87 0.00 | 22.73 -0.51 0.00 | 21.22 -0.26 0.00 | 19.69 -0.30 0.00 |
| LOWER___HUDSON 24059 | 19.31 0.78 0.00 | 17.72 0.73 0.00 | 16.12 0.69 0.00 | 15.28 0.64 0.00 | 16.51 0.69 0.00 | 18.82 0.83 0.00 | 23.10 0.97 0.00 | 27.31 1.16 -1.51 | 25.05 1.02 -1.39 | 22.55 0.93 0.00 | 21.80 0.80 0.00 | 21.33 0.80 0.00 | 21.51 0.85 0.00 | 22.11 0.83 0.00 | 22.54 0.95 0.00 | 23.61 0.97 -1.07 | 25.97 1.12 0.00 | 32.64 1.45 -2.09 | 33.41 1.62 0.00 | 32.86 1.53 0.00 | 29.35 1.42 0.00 | 24.33 1.09 0.00 | 22.34 0.86 0.00 | 20.65 0.66 0.00 |
| LOWVILLE_115KV_TB2 356335 | 18.42 -0.11 0.00 | 16.94 -0.05 0.00 | 15.44 0.02 0.00 | 14.78 0.15 0.00 | 16.03 0.22 0.00 | 18.26 0.27 0.00 | 22.55 0.42 0.00 | 25.02 0.32 -0.05 | 22.86 0.18 -0.05 | 21.66 0.04 0.00 | 20.96 -0.04 0.00 | 20.45 -0.08 0.00 | 20.54 -0.12 0.00 | 21.18 -0.11 0.00 | 21.50 -0.09 0.00 | 21.56 -0.04 -0.03 | 24.93 0.07 0.00 | 29.25 0.09 -0.07 | 32.11 0.32 0.00 | 31.67 0.34 0.00 | 28.29 0.36 0.00 | 23.59 0.35 0.00 | 21.76 0.28 0.00 | 20.23 0.24 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.30 0.88 0.00 | 15.44 0.80 0.00 | 16.71 0.90 0.00 | 19.05 1.06 0.00 | 23.50 1.37 0.00 | 27.75 1.58 -1.53 | 25.43 1.38 -1.41 | 22.89 1.28 0.00 | 22.14 1.13 0.00 | 21.66 1.13 0.00 | 21.86 1.20 0.00 | 22.48 1.19 0.00 | 22.64 1.06 0.00 | 23.76 1.10 -1.08 | 26.00 1.14 0.00 | 32.84 1.63 -2.12 | 33.67 1.88 0.00 | 33.23 1.91 0.00 | 29.69 1.76 0.00 | 24.57 1.32 0.00 | 22.77 1.29 0.00 | 20.97 0.98 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 19.61 1.08 0.00 | 17.96 0.97 0.00 | 16.30 0.88 0.00 | 15.45 0.82 0.00 | 16.71 0.90 0.00 | 19.07 1.08 0.00 | 23.50 1.37 0.00 | 27.75 1.58 -1.53 | 25.43 1.38 -1.41 | 22.89 1.28 0.00 | 22.16 1.16 0.00 | 21.66 1.13 0.00 | 21.86 1.20 0.00 | 22.48 1.19 0.00 | 22.64 1.06 0.00 | 23.76 1.10 -1.08 | 26.00 1.14 0.00 | 32.84 1.63 -2.12 | 33.70 1.91 0.00 | 33.23 1.91 0.00 | 29.72 1.79 0.00 | 24.59 1.35 0.00 | 22.79 1.31 0.00 | 20.99 1.00 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 18.18 -0.35 0.00 | 16.70 -0.29 0.00 | 15.17 -0.25 0.00 | 14.50 -0.13 0.00 | 15.70 -0.11 0.00 | 17.83 -0.16 0.00 | 21.89 -0.24 0.00 | 24.31 -0.37 -0.04 | 22.26 -0.41 -0.03 | 21.08 -0.54 0.00 | 20.46 -0.55 0.00 | 19.96 -0.57 0.00 | 20.06 -0.60 0.00 | 20.69 -0.60 0.00 | 20.98 -0.60 0.00 | 20.99 -0.60 -0.03 | 24.23 -0.62 0.00 | 28.48 -0.67 -0.05 | 31.25 -0.54 0.00 | 30.82 -0.50 0.00 | 27.62 -0.31 0.00 | 23.12 -0.12 0.00 | 21.37 -0.11 0.00 | 19.89 -0.10 0.00 |
| LYONS_FALL_HYD 23570 | 18.63 0.09 0.00 | 17.11 0.12 0.00 | 15.56 0.14 0.00 | 14.85 0.22 0.00 | 16.10 0.28 0.00 | 18.33 0.34 0.00 | 22.64 0.51 0.00 | 25.11 0.42 -0.05 | 22.97 0.29 -0.04 | 21.81 0.19 0.00 | 21.11 0.11 0.00 | 20.59 0.06 0.00 | 20.70 0.04 0.00 | 21.35 0.06 0.00 | 21.65 0.06 0.00 | 21.71 0.11 -0.03 | 25.08 0.22 0.00 | 29.42 0.26 -0.07 | 32.23 0.44 0.00 | 31.79 0.47 0.00 | 28.38 0.45 0.00 | 23.66 0.42 0.00 | 21.80 0.32 0.00 | 20.29 0.30 0.00 |
| MADISON___COUNTY_LFGE 323628 | 19.07 0.54 0.00 | 17.48 0.49 0.00 | 15.85 0.43 0.00 | 15.03 0.40 0.00 | 16.28 0.47 0.00 | 18.55 0.56 0.00 | 22.93 0.80 0.00 | 25.41 0.69 -0.08 | 23.27 0.57 -0.07 | 22.09 0.48 0.00 | 21.38 0.38 0.00 | 20.86 0.33 0.00 | 20.97 0.31 0.00 | 21.63 0.34 0.00 | 21.93 0.35 0.00 | 22.02 0.39 -0.05 | 25.37 0.52 0.00 | 29.76 0.55 -0.11 | 32.49 0.70 0.00 | 32.04 0.72 0.00 | 28.57 0.64 0.00 | 23.82 0.58 0.00 | 21.95 0.47 0.00 | 20.49 0.50 0.00 |
| MALONE___115KV_TB1 356076 | 18.28 -0.26 0.00 | 16.80 -0.19 0.00 | 15.22 -0.20 0.00 | 14.55 -0.09 0.00 | 15.73 -0.08 0.00 | 17.86 -0.13 0.00 | 21.64 -0.49 0.00 | 24.25 -0.39 0.00 | 22.39 -0.25 0.00 | 21.36 -0.26 0.00 | 20.83 -0.17 0.00 | 20.27 -0.27 0.00 | 20.43 -0.23 0.00 | 21.09 -0.19 0.00 | 21.41 -0.17 0.00 | 21.34 -0.24 0.00 | 24.60 -0.25 0.00 | 28.89 -0.20 0.00 | 31.92 0.13 0.00 | 31.45 0.13 0.00 | 28.07 0.14 0.00 | 23.36 0.12 0.00 | 21.57 0.09 0.00 | 20.11 0.12 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MAPLEWOD_115KV_TB3 80458 | 19.13 0.59 0.00 | 17.58 0.59 0.00 | 16.01 0.59 0.00 | 15.17 0.54 0.00 | 16.36 0.55 0.00 | 18.64 0.65 0.00 | 22.88 0.75 0.00 | 27.11 0.96 -1.50 | 24.84 0.81 -1.38 | 22.37 0.76 0.00 | 21.63 0.63 0.00 | 21.19 0.66 0.00 | 21.36 0.70 0.00 | 21.97 0.68 0.00 | 22.32 0.73 0.00 | 23.48 0.84 -1.06 | 25.77 0.92 0.00 | 32.42 1.25 -2.08 | 33.19 1.40 0.00 | 32.67 1.35 0.00 | 29.13 1.20 0.00 | 24.12 0.88 0.00 | 22.23 0.75 0.00 | 20.47 0.48 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 18.33 -0.20 0.00 | 16.89 -0.10 0.00 | 15.38 -0.05 0.00 | 14.60 -0.03 0.00 | 15.79 -0.02 0.00 | 17.99 0.00 0.00 | 22.18 0.04 0.00 | 24.70 0.05 0.00 | 22.68 0.05 0.00 | 21.66 0.04 0.00 | 21.02 0.02 0.00 | 20.55 0.02 0.00 | 20.66 0.00 0.00 | 21.29 0.00 0.00 | 21.59 0.00 0.00 | 21.57 0.00 0.00 | 24.88 0.02 0.00 | 29.12 0.03 0.00 | 31.82 0.03 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.26 0.02 0.00 | 21.48 0.00 0.00 | 19.99 0.00 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 18.33 -0.20 0.00 | 16.89 -0.10 0.00 | 15.38 -0.05 0.00 | 14.60 -0.03 0.00 | 15.79 -0.02 0.00 | 17.99 0.00 0.00 | 22.18 0.04 0.00 | 24.70 0.05 0.00 | 22.68 0.05 0.00 | 21.66 0.04 0.00 | 21.02 0.02 0.00 | 20.55 0.02 0.00 | 20.66 0.00 0.00 | 21.29 0.00 0.00 | 21.59 0.00 0.00 | 21.57 0.00 0.00 | 24.88 0.02 0.00 | 29.12 0.03 0.00 | 31.82 0.03 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.26 0.02 0.00 | 21.48 0.00 0.00 | 19.99 0.00 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 18.18 -0.35 0.00 | 16.70 -0.29 0.00 | 15.13 -0.29 0.00 | 14.44 -0.19 0.00 | 15.60 -0.21 0.00 | 17.76 -0.23 0.00 | 21.44 -0.69 0.00 | 24.10 -0.54 0.00 | 22.27 -0.36 0.00 | 21.29 -0.32 0.00 | 20.77 -0.23 0.00 | 20.23 -0.31 0.00 | 20.41 -0.25 0.00 | 21.07 -0.21 0.00 | 21.28 -0.30 0.00 | 21.34 -0.24 0.00 | 24.58 -0.27 0.00 | 28.86 -0.23 0.00 | 31.98 0.19 0.00 | 31.42 0.09 0.00 | 27.96 0.03 0.00 | 23.22 -0.02 0.00 | 21.59 0.11 0.00 | 19.99 0.00 0.00 |
| MARSHVLE_115KV_TB1 80742 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.16 0.74 0.00 | 15.32 0.69 0.00 | 16.62 0.81 0.00 | 19.02 1.03 0.00 | 23.61 1.48 0.00 | 27.86 1.68 -1.54 | 25.46 1.40 -1.42 | 22.78 1.17 0.00 | 21.99 0.99 0.00 | 21.50 0.97 0.00 | 21.73 1.07 0.00 | 22.39 1.11 0.00 | 22.73 1.14 0.00 | 23.98 1.32 -1.09 | 26.07 1.22 0.00 | 33.15 1.92 -2.14 | 34.14 2.35 0.00 | 33.83 2.51 0.00 | 30.11 2.18 0.00 | 24.96 1.72 0.00 | 22.90 1.42 0.00 | 20.89 0.90 0.00 |
| MARSH_HILL_WT_PWR 323713 | 19.68 1.15 0.00 | 17.94 0.95 0.00 | 16.18 0.76 0.00 | 15.34 0.70 0.00 | 16.62 0.81 0.00 | 18.85 0.86 0.00 | 23.32 1.19 0.00 | 25.28 0.44 -0.19 | 23.20 0.38 -0.17 | 22.27 0.65 0.00 | 21.55 0.55 0.00 | 21.01 0.47 0.00 | 21.07 0.41 0.00 | 21.80 0.51 0.00 | 22.06 0.47 0.00 | 21.98 0.26 -0.14 | 25.23 0.37 0.00 | 30.16 0.73 -0.33 | 32.49 0.70 0.00 | 32.30 0.97 0.00 | 28.68 0.75 0.00 | 24.03 0.79 0.00 | 22.06 0.58 0.00 | 20.81 0.82 0.00 |
| MCINTYRE_115KV_TB2 80467 | 18.22 -0.32 0.00 | 16.72 -0.27 0.00 | 15.17 -0.25 0.00 | 14.46 -0.18 0.00 | 15.65 -0.16 0.00 | 17.77 -0.22 0.00 | 21.71 -0.42 0.00 | 24.18 -0.47 0.00 | 22.18 -0.45 0.00 | 21.06 -0.56 0.00 | 20.50 -0.50 0.00 | 19.98 -0.55 0.00 | 20.10 -0.56 0.00 | 20.75 -0.53 0.00 | 21.07 -0.52 0.00 | 20.97 -0.60 0.00 | 24.23 -0.62 0.00 | 28.40 -0.70 0.00 | 31.28 -0.51 0.00 | 30.85 -0.47 0.00 | 27.65 -0.28 0.00 | 23.12 -0.12 0.00 | 21.33 -0.15 0.00 | 19.93 -0.06 0.00 |
| MECO____69_KV_BK1 80468 | 19.94 1.41 0.00 | 18.23 1.24 0.00 | 16.50 1.08 0.00 | 15.66 1.02 0.00 | 17.01 1.20 0.00 | 19.47 1.48 0.00 | 24.23 2.10 0.00 | 28.21 2.02 -1.54 | 25.71 1.65 -1.42 | 22.96 1.34 0.00 | 22.09 1.09 0.00 | 21.60 1.07 0.00 | 21.88 1.22 0.00 | 22.58 1.30 0.00 | 22.95 1.36 0.00 | 24.22 1.55 -1.09 | 26.39 1.54 0.00 | 33.65 2.41 -2.14 | 34.68 2.89 0.00 | 34.43 3.10 0.00 | 30.61 2.68 0.00 | 25.29 2.05 0.00 | 23.20 1.72 0.00 | 21.37 1.38 0.00 |
| MENANDS_115KV_TB5 355628 | 19.04 0.50 0.00 | 17.50 0.51 0.00 | 15.96 0.54 0.00 | 15.12 0.48 0.00 | 16.28 0.47 0.00 | 18.55 0.56 0.00 | 22.75 0.62 0.00 | 26.96 0.81 -1.50 | 24.72 0.70 -1.38 | 22.24 0.63 0.00 | 21.53 0.53 0.00 | 21.09 0.55 0.00 | 21.26 0.60 0.00 | 21.86 0.57 0.00 | 22.23 0.65 0.00 | 23.39 0.76 -1.06 | 25.67 0.82 0.00 | 32.27 1.11 -2.07 | 33.00 1.21 0.00 | 32.45 1.13 0.00 | 28.96 1.03 0.00 | 23.98 0.74 0.00 | 22.10 0.62 0.00 | 20.35 0.36 0.00 |
| MG INDUSTRY___DRP 24185 | 19.13 0.59 0.00 | 17.57 0.58 0.00 | 16.01 0.59 0.00 | 15.16 0.53 0.00 | 16.35 0.54 0.00 | 18.62 0.63 0.00 | 22.86 0.73 0.00 | 27.00 0.89 -1.47 | 24.76 0.77 -1.36 | 22.31 0.69 0.00 | 21.61 0.61 0.00 | 21.15 0.62 0.00 | 21.32 0.66 0.00 | 21.94 0.66 0.00 | 22.30 0.71 0.00 | 23.43 0.82 -1.04 | 25.72 0.87 0.00 | 32.29 1.16 -2.03 | 33.13 1.34 0.00 | 32.61 1.28 0.00 | 29.07 1.15 0.00 | 24.10 0.86 0.00 | 22.23 0.75 0.00 | 20.47 0.48 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 18.18 -0.35 0.00 | 16.70 -0.29 0.00 | 15.17 -0.25 0.00 | 14.50 -0.13 0.00 | 15.70 -0.11 0.00 | 17.83 -0.16 0.00 | 21.89 -0.24 0.00 | 24.31 -0.37 -0.04 | 22.26 -0.41 -0.03 | 21.08 -0.54 0.00 | 20.46 -0.55 0.00 | 19.96 -0.57 0.00 | 20.06 -0.60 0.00 | 20.69 -0.60 0.00 | 20.98 -0.60 0.00 | 20.99 -0.60 -0.03 | 24.23 -0.62 0.00 | 28.48 -0.67 -0.05 | 31.25 -0.54 0.00 | 30.82 -0.50 0.00 | 27.62 -0.31 0.00 | 23.12 -0.12 0.00 | 21.37 -0.11 0.00 | 19.89 -0.10 0.00 |
| MID___RAQUETTE_HYD 23851 | 17.98 -0.56 0.00 | 16.50 -0.49 0.00 | 14.97 -0.45 0.00 | 14.30 -0.34 0.00 | 15.46 -0.35 0.00 | 17.51 -0.49 0.00 | 21.29 -0.84 0.00 | 23.66 -0.99 0.00 | 21.73 -0.91 0.00 | 20.60 -1.02 0.00 | 20.06 -0.95 0.00 | 19.57 -0.97 0.00 | 19.71 -0.95 0.00 | 20.33 -0.96 0.00 | 20.62 -0.97 0.00 | 20.54 -1.04 0.00 | 23.68 -1.17 0.00 | 27.78 -1.31 0.00 | 30.55 -1.24 0.00 | 30.13 -1.19 0.00 | 27.06 -0.87 0.00 | 22.73 -0.51 0.00 | 21.07 -0.41 0.00 | 19.69 -0.30 0.00 |
| MILLIKEN___1 23584 | 19.18 0.65 0.00 | 17.55 0.56 0.00 | 15.90 0.48 0.00 | 15.06 0.42 0.00 | 16.30 0.49 0.00 | 18.53 0.54 0.00 | 22.95 0.82 0.00 | 25.59 0.71 -0.23 | 23.42 0.57 -0.21 | 22.14 0.52 0.00 | 21.40 0.40 0.00 | 20.86 0.33 0.00 | 20.97 0.31 0.00 | 21.65 0.36 0.00 | 21.93 0.35 0.00 | 22.15 0.41 -0.17 | 25.40 0.55 0.00 | 30.10 0.67 -0.34 | 32.49 0.70 0.00 | 32.14 0.81 0.00 | 28.66 0.73 0.00 | 23.89 0.65 0.00 | 22.02 0.54 0.00 | 20.53 0.54 0.00 |
| MILLIKEN___2 23585 | 19.18 0.65 0.00 | 17.55 0.56 0.00 | 15.90 0.48 0.00 | 15.06 0.42 0.00 | 16.30 0.49 0.00 | 18.53 0.54 0.00 | 22.95 0.82 0.00 | 25.59 0.71 -0.23 | 23.42 0.57 -0.21 | 22.14 0.52 0.00 | 21.40 0.40 0.00 | 20.86 0.33 0.00 | 20.97 0.31 0.00 | 21.65 0.36 0.00 | 21.93 0.35 0.00 | 22.15 0.41 -0.17 | 25.40 0.55 0.00 | 30.10 0.67 -0.34 | 32.49 0.70 0.00 | 32.14 0.81 0.00 | 28.66 0.73 0.00 | 23.89 0.65 0.00 | 22.02 0.54 0.00 | 20.53 0.54 0.00 |
| MILLIKEN___DIESEL 23629 | 19.18 0.65 0.00 | 17.55 0.56 0.00 | 15.90 0.48 0.00 | 15.06 0.42 0.00 | 16.30 0.49 0.00 | 18.53 0.54 0.00 | 22.95 0.82 0.00 | 25.59 0.71 -0.23 | 23.42 0.57 -0.21 | 22.14 0.52 0.00 | 21.40 0.40 0.00 | 20.86 0.33 0.00 | 20.97 0.31 0.00 | 21.65 0.36 0.00 | 21.93 0.35 0.00 | 22.15 0.41 -0.17 | 25.40 0.55 0.00 | 30.10 0.67 -0.34 | 32.49 0.70 0.00 | 32.14 0.81 0.00 | 28.66 0.73 0.00 | 23.89 0.65 0.00 | 22.02 0.54 0.00 | 20.53 0.54 0.00 |

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| MILLSEAT___LFGE 323607 | 19.54 1.00 0.00 | 17.79 0.80 0.00 | 16.05 0.63 0.00 | 15.20 0.57 0.00 | 16.46 0.65 0.00 | 18.64 0.65 0.00 | 22.84 0.71 0.00 | 24.74 -0.05 -0.14 | 22.79 0.02 -0.13 | 21.77 0.15 0.00 | 21.07 0.06 0.00 | 20.62 0.08 0.00 | 20.64 -0.02 0.00 | 21.35 0.06 0.00 | 21.63 0.04 0.00 | 21.79 0.11 -0.11 | 24.63 -0.22 0.00 | 29.03 -0.29 -0.23 | 31.31 -0.48 0.00 | 31.26 -0.06 0.00 | 27.54 -0.39 0.00 | 23.17 -0.07 0.00 | 21.35 -0.13 0.00 | 20.39 0.40 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.21 0.79 0.00 | 15.38 0.75 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.26 1.13 0.00 | 27.37 1.50 -1.22 | 25.28 1.52 -1.13 | 23.15 1.53 0.00 | 22.39 1.39 0.00 | 21.97 1.44 0.00 | 22.09 1.43 0.00 | 22.73 1.45 0.00 | 23.16 1.58 0.00 | 24.19 1.75 -0.87 | 26.77 1.91 0.00 | 32.93 2.21 -1.62 | 34.08 2.29 0.00 | 33.49 2.16 0.00 | 29.77 1.84 0.00 | 24.73 1.49 0.00 | 22.77 1.29 0.00 | 20.81 0.82 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 19.55 1.02 0.00 | 17.91 0.92 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.60 0.79 0.00 | 18.91 0.92 0.00 | 23.30 1.17 0.00 | 27.42 1.55 -1.22 | 25.30 1.54 -1.13 | 23.24 1.62 0.00 | 22.47 1.47 0.00 | 22.03 1.50 0.00 | 22.15 1.49 0.00 | 22.80 1.51 0.00 | 23.23 1.64 0.00 | 24.27 1.83 -0.87 | 26.87 2.01 0.00 | 33.04 2.33 -1.62 | 34.24 2.45 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.89 0.90 0.00 |
| MODEL_CITY_ENERGY 24167 | 19.11 0.58 0.00 | 17.43 0.44 0.00 | 15.71 0.29 0.00 | 14.91 0.28 0.00 | 16.13 0.32 0.00 | 18.24 0.25 0.00 | 22.29 0.16 0.00 | 24.05 -0.74 -0.14 | 22.18 -0.59 -0.13 | 21.23 -0.39 0.00 | 20.56 -0.44 0.00 | 20.14 -0.39 0.00 | 20.14 -0.52 0.00 | 20.82 -0.47 0.00 | 21.05 -0.54 0.00 | 21.23 -0.45 -0.12 | 23.93 -0.92 0.00 | 28.22 -1.11 -0.23 | 30.32 -1.46 0.01 | 30.26 -1.07 0.00 | 26.70 -1.23 0.00 | 22.52 -0.72 0.00 | 20.79 -0.69 0.00 | 19.97 -0.02 0.00 |
| MODERN_LFGE___ 323580 | 19.11 0.58 0.00 | 17.43 0.44 0.00 | 15.71 0.29 0.00 | 14.91 0.28 0.00 | 16.13 0.32 0.00 | 18.24 0.25 0.00 | 22.29 0.16 0.00 | 24.05 -0.74 -0.14 | 22.18 -0.59 -0.13 | 21.23 -0.39 0.00 | 20.56 -0.44 0.00 | 20.14 -0.39 0.00 | 20.14 -0.52 0.00 | 20.82 -0.47 0.00 | 21.05 -0.54 0.00 | 21.23 -0.45 -0.12 | 23.93 -0.92 0.00 | 28.22 -1.11 -0.23 | 30.32 -1.46 0.01 | 30.26 -1.07 0.00 | 26.70 -1.23 0.00 | 22.52 -0.72 0.00 | 20.79 -0.69 0.00 | 19.97 -0.02 0.00 |
| MOHAWK_PAPER___DRP 24187 | 19.13 0.59 0.00 | 17.58 0.59 0.00 | 16.01 0.59 0.00 | 15.17 0.54 0.00 | 16.36 0.55 0.00 | 18.64 0.65 0.00 | 22.88 0.75 0.00 | 27.11 1.26 -1.50 | 24.84 0.81 -1.38 | 22.37 0.76 0.00 | 21.63 0.63 0.00 | 21.19 0.66 0.00 | 21.36 0.70 0.00 | 21.97 0.68 0.00 | 22.32 0.73 0.00 | 23.48 0.84 -1.06 | 25.77 0.92 0.00 | 32.42 1.25 -2.08 | 33.19 1.40 0.00 | 32.67 1.35 0.00 | 29.13 1.20 0.00 | 24.12 0.88 0.00 | 22.23 0.75 0.00 | 20.47 0.48 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 19.85 1.32 0.00 | 18.15 1.16 0.00 | 16.47 1.05 0.00 | 15.60 0.97 0.00 | 16.90 1.09 0.00 | 19.30 1.31 0.00 | 23.88 1.75 0.00 | 28.12 1.95 -1.53 | 25.74 1.70 -1.41 | 23.20 1.58 0.00 | 22.41 1.41 0.00 | 21.91 1.38 0.00 | 22.15 1.49 0.00 | 22.75 1.47 0.00 | 22.58 0.99 0.00 | 23.56 0.91 -1.08 | 25.72 0.87 0.00 | 32.64 1.43 -2.12 | 33.54 1.75 0.00 | 33.17 1.85 0.00 | 29.75 1.82 0.00 | 24.57 1.32 0.00 | 23.03 1.55 0.00 | 21.23 1.24 0.00 |
| MONGAUP___HYD 23641 | 19.39 0.85 0.00 | 17.76 0.77 0.00 | 16.10 0.68 0.00 | 15.26 0.63 0.00 | 16.49 0.68 0.00 | 18.75 0.76 0.00 | 23.15 1.02 0.00 | 27.00 1.26 -1.09 | 24.80 1.15 -1.01 | 22.78 1.17 0.00 | 22.03 1.03 0.00 | 21.54 1.01 0.00 | 21.67 1.01 0.00 | 22.33 1.04 0.00 | 22.79 1.21 0.00 | 23.66 1.32 -0.77 | 26.37 1.52 0.00 | 32.34 1.80 -1.44 | 33.76 1.97 0.00 | 33.24 1.91 0.00 | 29.55 1.62 0.00 | 24.52 1.28 0.00 | 22.53 1.05 0.00 | 20.77 0.78 0.00 |
| MONTAUK___DIESEL 23721 | 21.18 2.63 -0.02 | 19.27 2.28 0.00 | 17.26 1.84 0.00 | 16.48 1.84 0.00 | 17.79 1.98 0.00 | 20.46 2.46 0.00 | 25.01 2.88 0.00 | 29.72 3.84 -1.23 | 27.53 3.76 -1.13 | 25.21 3.59 0.00 | 25.87 3.38 -1.49 | 26.26 3.31 -2.42 | 26.66 3.29 -2.71 | 27.94 3.43 -3.23 | 31.05 3.63 -5.84 | 34.72 3.86 -9.28 | 49.39 4.42 -20.11 | 93.75 5.18 -59.48 | 55.04 5.50 -17.75 | 53.25 5.33 -16.60 | 52.11 4.58 -19.60 | 33.71 3.70 -6.77 | 27.58 3.33 -2.77 | 22.51 2.52 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 20.02 1.48 0.00 | 18.20 1.21 0.00 | 16.38 0.96 0.00 | 15.61 0.98 0.00 | 16.84 1.03 0.00 | 19.03 1.04 0.00 | 23.46 1.33 0.00 | 25.42 0.62 -0.16 | 23.44 0.66 -0.15 | 22.68 1.06 0.00 | 21.93 0.92 0.00 | 21.29 0.76 0.00 | 21.45 0.79 0.00 | 22.12 0.83 0.00 | 22.39 0.80 0.00 | 22.26 0.56 -0.13 | 25.55 0.70 0.00 | 29.95 0.64 -0.22 | 32.39 0.60 0.01 | 32.26 0.94 0.00 | 28.57 0.64 0.00 | 24.01 0.77 0.00 | 22.06 0.58 0.00 | 20.95 0.96 0.00 |
| MORTIMER_115KV_TB3 55949 | 19.17 0.63 0.00 | 17.48 0.49 0.00 | 15.81 0.39 0.00 | 15.01 0.38 0.00 | 16.22 0.41 0.00 | 18.39 0.40 0.00 | 22.57 0.44 0.00 | 24.84 0.05 -0.14 | 22.83 0.07 -0.13 | 21.70 0.09 0.00 | 21.02 0.02 0.00 | 20.47 -0.06 0.00 | 20.62 -0.04 0.00 | 21.31 0.02 0.00 | 21.59 0.00 0.00 | 21.82 0.15 -0.10 | 24.73 -0.12 0.00 | 29.01 -0.29 -0.21 | 31.35 -0.45 0.00 | 31.10 -0.22 0.00 | 27.59 -0.34 0.00 | 23.17 -0.07 0.00 | 21.35 -0.13 0.00 | 20.21 0.22 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 19.50 0.96 0.00 | 17.86 0.87 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.60 0.79 0.00 | 18.93 0.94 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.35 1.73 0.00 | 22.54 1.53 0.00 | 22.13 1.60 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 23.33 1.75 0.00 | 24.38 1.94 -0.87 | 26.99 2.14 0.00 | 33.14 2.41 -1.63 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.88 1.40 0.00 | 20.85 0.86 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 20.17 1.63 0.00 | 18.47 1.48 0.00 | 16.72 1.30 0.00 | 15.79 1.16 0.00 | 17.17 1.36 0.00 | 19.59 1.60 0.00 | 24.41 2.28 0.00 | 27.32 2.29 -0.38 | 24.84 1.86 -0.35 | 23.15 1.54 0.00 | 22.24 1.24 0.00 | 21.66 1.13 0.00 | 21.69 1.03 0.00 | 22.39 1.11 0.00 | 22.75 1.16 0.00 | 23.14 1.29 -0.27 | 26.64 1.79 0.00 | 31.79 2.15 -0.54 | 34.55 2.76 0.00 | 34.17 2.85 0.00 | 30.47 2.54 0.00 | 25.38 2.14 0.00 | 23.24 1.76 0.00 | 21.63 1.64 0.00 |
| N SALMON___HYD 24042 | 18.28 -0.26 0.00 | 16.80 -0.19 0.00 | 15.22 -0.20 0.00 | 14.55 -0.09 0.00 | 15.73 -0.08 0.00 | 17.87 -0.13 0.00 | 21.64 -0.49 0.00 | 24.25 -0.40 0.00 | 22.39 -0.25 0.00 | 21.34 -0.28 0.00 | 20.83 -0.17 0.00 | 20.27 -0.27 0.00 | 20.43 -0.23 0.00 | 21.09 -0.19 0.00 | 21.31 -0.28 0.00 | 21.36 -0.22 0.00 | 24.60 -0.25 0.00 | 28.89 -0.20 0.00 | 31.92 0.13 0.00 | 31.45 0.13 0.00 | 28.07 0.14 0.00 | 23.36 0.12 0.00 | 21.70 0.21 0.00 | 20.11 0.12 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 19.55 1.02 0.00 | 17.81 0.82 0.00 | 16.05 0.63 0.00 | 15.29 0.66 0.00 | 16.51 0.70 0.00 | 18.66 0.67 0.00 | 22.86 0.73 0.00 | 24.74 -0.05 -0.14 | 22.77 0.00 -0.13 | 21.79 0.17 0.00 | 21.07 0.06 0.00 | 20.45 -0.08 0.00 | 20.64 -0.02 0.00 | 21.33 0.04 0.00 | 21.63 0.04 0.00 | 21.77 0.09 -0.11 | 24.70 -0.15 0.00 | 28.85 -0.44 -0.20 | 31.15 -0.64 0.00 | 31.04 -0.28 0.00 | 27.51 -0.42 0.00 | 23.19 -0.05 0.00 | 21.33 -0.15 0.00 | 20.41 0.42 0.00 |

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| N.BELMOR_69_KV_BK1 55787 | 20.04 1.48 -0.02 | 18.30 1.31 0.00 | 16.49 1.06 0.00 | 15.70 1.07 0.00 | 16.93 1.12 0.00 | 19.41 1.42 0.00 | 23.84 1.70 0.00 | 28.07 2.19 -1.23 | 25.99 2.22 -1.13 | 23.80 2.18 0.00 | 24.49 2.00 -1.49 | 24.94 1.99 -2.42 | 25.35 1.98 -2.71 | 26.56 2.04 -3.23 | 29.60 2.18 -5.84 | 33.18 2.33 -9.28 | 46.54 2.66 -19.03 | 50.40 3.03 -18.28 | 52.74 3.21 -17.74 | 50.96 3.04 -16.59 | 33.67 2.60 -3.14 | 32.10 2.09 -6.77 | 26.19 1.93 -2.77 | 21.37 1.38 0.00 |
| N.E_GEN_SANDY PD 24062 | 19.31 0.78 0.00 | 17.72 0.73 0.00 | 16.13 0.71 0.00 | 15.29 0.66 0.00 | 16.49 0.68 0.00 | 18.80 0.81 0.00 | 23.06 0.93 0.00 | 27.18 1.16 -1.37 | 24.97 1.06 -1.27 | 22.61 0.99 0.00 | 21.86 0.86 0.00 | 21.41 0.88 0.00 | 21.55 0.89 0.00 | 22.18 0.89 0.00 | 22.62 1.04 0.00 | 23.65 1.10 -0.98 | 26.12 1.27 0.00 | 32.54 1.57 -1.87 | 33.44 1.65 0.00 | 32.83 1.50 0.00 | 29.30 1.37 0.00 | 24.33 1.09 0.00 | 22.36 0.88 0.00 | 20.63 0.64 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.19 0.77 0.00 | 15.35 0.72 0.00 | 16.55 0.74 0.00 | 18.85 0.86 0.00 | 23.26 1.13 0.00 | 27.28 1.45 -1.18 | 25.20 1.47 -1.09 | 23.11 1.49 0.00 | 22.35 1.34 0.00 | 21.93 1.40 0.00 | 22.04 1.38 0.00 | 22.69 1.40 0.00 | 23.12 1.53 0.00 | 24.14 1.73 -0.84 | 26.69 1.84 0.00 | 32.77 2.12 -1.56 | 34.02 2.23 0.00 | 33.42 2.10 0.00 | 29.72 1.79 0.00 | 24.66 1.42 0.00 | 22.73 1.25 0.00 | 20.79 0.80 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 19.55 1.02 0.00 | 17.99 1.00 0.00 | 16.39 0.96 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.94 0.95 0.00 | 23.30 1.17 0.00 | 27.53 1.65 -1.23 | 25.48 1.72 -1.12 | 23.40 1.79 0.01 | 22.59 1.58 -0.01 | 22.18 1.64 -0.01 | 22.30 1.63 -0.01 | 22.93 1.64 -0.01 | 23.39 1.79 -0.01 | 24.41 1.96 -0.88 | 27.05 2.19 -0.01 | 33.18 2.44 -1.64 | 34.31 2.51 -0.01 | 33.68 2.35 -0.01 | 29.92 1.98 -0.01 | 24.87 1.63 0.00 | 22.97 1.48 -0.01 | 20.83 0.84 0.00 |
| N.TROY___115KV_TB1 355778 | 19.31 0.78 0.00 | 17.72 0.73 0.00 | 16.12 0.69 0.00 | 15.26 0.63 0.00 | 16.49 0.68 0.00 | 18.82 0.83 0.00 | 23.10 0.97 0.00 | 27.31 1.16 -1.51 | 25.05 1.02 -1.39 | 22.53 0.91 0.00 | 21.80 0.80 0.00 | 21.35 0.82 0.00 | 21.51 0.85 0.00 | 22.12 0.83 0.00 | 22.43 0.84 0.00 | 23.57 0.93 -1.07 | 25.90 1.04 0.00 | 32.58 1.40 -2.09 | 33.35 1.56 0.00 | 32.80 1.47 0.00 | 29.30 1.37 0.00 | 24.26 1.02 0.00 | 22.43 0.95 0.00 | 20.65 0.66 0.00 |
| NARROWS_GT1_1 24228 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NARROWS_GT1_2 24229 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NARROWS_GT1_3 24230 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NARROWS_GT1_4 24231 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NARROWS_GT1_5 24232 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NARROWS_GT1_6 24233 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NARROWS_GT1_7 24234 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NARROWS_GT1_8 24235 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NARROWS_GT2_1 24236 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| NARROWS_GT2_2 24237 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |

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|---|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT2_3 24238 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| NARROWS_GT2_4 24239 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| NARROWS_GT2_5 24240 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| NARROWS_GT2_6 24241 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| NARROWS_GT2_7 24242 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| NARROWS_GT2_8 24243 | 19.65 1.11 0.00 | 17.97 0.99 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 31.30 1.94 -7.77 | 31.32 2.03 -7.72 | 34.23 2.36 -7.02 | 35.24 2.59 -3.55 | 34.47 2.67 -0.01 | 33.84 2.51 -0.01 | 30.03 2.10 -0.01 | 24.96 1.72 0.00 | 22.91 1.42 -0.01 | 20.95 0.96 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 19.30 0.76 0.00 | 17.74 0.75 0.00 | 16.16 0.74 0.00 | 15.29 0.66 0.00 | 16.52 0.71 0.00 | 18.80 0.81 0.00 | 23.13 1.00 0.00 | 27.07 1.01 -1.41 | 24.69 0.75 -1.30 | 22.40 0.78 0.00 | 21.65 0.65 0.00 | 21.17 0.64 0.00 | 21.38 0.72 0.00 | 22.01 0.72 0.00 | 22.36 0.78 0.00 | 23.37 0.80 -1.00 | 25.85 0.99 0.00 | 32.38 1.34 -1.95 | 33.63 1.84 0.00 | 33.23 1.91 0.00 | 29.55 1.62 0.00 | 24.43 1.19 0.00 | 22.49 1.01 0.00 | 20.63 0.64 0.00 |
| NCHELSEA_115KV_TR2 355582 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.27 0.85 0.00 | 15.42 0.79 0.00 | 16.65 0.84 0.00 | 18.94 0.95 0.00 | 23.37 1.24 0.00 | 27.43 1.55 -1.23 | 25.25 1.47 -1.14 | 23.13 1.51 0.00 | 22.35 1.34 0.00 | 21.91 1.38 0.00 | 22.02 1.36 0.00 | 22.67 1.38 0.00 | 23.10 1.51 0.00 | 24.17 1.73 -0.87 | 26.72 1.86 0.00 | 32.95 2.21 -1.65 | 34.21 2.42 0.00 | 33.67 2.35 0.00 | 29.91 1.98 0.00 | 24.80 1.56 0.00 | 22.86 1.37 0.00 | 20.93 0.94 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 19.57 1.04 0.00 | 17.92 0.93 0.00 | 16.28 0.86 0.00 | 15.44 0.80 0.00 | 16.70 0.88 0.00 | 19.03 1.04 0.00 | 23.46 1.33 0.00 | 27.70 1.53 -1.52 | 25.40 1.36 -1.40 | 22.87 1.25 0.00 | 22.09 1.09 0.00 | 21.60 1.07 0.00 | 21.82 1.16 0.00 | 22.43 1.15 0.00 | 22.84 1.25 0.00 | 23.90 1.25 -1.08 | 26.22 1.37 0.00 | 33.06 1.86 -2.11 | 33.95 2.16 0.00 | 33.46 2.13 0.00 | 29.91 1.98 0.00 | 24.75 1.51 0.00 | 22.68 1.20 0.00 | 20.95 0.96 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 18.74 0.20 0.00 | 17.09 0.10 0.00 | 15.45 0.03 0.00 | 14.63 0.00 0.00 | 15.86 0.05 0.00 | 18.01 0.02 0.00 | 22.18 0.04 0.00 | 24.47 -0.32 -0.14 | 22.47 -0.29 -0.13 | 21.34 -0.28 0.00 | 20.67 -0.34 0.00 | 20.20 -0.33 0.00 | 20.27 -0.39 0.00 | 20.92 -0.36 0.00 | 21.24 -0.35 0.00 | 21.41 -0.26 -0.10 | 24.28 -0.57 0.00 | 28.68 -0.64 -0.23 | 31.00 -0.79 0.00 | 30.76 -0.56 0.00 | 27.23 -0.70 0.00 | 22.78 -0.46 0.00 | 20.97 -0.52 0.00 | 19.83 -0.16 0.00 |
| NEG CENTRAL___DRP 24199 | 19.02 0.48 0.00 | 17.38 0.39 0.00 | 15.73 0.31 0.00 | 14.91 0.28 0.00 | 16.14 0.33 0.00 | 18.33 0.34 0.00 | 22.71 0.58 0.00 | 25.07 0.27 -0.15 | 22.98 0.20 -0.14 | 21.83 0.22 0.00 | 21.15 0.15 0.00 | 20.59 0.06 0.00 | 20.72 0.06 0.00 | 21.39 0.11 0.00 | 21.67 0.09 0.00 | 21.79 0.11 -0.11 | 24.98 0.12 0.00 | 29.52 0.20 -0.22 | 31.89 0.10 0.00 | 31.54 0.22 0.00 | 28.15 0.22 0.00 | 23.47 0.23 0.00 | 21.63 0.15 0.00 | 20.25 0.26 0.00 |
| NEG CENTRAL___INDECK 23768 | 19.89 1.35 0.00 | 18.11 1.12 0.00 | 16.35 0.93 0.00 | 15.45 0.82 0.00 | 16.78 0.96 0.00 | 19.05 1.06 0.00 | 23.55 1.42 0.00 | 25.73 0.91 -0.17 | 23.56 0.77 -0.15 | 22.42 0.80 0.00 | 21.65 0.65 0.00 | 21.11 0.57 0.00 | 21.14 0.48 0.00 | 21.88 0.60 0.00 | 22.19 0.60 0.00 | 22.34 0.65 -0.12 | 25.50 0.65 0.00 | 30.40 1.02 -0.29 | 32.87 1.08 0.00 | 32.74 1.41 0.00 | 28.93 1.00 0.00 | 24.26 1.02 0.00 | 22.28 0.80 0.00 | 20.95 0.96 0.00 |
| NEG CENTRAL___SENECA 23627 | 19.22 0.69 0.00 | 17.53 0.54 0.00 | 15.85 0.43 0.00 | 15.04 0.41 0.00 | 16.28 0.47 0.00 | 18.49 0.50 0.00 | 22.93 0.80 0.00 | 25.17 0.37 -0.16 | 23.08 0.29 -0.15 | 21.96 0.35 0.00 | 21.23 0.23 0.00 | 20.68 0.14 0.00 | 20.81 0.14 0.00 | 21.50 0.21 0.00 | 21.78 0.19 0.00 | 21.88 0.19 -0.11 | 25.10 0.25 0.00 | 29.70 0.38 -0.23 | 32.01 0.22 0.00 | 31.73 0.41 0.00 | 28.32 0.39 0.00 | 23.64 0.40 0.00 | 21.74 0.26 0.00 | 20.41 0.42 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 18.98 0.44 0.00 | 17.36 0.37 0.00 | 15.71 0.29 0.00 | 14.90 0.26 0.00 | 16.13 0.32 0.00 | 18.31 0.32 0.00 | 22.68 0.55 0.00 | 25.37 0.57 -0.16 | 23.21 0.43 -0.14 | 22.03 0.41 0.00 | 21.34 0.34 0.00 | 20.80 0.27 0.00 | 20.93 0.27 0.00 | 21.58 0.30 0.00 | 21.85 0.26 0.00 | 21.99 0.30 -0.11 | 25.23 0.37 0.00 | 29.76 0.44 -0.23 | 32.20 0.41 0.00 | 31.86 0.53 0.00 | 28.43 0.50 0.00 | 23.71 0.46 0.00 | 21.87 0.39 0.00 | 20.27 0.28 0.00 |
| NEG MILLWOOD___DRP 24198 | 19.74 1.20 0.00 | 18.09 1.10 0.00 | 16.35 0.93 0.00 | 15.50 0.86 0.00 | 16.73 0.92 0.00 | 19.00 1.01 0.00 | 23.41 1.28 0.00 | 27.52 1.63 -1.24 | 25.37 1.58 -1.15 | 23.33 1.71 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.86 1.58 0.00 | 23.29 1.71 0.00 | 24.40 1.94 -0.88 | 26.96 2.11 0.00 | 33.29 2.53 -1.66 | 34.52 2.73 0.00 | 33.96 2.63 0.00 | 30.16 2.23 0.00 | 25.05 1.81 0.00 | 23.03 1.55 0.00 | 21.07 1.08 0.00 |

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| NEG NORTH_FLCN_SEA 23793 | 18.39 -0.15 0.00 | 16.89 -0.10 0.00 | 15.30 -0.12 0.00 | 14.62 -0.01 0.00 | 15.78 -0.03 0.00 | 17.95 -0.04 0.00 | 21.56 -0.58 0.00 | 24.23 -0.42 0.00 | 22.39 -0.25 0.00 | 21.42 -0.19 0.00 | 20.90 -0.11 0.00 | 20.35 -0.18 0.00 | 20.52 -0.14 0.00 | 21.20 -0.09 0.00 | 21.50 -0.09 0.00 | 21.44 -0.13 0.00 | 24.73 -0.12 0.00 | 29.04 -0.06 0.00 | 32.39 0.60 0.00 | 31.83 0.50 0.00 | 28.32 0.39 0.00 | 23.52 0.28 0.00 | 21.72 0.24 0.00 | 20.21 0.22 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 18.20 -0.33 0.00 | 16.72 -0.27 0.00 | 15.14 -0.28 0.00 | 14.46 -0.18 0.00 | 15.62 -0.19 0.00 | 17.76 -0.23 0.00 | 21.51 -0.62 0.00 | 24.15 -0.49 0.00 | 22.30 -0.34 0.00 | 21.31 -0.30 0.00 | 20.81 -0.19 0.00 | 20.27 -0.27 0.00 | 20.43 -0.23 0.00 | 21.09 -0.19 0.00 | 21.41 -0.17 0.00 | 21.34 -0.24 0.00 | 24.60 -0.25 0.00 | 28.89 -0.20 0.00 | 31.98 0.19 0.00 | 31.45 0.13 0.00 | 27.99 0.06 0.00 | 23.24 0.00 0.00 | 21.46 -0.02 0.00 | 20.01 0.02 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 18.39 -0.15 0.00 | 16.90 -0.08 0.00 | 15.30 -0.12 0.00 | 14.63 0.00 0.00 | 15.81 0.00 0.00 | 17.99 0.00 0.00 | 21.67 -0.46 0.00 | 24.33 -0.32 0.00 | 22.48 -0.16 0.00 | 21.49 -0.13 0.00 | 20.96 -0.04 0.00 | 20.39 -0.14 0.00 | 20.58 -0.08 0.00 | 21.26 -0.02 0.00 | 21.59 0.00 0.00 | 21.51 -0.06 0.00 | 24.83 -0.02 0.00 | 29.18 0.09 0.00 | 32.43 0.64 0.00 | 31.92 0.60 0.00 | 28.40 0.47 0.00 | 23.57 0.33 0.00 | 21.74 0.26 0.00 | 20.25 0.26 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 18.39 -0.15 0.00 | 16.90 -0.08 0.00 | 15.30 -0.12 0.00 | 14.63 0.00 0.00 | 15.81 0.00 0.00 | 17.99 0.00 0.00 | 21.67 -0.46 0.00 | 24.33 -0.32 0.00 | 22.48 -0.16 0.00 | 21.49 -0.13 0.00 | 20.96 -0.04 0.00 | 20.39 -0.14 0.00 | 20.58 -0.08 0.00 | 21.26 -0.02 0.00 | 21.59 0.00 0.00 | 21.51 -0.06 0.00 | 24.83 -0.02 0.00 | 29.18 0.09 0.00 | 32.43 0.64 0.00 | 31.92 0.60 0.00 | 28.40 0.47 0.00 | 23.57 0.33 0.00 | 21.74 0.26 0.00 | 20.25 0.26 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 18.39 -0.15 0.00 | 16.91 -0.08 0.00 | 15.30 -0.12 0.00 | 14.63 0.00 0.00 | 15.81 0.00 0.00 | 17.99 0.00 0.00 | 21.66 -0.47 0.00 | 24.33 -0.32 0.00 | 22.48 -0.16 0.00 | 21.49 -0.13 0.00 | 20.96 -0.04 0.00 | 20.39 -0.14 0.00 | 20.58 -0.08 0.00 | 21.26 -0.02 0.00 | 21.48 -0.11 0.00 | 21.53 -0.04 0.00 | 24.83 -0.02 0.00 | 29.18 0.09 0.00 | 32.43 0.64 0.00 | 31.92 0.59 0.00 | 28.40 0.47 0.00 | 23.57 0.33 0.00 | 21.87 0.39 0.00 | 20.25 0.26 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 19.31 0.78 0.00 | 17.60 0.61 0.00 | 15.88 0.46 0.00 | 15.15 0.51 0.00 | 16.32 0.51 0.00 | 18.42 0.43 0.00 | 22.53 0.40 0.00 | 24.32 -0.47 -0.14 | 22.43 -0.34 -0.13 | 21.51 -0.11 0.00 | 20.79 -0.21 0.00 | 20.20 -0.33 0.00 | 20.37 -0.29 0.00 | 21.05 -0.23 0.00 | 21.33 -0.26 0.00 | 21.45 -0.24 -0.11 | 24.28 -0.57 0.00 | 28.39 -0.90 -0.19 | 30.58 -1.21 0.01 | 30.45 -0.88 0.00 | 27.04 -0.89 0.00 | 22.82 -0.42 0.00 | 21.01 -0.47 0.00 | 20.17 0.18 0.00 |
| NEG WEST___LANCASTR 23811 | 19.30 0.76 0.00 | 17.57 0.58 0.00 | 15.84 0.42 0.00 | 15.10 0.47 0.00 | 16.28 0.47 0.00 | 18.39 0.40 0.00 | 22.64 0.51 0.00 | 24.26 -0.54 -0.16 | 22.24 -0.54 -0.15 | 21.86 0.24 0.00 | 21.15 0.15 0.00 | 20.55 0.02 0.00 | 20.70 0.04 0.00 | 21.39 0.11 0.00 | 21.65 0.06 0.00 | 21.10 -0.60 -0.13 | 24.73 -0.12 0.00 | 28.85 -0.47 -0.22 | 31.34 -0.45 0.01 | 31.10 -0.22 0.00 | 27.62 -0.31 0.00 | 23.24 0.00 0.00 | 21.37 -0.11 0.00 | 20.23 0.24 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 19.11 0.58 0.00 | 17.48 0.49 0.00 | 15.84 0.42 0.00 | 15.00 0.37 0.00 | 16.22 0.41 0.00 | 18.44 0.45 0.00 | 22.79 0.66 0.00 | 25.70 0.67 -0.39 | 23.56 0.57 -0.36 | 22.18 0.56 0.00 | 21.49 0.48 0.00 | 21.01 0.47 0.00 | 21.10 0.43 0.00 | 21.75 0.47 0.00 | 22.10 0.52 0.00 | 22.35 0.50 -0.28 | 25.50 0.65 0.00 | 30.27 0.64 -0.54 | 32.42 0.64 0.00 | 32.05 0.72 0.00 | 28.54 0.61 0.00 | 23.80 0.56 0.00 | 21.89 0.41 0.00 | 20.43 0.44 0.00 |
| NEG___GEN_MONROE 24207 | 19.18 0.65 0.00 | 17.50 0.51 0.00 | 15.81 0.39 0.00 | 15.03 0.40 0.00 | 16.21 0.40 0.00 | 18.35 0.36 0.00 | 22.51 0.38 0.00 | 24.69 -0.10 -0.14 | 22.72 -0.05 -0.13 | 21.62 0.00 0.00 | 20.96 -0.04 0.00 | 20.35 -0.18 0.00 | 20.52 -0.14 0.00 | 21.20 -0.09 0.00 | 21.46 -0.13 0.00 | 21.72 0.04 -0.10 | 24.60 -0.25 0.00 | 28.83 -0.47 -0.20 | 31.15 -0.64 0.00 | 30.98 -0.34 0.00 | 27.51 -0.42 0.00 | 23.08 -0.16 0.00 | 21.29 -0.19 0.00 | 20.23 0.24 0.00 |
| NEPA___ENERGY 23901 | 19.55 1.02 0.00 | 17.81 0.82 0.00 | 16.05 0.63 0.00 | 15.31 0.67 0.00 | 16.49 0.68 0.00 | 18.64 0.65 0.00 | 22.93 0.80 0.00 | 24.88 0.07 -0.16 | 22.92 0.14 -0.15 | 22.14 0.52 0.00 | 21.42 0.42 0.00 | 20.82 0.29 0.00 | 20.97 0.31 0.00 | 21.69 0.40 0.00 | 21.93 0.35 0.00 | 21.83 0.13 -0.13 | 25.05 0.20 0.00 | 29.37 0.06 -0.22 | 31.69 -0.10 0.01 | 31.48 0.16 0.00 | 27.96 0.03 0.00 | 23.54 0.30 0.00 | 21.65 0.17 0.00 | 20.49 0.50 0.00 |
| NEVERSINK___HYD 23608 | 19.24 0.70 0.00 | 17.62 0.63 0.00 | 15.96 0.54 0.00 | 15.13 0.50 0.00 | 16.35 0.54 0.00 | 18.58 0.59 0.00 | 22.97 0.84 0.00 | 26.64 0.99 -1.01 | 24.48 0.91 -0.93 | 22.57 0.95 0.00 | 21.80 0.80 0.00 | 21.31 0.78 0.00 | 20.89 0.23 0.00 | 21.52 0.23 0.00 | 21.98 0.39 0.00 | 22.81 0.52 -0.72 | 25.62 0.77 0.00 | 31.39 0.87 -1.43 | 32.78 0.99 0.00 | 32.23 0.91 0.00 | 29.41 1.48 0.00 | 24.43 1.18 0.00 | 22.45 0.97 0.00 | 20.69 0.70 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 18.92 0.39 0.00 | 17.41 0.42 0.00 | 15.88 0.46 0.00 | 15.04 0.41 0.00 | 16.21 0.40 0.00 | 18.46 0.47 0.00 | 22.64 0.51 0.00 | 26.83 0.69 -1.50 | 24.58 0.57 -1.38 | 22.14 0.52 0.00 | 21.42 0.42 0.00 | 20.98 0.45 0.00 | 21.16 0.50 0.00 | 21.75 0.47 0.00 | 22.10 0.52 0.00 | 23.26 0.63 -1.06 | 25.52 0.67 0.00 | 32.10 0.93 -2.07 | 32.84 1.05 0.00 | 32.33 1.00 0.00 | 28.82 0.89 0.00 | 23.87 0.63 0.00 | 22.00 0.52 0.00 | 20.25 0.26 0.00 |
| NEWTON___FALLS_HYD 23847 | 18.18 -0.35 0.00 | 16.70 -0.29 0.00 | 15.17 -0.25 0.00 | 14.50 -0.13 0.00 | 15.70 -0.11 0.00 | 17.83 -0.16 0.00 | 21.89 -0.24 0.00 | 24.31 -0.37 -0.04 | 22.26 -0.41 -0.03 | 21.08 -0.54 0.00 | 20.46 -0.55 0.00 | 19.96 -0.57 0.00 | 20.06 -0.60 0.00 | 20.69 -0.60 0.00 | 20.98 -0.60 0.00 | 20.99 -0.60 -0.03 | 24.23 -0.62 0.00 | 28.48 -0.67 -0.05 | 31.25 -0.54 0.00 | 30.82 -0.50 0.00 | 27.62 -0.31 0.00 | 23.12 -0.12 0.00 | 21.37 -0.11 0.00 | 19.89 -0.10 0.00 |
| NGRID_A1_DSASP 323792 | 19.09 0.56 0.00 | 17.46 0.48 0.00 | 15.76 0.34 0.00 | 14.97 0.34 0.00 | 16.16 0.35 0.00 | 18.28 0.29 0.00 | 22.11 -0.02 0.00 | 23.87 -0.91 -0.14 | 22.02 -0.75 -0.13 | 21.06 -0.56 0.00 | 20.39 -0.61 0.00 | 19.98 -0.55 0.00 | 20.00 -0.66 0.00 | 20.65 -0.64 0.00 | 20.87 -0.71 0.00 | 21.08 -0.60 -0.11 | 23.71 -1.14 0.00 | 27.95 -1.37 -0.23 | 30.00 -1.78 0.01 | 29.95 -1.38 0.00 | 26.45 -1.48 0.00 | 22.31 -0.93 0.00 | 20.62 -0.86 0.00 | 19.89 -0.10 0.00 |
| NGRID_A2_DSASP 323793 | 19.09 0.56 0.00 | 17.46 0.48 0.00 | 15.76 0.34 0.00 | 14.97 0.34 0.00 | 16.16 0.35 0.00 | 18.28 0.29 0.00 | 22.11 -0.02 0.00 | 23.87 -0.91 -0.14 | 22.02 -0.75 -0.13 | 21.06 -0.56 0.00 | 20.39 -0.61 0.00 | 19.98 -0.55 0.00 | 20.00 -0.66 0.00 | 20.65 -0.64 0.00 | 20.87 -0.71 0.00 | 21.08 -0.60 -0.11 | 23.71 -1.14 0.00 | 27.95 -1.37 -0.23 | 30.00 -1.78 0.01 | 29.95 -1.38 0.00 | 26.45 -1.48 0.00 | 22.31 -0.93 0.00 | 20.62 -0.86 0.00 | 19.89 -0.10 0.00 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| NGRID_A4_DSASP 323807 | 19.09 0.56 0.00 | 17.47 0.48 0.00 | 15.76 0.34 0.00 | 15.07 0.44 0.00 | 16.19 0.38 0.00 | 18.28 0.29 0.00 | 22.11 -0.02 0.00 | 23.87 -0.91 -0.14 | 22.02 -0.75 -0.13 | 21.08 -0.54 0.00 | 20.39 -0.61 0.00 | 19.83 -0.70 0.00 | 20.00 -0.66 0.00 | 20.65 -0.64 0.00 | 20.92 -0.67 0.00 | 21.08 -0.60 -0.11 | 23.78 -1.07 0.00 | 27.77 -1.51 -0.19 | 29.88 -1.91 0.01 | 29.73 -1.60 0.00 | 26.45 -1.48 0.00 | 22.33 -0.91 0.00 | 20.60 -0.88 0.00 | 19.89 -0.10 0.00 |
| NIAGARA_115E_LBMP 323715 | 19.02 0.48 0.00 | 17.35 0.36 0.00 | 15.64 0.22 0.00 | 14.84 0.20 0.00 | 16.05 0.24 0.00 | 18.13 0.14 0.00 | 22.18 0.04 0.00 | 23.93 -0.86 -0.14 | 22.07 -0.70 -0.13 | 21.12 -0.50 0.00 | 20.46 -0.55 0.00 | 20.02 -0.51 0.00 | 20.04 -0.62 0.00 | 20.71 -0.57 0.00 | 20.94 -0.65 0.00 | 21.11 -0.58 -0.12 | 23.78 -1.07 0.00 | 28.05 -1.28 -0.23 | 30.13 -1.65 0.01 | 30.07 -1.25 0.00 | 26.53 -1.40 0.00 | 22.38 -0.86 0.00 | 20.67 -0.82 0.00 | 19.87 -0.12 0.00 |
| NIAGARA_115W_LBMP 323714 | 19.05 0.52 0.00 | 17.43 0.44 0.00 | 15.73 0.31 0.00 | 14.94 0.31 0.00 | 16.13 0.32 0.00 | 18.24 0.25 0.00 | 22.04 -0.09 0.00 | 23.80 -0.99 -0.14 | 21.95 -0.81 -0.13 | 20.99 -0.63 0.00 | 20.33 -0.67 0.00 | 19.92 -0.62 0.00 | 19.94 -0.72 0.00 | 20.58 -0.70 0.00 | 20.83 -0.76 0.00 | 21.02 -0.67 -0.11 | 23.64 -1.22 0.00 | 27.86 -1.45 -0.22 | 29.91 -1.88 0.01 | 29.85 -1.47 0.00 | 26.37 -1.56 0.00 | 22.24 -1.00 0.00 | 20.56 -0.92 0.00 | 19.83 -0.16 0.00 |
| NIAGARA_230_LBMP 323716 | 19.15 0.61 0.00 | 17.48 0.49 0.00 | 15.78 0.35 0.00 | 14.97 0.34 0.00 | 16.17 0.36 0.00 | 18.30 0.31 0.00 | 22.33 0.20 0.00 | 24.09 -0.69 -0.14 | 22.24 -0.52 -0.13 | 21.27 -0.35 0.00 | 20.60 -0.40 0.00 | 20.18 -0.35 0.00 | 20.21 -0.45 0.00 | 20.86 -0.43 0.00 | 21.09 -0.50 0.00 | 21.28 -0.41 -0.11 | 23.98 -0.87 0.00 | 28.24 -1.08 -0.22 | 30.32 -1.46 0.01 | 30.26 -1.07 0.00 | 26.73 -1.20 0.00 | 22.54 -0.70 0.00 | 20.84 -0.64 0.00 | 20.03 0.04 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 19.05 0.52 0.00 | 17.43 0.44 0.00 | 15.73 0.31 0.00 | 15.06 0.42 0.00 | 16.16 0.35 0.00 | 18.24 0.25 0.00 | 22.04 -0.09 0.00 | 23.80 -0.99 -0.14 | 21.95 -0.81 -0.13 | 21.01 -0.61 0.00 | 20.33 -0.67 0.00 | 19.77 -0.76 0.00 | 19.94 -0.72 0.00 | 20.58 -0.70 0.00 | 20.85 -0.73 0.00 | 21.02 -0.67 -0.11 | 23.71 -1.14 0.00 | 27.71 -1.57 -0.19 | 29.81 -1.97 0.01 | 29.66 -1.66 0.00 | 26.37 -1.56 0.00 | 22.29 -0.95 0.00 | 20.54 -0.95 0.00 | 19.83 -0.16 0.00 |
| NIAGARA____ 23760 | 19.15 0.61 0.00 | 17.48 0.49 0.00 | 15.78 0.35 0.00 | 14.97 0.34 0.00 | 16.17 0.36 0.00 | 18.30 0.31 0.00 | 22.33 0.20 0.00 | 24.10 -0.69 -0.14 | 22.25 -0.52 -0.13 | 21.27 -0.35 0.00 | 20.60 -0.40 0.00 | 20.18 -0.35 0.00 | 20.21 -0.45 0.00 | 20.86 -0.43 0.00 | 21.09 -0.50 0.00 | 21.28 -0.41 -0.11 | 23.98 -0.87 0.00 | 28.24 -1.08 -0.22 | 30.32 -1.46 0.01 | 30.26 -1.07 0.00 | 26.73 -1.20 0.00 | 22.54 -0.70 0.00 | 20.84 -0.64 0.00 | 20.03 0.04 0.00 |
| NINE_MILE_1 23575 | 18.28 -0.26 0.00 | 16.72 -0.27 0.00 | 15.16 -0.26 0.00 | 14.37 -0.26 0.00 | 15.54 -0.27 0.00 | 17.68 -0.31 0.00 | 21.78 -0.35 0.00 | 24.19 -0.54 -0.09 | 22.20 -0.52 -0.08 | 21.12 -0.50 0.00 | 20.48 -0.52 0.00 | 20.02 -0.51 0.00 | 20.12 -0.54 0.00 | 20.75 -0.53 0.00 | 21.05 -0.54 0.00 | 21.03 -0.60 -0.06 | 24.08 -0.77 0.00 | 28.32 -0.90 -0.13 | 30.77 -1.02 0.00 | 30.39 -0.94 0.00 | 27.06 -0.87 0.00 | 22.54 -0.70 0.00 | 20.84 -0.64 0.00 | 19.59 -0.40 0.00 |
| NINE_MILE_2 23744 | 18.28 -0.26 0.00 | 16.72 -0.27 0.00 | 15.16 -0.26 0.00 | 14.37 -0.26 0.00 | 15.54 -0.27 0.00 | 17.68 -0.31 0.00 | 21.78 -0.35 0.00 | 24.19 -0.54 -0.09 | 22.20 -0.52 -0.08 | 21.12 -0.50 0.00 | 20.48 -0.52 0.00 | 20.02 -0.51 0.00 | 20.12 -0.54 0.00 | 20.75 -0.53 0.00 | 21.05 -0.54 0.00 | 21.03 -0.60 -0.06 | 24.08 -0.77 0.00 | 28.32 -0.90 -0.13 | 30.80 -0.99 0.00 | 30.39 -0.94 0.00 | 27.06 -0.87 0.00 | 22.54 -0.70 0.00 | 20.84 -0.64 0.00 | 19.59 -0.40 0.00 |
| NM_CAPITAL____DRP 24208 | 18.98 0.44 0.00 | 17.47 0.48 0.00 | 15.93 0.51 0.00 | 15.09 0.45 0.00 | 16.25 0.44 0.00 | 18.51 0.52 0.00 | 22.68 0.55 0.00 | 26.90 0.76 -1.49 | 24.65 0.63 -1.38 | 22.20 0.58 0.00 | 21.49 0.48 0.00 | 21.05 0.51 0.00 | 21.22 0.56 0.00 | 21.82 0.53 0.00 | 22.17 0.58 0.00 | 23.32 0.69 -1.06 | 25.60 0.75 0.00 | 32.18 1.02 -2.07 | 32.93 1.14 0.00 | 32.39 1.07 0.00 | 28.88 0.95 0.00 | 23.94 0.70 0.00 | 22.06 0.58 0.00 | 20.31 0.32 0.00 |
| NM_CENTRAL____DRP 24181 | 18.66 0.13 0.00 | 17.07 0.08 0.00 | 15.47 0.05 0.00 | 14.66 0.03 0.00 | 15.87 0.06 0.00 | 18.03 0.04 0.00 | 22.29 0.15 0.00 | 24.74 -0.02 -0.12 | 22.70 -0.05 -0.11 | 21.55 -0.06 0.00 | 20.90 -0.11 0.00 | 20.41 -0.12 0.00 | 20.54 -0.12 0.00 | 21.18 -0.11 0.00 | 21.41 -0.17 0.00 | 21.51 -0.15 -0.08 | 24.63 -0.22 0.00 | 28.97 -0.29 -0.17 | 31.44 -0.35 0.00 | 31.04 -0.28 0.00 | 27.68 -0.25 0.00 | 23.08 -0.16 0.00 | 21.33 -0.15 0.00 | 19.97 -0.02 0.00 |
| NM_FRONTIER____DRP 24179 | 19.05 0.52 0.00 | 17.43 0.44 0.00 | 15.73 0.31 0.00 | 15.06 0.42 0.00 | 16.16 0.35 0.00 | 18.24 0.25 0.00 | 22.04 -0.09 0.00 | 23.80 -0.99 -0.14 | 21.95 -0.81 -0.13 | 21.01 -0.61 0.00 | 20.33 -0.67 0.00 | 19.77 -0.76 0.00 | 19.94 -0.72 0.00 | 20.58 -0.70 0.00 | 20.85 -0.73 0.00 | 21.02 -0.67 -0.11 | 23.71 -1.14 0.00 | 27.71 -1.57 -0.19 | 29.81 -1.97 0.01 | 29.66 -1.66 0.00 | 26.37 -1.56 0.00 | 22.29 -0.95 0.00 | 20.54 -0.95 0.00 | 19.83 -0.16 0.00 |
| NM_ST_REGIS____HYD 24053 | 18.03 -0.50 0.00 | 16.57 -0.42 0.00 | 15.02 -0.40 0.00 | 14.36 -0.28 0.00 | 15.51 -0.30 0.00 | 17.58 -0.41 0.00 | 21.38 -0.75 0.00 | 23.81 -0.84 0.00 | 21.89 -0.75 0.00 | 20.80 -0.82 0.00 | 20.25 -0.76 0.00 | 19.75 -0.78 0.00 | 19.88 -0.79 0.00 | 20.52 -0.77 0.00 | 20.81 -0.78 0.00 | 20.73 -0.84 0.00 | 23.91 -0.94 0.00 | 28.05 -1.05 0.00 | 30.90 -0.89 0.00 | 30.45 -0.88 0.00 | 27.32 -0.61 0.00 | 22.87 -0.37 0.00 | 21.18 -0.30 0.00 | 19.77 -0.22 0.00 |
| NORTHPORT____1 23551 | 20.05 1.50 -0.02 | 18.28 1.29 0.00 | 16.52 1.10 0.00 | 15.67 1.04 0.00 | 16.90 1.09 0.00 | 19.40 1.40 -0.01 | 23.77 1.64 0.00 | 28.02 2.14 -1.23 | 26.00 2.22 -1.14 | 23.82 2.21 0.00 | 24.40 1.91 -1.49 | 24.86 1.91 -2.42 | 25.27 1.90 -2.71 | 26.47 1.96 -3.23 | 29.58 2.16 -5.84 | 32.99 2.14 -9.28 | 46.33 2.41 -19.06 | 51.16 2.65 -19.42 | 52.33 2.80 -17.74 | 50.55 2.63 -16.59 | 33.96 2.43 -3.60 | 32.01 2.00 -6.77 | 26.06 1.80 -2.77 | 21.34 1.34 -0.01 |
| NORTHPORT____2 23552 | 20.05 1.50 -0.02 | 18.28 1.29 0.00 | 16.52 1.10 0.00 | 15.67 1.04 0.00 | 16.90 1.09 0.00 | 19.40 1.40 -0.01 | 23.77 1.64 0.00 | 28.02 2.14 -1.23 | 26.00 2.22 -1.14 | 23.82 2.21 0.00 | 24.40 1.91 -1.49 | 24.86 1.91 -2.42 | 25.27 1.90 -2.71 | 26.47 1.96 -3.23 | 29.58 2.16 -5.84 | 32.99 2.14 -9.28 | 46.33 2.41 -19.06 | 51.16 2.65 -19.42 | 52.33 2.80 -17.74 | 50.55 2.63 -16.59 | 33.96 2.43 -3.60 | 32.01 2.00 -6.77 | 26.06 1.80 -2.77 | 21.34 1.34 -0.01 |
| NORTHPORT____3 23553 | 20.19 1.63 -0.03 | 18.46 1.46 -0.01 | 16.69 1.26 0.00 | 15.86 1.21 -0.01 | 17.08 1.27 -0.01 | 19.57 1.56 -0.02 | 24.02 1.88 -0.01 | 28.27 2.39 -1.24 | 26.18 2.40 -1.15 | 24.07 2.44 -0.01 | 24.64 2.14 -1.50 | 25.09 2.14 -2.43 | 25.51 2.13 -2.72 | 26.69 2.17 -3.24 | 29.78 2.35 -5.84 | 33.23 2.37 -9.29 | 46.63 2.71 -19.07 | 51.58 3.05 -19.43 | 52.75 3.21 -17.75 | 51.00 3.07 -16.60 | 34.25 2.71 -3.61 | 32.25 2.23 -6.78 | 26.24 1.98 -2.78 | 21.55 1.54 -0.02 |

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| NORTHPORT___4 23650 | 20.19 1.63 -0.03 | 18.46 1.46 -0.01 | 16.69 1.26 0.00 | 15.86 1.21 -0.01 | 17.08 1.27 -0.01 | 19.57 1.56 -0.02 | 24.02 1.88 -0.01 | 28.27 2.39 -1.24 | 26.18 2.40 -1.15 | 24.07 2.44 -0.01 | 24.64 2.14 -1.50 | 25.09 2.14 -2.43 | 25.51 2.13 -2.72 | 26.69 2.17 -3.24 | 29.78 2.35 -5.84 | 33.23 2.37 -9.29 | 46.63 2.71 -19.07 | 51.58 3.05 -19.43 | 52.75 3.21 -17.75 | 51.00 3.07 -16.60 | 34.25 2.71 -3.61 | 32.25 2.23 -6.78 | 26.24 1.98 -2.78 | 21.55 1.54 -0.02 |
| NORTHPORT___IC 23718 | 20.05 1.50 -0.02 | 18.28 1.29 0.00 | 16.52 1.10 0.00 | 15.67 1.04 0.00 | 16.90 1.09 0.00 | 19.40 1.40 -0.01 | 23.77 1.64 0.00 | 28.02 2.14 -1.23 | 26.00 2.22 -1.14 | 23.82 2.21 0.00 | 24.40 1.91 -1.49 | 24.86 1.91 -2.42 | 25.27 1.90 -2.71 | 26.47 1.96 -3.23 | 29.58 2.16 -5.84 | 32.99 2.14 -9.28 | 46.33 2.41 -19.06 | 51.16 2.65 -19.42 | 52.33 2.80 -17.74 | 50.55 2.63 -16.59 | 33.96 2.43 -3.60 | 32.01 2.00 -6.77 | 26.06 1.80 -2.77 | 21.34 1.34 -0.01 |
| NORTH___COUNTRY_ESR 323785 | 18.15 -0.39 0.00 | 16.67 -0.32 0.00 | 15.10 -0.32 0.00 | 14.41 -0.22 0.00 | 15.57 -0.24 0.00 | 17.70 -0.29 0.00 | 21.42 -0.71 0.00 | 24.08 -0.57 0.00 | 22.23 -0.41 0.00 | 21.25 -0.37 0.00 | 20.75 -0.25 0.00 | 20.20 -0.33 0.00 | 20.39 -0.27 0.00 | 21.05 -0.23 0.00 | 21.26 -0.32 0.00 | 21.29 -0.28 0.00 | 24.53 -0.32 0.00 | 28.80 -0.29 0.00 | 31.89 0.10 0.00 | 31.32 0.00 0.00 | 27.90 -0.03 0.00 | 23.17 -0.07 0.00 | 21.55 0.06 0.00 | 19.95 -0.04 0.00 |
| NPX_GEN_1385_PROXY 323591 | 19.94 1.39 -0.02 | 18.18 1.19 0.00 | 16.53 1.11 0.00 | 15.58 0.95 0.00 | 16.81 1.00 0.00 | 19.26 1.26 -0.01 | 23.48 1.35 0.00 | 27.28 1.40 -1.23 | 25.41 1.63 -1.14 | 23.00 1.47 0.09 | 22.00 1.05 0.05 | 21.80 1.07 -0.20 | 21.80 1.09 -0.05 | 22.40 1.08 -0.03 | 22.20 1.27 0.66 | 25.25 1.32 -2.36 | 30.00 1.47 -3.68 | 38.50 1.57 -7.84 | 39.50 1.68 -6.03 | 38.22 1.50 -5.39 | 32.64 1.42 -3.29 | 27.60 1.12 -3.24 | 25.22 0.97 -2.77 | 21.04 1.04 -0.01 |
| NPX_GEN_CSC 323557 | 20.54 1.98 -0.02 | 18.71 1.72 0.00 | 16.84 1.42 0.00 | 16.03 1.39 0.00 | 17.28 1.47 0.00 | 19.87 1.87 -0.01 | 24.30 2.17 0.00 | 28.78 2.91 -1.23 | 26.68 2.90 -1.14 | 24.47 2.85 0.00 | 25.03 2.54 -1.49 | 25.48 2.52 -2.42 | 25.85 2.48 -2.71 | 27.09 2.57 -3.23 | 30.23 2.81 -5.84 | 33.72 2.87 -9.28 | 48.27 3.31 -20.11 | 92.23 3.75 -59.38 | 53.54 4.01 -17.75 | 51.78 3.85 -16.60 | 50.92 3.43 -19.56 | 32.80 2.79 -6.77 | 26.74 2.49 -2.77 | 21.86 1.86 -0.01 |
| NSINS_S_GLNS_FALLS 23858 | 19.87 1.33 0.00 | 18.18 1.19 0.00 | 16.49 1.06 0.00 | 15.63 1.00 0.00 | 16.93 1.12 0.00 | 19.34 1.35 0.00 | 23.92 1.79 0.00 | 28.17 2.00 -1.53 | 25.79 1.74 -1.41 | 23.22 1.60 0.00 | 22.43 1.43 0.00 | 21.93 1.40 0.00 | 22.17 1.51 0.00 | 22.80 1.51 0.00 | 22.58 0.99 0.00 | 23.54 0.88 -1.08 | 25.67 0.82 0.00 | 32.58 1.37 -2.12 | 33.51 1.72 0.00 | 33.14 1.82 0.00 | 29.72 1.79 0.00 | 24.54 1.30 0.00 | 23.05 1.57 0.00 | 21.27 1.28 0.00 |
| NUCOR_STEEL___DRP 24197 | 18.98 0.44 0.00 | 17.36 0.37 0.00 | 15.73 0.31 0.00 | 14.90 0.26 0.00 | 16.13 0.32 0.00 | 18.31 0.32 0.00 | 22.64 0.51 0.00 | 25.17 0.37 -0.15 | 23.05 0.27 -0.14 | 21.88 0.26 0.00 | 21.19 0.19 0.00 | 20.68 0.14 0.00 | 20.81 0.14 0.00 | 21.46 0.17 0.00 | 21.72 0.13 0.00 | 21.88 0.19 -0.11 | 25.05 0.20 0.00 | 29.58 0.26 -0.22 | 31.98 0.19 0.00 | 31.64 0.31 0.00 | 28.24 0.31 0.00 | 23.54 0.30 0.00 | 21.74 0.26 0.00 | 20.29 0.30 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 18.39 -0.15 0.00 | 16.91 -0.08 0.00 | 15.41 -0.02 0.00 | 14.76 0.13 0.00 | 16.00 0.19 0.00 | 18.24 0.25 0.00 | 22.53 0.40 0.00 | 24.99 0.30 -0.05 | 22.84 0.16 -0.05 | 21.64 0.02 0.00 | 20.94 -0.06 0.00 | 20.43 -0.10 0.00 | 20.52 -0.14 0.00 | 21.16 -0.13 0.00 | 21.48 -0.11 0.00 | 21.54 -0.06 -0.04 | 24.88 0.02 0.00 | 29.23 0.06 -0.07 | 32.08 0.29 0.00 | 31.67 0.35 0.00 | 28.27 0.34 0.00 | 23.57 0.33 0.00 | 21.74 0.26 0.00 | 20.21 0.22 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 18.54 0.00 0.00 | 16.99 0.00 0.00 | 15.42 0.00 0.00 | 14.63 0.00 0.00 | 15.81 0.00 0.00 | 17.99 0.00 0.00 | 22.13 0.00 0.00 | 24.65 0.00 0.00 | 22.64 0.00 0.00 | 21.62 0.00 0.00 | 21.00 0.00 0.00 | 20.53 0.00 0.00 | 20.66 0.00 0.00 | 21.29 0.00 0.00 | 21.59 0.00 0.00 | 21.57 0.00 0.00 | 24.85 0.00 0.00 | 29.09 0.00 0.00 | 31.79 0.00 0.00 | 31.32 0.00 0.00 | 27.93 0.00 0.00 | 23.24 0.00 0.00 | 21.48 0.00 0.00 | 19.99 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 20.35 1.80 -0.02 | 18.54 1.55 0.00 | 16.72 1.30 0.00 | 15.89 1.26 0.00 | 17.14 1.33 0.00 | 19.67 1.67 -0.01 | 24.10 1.97 0.00 | 28.46 2.59 -1.23 | 26.38 2.60 -1.14 | 24.21 2.59 0.00 | 24.78 2.29 -1.49 | 25.23 2.28 -2.42 | 25.64 2.27 -2.71 | 26.86 2.34 -3.23 | 29.99 2.57 -5.84 | 33.44 2.59 -9.28 | 47.11 2.98 -19.27 | 59.60 3.14 -27.36 | 52.87 3.34 -17.74 | 51.12 3.20 -16.60 | 37.77 3.07 -6.77 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.68 1.68 -0.01 |
| NYPA_GOWANUS___GT5 24156 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NYPA_GOWANUS___GT6 24157 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.72 0.90 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.62 1.75 -1.23 | 25.56 1.79 -1.14 | 23.51 1.88 -0.01 | 22.67 1.66 -0.01 | 22.22 1.68 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.30 1.94 -7.77 | 31.30 2.01 -7.72 | 34.21 2.34 -7.02 | 35.21 2.56 -3.55 | 34.43 2.64 -0.01 | 33.81 2.47 -0.01 | 30.03 2.10 -0.01 | 24.94 1.70 0.00 | 22.91 1.42 -0.01 | 20.93 0.94 0.00 |
| NYPA_HARLEM__RVR_GT1 24160 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.70 0.88 -0.01 | 18.93 0.93 0.00 | 23.27 1.15 0.01 | 27.49 1.63 -1.22 | 25.44 1.68 -1.12 | 23.38 1.77 0.01 | 22.56 1.55 -0.01 | 22.10 1.56 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.39 1.79 -0.01 | 24.31 1.86 -0.88 | 27.00 2.14 -0.01 | 33.03 2.30 -1.64 | 34.15 2.35 -0.01 | 33.49 2.16 -0.01 | 29.81 1.87 -0.01 | 24.82 1.58 0.00 | 22.84 1.35 -0.01 | 20.81 0.82 0.00 |
| NYPA_HARLEM__RVR_GT2 24161 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.70 0.88 -0.01 | 18.93 0.93 0.00 | 23.27 1.15 0.01 | 27.49 1.63 -1.22 | 25.44 1.68 -1.12 | 23.38 1.77 0.01 | 22.56 1.55 -0.01 | 22.10 1.56 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.39 1.79 -0.01 | 24.31 1.86 -0.88 | 27.00 2.14 -0.01 | 33.03 2.30 -1.64 | 34.15 2.35 -0.01 | 33.49 2.16 -0.01 | 29.81 1.87 -0.01 | 24.82 1.58 0.00 | 22.84 1.35 -0.01 | 20.81 0.82 0.00 |
| NYPA_KENT___GT 24152 | 19.61 1.07 0.00 | 17.96 0.97 0.00 | 16.34 0.91 -0.01 | 15.52 0.88 -0.01 | 16.70 0.88 -0.01 | 18.96 0.97 0.00 | 23.39 1.26 0.00 | 27.60 1.72 -1.23 | 25.56 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.20 1.66 -0.01 | 22.36 1.69 -0.01 | 23.02 1.72 -0.01 | 31.28 1.92 -7.77 | 31.28 1.98 -7.72 | 34.16 2.28 -7.02 | 35.15 2.50 -3.55 | 34.41 2.61 -0.01 | 33.74 2.41 -0.01 | 30.00 2.07 -0.01 | 24.94 1.70 0.00 | 22.88 1.40 -0.01 | 20.91 0.92 0.00 |

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|-------------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| NYPA_POUCH1____GT 24155 | 19.65 1.11 0.00 | 17.99 1.00 0.00 | 16.37 0.94 -0.01 | 15.55 0.91 -0.01 | 16.74 0.92 -0.01 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.65 1.78 -1.23 | 25.59 1.81 -1.14 | 23.53 1.90 -0.01 | 22.69 1.68 -0.01 | 22.24 1.70 -0.01 | 22.40 1.74 -0.01 | 23.06 1.77 -0.01 | 31.32 1.96 -7.77 | 31.35 2.05 -7.72 | 34.23 2.36 -7.02 | 35.27 2.62 -3.55 | 34.50 2.70 -0.01 | 33.84 2.51 -0.01 | 30.06 2.12 -0.01 | 24.96 1.72 0.00 | 22.93 1.44 -0.01 | 20.95 0.96 0.00 |
| NYPA_VERNON____GT2 24162 | 19.55 1.02 0.00 | 17.92 0.93 0.00 | 16.31 0.88 -0.01 | 15.50 0.86 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.24 1.88 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.09 2.44 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.87 1.38 -0.01 | 20.89 0.90 0.00 |
| NYPA_VERNON____GT3 24163 | 19.55 1.02 0.00 | 17.92 0.93 0.00 | 16.31 0.88 -0.01 | 15.50 0.86 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.24 1.88 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.09 2.44 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.87 1.38 -0.01 | 20.89 0.90 0.00 |
| NYPA____ASTORIA_CC1 323568 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.50 0.86 -0.01 | 16.69 0.87 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.26 1.90 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.06 2.41 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.88 1.40 -0.01 | 20.89 0.90 0.00 |
| NYPA____ASTORIA_CC2 323569 | 19.57 1.04 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.50 0.86 -0.01 | 16.69 0.87 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.26 1.90 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.06 2.41 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.88 1.40 -0.01 | 20.89 0.90 0.00 |
| NYPA____HOLTSVILL 23794 | 20.33 1.78 -0.02 | 18.52 1.53 0.00 | 16.70 1.28 0.00 | 15.88 1.24 0.00 | 17.12 1.31 0.00 | 19.67 1.67 -0.01 | 24.08 1.95 0.00 | 28.46 2.59 -1.23 | 26.36 2.58 -1.14 | 24.19 2.57 0.00 | 24.76 2.27 -1.49 | 25.21 2.26 -2.42 | 25.62 2.25 -2.71 | 26.83 2.32 -3.23 | 29.95 2.52 -5.84 | 33.44 2.59 -9.28 | 47.90 2.96 -20.09 | 91.03 3.32 -58.62 | 53.07 3.53 -17.75 | 51.31 3.38 -16.60 | 50.23 3.04 -19.26 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.64 1.64 -0.01 |
| NYPA____HELLGATE_GT1 24158 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.70 0.88 -0.01 | 18.93 0.93 0.00 | 23.27 1.15 0.01 | 27.49 1.63 -1.22 | 25.44 1.68 -1.12 | 23.38 1.77 0.01 | 22.56 1.55 -0.01 | 22.10 1.56 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.39 1.79 -0.01 | 24.31 1.86 -0.88 | 27.00 2.14 -0.01 | 33.03 2.30 -1.64 | 34.15 2.35 -0.01 | 33.49 2.16 -0.01 | 29.81 1.87 -0.01 | 24.82 1.58 0.00 | 22.84 1.35 -0.01 | 20.81 0.82 0.00 |
| NYPA____HELLGATE_GT2 24159 | 19.54 1.00 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.53 0.89 -0.01 | 16.70 0.88 -0.01 | 18.93 0.93 0.00 | 23.27 1.15 0.01 | 27.49 1.63 -1.22 | 25.44 1.68 -1.12 | 23.38 1.77 0.01 | 22.56 1.55 -0.01 | 22.10 1.56 -0.01 | 22.26 1.59 -0.01 | 22.89 1.60 -0.01 | 23.39 1.79 -0.01 | 24.31 1.86 -0.88 | 27.00 2.14 -0.01 | 33.03 2.30 -1.64 | 34.15 2.35 -0.01 | 33.49 2.16 -0.01 | 29.81 1.87 -0.01 | 24.82 1.58 0.00 | 22.84 1.35 -0.01 | 20.81 0.82 0.00 |
| NYS_BARGE____HYD 23848 | 19.31 0.78 0.00 | 17.60 0.61 0.00 | 15.87 0.45 0.00 | 15.06 0.42 0.00 | 16.28 0.47 0.00 | 18.42 0.43 0.00 | 22.53 0.40 0.00 | 24.32 -0.47 -0.14 | 22.43 -0.34 -0.13 | 21.47 -0.15 0.00 | 20.79 -0.21 0.00 | 20.35 -0.19 0.00 | 20.37 -0.29 0.00 | 21.03 -0.25 0.00 | 21.28 -0.30 0.00 | 21.45 -0.24 -0.11 | 24.21 -0.65 0.00 | 28.54 -0.78 -0.23 | 30.70 -1.08 0.01 | 30.63 -0.69 0.00 | 27.03 -0.89 0.00 | 22.78 -0.46 0.00 | 21.01 -0.47 0.00 | 20.15 0.16 0.00 |
| OAK ORCHARD____HYD 24046 | 19.17 0.63 0.00 | 17.48 0.49 0.00 | 15.81 0.39 0.00 | 14.97 0.34 0.00 | 16.21 0.40 0.00 | 18.39 0.40 0.00 | 22.57 0.44 0.00 | 24.84 0.05 -0.14 | 22.83 0.07 -0.13 | 21.70 0.09 0.00 | 21.02 0.02 0.00 | 20.57 0.04 0.00 | 20.62 -0.04 0.00 | 21.31 0.02 0.00 | 21.61 0.02 0.00 | 21.82 0.15 -0.10 | 24.65 -0.20 0.00 | 29.12 -0.20 -0.23 | 31.41 -0.38 0.00 | 31.23 -0.09 0.00 | 27.60 -0.33 0.00 | 23.13 -0.12 0.00 | 21.33 -0.15 0.00 | 20.21 0.22 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 19.04 0.50 0.00 | 17.40 0.41 0.00 | 15.76 0.34 0.00 | 14.96 0.32 0.00 | 16.16 0.35 0.00 | 18.37 0.38 0.00 | 22.66 0.53 0.00 | 25.58 0.54 -0.39 | 23.47 0.48 -0.36 | 22.09 0.48 0.00 | 21.38 0.38 0.00 | 20.90 0.37 0.00 | 21.01 0.35 0.00 | 21.67 0.38 0.00 | 21.95 0.37 0.00 | 22.26 0.41 -0.28 | 25.40 0.55 0.00 | 30.11 0.47 -0.55 | 32.27 0.48 0.00 | 31.86 0.53 0.00 | 28.40 0.47 0.00 | 23.71 0.46 0.00 | 21.85 0.37 0.00 | 20.35 0.36 0.00 |
| OCC_CHEM____DRP 24175 | 19.09 0.56 0.00 | 17.47 0.48 0.00 | 15.76 0.34 0.00 | 15.07 0.44 0.00 | 16.19 0.38 0.00 | 18.28 0.29 0.00 | 22.11 -0.02 0.00 | 23.87 -0.91 -0.14 | 22.02 -0.75 -0.13 | 21.08 -0.54 0.00 | 20.39 -0.61 0.00 | 19.83 -0.70 0.00 | 20.00 -0.66 0.00 | 20.65 -0.64 0.00 | 20.92 -0.67 0.00 | 21.08 -0.60 -0.11 | 23.78 -1.07 0.00 | 27.77 -1.51 -0.19 | 29.88 -1.91 0.01 | 29.73 -1.60 0.00 | 26.45 -1.48 0.00 | 22.33 -0.91 0.00 | 20.60 -0.88 0.00 | 19.89 -0.10 0.00 |
| OH_GEN_PROXY 24063 | 19.15 0.61 0.00 | 17.46 0.48 0.00 | 15.76 0.34 0.00 | 14.95 0.32 0.00 | 16.16 0.35 0.00 | 18.28 0.29 0.00 | 22.33 0.20 0.00 | 24.15 -0.64 -0.14 | 22.27 -0.50 -0.13 | 21.31 -0.30 0.00 | 20.65 -0.36 0.00 | 20.20 -0.33 0.00 | 20.23 -0.43 0.00 | 20.90 -0.38 0.00 | 21.13 -0.45 0.00 | 21.30 -0.39 -0.11 | 24.03 -0.82 0.00 | 28.30 -1.02 -0.22 | 30.42 -1.37 0.01 | 30.32 -1.00 0.00 | 26.81 -1.12 0.00 | 22.59 -0.65 0.00 | 20.88 -0.60 0.00 | 20.03 0.04 0.00 |
| OLIN_CORP_DRP 24177 | 19.05 0.52 0.00 | 17.38 0.39 0.00 | 15.67 0.25 0.00 | 14.94 0.31 0.00 | 16.11 0.30 0.00 | 18.17 0.18 0.00 | 22.22 0.09 0.00 | 23.98 -0.81 -0.14 | 22.11 -0.66 -0.13 | 21.19 -0.43 0.00 | 20.50 -0.50 0.00 | 19.92 -0.62 0.00 | 20.08 -0.58 0.00 | 20.75 -0.53 0.00 | 21.00 -0.58 0.00 | 21.15 -0.54 -0.12 | 23.91 -0.94 0.00 | 27.95 -1.34 -0.19 | 30.10 -1.68 0.01 | 29.95 -1.38 0.00 | 26.62 -1.31 0.00 | 22.47 -0.77 0.00 | 20.71 -0.77 0.00 | 19.91 -0.08 0.00 |
| OLIN_CORP_DSASP 323712 | 19.09 0.56 0.00 | 17.46 0.48 0.00 | 15.76 0.34 0.00 | 14.97 0.34 0.00 | 16.16 0.35 0.00 | 18.28 0.29 0.00 | 22.11 -0.02 0.00 | 23.87 -0.91 -0.14 | 22.02 -0.75 -0.13 | 21.06 -0.56 0.00 | 20.39 -0.61 0.00 | 19.98 -0.55 0.00 | 20.00 -0.66 0.00 | 20.65 -0.64 0.00 | 20.87 -0.71 0.00 | 21.08 -0.60 -0.11 | 23.71 -1.14 0.00 | 27.95 -1.37 -0.23 | 30.00 -1.78 0.01 | 29.95 -1.38 0.00 | 26.45 -1.48 0.00 | 22.31 -0.93 0.00 | 20.62 -0.86 0.00 | 19.89 -0.10 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ONEIDA_HERK_LFGE 323681 | 18.76 0.22 0.00 | 17.21 0.22 0.00 | 15.65 0.23 0.00 | 14.88 0.25 0.00 | 16.13 0.32 0.00 | 18.39 0.40 0.00 | 22.71 0.57 0.00 | 25.16 0.47 -0.04 | 23.04 0.36 -0.04 | 21.90 0.28 0.00 | 21.19 0.19 0.00 | 20.70 0.16 0.00 | 20.79 0.12 0.00 | 21.44 0.15 0.00 | 21.76 0.17 0.00 | 21.80 0.19 -0.03 | 25.15 0.30 0.00 | 29.51 0.35 -0.06 | 32.33 0.54 0.00 | 31.89 0.56 0.00 | 28.43 0.50 0.00 | 23.68 0.44 0.00 | 21.82 0.34 0.00 | 20.33 0.34 0.00 |
| ONEIDA___115KV_TB4 55905 | 19.07 0.54 0.00 | 17.48 0.49 0.00 | 15.85 0.43 0.00 | 15.03 0.40 0.00 | 16.28 0.47 0.00 | 18.55 0.56 0.00 | 22.93 0.80 0.00 | 25.41 0.69 -0.08 | 23.27 0.57 -0.07 | 22.09 0.48 0.00 | 21.38 0.38 0.00 | 20.86 0.33 0.00 | 20.97 0.31 0.00 | 21.63 0.34 0.00 | 21.93 0.35 0.00 | 22.02 0.39 -0.05 | 25.37 0.52 0.00 | 29.76 0.55 -0.11 | 32.49 0.70 0.00 | 32.04 0.72 0.00 | 28.57 0.64 0.00 | 23.82 0.58 0.00 | 21.95 0.47 0.00 | 20.49 0.50 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 18.74 0.20 0.00 | 17.14 0.15 0.00 | 15.53 0.11 0.00 | 14.72 0.09 0.00 | 15.92 0.11 0.00 | 18.10 0.11 0.00 | 22.37 0.24 0.00 | 24.89 0.10 -0.14 | 22.81 0.05 -0.13 | 21.66 0.04 0.00 | 20.98 -0.02 0.00 | 20.49 -0.04 0.00 | 20.62 -0.04 0.00 | 21.26 -0.02 0.00 | 21.50 -0.09 0.00 | 21.61 -0.06 -0.10 | 24.78 -0.07 0.00 | 29.18 -0.12 -0.20 | 31.60 -0.19 0.00 | 31.23 -0.09 0.00 | 27.85 -0.08 0.00 | 23.22 -0.02 0.00 | 21.44 -0.04 0.00 | 20.05 0.06 0.00 |
| ONONDAGA___COGEN 23986 | 18.83 0.30 0.00 | 17.23 0.24 0.00 | 15.61 0.19 0.00 | 14.78 0.15 0.00 | 16.00 0.19 0.00 | 18.19 0.20 0.00 | 22.48 0.35 0.00 | 24.98 0.20 -0.13 | 22.89 0.14 -0.12 | 21.75 0.13 0.00 | 21.07 0.06 0.00 | 20.55 0.02 0.00 | 20.70 0.04 0.00 | 21.33 0.04 0.00 | 21.59 0.00 0.00 | 21.69 0.02 -0.09 | 24.85 0.00 0.00 | 29.28 0.00 -0.19 | 31.73 -0.06 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.31 0.07 0.00 | 21.55 0.06 0.00 | 20.15 0.16 0.00 |
| ONTARIO___LFGE 23819 | 19.22 0.69 0.00 | 17.53 0.54 0.00 | 15.85 0.43 0.00 | 15.01 0.38 0.00 | 16.27 0.46 0.00 | 18.49 0.50 0.00 | 22.93 0.80 0.00 | 25.18 0.37 -0.16 | 23.08 0.29 -0.15 | 21.94 0.32 0.00 | 21.23 0.23 0.00 | 20.74 0.21 0.00 | 20.81 0.15 0.00 | 21.50 0.21 0.00 | 21.82 0.24 0.00 | 21.86 0.17 -0.11 | 25.05 0.20 0.00 | 29.76 0.41 -0.26 | 32.04 0.25 0.00 | 31.79 0.47 0.00 | 28.32 0.39 0.00 | 23.61 0.37 0.00 | 21.70 0.21 0.00 | 20.41 0.42 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 19.41 0.87 0.00 | 17.69 0.70 0.00 | 15.96 0.54 0.00 | 15.15 0.51 0.00 | 16.38 0.57 0.00 | 18.55 0.56 0.00 | 22.79 0.66 0.00 | 24.66 -0.15 -0.16 | 22.70 -0.09 -0.15 | 21.83 0.22 0.00 | 21.13 0.13 0.00 | 20.66 0.12 0.00 | 20.70 0.04 0.00 | 21.39 0.11 0.00 | 21.63 0.04 0.00 | 21.62 -0.09 -0.13 | 24.65 -0.20 0.00 | 29.24 -0.14 -0.29 | 31.47 -0.32 0.00 | 31.36 0.03 0.00 | 27.74 -0.19 0.00 | 23.31 0.07 0.00 | 21.46 -0.02 0.00 | 20.39 0.40 0.00 |
| ORANGEVILLE___ESR 323794 | 19.41 0.87 0.00 | 17.69 0.70 0.00 | 15.96 0.54 0.00 | 15.15 0.51 0.00 | 16.38 0.57 0.00 | 18.55 0.56 0.00 | 22.79 0.66 0.00 | 24.66 -0.15 -0.16 | 22.70 -0.09 -0.15 | 21.83 0.22 0.00 | 21.13 0.13 0.00 | 20.66 0.12 0.00 | 20.70 0.04 0.00 | 21.39 0.11 0.00 | 21.63 0.04 0.00 | 21.62 -0.09 -0.13 | 24.65 -0.20 0.00 | 29.24 -0.14 -0.29 | 31.47 -0.32 0.00 | 31.36 0.03 0.00 | 27.74 -0.19 0.00 | 23.31 0.07 0.00 | 21.46 -0.02 0.00 | 20.39 0.40 0.00 |
| OSWEGATCHIE___HYD 24044 | 18.18 -0.35 0.00 | 16.70 -0.29 0.00 | 15.17 -0.25 0.00 | 14.49 -0.15 0.00 | 15.70 -0.11 0.00 | 17.83 -0.16 0.00 | 21.89 -0.24 0.00 | 24.31 -0.37 -0.04 | 22.26 -0.41 -0.03 | 21.08 -0.54 0.00 | 20.46 -0.55 0.00 | 19.96 -0.57 0.00 | 20.06 -0.60 0.00 | 20.69 -0.60 0.00 | 20.94 -0.65 0.00 | 21.00 -0.60 -0.03 | 24.23 -0.62 0.00 | 28.45 -0.70 -0.05 | 31.25 -0.54 0.00 | 30.86 -0.47 0.00 | 27.62 -0.31 0.00 | 23.13 -0.12 0.00 | 21.44 -0.04 0.00 | 19.89 -0.10 0.00 |
| OSWEGO___5 23606 | 18.39 -0.15 0.00 | 16.84 -0.15 0.00 | 15.27 -0.15 0.00 | 14.47 -0.16 0.00 | 15.65 -0.16 0.00 | 17.79 -0.20 0.00 | 21.93 -0.20 0.00 | 24.38 -0.37 -0.10 | 22.36 -0.36 -0.09 | 21.27 -0.35 0.00 | 20.62 -0.38 0.00 | 20.16 -0.37 0.00 | 20.27 -0.39 0.00 | 20.90 -0.38 0.00 | 21.20 -0.39 0.00 | 21.19 -0.45 -0.07 | 24.28 -0.57 0.00 | 28.57 -0.67 -0.15 | 31.03 -0.76 0.00 | 30.63 -0.69 0.00 | 27.29 -0.64 0.00 | 22.73 -0.51 0.00 | 20.99 -0.49 0.00 | 19.71 -0.28 0.00 |
| OSWEGO___6 23613 | 18.39 -0.15 0.00 | 16.84 -0.15 0.00 | 15.27 -0.15 0.00 | 14.47 -0.16 0.00 | 15.65 -0.16 0.00 | 17.79 -0.20 0.00 | 21.93 -0.20 0.00 | 24.38 -0.37 -0.10 | 22.36 -0.36 -0.09 | 21.27 -0.35 0.00 | 20.62 -0.38 0.00 | 20.16 -0.37 0.00 | 20.27 -0.39 0.00 | 20.90 -0.38 0.00 | 21.20 -0.39 0.00 | 21.19 -0.45 -0.07 | 24.28 -0.57 0.00 | 28.57 -0.67 -0.15 | 31.03 -0.76 0.00 | 30.63 -0.69 0.00 | 27.29 -0.64 0.00 | 22.73 -0.51 0.00 | 20.99 -0.49 0.00 | 19.71 -0.28 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 19.50 0.96 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.31 0.67 0.00 | 16.49 0.68 0.00 | 18.60 0.61 0.00 | 22.68 0.55 0.00 | 24.50 -0.30 -0.14 | 22.59 -0.18 -0.13 | 21.68 0.06 0.00 | 20.98 -0.02 0.00 | 20.37 -0.16 0.00 | 20.56 -0.10 0.00 | 21.22 -0.06 0.00 | 21.50 -0.09 0.00 | 21.58 -0.11 -0.12 | 24.48 -0.37 0.00 | 28.62 -0.67 -0.20 | 30.86 -0.92 0.01 | 30.73 -0.60 0.00 | 27.29 -0.64 0.00 | 22.99 -0.26 0.00 | 21.18 -0.30 0.00 | 20.31 0.32 0.00 |
| OXBOW___ 24026 | 19.33 0.80 0.00 | 17.67 0.68 0.00 | 15.93 0.51 0.00 | 15.13 0.50 0.00 | 16.35 0.54 0.00 | 18.48 0.49 0.00 | 22.44 0.31 0.00 | 24.25 -0.54 -0.14 | 22.36 -0.41 -0.13 | 21.40 -0.22 0.00 | 20.75 -0.25 0.00 | 20.31 -0.23 0.00 | 20.33 -0.33 0.00 | 20.99 -0.30 0.00 | 21.22 -0.37 0.00 | 21.39 -0.30 -0.12 | 24.13 -0.72 0.00 | 28.42 -0.90 -0.23 | 30.58 -1.21 0.01 | 30.51 -0.81 0.00 | 26.95 -0.98 0.00 | 22.68 -0.56 0.00 | 20.95 -0.54 0.00 | 20.15 0.16 0.00 |
| OXY_CHEM_DSASP 323612 | 19.09 0.56 0.00 | 17.47 0.48 0.00 | 15.76 0.34 0.00 | 15.07 0.44 0.00 | 16.19 0.38 0.00 | 18.28 0.29 0.00 | 22.11 -0.02 0.00 | 23.87 -0.91 -0.14 | 22.02 -0.75 -0.13 | 21.08 -0.54 0.00 | 20.39 -0.61 0.00 | 19.83 -0.70 0.00 | 20.00 -0.66 0.00 | 20.65 -0.64 0.00 | 20.92 -0.67 0.00 | 21.08 -0.60 -0.11 | 23.78 -1.07 0.00 | 27.77 -1.51 -0.19 | 29.88 -1.91 0.01 | 29.73 -1.60 0.00 | 26.45 -1.48 0.00 | 22.33 -0.91 0.00 | 20.60 -0.88 0.00 | 19.89 -0.10 0.00 |
| OZONE_PARK_ESR 323760 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.33 0.91 0.00 | 15.50 0.86 0.00 | 16.66 0.85 0.00 | 19.02 1.03 0.00 | 23.48 1.35 0.00 | 27.70 1.82 -1.23 | 25.65 1.88 -1.13 | 23.54 1.92 0.00 | 22.72 1.72 0.00 | 22.32 1.79 0.00 | 22.44 1.78 0.00 | 23.07 1.79 0.00 | 23.53 1.94 0.00 | 24.60 2.16 -0.87 | 27.26 2.41 0.00 | 33.43 2.71 -1.63 | 34.56 2.77 0.00 | 33.92 2.60 0.00 | 30.14 2.21 0.00 | 25.01 1.77 0.00 | 23.03 1.55 0.00 | 20.95 0.96 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 19.09 0.56 0.00 | 17.47 0.48 0.00 | 15.76 0.34 0.00 | 15.07 0.44 0.00 | 16.19 0.38 0.00 | 18.28 0.29 0.00 | 22.11 -0.02 0.00 | 23.87 -0.91 -0.14 | 22.02 -0.75 -0.13 | 21.08 -0.54 0.00 | 20.39 -0.61 0.00 | 19.83 -0.70 0.00 | 20.00 -0.66 0.00 | 20.65 -0.64 0.00 | 20.92 -0.67 0.00 | 21.08 -0.60 -0.11 | 23.78 -1.07 0.00 | 27.77 -1.51 -0.19 | 29.88 -1.91 0.01 | 29.73 -1.60 0.00 | 26.45 -1.48 0.00 | 22.33 -0.91 0.00 | 20.60 -0.88 0.00 | 19.89 -0.10 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| PACKARD__115KV_DUPONT_184 80571 | 19.09 0.56 0.00 | 17.47 0.48 0.00 | 15.76 0.34 0.00 | 15.07 0.44 0.00 | 16.19 0.38 0.00 | 18.28 0.29 0.00 | 22.11 -0.02 0.00 | 23.87 -0.91 -0.14 | 22.02 -0.75 -0.13 | 21.08 -0.54 0.00 | 20.39 -0.61 0.00 | 19.83 -0.70 0.00 | 20.00 -0.66 0.00 | 20.65 -0.64 0.00 | 20.92 -0.67 0.00 | 21.08 -0.60 -0.11 | 23.78 -1.07 0.00 | 27.77 -1.51 -0.19 | 29.88 -1.91 0.01 | 29.73 -1.60 0.00 | 26.45 -1.48 0.00 | 22.33 -0.91 0.00 | 20.60 -0.88 0.00 | 19.89 -0.10 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 19.54 1.00 0.00 | 17.94 0.95 0.00 | 16.32 0.89 -0.01 | 15.50 0.86 -0.01 | 16.69 0.87 -0.01 | 18.91 0.92 0.00 | 23.28 1.15 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.12 | 23.36 1.75 0.01 | 22.56 1.55 -0.01 | 22.16 1.62 -0.01 | 22.26 1.59 -0.01 | 22.91 1.62 -0.01 | 23.36 1.77 -0.01 | 24.41 1.96 -0.88 | 27.05 2.19 -0.01 | 33.18 2.44 -1.64 | 34.31 2.51 -0.01 | 33.68 2.35 -0.01 | 29.92 1.98 -0.01 | 24.84 1.60 0.00 | 22.95 1.46 -0.01 | 20.81 0.82 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 19.76 1.22 0.00 | 18.15 1.16 0.00 | 16.51 1.08 -0.01 | 15.67 1.02 -0.01 | 16.86 1.04 -0.01 | 19.11 1.12 0.00 | 23.55 1.42 0.00 | 27.67 1.80 -1.23 | 25.59 1.83 -1.12 | 23.49 1.88 0.01 | 22.71 1.70 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 23.47 1.88 -0.01 | 24.54 2.09 -0.88 | 27.20 2.34 -0.01 | 33.35 2.62 -1.64 | 34.50 2.70 -0.01 | 33.87 2.54 -0.01 | 30.09 2.15 -0.01 | 24.98 1.74 0.00 | 23.08 1.59 -0.01 | 21.03 1.04 0.00 |
| PATROON__115KV_TB1 80586 | 18.98 0.44 0.00 | 17.47 0.48 0.00 | 15.91 0.49 0.00 | 15.09 0.45 0.00 | 16.25 0.44 0.00 | 18.49 0.50 0.00 | 22.71 0.58 0.00 | 26.89 0.74 -1.50 | 24.66 0.63 -1.39 | 22.20 0.58 0.00 | 21.49 0.48 0.00 | 21.05 0.51 0.00 | 21.22 0.56 0.00 | 21.82 0.53 0.00 | 22.17 0.58 0.00 | 23.33 0.69 -1.06 | 25.57 0.72 0.00 | 32.19 1.02 -2.08 | 32.93 1.14 0.00 | 32.42 1.10 0.00 | 28.91 0.98 0.00 | 23.94 0.70 0.00 | 22.06 0.58 0.00 | 20.31 0.32 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 19.44 0.91 0.00 | 17.69 0.70 0.00 | 15.95 0.52 0.00 | 15.20 0.57 0.00 | 16.40 0.58 0.00 | 18.53 0.54 0.00 | 22.77 0.64 0.00 | 24.48 -0.32 -0.15 | 22.48 -0.29 -0.14 | 21.94 0.32 0.00 | 21.21 0.21 0.00 | 20.61 0.08 0.00 | 20.78 0.12 0.00 | 21.48 0.19 0.00 | 21.74 0.15 0.00 | 21.37 -0.32 -0.12 | 24.80 -0.05 0.00 | 28.96 -0.35 -0.21 | 31.40 -0.38 0.01 | 31.23 -0.09 0.00 | 27.71 -0.22 0.00 | 23.31 0.07 0.00 | 21.44 -0.04 0.00 | 20.35 0.36 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 19.74 1.20 0.00 | 18.09 1.10 0.00 | 16.35 0.93 0.00 | 15.50 0.86 0.00 | 16.73 0.92 0.00 | 19.00 1.01 0.00 | 23.41 1.28 0.00 | 27.52 1.63 -1.24 | 25.37 1.58 -1.15 | 23.33 1.71 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.86 1.58 0.00 | 23.29 1.71 0.00 | 24.40 1.94 -0.88 | 26.96 2.11 0.00 | 33.29 2.53 -1.66 | 34.52 2.73 0.00 | 33.96 2.63 0.00 | 30.16 2.23 0.00 | 25.05 1.81 0.00 | 23.03 1.55 0.00 | 21.07 1.08 0.00 |
| PEEKSKILL____ 23653 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.19 0.77 0.00 | 15.36 0.73 0.00 | 16.55 0.74 0.00 | 18.85 0.86 0.00 | 23.24 1.11 0.00 | 27.34 1.48 -1.21 | 25.23 1.47 -1.12 | 23.15 1.54 0.00 | 22.37 1.36 0.00 | 21.91 1.38 0.00 | 22.07 1.41 0.00 | 22.71 1.43 0.00 | 23.18 1.60 0.00 | 24.12 1.68 -0.86 | 26.72 1.86 0.00 | 32.79 2.10 -1.60 | 33.98 2.19 0.00 | 33.36 2.03 0.00 | 29.69 1.76 0.00 | 24.71 1.47 0.00 | 22.66 1.18 0.00 | 20.79 0.80 0.00 |
| PGE MADISON__WINDPWR 24146 | 20.17 1.63 0.00 | 18.47 1.48 0.00 | 16.72 1.30 0.00 | 15.79 1.16 0.00 | 17.17 1.36 0.00 | 19.59 1.60 0.00 | 24.41 2.28 0.00 | 27.32 2.29 -0.38 | 24.84 1.86 -0.35 | 23.15 1.54 0.00 | 22.24 1.24 0.00 | 21.66 1.13 0.00 | 21.69 1.03 0.00 | 22.39 1.11 0.00 | 22.75 1.16 0.00 | 23.14 1.29 -0.27 | 26.64 1.79 0.00 | 31.79 2.15 -0.54 | 34.55 2.76 0.00 | 34.17 2.85 0.00 | 30.47 2.54 0.00 | 25.38 2.14 0.00 | 23.24 1.76 0.00 | 21.63 1.64 0.00 |
| PIERCEFIELD__HYD 23852 | 17.98 -0.56 0.00 | 16.50 -0.49 0.00 | 14.97 -0.45 0.00 | 14.30 -0.34 0.00 | 15.46 -0.35 0.00 | 17.51 -0.49 0.00 | 21.29 -0.84 0.00 | 23.66 -0.99 0.00 | 21.73 -0.91 0.00 | 20.60 -1.02 0.00 | 20.06 -0.95 0.00 | 19.57 -0.97 0.00 | 19.71 -0.95 0.00 | 20.33 -0.96 0.00 | 20.62 -0.97 0.00 | 20.54 -1.04 0.00 | 23.68 -1.17 0.00 | 27.78 -1.31 0.00 | 30.55 -1.24 0.00 | 30.13 -1.19 0.00 | 27.06 -0.87 0.00 | 22.73 -0.51 0.00 | 21.07 -0.41 0.00 | 19.69 -0.30 0.00 |
| PINELAWN_CC_1 323563 | 20.20 1.65 -0.02 | 18.42 1.43 0.00 | 16.63 1.20 0.00 | 15.81 1.17 0.00 | 17.05 1.23 0.00 | 19.57 1.56 -0.01 | 23.97 1.84 0.00 | 28.29 2.42 -1.23 | 26.20 2.42 -1.14 | 24.06 2.44 0.00 | 24.64 2.14 -1.49 | 25.09 2.14 -2.42 | 25.50 2.13 -2.71 | 26.71 2.19 -3.23 | 29.84 2.42 -5.84 | 33.31 2.46 -9.28 | 46.83 2.86 -19.12 | 53.81 3.17 -21.55 | 52.90 3.37 -17.74 | 51.15 3.23 -16.60 | 35.26 2.88 -4.45 | 32.36 2.35 -6.77 | 26.32 2.06 -2.77 | 21.54 1.54 -0.01 |
| PJM_GEN_HTP_PROXY 323702 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.22 0.80 0.00 | 15.41 0.78 0.00 | 16.57 0.76 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 33.02 2.30 -1.63 | 34.14 2.35 0.00 | 33.48 2.16 0.00 | 29.80 1.87 0.00 | 24.80 1.56 0.00 | 22.75 1.27 0.00 | 20.81 0.82 0.00 |
| PJM_GEN_KEystone 24065 | 19.24 0.70 0.00 | 17.58 0.59 0.00 | 15.90 0.48 0.00 | 15.10 0.47 0.00 | 16.28 0.47 0.00 | 18.49 0.50 0.00 | 22.75 0.62 0.00 | 25.71 0.39 -0.67 | 23.71 0.45 -0.62 | 22.27 0.65 0.00 | 21.55 0.55 0.00 | 21.09 0.55 0.00 | 21.18 0.52 0.00 | 21.86 0.57 0.00 | 22.19 0.60 0.00 | 22.59 0.54 -0.48 | 25.45 0.60 0.00 | 30.58 0.64 -0.84 | 32.20 0.57 0.16 | 31.79 0.63 0.16 | 28.38 0.45 0.00 | 23.73 0.49 0.00 | 21.82 0.34 0.00 | 20.35 0.36 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 19.89 1.34 -0.02 | 18.16 1.17 0.00 | 16.42 1.00 0.00 | 15.60 0.97 0.00 | 16.81 1.00 0.00 | 19.28 1.28 -0.01 | 23.66 1.53 0.00 | 27.87 2.00 -1.23 | 25.82 2.04 -1.14 | 23.69 2.08 0.00 | 24.28 1.78 -1.49 | 24.74 1.79 -2.42 | 25.17 1.80 -2.71 | 26.34 1.83 -3.23 | 29.43 2.01 -5.84 | 32.90 2.05 -9.28 | 46.23 2.36 -19.02 | 49.41 2.62 -17.70 | 52.29 2.76 -17.74 | 50.52 2.60 -16.59 | 33.13 2.29 -2.91 | 31.89 1.88 -6.77 | 25.88 1.63 -2.77 | 21.22 1.22 -0.01 |
| PJM_GEN_VFT_PROXY 323633 | 19.32 0.80 0.01 | 17.70 0.71 0.01 | 16.15 0.72 0.00 | 15.34 0.70 0.00 | 16.49 0.68 0.00 | 18.80 0.81 0.00 | 23.19 1.06 0.00 | 27.35 1.48 -1.23 | 25.33 1.56 -1.13 | 23.26 1.64 0.00 | 22.43 1.43 0.00 | 21.97 1.44 0.00 | 22.13 1.47 0.00 | 22.77 1.49 0.00 | 23.27 1.68 0.00 | 24.19 1.75 -0.87 | 26.89 2.04 0.00 | 31.81 2.07 -0.65 | 31.60 2.10 2.29 | 30.95 1.94 2.31 | 29.66 1.73 0.00 | 24.66 1.42 0.00 | 22.62 1.14 0.00 | 20.67 0.68 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 18.37 -0.17 0.00 | 16.89 -0.10 0.00 | 15.28 -0.14 0.00 | 14.60 -0.03 0.00 | 15.78 -0.03 0.00 | 17.95 -0.04 0.00 | 21.58 -0.55 0.00 | 24.28 -0.37 0.00 | 22.43 -0.20 0.00 | 21.44 -0.17 0.00 | 20.92 -0.08 0.00 | 20.37 -0.16 0.00 | 20.56 -0.10 0.00 | 21.22 -0.06 0.00 | 21.54 -0.04 0.00 | 21.47 -0.11 0.00 | 24.75 -0.10 0.00 | 29.07 -0.03 0.00 | 32.36 0.57 0.00 | 31.79 0.47 0.00 | 28.29 0.36 0.00 | 23.50 0.26 0.00 | 21.70 0.21 0.00 | 20.19 0.20 0.00 |

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| PLEASANTVLY___LBMP 24000 | 19.39 0.85 0.00 | 17.77 0.78 0.00 | 16.15 0.72 0.00 | 15.31 0.67 0.00 | 16.51 0.70 0.00 | 18.82 0.83 0.00 | 23.17 1.04 0.00 | 27.26 1.33 -1.28 | 25.13 1.31 -1.18 | 22.96 1.34 0.00 | 22.20 1.20 0.00 | 21.76 1.23 0.00 | 21.88 1.22 0.00 | 22.52 1.23 0.00 | 22.92 1.34 0.00 | 23.99 1.51 -0.91 | 26.49 1.64 0.00 | 32.74 1.92 -1.72 | 33.82 2.03 0.00 | 33.20 1.88 0.00 | 29.55 1.62 0.00 | 24.54 1.30 0.00 | 22.64 1.16 0.00 | 20.73 0.74 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 19.50 0.96 0.00 | 17.87 0.88 0.00 | 16.24 0.82 0.00 | 15.39 0.76 0.00 | 16.60 0.79 0.00 | 18.93 0.94 0.00 | 23.30 1.17 0.00 | 27.44 1.55 -1.24 | 25.34 1.56 -1.14 | 23.20 1.58 0.00 | 22.43 1.43 0.00 | 21.99 1.46 0.00 | 22.13 1.47 0.00 | 22.75 1.47 0.00 | 23.21 1.62 0.00 | 24.24 1.79 -0.88 | 26.82 1.96 0.00 | 33.01 2.27 -1.65 | 34.17 2.38 0.00 | 33.58 2.26 0.00 | 29.83 1.90 0.00 | 24.75 1.51 0.00 | 22.81 1.33 0.00 | 20.85 0.86 0.00 |
| PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020 | 19.50 0.96 0.00 | 17.87 0.88 0.00 | 16.24 0.82 0.00 | 15.39 0.76 0.00 | 16.60 0.79 0.00 | 18.93 0.94 0.00 | 23.30 1.17 0.00 | 27.44 1.55 -1.24 | 25.34 1.56 -1.14 | 23.20 1.58 0.00 | 22.43 1.43 0.00 | 21.99 1.46 0.00 | 22.13 1.47 0.00 | 22.75 1.47 0.00 | 23.21 1.62 0.00 | 24.24 1.79 -0.88 | 26.82 1.96 0.00 | 33.01 2.27 -1.65 | 34.17 2.38 0.00 | 33.58 2.26 0.00 | 29.83 1.90 0.00 | 24.75 1.51 0.00 | 22.81 1.33 0.00 | 20.85 0.86 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 19.52 0.98 0.00 | 17.87 0.88 0.00 | 16.22 0.80 0.00 | 15.38 0.75 0.00 | 16.60 0.79 0.00 | 18.91 0.92 0.00 | 23.28 1.15 0.00 | 27.36 1.45 -1.26 | 25.18 1.38 -1.16 | 23.02 1.41 0.00 | 22.24 1.24 0.00 | 21.81 1.27 0.00 | 21.92 1.26 0.00 | 22.56 1.28 0.00 | 22.99 1.40 0.00 | 24.06 1.60 -0.89 | 26.59 1.74 0.00 | 32.85 2.07 -1.69 | 34.05 2.26 0.00 | 33.49 2.16 0.00 | 29.77 1.84 0.00 | 24.71 1.46 0.00 | 22.77 1.29 0.00 | 20.85 0.86 0.00 |
| POLETTI____ 23519 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.21 0.79 0.00 | 15.39 0.76 0.00 | 16.55 0.74 0.00 | 18.87 0.88 0.00 | 23.28 1.15 0.00 | 27.45 1.58 -1.23 | 25.42 1.65 -1.13 | 23.35 1.73 0.00 | 22.54 1.53 0.00 | 22.13 1.60 0.00 | 22.23 1.57 0.00 | 22.86 1.58 0.00 | 23.31 1.73 0.00 | 24.38 1.94 -0.87 | 27.01 2.16 0.00 | 33.11 2.39 -1.63 | 34.21 2.42 0.00 | 33.58 2.26 0.00 | 29.83 1.90 0.00 | 24.78 1.53 0.00 | 22.81 1.33 0.00 | 20.77 0.78 0.00 |
| POMONA___ESR 323819 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.19 0.77 0.00 | 15.36 0.73 0.00 | 16.55 0.74 0.00 | 18.85 0.86 0.00 | 23.26 1.13 0.00 | 27.31 1.48 -1.18 | 25.20 1.47 -1.09 | 23.13 1.51 0.00 | 22.35 1.35 0.00 | 21.89 1.35 0.00 | 22.05 1.38 0.00 | 22.69 1.40 0.00 | 23.16 1.57 0.00 | 24.07 1.66 -0.84 | 26.69 1.84 0.00 | 32.71 2.07 -1.55 | 33.95 2.16 0.00 | 33.36 2.03 0.00 | 29.66 1.73 0.00 | 24.66 1.42 0.00 | 22.64 1.16 0.00 | 20.79 0.80 0.00 |
| PORT_JEFF_3 23555 | 20.39 1.84 -0.02 | 18.57 1.58 0.00 | 16.75 1.33 0.00 | 15.92 1.29 0.00 | 17.17 1.36 0.00 | 19.73 1.73 -0.01 | 24.15 2.01 0.00 | 28.54 2.66 -1.23 | 26.45 2.67 -1.14 | 24.28 2.66 0.00 | 24.84 2.35 -1.49 | 25.29 2.34 -2.42 | 25.68 2.31 -2.71 | 26.90 2.38 -3.23 | 30.01 2.59 -5.84 | 33.53 2.67 -9.28 | 47.99 3.01 -20.13 | 92.89 3.37 -60.42 | 53.13 3.59 -17.75 | 51.37 3.45 -16.60 | 51.03 3.13 -19.97 | 32.59 2.58 -6.77 | 26.53 2.28 -2.77 | 21.70 1.70 -0.01 |
| PORT_JEFF_4 23616 | 20.39 1.84 -0.02 | 18.57 1.58 0.00 | 16.75 1.33 0.00 | 15.92 1.29 0.00 | 17.17 1.36 0.00 | 19.73 1.73 -0.01 | 24.15 2.01 0.00 | 28.54 2.66 -1.23 | 26.45 2.67 -1.14 | 24.28 2.66 0.00 | 24.84 2.35 -1.49 | 25.29 2.34 -2.42 | 25.68 2.31 -2.71 | 26.90 2.38 -3.23 | 30.01 2.59 -5.84 | 33.53 2.67 -9.28 | 47.99 3.01 -20.13 | 92.89 3.37 -60.42 | 53.13 3.59 -17.75 | 51.37 3.45 -16.60 | 51.03 3.13 -19.97 | 32.59 2.58 -6.77 | 26.53 2.28 -2.77 | 21.70 1.70 -0.01 |
| PORT_JEFF_IC 23713 | 20.42 1.87 -0.02 | 18.61 1.61 0.00 | 16.78 1.36 0.00 | 15.95 1.32 0.00 | 17.20 1.39 0.00 | 19.76 1.76 -0.01 | 24.19 2.06 0.00 | 28.59 2.71 -1.23 | 26.49 2.72 -1.14 | 24.34 2.72 0.00 | 24.89 2.39 -1.49 | 25.33 2.38 -2.42 | 25.75 2.37 -2.71 | 26.96 2.45 -3.23 | 30.08 2.65 -5.84 | 33.59 2.74 -9.28 | 48.14 2.98 -20.31 | 99.53 3.37 -67.06 | 53.13 3.59 -17.75 | 51.34 3.41 -16.60 | 53.71 3.16 -22.63 | 32.66 2.65 -6.77 | 26.60 2.34 -2.77 | 21.74 1.74 -0.01 |
| PPL PILGRIM_ST_GT1 24216 | 20.35 1.80 -0.02 | 18.54 1.55 0.00 | 16.72 1.30 0.00 | 15.89 1.26 0.00 | 17.14 1.33 0.00 | 19.67 1.67 -0.01 | 24.10 1.97 0.00 | 28.46 2.59 -1.23 | 26.38 2.60 -1.14 | 24.21 2.59 0.00 | 24.78 2.29 -1.49 | 25.23 2.28 -2.42 | 25.64 2.27 -2.71 | 26.86 2.34 -3.23 | 29.99 2.57 -5.84 | 33.44 2.59 -9.28 | 47.11 2.98 -19.27 | 59.60 3.14 -27.36 | 52.87 3.34 -17.74 | 51.12 3.20 -16.60 | 37.77 3.07 -6.77 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.68 1.68 -0.01 |
| PPL PILGRIM_ST_GT2 24217 | 20.35 1.80 -0.02 | 18.54 1.55 0.00 | 16.72 1.30 0.00 | 15.89 1.26 0.00 | 17.14 1.33 0.00 | 19.67 1.67 -0.01 | 24.10 1.97 0.00 | 28.46 2.59 -1.23 | 26.38 2.60 -1.14 | 24.21 2.59 0.00 | 24.78 2.29 -1.49 | 25.23 2.28 -2.42 | 25.64 2.27 -2.71 | 26.86 2.34 -3.23 | 29.99 2.57 -5.84 | 33.44 2.59 -9.28 | 47.11 2.98 -19.27 | 59.60 3.14 -27.36 | 52.87 3.34 -17.74 | 51.12 3.20 -16.60 | 37.77 3.07 -6.77 | 32.50 2.49 -6.77 | 26.47 2.21 -2.77 | 21.68 1.68 -0.01 |
| PPL_SHRM_GT3 24213 | 20.56 2.00 -0.02 | 18.71 1.72 0.00 | 16.86 1.43 0.00 | 16.03 1.39 0.00 | 17.28 1.47 0.00 | 19.87 1.87 -0.01 | 24.30 2.17 0.00 | 28.78 2.91 -1.23 | 26.68 2.90 -1.14 | 24.47 2.85 0.00 | 25.01 2.52 -1.49 | 25.46 2.50 -2.42 | 25.83 2.46 -2.71 | 27.09 2.57 -3.23 | 30.21 2.79 -5.84 | 33.72 2.87 -9.28 | 48.34 3.33 -20.16 | 94.23 3.81 -61.33 | 53.61 4.07 -17.75 | 51.81 3.88 -16.60 | 51.73 3.46 -20.34 | 32.80 2.79 -6.77 | 26.74 2.49 -2.77 | 21.86 1.86 -0.01 |
| PPL_SHRM_GT4 24214 | 20.56 2.00 -0.02 | 18.71 1.72 0.00 | 16.86 1.43 0.00 | 16.03 1.39 0.00 | 17.28 1.47 0.00 | 19.87 1.87 -0.01 | 24.30 2.17 0.00 | 28.78 2.91 -1.23 | 26.68 2.90 -1.14 | 24.47 2.85 0.00 | 25.01 2.52 -1.49 | 25.46 2.50 -2.42 | 25.83 2.46 -2.71 | 27.09 2.57 -3.23 | 30.21 2.79 -5.84 | 33.72 2.87 -9.28 | 48.34 3.33 -20.16 | 94.23 3.81 -61.33 | 53.61 4.07 -17.75 | 51.81 3.88 -16.60 | 51.73 3.46 -20.34 | 32.80 2.79 -6.77 | 26.74 2.49 -2.77 | 21.86 1.86 -0.01 |
| PROJECT___ORANGE 1 24174 | 18.66 0.13 0.00 | 17.07 0.08 0.00 | 15.48 0.06 0.00 | 14.66 0.03 0.00 | 15.87 0.06 0.00 | 18.04 0.05 0.00 | 22.29 0.15 0.00 | 24.77 0.00 -0.12 | 22.70 -0.05 -0.11 | 21.57 -0.04 0.00 | 20.92 -0.08 0.00 | 20.41 -0.12 0.00 | 20.54 -0.12 0.00 | 21.18 -0.11 0.00 | 21.41 -0.17 0.00 | 21.51 -0.15 -0.09 | 24.65 -0.20 0.00 | 29.01 -0.26 -0.17 | 31.44 -0.35 0.00 | 31.04 -0.28 0.00 | 27.68 -0.25 0.00 | 23.08 -0.16 0.00 | 21.33 -0.15 0.00 | 19.97 -0.02 0.00 |
| PROJECT___ORANGE 2 24166 | 18.66 0.13 0.00 | 17.07 0.08 0.00 | 15.48 0.06 0.00 | 14.66 0.03 0.00 | 15.87 0.06 0.00 | 18.04 0.05 0.00 | 22.29 0.15 0.00 | 24.77 0.00 -0.12 | 22.70 -0.05 -0.11 | 21.57 -0.04 0.00 | 20.92 -0.08 0.00 | 20.41 -0.12 0.00 | 20.54 -0.12 0.00 | 21.18 -0.11 0.00 | 21.41 -0.17 0.00 | 21.51 -0.15 -0.09 | 24.65 -0.20 0.00 | 29.01 -0.26 -0.17 | 31.44 -0.35 0.00 | 31.04 -0.28 0.00 | 27.68 -0.25 0.00 | 23.08 -0.16 0.00 | 21.33 -0.15 0.00 | 19.97 -0.02 0.00 |

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| PUCKETT___SOLAR 323809 | 19.31 0.78 0.00 | 17.67 0.68 0.00 | 16.01 0.59 0.00 | 15.16 0.53 0.00 | 16.41 0.60 0.00 | 18.67 0.68 0.00 | 23.13 1.00 0.00 | 26.03 0.99 -0.40 | 23.78 0.77 -0.37 | 22.27 0.65 0.00 | 21.49 0.48 0.00 | 20.96 0.43 0.00 | 21.07 0.41 0.00 | 21.71 0.43 0.00 | 22.06 0.47 0.00 | 22.38 0.52 -0.29 | 25.62 0.77 0.00 | 30.53 0.87 -0.56 | 32.87 1.08 0.00 | 32.48 1.16 0.00 | 28.93 1.00 0.00 | 24.12 0.88 0.00 | 22.17 0.69 0.00 | 20.67 0.68 0.00 |
| PYRITES___HYD 24023 | 18.20 -0.33 0.00 | 16.70 -0.29 0.00 | 15.16 -0.26 0.00 | 14.46 -0.18 0.00 | 15.64 -0.17 0.00 | 17.76 -0.23 0.00 | 21.69 -0.44 0.00 | 24.08 -0.57 0.00 | 22.09 -0.54 0.00 | 20.95 -0.67 0.00 | 20.37 -0.63 0.00 | 19.88 -0.66 0.00 | 20.00 -0.66 0.00 | 20.63 -0.66 0.00 | 20.94 -0.65 0.00 | 20.84 -0.73 0.00 | 24.08 -0.77 0.00 | 28.22 -0.87 0.00 | 31.09 -0.70 0.00 | 30.67 -0.66 0.00 | 27.51 -0.42 0.00 | 23.03 -0.21 0.00 | 21.29 -0.19 0.00 | 19.91 -0.08 0.00 |
| QUAKERRD_115KV_BK1 80622 | 18.59 0.06 0.00 | 16.97 -0.02 0.00 | 15.34 -0.08 0.00 | 14.57 -0.06 0.00 | 15.75 -0.06 0.00 | 17.86 -0.13 0.00 | 21.95 -0.18 0.00 | 24.22 -0.57 -0.14 | 22.24 -0.52 -0.13 | 21.14 -0.48 0.00 | 20.48 -0.53 0.00 | 19.94 -0.60 0.00 | 20.08 -0.58 0.00 | 20.73 -0.55 0.00 | 21.03 -0.56 0.00 | 21.22 -0.45 -0.10 | 24.11 -0.75 0.00 | 28.31 -0.99 -0.20 | 30.58 -1.21 0.00 | 30.32 -1.00 0.00 | 26.92 -1.01 0.00 | 22.57 -0.67 0.00 | 20.82 -0.67 0.00 | 19.67 -0.32 0.00 |
| QUENSBRY_115KV_TB8 356137 | 19.91 1.37 0.00 | 18.20 1.21 0.00 | 16.50 1.08 0.00 | 15.64 1.01 0.00 | 16.95 1.14 0.00 | 19.36 1.37 0.00 | 23.97 1.84 0.00 | 28.25 2.07 -1.53 | 25.86 1.81 -1.41 | 23.28 1.66 0.00 | 22.49 1.49 0.00 | 21.99 1.46 0.00 | 22.23 1.57 0.00 | 22.86 1.58 0.00 | 22.60 1.01 0.00 | 23.54 0.88 -1.08 | 25.65 0.80 0.00 | 32.58 1.37 -2.12 | 33.51 1.72 0.00 | 33.14 1.82 0.00 | 29.75 1.82 0.00 | 24.57 1.32 0.00 | 23.09 1.61 0.00 | 21.29 1.30 0.00 |
| RAMAPO___LBMP 323565 | 19.41 0.87 0.00 | 17.77 0.78 0.00 | 16.15 0.72 0.00 | 15.32 0.69 0.00 | 16.51 0.70 0.00 | 18.82 0.83 0.00 | 23.19 1.06 0.00 | 27.23 1.40 -1.18 | 25.13 1.40 -1.09 | 23.04 1.43 0.00 | 22.28 1.28 0.00 | 21.87 1.33 0.00 | 21.98 1.32 0.00 | 22.63 1.34 0.00 | 23.05 1.47 0.00 | 24.05 1.64 -0.84 | 26.62 1.76 0.00 | 32.65 2.01 -1.55 | 33.89 2.10 0.00 | 33.30 1.97 0.00 | 29.61 1.68 0.00 | 24.59 1.35 0.00 | 22.66 1.18 0.00 | 20.73 0.74 0.00 |
| RANKINE____ 23646 | 19.54 1.00 0.00 | 17.79 0.80 0.00 | 16.04 0.62 0.00 | 15.29 0.66 0.00 | 16.49 0.68 0.00 | 18.62 0.63 0.00 | 22.84 0.71 0.00 | 24.65 -0.15 -0.15 | 22.71 -0.07 -0.14 | 21.92 0.30 0.00 | 21.19 0.19 0.00 | 20.59 0.06 0.00 | 20.76 0.10 0.00 | 21.46 0.17 0.00 | 21.72 0.13 0.00 | 21.65 -0.04 -0.12 | 24.75 -0.10 0.00 | 28.95 -0.35 -0.21 | 31.28 -0.51 0.01 | 31.10 -0.22 0.00 | 27.62 -0.31 0.00 | 23.26 0.02 0.00 | 21.42 -0.06 0.00 | 20.43 0.44 0.00 |
| RAVENSWOOD_GT2_1 24244 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.35 1.73 0.00 | 22.56 1.55 0.00 | 22.13 1.60 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 23.33 1.75 0.00 | 24.38 1.94 -0.87 | 27.01 2.16 0.00 | 33.14 2.41 -1.63 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD_GT2_2 24245 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.35 1.73 0.00 | 22.56 1.55 0.00 | 22.13 1.60 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 23.33 1.75 0.00 | 24.38 1.94 -0.87 | 27.01 2.16 0.00 | 33.14 2.41 -1.63 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD_GT2_3 24246 | 19.50 0.96 0.00 | 17.86 0.87 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.35 1.73 0.00 | 22.56 1.55 0.00 | 22.15 1.62 0.00 | 22.25 1.59 0.00 | 22.90 1.62 0.00 | 23.33 1.75 0.00 | 24.41 1.96 -0.87 | 27.04 2.19 0.00 | 33.14 2.41 -1.63 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD_GT2_4 24247 | 19.50 0.96 0.00 | 17.86 0.87 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.35 1.73 0.00 | 22.56 1.55 0.00 | 22.15 1.62 0.00 | 22.25 1.59 0.00 | 22.90 1.62 0.00 | 23.33 1.75 0.00 | 24.41 1.96 -0.87 | 27.04 2.19 0.00 | 33.14 2.41 -1.63 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD_GT3_1 24248 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.35 1.73 0.00 | 22.56 1.55 0.00 | 22.13 1.60 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 23.33 1.75 0.00 | 24.38 1.94 -0.87 | 27.01 2.16 0.00 | 33.14 2.41 -1.63 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD_GT3_2 24249 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.35 1.73 0.00 | 22.56 1.55 0.00 | 22.13 1.60 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 23.33 1.75 0.00 | 24.38 1.94 -0.87 | 27.01 2.16 0.00 | 33.14 2.41 -1.63 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD_GT3_3 24250 | 19.50 0.96 0.00 | 17.87 0.88 0.00 | 16.25 0.83 0.00 | 15.42 0.79 0.00 | 16.60 0.79 0.00 | 18.93 0.94 0.00 | 23.35 1.22 0.00 | 27.53 1.65 -1.23 | 25.47 1.70 -1.13 | 23.37 1.75 0.00 | 22.58 1.58 0.00 | 22.18 1.64 0.00 | 22.27 1.61 0.00 | 22.92 1.64 0.00 | 23.36 1.77 0.00 | 24.43 1.98 -0.87 | 27.06 2.21 0.00 | 33.17 2.44 -1.63 | 34.30 2.51 0.00 | 33.67 2.35 0.00 | 29.91 1.98 0.00 | 24.84 1.60 0.00 | 22.88 1.40 0.00 | 20.85 0.86 0.00 |
| RAVENSWOOD_GT3_4 24251 | 19.50 0.96 0.00 | 17.87 0.88 0.00 | 16.25 0.83 0.00 | 15.42 0.79 0.00 | 16.60 0.79 0.00 | 18.93 0.94 0.00 | 23.35 1.22 0.00 | 27.53 1.65 -1.23 | 25.47 1.70 -1.13 | 23.37 1.75 0.00 | 22.58 1.58 0.00 | 22.18 1.64 0.00 | 22.27 1.61 0.00 | 22.92 1.64 0.00 | 23.36 1.77 0.00 | 24.43 1.98 -0.87 | 27.06 2.21 0.00 | 33.17 2.44 -1.63 | 34.30 2.51 0.00 | 33.67 2.35 0.00 | 29.91 1.98 0.00 | 24.84 1.60 0.00 | 22.88 1.40 0.00 | 20.85 0.86 0.00 |
| RAVENSWOOD_GT_1 23729 | 19.55 1.02 0.00 | 17.92 0.93 0.00 | 16.31 0.88 -0.01 | 15.50 0.86 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.24 1.88 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.09 2.44 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.87 1.38 -0.01 | 20.89 0.90 0.00 |

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|---|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|
| RAVENSWOOD_GT_10 24258 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.45 1.68 -1.13 | 23.35 1.73 0.00 | 22.54 1.53 0.00 | 22.14 1.60 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 24.23 1.75 -0.90 | 25.18 1.94 -1.66 | 27.82 2.16 -0.81 | 33.36 2.41 -1.85 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.89 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD_GT_11 24259 | 19.48 0.94 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.42 0.79 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.32 1.19 0.00 | 27.50 1.63 -1.23 | 25.45 1.68 -1.13 | 23.37 1.75 0.00 | 22.54 1.53 0.00 | 22.09 1.56 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 24.27 1.79 -0.90 | 25.09 1.86 -1.66 | 27.80 2.14 -0.81 | 33.24 2.30 -1.85 | 34.14 2.35 0.00 | 33.52 2.19 0.00 | 29.83 1.90 0.00 | 24.80 1.56 0.00 | 22.77 1.29 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD_GT_4 24252 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.23 0.80 -0.01 | 15.40 0.76 -0.01 | 16.58 0.76 -0.01 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.48 1.60 -1.23 | 25.43 1.65 -1.14 | 23.33 1.71 -0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.24 1.57 -0.01 | 22.87 1.58 -0.01 | 29.23 1.73 -5.92 | 29.58 1.92 -6.09 | 32.34 2.14 -5.35 | 34.58 2.39 -3.10 | 34.24 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.80 1.56 0.00 | 22.84 1.35 -0.01 | 20.81 0.82 0.00 |
| RAVENSWOOD_GT_5 24254 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.23 0.80 -0.01 | 15.40 0.76 -0.01 | 16.58 0.76 -0.01 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.48 1.60 -1.23 | 25.43 1.65 -1.14 | 23.33 1.71 -0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.24 1.57 -0.01 | 22.87 1.58 -0.01 | 29.23 1.73 -5.92 | 29.58 1.92 -6.09 | 32.34 2.14 -5.35 | 34.58 2.39 -3.10 | 34.24 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.80 1.56 0.00 | 22.84 1.35 -0.01 | 20.81 0.82 0.00 |
| RAVENSWOOD_GT_6 24253 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.23 0.80 -0.01 | 15.40 0.76 -0.01 | 16.58 0.76 -0.01 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.48 1.60 -1.23 | 25.43 1.65 -1.14 | 23.33 1.71 -0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.24 1.57 -0.01 | 22.87 1.58 -0.01 | 29.23 1.73 -5.92 | 29.58 1.92 -6.09 | 32.34 2.14 -5.35 | 34.58 2.39 -3.10 | 34.24 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.80 1.56 0.00 | 22.84 1.35 -0.01 | 20.81 0.82 0.00 |
| RAVENSWOOD_GT_7 24255 | 19.46 0.93 0.00 | 17.82 0.83 0.00 | 16.23 0.80 -0.01 | 15.40 0.76 -0.01 | 16.58 0.76 -0.01 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.48 1.60 -1.23 | 25.43 1.65 -1.14 | 23.33 1.71 -0.01 | 22.54 1.53 -0.01 | 22.14 1.60 -0.01 | 22.24 1.57 -0.01 | 22.87 1.58 -0.01 | 29.23 1.73 -5.92 | 29.58 1.92 -6.09 | 32.34 2.14 -5.35 | 34.58 2.39 -3.10 | 34.24 2.45 -0.01 | 33.62 2.29 -0.01 | 29.86 1.93 -0.01 | 24.80 1.56 0.00 | 22.84 1.35 -0.01 | 20.81 0.82 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.45 1.68 -1.13 | 23.35 1.73 0.00 | 22.54 1.53 0.00 | 22.14 1.60 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 24.23 1.75 -0.90 | 25.18 1.94 -1.66 | 27.82 2.16 -0.81 | 33.36 2.41 -1.85 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.89 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD_GT_9 24257 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.45 1.68 -1.13 | 23.35 1.73 0.00 | 22.54 1.53 0.00 | 22.14 1.60 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 24.23 1.75 -0.90 | 25.18 1.94 -1.66 | 27.82 2.16 -0.81 | 33.36 2.41 -1.85 | 34.27 2.48 0.00 | 33.64 2.32 0.00 | 29.89 1.96 0.00 | 24.82 1.58 0.00 | 22.86 1.37 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD___1 23533 | 19.55 1.02 0.00 | 17.92 0.93 0.00 | 16.31 0.88 -0.01 | 15.50 0.86 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.24 1.88 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.09 2.44 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.87 1.38 -0.01 | 20.89 0.90 0.00 |
| RAVENSWOOD___2 23534 | 19.55 1.02 0.00 | 17.92 0.93 0.00 | 16.31 0.88 -0.01 | 15.50 0.86 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.24 1.88 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.09 2.44 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.87 1.38 -0.01 | 20.89 0.90 0.00 |
| RAVENSWOOD___3 23535 | 19.48 0.94 0.00 | 17.86 0.87 0.00 | 16.24 0.82 0.00 | 15.42 0.79 0.00 | 16.60 0.79 0.00 | 18.91 0.92 0.00 | 23.32 1.19 0.00 | 27.50 1.63 -1.23 | 25.44 1.68 -1.13 | 23.37 1.75 0.00 | 22.56 1.55 0.00 | 22.09 1.56 0.00 | 22.25 1.59 0.00 | 22.88 1.60 0.00 | 23.38 1.79 0.00 | 24.30 1.86 -0.87 | 26.99 2.14 0.00 | 33.02 2.30 -1.63 | 34.18 2.39 0.00 | 33.52 2.19 0.00 | 29.83 1.90 0.00 | 24.80 1.56 0.00 | 22.77 1.29 0.00 | 20.83 0.84 0.00 |
| RAVENSWOOD___4 23820 | 19.55 1.02 0.00 | 17.92 0.93 0.00 | 16.31 0.88 -0.01 | 15.50 0.86 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.72 -1.23 | 25.54 1.77 -1.14 | 23.46 1.84 -0.01 | 22.65 1.64 -0.01 | 22.18 1.64 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.24 1.88 -7.77 | 31.26 1.96 -7.72 | 34.11 2.24 -7.02 | 35.09 2.44 -3.55 | 34.31 2.51 -0.01 | 33.65 2.32 -0.01 | 29.95 2.01 -0.01 | 24.92 1.67 0.00 | 22.87 1.38 -0.01 | 20.89 0.90 0.00 |
| RCPL_TRUST___DRP 24196 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.49 1.72 -1.13 | 23.39 1.77 0.00 | 22.58 1.58 0.00 | 22.20 1.66 0.00 | 22.29 1.63 0.00 | 22.92 1.64 0.00 | 23.38 1.79 0.00 | 24.45 2.01 -0.87 | 27.09 2.24 0.00 | 33.20 2.47 -1.63 | 34.30 2.51 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |
| RED___ROCHESTER 323720 | 19.28 0.74 0.00 | 17.57 0.58 0.00 | 15.87 0.45 0.00 | 15.03 0.40 0.00 | 16.28 0.47 0.00 | 18.48 0.49 0.00 | 22.71 0.57 0.00 | 24.98 0.20 -0.14 | 22.97 0.20 -0.13 | 21.83 0.22 0.00 | 21.17 0.17 0.00 | 20.70 0.16 0.00 | 20.76 0.10 0.00 | 21.44 0.15 0.00 | 21.74 0.15 0.00 | 21.97 0.30 -0.10 | 24.83 -0.02 0.00 | 29.32 0.00 -0.23 | 31.66 -0.13 0.00 | 31.48 0.16 0.00 | 27.79 -0.14 0.00 | 23.31 0.07 0.00 | 21.48 0.00 0.00 | 20.31 0.32 0.00 |
| REGAN___SOLAR 323812 | 19.94 1.41 0.00 | 18.23 1.24 0.00 | 16.50 1.08 0.00 | 15.66 1.02 0.00 | 17.01 1.20 0.00 | 19.47 1.48 0.00 | 24.23 2.10 0.00 | 28.21 2.02 -1.54 | 25.71 1.65 -1.42 | 22.98 1.36 0.00 | 22.09 1.09 0.00 | 21.58 1.05 0.00 | 21.88 1.22 0.00 | 22.58 1.30 0.00 | 23.06 1.47 0.00 | 24.30 1.64 -1.09 | 26.52 1.67 0.00 | 33.70 2.47 -2.13 | 34.78 2.99 0.00 | 34.49 3.16 0.00 | 30.70 2.77 0.00 | 25.36 2.11 0.00 | 23.14 1.65 0.00 | 21.37 1.38 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|
| RENSSELAER___COGEN 23796 | 18.91 0.37 0.00 | 17.40 0.41 0.00 | 15.87 0.45 0.00 | 15.04 0.41 0.00 | 16.19 0.38 0.00 | 18.42 0.43 0.00 | 22.60 0.47 0.00 | 26.78 0.64 -1.49 | 24.53 0.52 -1.37 | 22.09 0.47 0.00 | 21.38 0.38 0.00 | 20.92 0.39 0.00 | 21.11 0.45 0.00 | 21.71 0.43 0.00 | 22.13 0.54 0.00 | 23.21 0.58 -1.06 | 25.52 0.67 0.00 | 32.03 0.87 -2.06 | 32.78 0.99 0.00 | 32.23 0.91 0.00 | 28.77 0.84 0.00 | 23.84 0.60 0.00 | 21.89 0.41 0.00 | 20.21 0.22 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 20.80 2.26 0.00 | 18.96 1.97 0.00 | 17.15 1.73 0.00 | 16.26 1.62 0.00 | 17.66 1.85 0.00 | 20.22 2.23 0.00 | 25.16 3.03 0.00 | 29.43 3.25 -1.53 | 26.90 2.85 -1.41 | 24.25 2.64 0.00 | 23.40 2.39 0.00 | 22.83 2.30 0.00 | 23.08 2.42 0.00 | 23.67 2.38 0.00 | 23.42 1.83 0.00 | 24.43 1.77 -1.08 | 26.54 1.69 0.00 | 33.92 2.71 -2.12 | 35.10 3.31 0.00 | 34.90 3.57 0.00 | 31.39 3.46 0.00 | 25.82 2.58 0.00 | 24.10 2.62 0.00 | 22.19 2.20 0.00 |
| REVERE_CPPR_DRP 24186 | 19.13 0.59 0.00 | 17.53 0.54 0.00 | 15.91 0.49 0.00 | 15.10 0.47 0.00 | 16.36 0.55 0.00 | 18.66 0.67 0.00 | 23.08 0.95 0.00 | 25.53 0.81 -0.07 | 23.35 0.66 -0.06 | 22.16 0.54 0.00 | 21.42 0.42 0.00 | 20.92 0.39 0.00 | 21.01 0.35 0.00 | 21.67 0.38 0.00 | 21.97 0.39 0.00 | 22.07 0.45 -0.05 | 25.47 0.62 0.00 | 29.89 0.70 -0.10 | 32.71 0.92 0.00 | 32.26 0.94 0.00 | 28.77 0.84 0.00 | 23.96 0.72 0.00 | 22.08 0.60 0.00 | 20.59 0.60 0.00 |
| REYNOLDS_115KV_TB3 80639 | 19.05 0.52 0.00 | 17.52 0.53 0.00 | 15.96 0.54 0.00 | 15.12 0.48 0.00 | 16.30 0.49 0.00 | 18.58 0.59 0.00 | 22.75 0.62 0.00 | 26.98 0.84 -1.49 | 24.74 0.72 -1.38 | 22.27 0.65 0.00 | 21.55 0.55 0.00 | 21.11 0.57 0.00 | 21.26 0.60 0.00 | 21.88 0.60 0.00 | 22.23 0.65 0.00 | 23.39 0.76 -1.06 | 25.70 0.84 0.00 | 32.26 1.11 -2.06 | 33.03 1.24 0.00 | 32.45 1.13 0.00 | 28.96 1.03 0.00 | 24.01 0.77 0.00 | 22.13 0.64 0.00 | 20.37 0.38 0.00 |
| RIVERBAY____ 323610 | 19.76 1.22 0.00 | 18.15 1.16 0.00 | 16.51 1.08 -0.01 | 15.67 1.02 -0.01 | 16.86 1.04 -0.01 | 19.11 1.12 0.00 | 23.55 1.42 0.00 | 27.67 1.80 -1.23 | 25.59 1.83 -1.12 | 23.49 1.88 0.01 | 22.71 1.70 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.04 1.75 -0.01 | 23.47 1.88 -0.01 | 24.54 2.09 -0.88 | 27.20 2.34 -0.01 | 33.35 2.62 -1.64 | 34.50 2.70 -0.01 | 33.87 2.54 -0.01 | 30.09 2.15 -0.01 | 24.98 1.74 0.00 | 23.08 1.59 -0.01 | 21.03 1.04 0.00 |
| RIVERSDE_115KV_TB3 55908 | 18.98 0.44 0.00 | 17.47 0.48 0.00 | 15.93 0.51 0.00 | 15.09 0.45 0.00 | 16.25 0.44 0.00 | 18.51 0.52 0.00 | 22.68 0.55 0.00 | 26.90 0.76 -1.49 | 24.65 0.63 -1.38 | 22.20 0.58 0.00 | 21.49 0.48 0.00 | 21.05 0.51 0.00 | 21.22 0.56 0.00 | 21.82 0.53 0.00 | 22.17 0.58 0.00 | 23.32 0.69 -1.06 | 25.60 0.75 0.00 | 32.18 1.02 -2.07 | 32.93 1.14 0.00 | 32.39 1.07 0.00 | 28.88 0.95 0.00 | 23.94 0.70 0.00 | 22.06 0.58 0.00 | 20.31 0.32 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 18.33 -0.20 0.00 | 16.89 -0.10 0.00 | 15.38 -0.05 0.00 | 14.60 -0.03 0.00 | 15.79 -0.02 0.00 | 17.99 0.00 0.00 | 22.18 0.04 0.00 | 24.70 0.05 0.00 | 22.68 0.05 0.00 | 21.66 0.04 0.00 | 21.02 0.02 0.00 | 20.55 0.02 0.00 | 20.66 0.00 0.00 | 21.29 0.00 0.00 | 21.59 0.00 0.00 | 21.57 0.00 0.00 | 24.88 0.02 0.00 | 29.12 0.03 0.00 | 31.82 0.03 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.26 0.02 0.00 | 21.48 0.00 0.00 | 19.99 0.00 0.00 |
| ROCHESRG_115KV_T4 355643 | 19.07 0.54 0.00 | 17.41 0.42 0.00 | 15.73 0.31 0.00 | 14.96 0.32 0.00 | 16.16 0.35 0.00 | 18.30 0.31 0.00 | 22.48 0.35 0.00 | 24.71 -0.07 -0.14 | 22.74 -0.02 -0.13 | 21.62 0.00 0.00 | 20.94 -0.06 0.00 | 20.37 -0.16 0.00 | 20.54 -0.12 0.00 | 21.20 -0.09 0.00 | 21.48 -0.11 0.00 | 21.71 0.04 -0.10 | 24.60 -0.25 0.00 | 28.86 -0.44 -0.21 | 31.16 -0.64 0.00 | 30.92 -0.41 0.00 | 27.45 -0.47 0.00 | 23.06 -0.19 0.00 | 21.25 -0.24 0.00 | 20.13 0.14 0.00 |
| ROCHESTER_9_IC 23652 | 19.18 0.65 0.00 | 17.50 0.51 0.00 | 15.82 0.40 0.00 | 15.03 0.40 0.00 | 16.24 0.43 0.00 | 18.40 0.41 0.00 | 22.60 0.46 0.00 | 24.86 0.07 -0.14 | 22.88 0.11 -0.13 | 21.75 0.13 0.00 | 21.07 0.06 0.00 | 20.49 -0.04 0.00 | 20.64 -0.02 0.00 | 21.33 0.04 0.00 | 21.61 0.02 0.00 | 21.84 0.17 -0.10 | 24.78 -0.07 0.00 | 29.04 -0.26 -0.21 | 31.38 -0.41 0.00 | 31.14 -0.19 0.00 | 27.65 -0.28 0.00 | 23.19 -0.05 0.00 | 21.37 -0.11 0.00 | 20.23 0.24 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 19.55 1.02 0.00 | 17.92 0.93 0.00 | 16.28 0.86 0.00 | 15.44 0.80 0.00 | 16.65 0.84 0.00 | 18.98 0.99 0.00 | 23.39 1.26 0.00 | 27.52 1.65 -1.23 | 25.44 1.68 -1.13 | 23.33 1.71 0.00 | 22.54 1.53 0.00 | 22.13 1.60 0.00 | 22.23 1.57 0.00 | 22.88 1.60 0.00 | 23.33 1.75 0.00 | 24.38 1.94 -0.87 | 26.99 2.14 0.00 | 33.17 2.44 -1.63 | 34.36 2.57 0.00 | 33.74 2.41 0.00 | 29.94 2.01 0.00 | 24.87 1.63 0.00 | 22.90 1.42 0.00 | 20.91 0.92 0.00 |
| ROME____115KV_TB2 80656 | 19.13 0.59 0.00 | 17.53 0.54 0.00 | 15.91 0.49 0.00 | 15.10 0.47 0.00 | 16.36 0.55 0.00 | 18.66 0.67 0.00 | 23.08 0.95 0.00 | 25.53 0.81 -0.07 | 23.35 0.66 -0.06 | 22.16 0.54 0.00 | 21.42 0.42 0.00 | 20.92 0.39 0.00 | 21.01 0.35 0.00 | 21.67 0.38 0.00 | 21.97 0.39 0.00 | 22.07 0.45 -0.05 | 25.47 0.62 0.00 | 29.89 0.70 -0.10 | 32.71 0.92 0.00 | 32.26 0.94 0.00 | 28.77 0.84 0.00 | 23.96 0.72 0.00 | 22.08 0.60 0.00 | 20.59 0.60 0.00 |
| ROSETON___1 23587 | 19.37 0.83 0.00 | 17.76 0.77 0.00 | 16.13 0.71 0.00 | 15.31 0.67 0.00 | 16.51 0.69 0.00 | 18.80 0.81 0.00 | 23.15 1.02 0.00 | 27.20 1.33 -1.23 | 25.08 1.31 -1.13 | 22.96 1.34 0.00 | 22.18 1.18 0.00 | 21.72 1.19 0.00 | 21.88 1.22 0.00 | 22.52 1.23 0.00 | 22.97 1.38 0.00 | 23.89 1.45 -0.87 | 26.47 1.61 0.00 | 32.56 1.83 -1.63 | 33.70 1.91 0.00 | 33.11 1.78 0.00 | 29.49 1.56 0.00 | 24.52 1.28 0.00 | 22.51 1.03 0.00 | 20.71 0.72 0.00 |
| ROSETON___2 23588 | 19.37 0.83 0.00 | 17.76 0.77 0.00 | 16.13 0.71 0.00 | 15.31 0.67 0.00 | 16.51 0.69 0.00 | 18.80 0.81 0.00 | 23.15 1.02 0.00 | 27.20 1.33 -1.23 | 25.08 1.31 -1.13 | 22.96 1.34 0.00 | 22.18 1.18 0.00 | 21.72 1.19 0.00 | 21.88 1.22 0.00 | 22.52 1.23 0.00 | 22.97 1.38 0.00 | 23.89 1.45 -0.87 | 26.47 1.61 0.00 | 32.56 1.83 -1.63 | 33.70 1.91 0.00 | 33.11 1.78 0.00 | 29.49 1.56 0.00 | 24.52 1.28 0.00 | 22.51 1.03 0.00 | 20.71 0.72 0.00 |
| ROTTTRDAM_115KV_TB3 80664 | 19.26 0.72 0.00 | 17.65 0.66 0.00 | 16.04 0.62 0.00 | 15.19 0.56 0.00 | 16.43 0.62 0.00 | 18.73 0.74 0.00 | 23.06 0.93 0.00 | 27.25 1.06 -1.54 | 25.01 0.95 -1.42 | 22.53 0.91 0.00 | 21.80 0.80 0.00 | 21.33 0.80 0.00 | 21.49 0.83 0.00 | 22.12 0.83 0.00 | 22.41 0.82 0.00 | 23.55 0.88 -1.09 | 25.80 0.94 0.00 | 32.48 1.25 -2.14 | 33.22 1.43 0.00 | 32.70 1.38 0.00 | 29.19 1.26 0.00 | 24.19 0.95 0.00 | 22.38 0.90 0.00 | 20.63 0.64 0.00 |
| RUSSELL___1 23602 | 19.28 0.74 0.00 | 17.57 0.58 0.00 | 15.87 0.45 0.00 | 15.09 0.45 0.00 | 16.30 0.49 0.00 | 18.48 0.49 0.00 | 22.71 0.58 0.00 | 24.98 0.20 -0.14 | 22.97 0.20 -0.13 | 21.86 0.24 0.00 | 21.17 0.17 0.00 | 20.59 0.06 0.00 | 20.74 0.08 0.00 | 21.43 0.15 0.00 | 21.74 0.15 0.00 | 21.97 0.30 -0.10 | 24.93 0.07 0.00 | 29.21 -0.09 -0.21 | 31.60 -0.19 0.00 | 31.36 0.03 0.00 | 27.79 -0.14 0.00 | 23.33 0.09 0.00 | 21.50 0.02 0.00 | 20.31 0.32 0.00 |

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| RUSSELL___2 23532 | 19.28 0.74 0.00 | 17.57 0.58 0.00 | 15.87 0.45 0.00 | 15.09 0.45 0.00 | 16.30 0.49 0.00 | 18.48 0.49 0.00 | 22.71 0.58 0.00 | 24.98 0.20 -0.14 | 22.97 0.20 -0.13 | 21.86 0.24 0.00 | 21.17 0.17 0.00 | 20.59 0.06 0.00 | 20.74 0.08 0.00 | 21.43 0.15 0.00 | 21.74 0.15 0.00 | 21.97 0.30 -0.10 | 24.93 0.07 0.00 | 29.21 -0.09 -0.21 | 31.60 -0.19 0.00 | 31.36 0.03 0.00 | 27.79 -0.14 0.00 | 23.33 0.09 0.00 | 21.50 0.02 0.00 | 20.31 0.32 0.00 |
| RUSSELL___3 23549 | 19.28 0.74 0.00 | 17.57 0.58 0.00 | 15.87 0.45 0.00 | 15.09 0.45 0.00 | 16.30 0.49 0.00 | 18.48 0.49 0.00 | 22.71 0.58 0.00 | 24.98 0.20 -0.14 | 22.97 0.20 -0.13 | 21.86 0.24 0.00 | 21.17 0.17 0.00 | 20.59 0.06 0.00 | 20.74 0.08 0.00 | 21.43 0.15 0.00 | 21.74 0.15 0.00 | 21.97 0.30 -0.10 | 24.93 0.07 0.00 | 29.21 -0.09 -0.21 | 31.60 -0.19 0.00 | 31.36 0.03 0.00 | 27.79 -0.14 0.00 | 23.33 0.09 0.00 | 21.50 0.02 0.00 | 20.31 0.32 0.00 |
| RUSSELL___4 23556 | 19.28 0.74 0.00 | 17.57 0.58 0.00 | 15.87 0.45 0.00 | 15.09 0.45 0.00 | 16.30 0.49 0.00 | 18.48 0.49 0.00 | 22.71 0.58 0.00 | 24.98 0.20 -0.14 | 22.97 0.20 -0.13 | 21.86 0.24 0.00 | 21.17 0.17 0.00 | 20.59 0.06 0.00 | 20.74 0.08 0.00 | 21.43 0.15 0.00 | 21.74 0.15 0.00 | 21.97 0.30 -0.10 | 24.93 0.07 0.00 | 29.21 -0.09 -0.21 | 31.60 -0.19 0.00 | 31.36 0.03 0.00 | 27.79 -0.14 0.00 | 23.33 0.09 0.00 | 21.50 0.02 0.00 | 20.31 0.32 0.00 |
| RUSSELL___STATION 23914 | 19.28 0.74 0.00 | 17.57 0.58 0.00 | 15.87 0.45 0.00 | 15.09 0.45 0.00 | 16.30 0.49 0.00 | 18.48 0.49 0.00 | 22.71 0.58 0.00 | 24.98 0.20 -0.14 | 22.97 0.20 -0.13 | 21.86 0.24 0.00 | 21.17 0.17 0.00 | 20.59 0.06 0.00 | 20.74 0.08 0.00 | 21.43 0.15 0.00 | 21.74 0.15 0.00 | 21.97 0.30 -0.10 | 24.93 0.07 0.00 | 29.21 -0.09 -0.21 | 31.60 -0.19 0.00 | 31.36 0.03 0.00 | 27.79 -0.14 0.00 | 23.33 0.09 0.00 | 21.50 0.02 0.00 | 20.31 0.32 0.00 |
| S SALMON___HYD 24043 | 18.83 0.30 0.00 | 17.25 0.26 0.00 | 15.62 0.20 0.00 | 14.81 0.18 0.00 | 16.06 0.25 0.00 | 18.28 0.29 0.00 | 22.64 0.51 0.00 | 25.09 0.34 -0.10 | 22.98 0.25 -0.09 | 21.79 0.17 0.00 | 21.09 0.08 0.00 | 20.59 0.06 0.00 | 20.68 0.02 0.00 | 21.33 0.04 0.00 | 21.65 0.06 0.00 | 21.69 0.04 -0.07 | 24.95 0.10 0.00 | 29.39 0.15 -0.15 | 32.01 0.22 0.00 | 31.67 0.35 0.00 | 28.21 0.28 0.00 | 23.50 0.26 0.00 | 21.61 0.13 0.00 | 20.23 0.24 0.00 |
| S.PERRY___115KV_TB1 80734 | 19.89 1.35 0.00 | 18.11 1.12 0.00 | 16.35 0.93 0.00 | 15.51 0.88 0.00 | 16.79 0.98 0.00 | 19.05 1.06 0.00 | 23.55 1.42 0.00 | 25.73 0.91 -0.17 | 23.56 0.77 -0.15 | 22.44 0.82 0.00 | 21.65 0.65 0.00 | 20.98 0.45 0.00 | 21.14 0.48 0.00 | 21.88 0.60 0.00 | 22.19 0.60 0.00 | 22.34 0.65 -0.12 | 25.57 0.72 0.00 | 30.27 0.93 -0.24 | 32.81 1.02 0.00 | 32.61 1.28 0.00 | 28.94 1.01 0.00 | 24.29 1.05 0.00 | 22.30 0.82 0.00 | 20.95 0.96 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 19.39 0.85 0.00 | 17.69 0.70 0.00 | 15.95 0.52 0.00 | 15.20 0.57 0.00 | 16.38 0.57 0.00 | 18.49 0.50 0.00 | 22.64 0.51 0.00 | 24.45 -0.35 -0.14 | 22.54 -0.23 -0.13 | 21.64 0.02 0.00 | 20.94 -0.06 0.00 | 20.35 -0.18 0.00 | 20.52 -0.14 0.00 | 21.20 -0.09 0.00 | 21.46 -0.13 0.00 | 21.54 -0.15 -0.12 | 24.43 -0.42 0.00 | 28.59 -0.70 -0.20 | 30.80 -0.99 0.01 | 30.67 -0.66 0.00 | 27.23 -0.70 0.00 | 22.99 -0.26 0.00 | 21.16 -0.32 0.00 | 20.27 0.28 0.00 |
| SAWYER___23_KV_LOAD 55526 | 19.39 0.85 0.00 | 17.69 0.70 0.00 | 15.95 0.52 0.00 | 15.20 0.57 0.00 | 16.38 0.57 0.00 | 18.49 0.50 0.00 | 22.64 0.51 0.00 | 24.45 -0.35 -0.14 | 22.54 -0.23 -0.13 | 21.64 0.02 0.00 | 20.94 -0.06 0.00 | 20.35 -0.18 0.00 | 20.52 -0.14 0.00 | 21.20 -0.09 0.00 | 21.46 -0.13 0.00 | 21.54 -0.15 -0.12 | 24.43 -0.42 0.00 | 28.59 -0.70 -0.20 | 30.80 -0.99 0.01 | 30.67 -0.66 0.00 | 27.23 -0.70 0.00 | 22.99 -0.26 0.00 | 21.16 -0.32 0.00 | 20.27 0.28 0.00 |
| SELKIRK___I 23801 | 19.13 0.59 0.00 | 17.57 0.58 0.00 | 15.99 0.57 0.00 | 15.17 0.54 0.00 | 16.36 0.55 0.00 | 18.62 0.63 0.00 | 22.86 0.73 0.00 | 27.00 0.89 -1.47 | 24.76 0.77 -1.36 | 22.33 0.71 0.00 | 21.61 0.61 0.00 | 21.13 0.60 0.00 | 21.32 0.66 0.00 | 21.95 0.66 0.00 | 22.34 0.76 0.00 | 23.41 0.80 -1.04 | 25.75 0.89 0.00 | 32.29 1.16 -2.03 | 33.12 1.33 0.00 | 32.61 1.28 0.00 | 29.08 1.15 0.00 | 24.12 0.88 0.00 | 22.17 0.69 0.00 | 20.47 0.48 0.00 |
| SELKIRK___II 23799 | 19.00 0.46 0.00 | 17.46 0.48 0.00 | 15.90 0.48 0.00 | 15.09 0.45 0.00 | 16.25 0.44 0.00 | 18.49 0.50 0.00 | 22.71 0.57 0.00 | 26.87 0.74 -1.49 | 24.64 0.63 -1.37 | 22.22 0.60 0.00 | 21.51 0.50 0.00 | 21.05 0.51 0.00 | 21.22 0.56 0.00 | 21.84 0.55 0.00 | 22.23 0.65 0.00 | 23.32 0.69 -1.05 | 25.65 0.80 0.00 | 32.14 0.99 -2.05 | 32.90 1.11 0.00 | 32.36 1.03 0.00 | 28.88 0.95 0.00 | 23.96 0.72 0.00 | 22.02 0.54 0.00 | 20.35 0.36 0.00 |
| SENECA OSWGO___HYD 24041 | 18.98 0.44 0.00 | 17.36 0.37 0.00 | 15.73 0.31 0.00 | 14.88 0.25 0.00 | 16.13 0.32 0.00 | 18.33 0.34 0.00 | 22.71 0.57 0.00 | 25.15 0.39 -0.11 | 23.04 0.29 -0.11 | 21.88 0.26 0.00 | 21.21 0.21 0.00 | 20.74 0.21 0.00 | 20.83 0.16 0.00 | 21.45 0.17 0.00 | 21.78 0.19 0.00 | 21.81 0.15 -0.08 | 25.00 0.15 0.00 | 29.50 0.23 -0.17 | 32.01 0.22 0.00 | 31.67 0.35 0.00 | 28.21 0.28 0.00 | 23.50 0.26 0.00 | 21.61 0.13 0.00 | 20.33 0.34 0.00 |
| SENECA___115KV_TB3 355854 | 19.57 1.04 0.00 | 17.82 0.83 0.00 | 16.07 0.65 0.00 | 15.32 0.69 0.00 | 16.52 0.71 0.00 | 18.66 0.67 0.00 | 22.88 0.75 0.00 | 24.70 -0.10 -0.15 | 22.75 -0.02 -0.14 | 21.96 0.35 0.00 | 21.23 0.23 0.00 | 20.64 0.10 0.00 | 20.81 0.14 0.00 | 21.48 0.19 0.00 | 21.76 0.17 0.00 | 21.69 0.00 -0.12 | 24.80 -0.05 0.00 | 29.01 -0.29 -0.21 | 31.34 -0.45 0.01 | 31.17 -0.16 0.00 | 27.68 -0.25 0.00 | 23.31 0.07 0.00 | 21.46 -0.02 0.00 | 20.47 0.48 0.00 |
| SENECA___ENERGY 23797 | 18.87 0.33 0.00 | 17.25 0.26 0.00 | 15.61 0.19 0.00 | 14.78 0.15 0.00 | 16.02 0.20 0.00 | 18.21 0.22 0.00 | 22.53 0.40 0.00 | 24.90 0.10 -0.15 | 22.82 0.05 -0.14 | 21.66 0.04 0.00 | 20.98 -0.02 0.00 | 20.49 -0.04 0.00 | 20.58 -0.08 0.00 | 21.22 -0.06 0.00 | 21.56 -0.02 0.00 | 21.64 -0.04 -0.11 | 24.78 -0.07 0.00 | 29.33 0.00 -0.24 | 31.69 -0.10 0.00 | 31.39 0.06 0.00 | 27.93 0.00 0.00 | 23.26 0.02 0.00 | 21.40 -0.09 0.00 | 20.09 0.10 0.00 |
| SHOEMAKER___GT 23640 | 19.24 0.70 0.00 | 17.62 0.63 0.00 | 15.99 0.57 0.00 | 15.17 0.54 0.00 | 16.38 0.57 0.00 | 18.64 0.65 0.00 | 22.97 0.84 0.00 | 26.87 1.13 -1.09 | 24.71 1.06 -1.01 | 22.72 1.10 0.00 | 21.97 0.97 0.00 | 21.50 0.97 0.00 | 21.63 0.97 0.00 | 22.29 1.00 0.00 | 22.73 1.14 0.00 | 23.56 1.21 -0.77 | 26.22 1.37 0.00 | 32.11 1.57 -1.44 | 33.47 1.68 0.00 | 32.92 1.60 0.00 | 29.30 1.37 0.00 | 24.36 1.12 0.00 | 22.40 0.92 0.00 | 20.61 0.62 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 19.24 0.70 0.00 | 17.62 0.63 0.00 | 15.99 0.57 0.00 | 15.17 0.54 0.00 | 16.36 0.55 0.00 | 18.64 0.65 0.00 | 22.97 0.84 0.00 | 26.84 1.11 -1.08 | 24.70 1.06 -1.00 | 22.72 1.10 0.00 | 21.97 0.97 0.00 | 21.54 1.01 0.00 | 21.65 0.99 0.00 | 22.29 1.00 0.00 | 22.69 1.10 0.00 | 23.61 1.27 -0.77 | 26.24 1.39 0.00 | 32.16 1.63 -1.43 | 33.51 1.72 0.00 | 32.95 1.63 0.00 | 29.33 1.40 0.00 | 24.36 1.12 0.00 | 22.47 0.99 0.00 | 20.61 0.62 0.00 |

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| SHOREHAM_IC_1 23715 | 20.56 2.00 -0.02 | 18.71 1.72 0.00 | 16.86 1.43 0.00 | 16.03 1.39 0.00 | 17.28 1.47 0.00 | 19.87 1.87 -0.01 | 24.30 2.17 0.00 | 28.78 2.91 -1.23 | 26.68 2.90 -1.14 | 24.47 2.85 0.00 | 25.01 2.52 -1.49 | 25.46 2.50 -2.42 | 25.83 2.46 -2.71 | 27.09 2.57 -3.23 | 30.21 2.79 -5.84 | 33.72 2.87 -9.28 | 48.34 3.33 -20.16 | 94.23 3.81 -61.33 | 53.61 4.07 -17.75 | 51.81 3.88 -16.60 | 51.73 3.46 -20.34 | 32.80 2.79 -6.77 | 26.74 2.49 -2.77 | 21.86 1.86 -0.01 |
| SHOREHAM_IC_2 23716 | 20.56 2.00 -0.02 | 18.71 1.72 0.00 | 16.86 1.43 0.00 | 16.03 1.39 0.00 | 17.28 1.47 0.00 | 19.87 1.87 -0.01 | 24.30 2.17 0.00 | 28.78 2.91 -1.23 | 26.68 2.90 -1.14 | 24.47 2.85 0.00 | 25.01 2.52 -1.49 | 25.46 2.50 -2.42 | 25.83 2.46 -2.71 | 27.09 2.57 -3.23 | 30.21 2.79 -5.84 | 33.72 2.87 -9.28 | 48.34 3.33 -20.16 | 94.23 3.81 -61.33 | 53.61 4.07 -17.75 | 51.81 3.88 -16.60 | 51.73 3.46 -20.34 | 32.80 2.79 -6.77 | 26.74 2.49 -2.77 | 21.86 1.86 -0.01 |
| SISSONVILLE____ 23735 | 17.98 -0.56 0.00 | 16.50 -0.49 0.00 | 14.97 -0.45 0.00 | 14.30 -0.34 0.00 | 15.46 -0.35 0.00 | 17.51 -0.49 0.00 | 21.29 -0.84 0.00 | 23.66 -0.99 0.00 | 21.73 -0.91 0.00 | 20.60 -1.02 0.00 | 20.06 -0.95 0.00 | 19.57 -0.97 0.00 | 19.71 -0.95 0.00 | 20.33 -0.96 0.00 | 20.62 -0.97 0.00 | 20.54 -1.04 0.00 | 23.68 -1.17 0.00 | 27.78 -1.31 0.00 | 30.55 -1.24 0.00 | 30.13 -1.19 0.00 | 27.06 -0.87 0.00 | 22.73 -0.51 0.00 | 21.07 -0.41 0.00 | 19.69 -0.30 0.00 |
| SITHE_IND_GS1 24169 | 18.29 -0.24 0.00 | 16.75 -0.24 0.00 | 15.17 -0.25 0.00 | 14.38 -0.25 0.00 | 15.56 -0.25 0.00 | 17.70 -0.29 0.00 | 21.80 -0.33 0.00 | 24.22 -0.52 -0.09 | 22.20 -0.52 -0.08 | 21.12 -0.50 0.00 | 20.50 -0.50 0.00 | 20.04 -0.49 0.00 | 20.14 -0.52 0.00 | 20.75 -0.53 0.00 | 21.07 -0.52 0.00 | 21.03 -0.60 -0.06 | 24.08 -0.77 0.00 | 28.33 -0.90 -0.13 | 30.77 -1.02 0.00 | 30.39 -0.94 0.00 | 27.06 -0.87 0.00 | 22.54 -0.70 0.00 | 20.84 -0.64 0.00 | 19.61 -0.38 0.00 |
| SITHE_IND_GS2 24170 | 18.29 -0.24 0.00 | 16.75 -0.24 0.00 | 15.17 -0.25 0.00 | 14.38 -0.25 0.00 | 15.56 -0.25 0.00 | 17.70 -0.29 0.00 | 21.80 -0.33 0.00 | 24.22 -0.52 -0.09 | 22.20 -0.52 -0.08 | 21.12 -0.50 0.00 | 20.50 -0.50 0.00 | 20.04 -0.49 0.00 | 20.14 -0.52 0.00 | 20.75 -0.53 0.00 | 21.07 -0.52 0.00 | 21.03 -0.60 -0.06 | 24.08 -0.77 0.00 | 28.33 -0.90 -0.13 | 30.77 -1.02 0.00 | 30.39 -0.94 0.00 | 27.06 -0.87 0.00 | 22.54 -0.70 0.00 | 20.84 -0.64 0.00 | 19.61 -0.38 0.00 |
| SITHE_IND_GS3 24171 | 18.29 -0.24 0.00 | 16.75 -0.24 0.00 | 15.17 -0.25 0.00 | 14.38 -0.25 0.00 | 15.56 -0.25 0.00 | 17.70 -0.29 0.00 | 21.80 -0.33 0.00 | 24.22 -0.52 -0.09 | 22.20 -0.52 -0.08 | 21.12 -0.50 0.00 | 20.50 -0.50 0.00 | 20.04 -0.49 0.00 | 20.14 -0.52 0.00 | 20.75 -0.53 0.00 | 21.07 -0.52 0.00 | 21.03 -0.60 -0.06 | 24.08 -0.77 0.00 | 28.33 -0.90 -0.13 | 30.77 -1.02 0.00 | 30.39 -0.94 0.00 | 27.06 -0.87 0.00 | 22.54 -0.70 0.00 | 20.84 -0.64 0.00 | 19.61 -0.38 0.00 |
| SITHE_IND_GS4 24172 | 18.29 -0.24 0.00 | 16.75 -0.24 0.00 | 15.17 -0.25 0.00 | 14.38 -0.25 0.00 | 15.56 -0.25 0.00 | 17.70 -0.29 0.00 | 21.80 -0.33 0.00 | 24.22 -0.52 -0.09 | 22.20 -0.52 -0.08 | 21.12 -0.50 0.00 | 20.50 -0.50 0.00 | 20.04 -0.49 0.00 | 20.14 -0.52 0.00 | 20.75 -0.53 0.00 | 21.07 -0.52 0.00 | 21.03 -0.60 -0.06 | 24.08 -0.77 0.00 | 28.33 -0.90 -0.13 | 30.77 -1.02 0.00 | 30.39 -0.94 0.00 | 27.06 -0.87 0.00 | 22.54 -0.70 0.00 | 20.84 -0.64 0.00 | 19.61 -0.38 0.00 |
| SITHE____BATAVIA 24024 | 19.67 1.13 0.00 | 17.91 0.92 0.00 | 16.15 0.72 0.00 | 15.29 0.66 0.00 | 16.57 0.76 0.00 | 18.76 0.77 0.00 | 23.02 0.89 0.00 | 24.98 0.20 -0.14 | 22.97 0.20 -0.13 | 21.94 0.32 0.00 | 21.23 0.23 0.00 | 20.76 0.23 0.00 | 20.79 0.12 0.00 | 21.50 0.21 0.00 | 21.80 0.22 0.00 | 21.98 0.30 -0.11 | 24.85 0.00 0.00 | 29.33 0.00 -0.23 | 31.66 -0.13 0.00 | 31.57 0.25 0.00 | 27.82 -0.11 0.00 | 23.38 0.14 0.00 | 21.52 0.04 0.00 | 20.53 0.54 0.00 |
| SITHE____INDEPEND 23800 | 18.29 -0.24 0.00 | 16.75 -0.24 0.00 | 15.17 -0.25 0.00 | 14.40 -0.23 0.00 | 15.57 -0.24 0.00 | 17.70 -0.29 0.00 | 21.80 -0.33 0.00 | 24.22 -0.52 -0.09 | 22.20 -0.52 -0.08 | 21.12 -0.50 0.00 | 20.50 -0.50 0.00 | 20.02 -0.51 0.00 | 20.14 -0.52 0.00 | 20.75 -0.53 0.00 | 20.98 -0.60 0.00 | 21.03 -0.60 -0.06 | 24.11 -0.75 0.00 | 28.32 -0.90 -0.13 | 30.77 -1.02 0.00 | 30.35 -0.97 0.00 | 27.06 -0.87 0.00 | 22.57 -0.67 0.00 | 20.90 -0.58 0.00 | 19.61 -0.38 0.00 |
| SITHE____MASSENA 23902 | 18.15 -0.39 0.00 | 16.65 -0.34 0.00 | 15.10 -0.32 0.00 | 14.40 -0.23 0.00 | 15.56 -0.25 0.00 | 17.67 -0.32 0.00 | 21.60 -0.53 0.00 | 24.08 -0.57 0.00 | 22.14 -0.50 0.00 | 21.08 -0.54 0.00 | 20.58 -0.42 0.00 | 20.10 -0.43 0.00 | 20.25 -0.41 0.00 | 20.86 -0.43 0.00 | 21.07 -0.52 0.00 | 21.08 -0.50 0.00 | 24.26 -0.60 0.00 | 28.45 -0.64 0.00 | 31.15 -0.64 0.00 | 30.73 -0.60 0.00 | 27.48 -0.45 0.00 | 22.89 -0.35 0.00 | 21.31 -0.17 0.00 | 19.79 -0.20 0.00 |
| SITHE____OGDNSBRG 24021 | 18.20 -0.33 0.00 | 16.72 -0.27 0.00 | 15.16 -0.26 0.00 | 14.46 -0.18 0.00 | 15.64 -0.17 0.00 | 17.76 -0.23 0.00 | 21.71 -0.42 0.00 | 24.18 -0.47 0.00 | 22.18 -0.45 0.00 | 21.08 -0.54 0.00 | 20.52 -0.48 0.00 | 20.00 -0.53 0.00 | 20.12 -0.54 0.00 | 20.77 -0.51 0.00 | 21.09 -0.50 0.00 | 20.99 -0.58 0.00 | 24.23 -0.62 0.00 | 28.43 -0.67 0.00 | 31.28 -0.51 0.00 | 30.85 -0.47 0.00 | 27.65 -0.28 0.00 | 23.10 -0.14 0.00 | 21.31 -0.17 0.00 | 19.93 -0.06 0.00 |
| SITHE____STERLING 23777 | 19.07 0.54 0.00 | 17.48 0.49 0.00 | 15.85 0.43 0.00 | 15.03 0.40 0.00 | 16.28 0.47 0.00 | 18.55 0.56 0.00 | 22.93 0.80 0.00 | 25.41 0.69 -0.08 | 23.27 0.57 -0.07 | 22.09 0.47 0.00 | 21.38 0.38 0.00 | 20.88 0.35 0.00 | 20.97 0.31 0.00 | 21.62 0.34 0.00 | 21.95 0.37 0.00 | 22.02 0.39 -0.05 | 25.35 0.50 0.00 | 29.76 0.55 -0.11 | 32.52 0.73 0.00 | 32.07 0.75 0.00 | 28.57 0.64 0.00 | 23.80 0.56 0.00 | 21.91 0.43 0.00 | 20.49 0.50 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 19.30 0.76 0.00 | 17.64 0.65 0.00 | 15.95 0.52 0.00 | 15.10 0.47 0.00 | 16.38 0.57 0.00 | 18.60 0.61 0.00 | 23.06 0.93 0.00 | 25.56 0.76 -0.15 | 23.41 0.63 -0.14 | 22.22 0.61 0.00 | 21.51 0.50 0.00 | 20.96 0.43 0.00 | 21.09 0.43 0.00 | 21.77 0.49 0.00 | 22.04 0.45 0.00 | 22.19 0.52 -0.10 | 25.42 0.57 0.00 | 29.98 0.67 -0.21 | 32.43 0.64 0.00 | 32.11 0.78 0.00 | 28.60 0.67 0.00 | 23.85 0.60 0.00 | 21.95 0.47 0.00 | 20.53 0.54 0.00 |
| SOUTH CAIRO____GT 23612 | 19.44 0.91 0.00 | 17.87 0.88 0.00 | 16.25 0.83 0.00 | 15.39 0.76 0.00 | 16.65 0.84 0.00 | 18.91 0.92 0.00 | 23.30 1.17 0.00 | 27.27 1.21 -1.41 | 24.82 0.88 -1.30 | 22.53 0.91 0.00 | 21.78 0.78 0.00 | 21.25 0.72 0.00 | 21.47 0.80 0.00 | 22.11 0.83 0.00 | 22.54 0.95 0.00 | 23.52 0.95 -1.00 | 26.05 1.19 0.00 | 32.67 1.63 -1.95 | 33.98 2.19 0.00 | 33.61 2.29 0.00 | 29.88 1.95 0.00 | 24.66 1.42 0.00 | 22.58 1.09 0.00 | 20.77 0.78 0.00 |
| SOUTH HAMPTN____IC 23720 | 20.79 2.24 -0.02 | 18.94 1.95 0.00 | 17.04 1.62 0.00 | 16.22 1.58 0.00 | 17.49 1.68 0.00 | 20.10 2.10 -0.01 | 24.59 2.46 0.00 | 29.18 3.30 -1.23 | 27.04 3.26 -1.14 | 24.84 3.22 0.00 | 25.39 2.90 -1.49 | 25.83 2.87 -2.42 | 26.18 2.81 -2.71 | 27.45 2.94 -3.23 | 30.60 3.17 -5.84 | 34.11 3.26 -9.28 | 48.74 3.78 -20.11 | 92.90 4.34 -59.47 | 54.15 4.61 -17.75 | 52.37 4.45 -16.60 | 51.46 3.94 -19.59 | 33.20 3.18 -6.77 | 27.09 2.84 -2.77 | 22.12 2.12 -0.01 |

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| SOUTHDOWN_115KV_TB1 355954 | 20.18 1.65 0.00 | 18.35 1.36 0.00 | 16.52 1.09 0.00 | 15.75 1.11 0.00 | 17.00 1.19 0.00 | 19.23 1.24 0.00 | 23.72 1.59 0.00 | 25.67 0.86 -0.16 | 23.65 0.86 -0.15 | 22.96 1.34 0.00 | 22.18 1.18 0.00 | 21.52 0.99 0.00 | 21.67 1.01 0.00 | 22.35 1.06 0.00 | 22.62 1.04 0.00 | 22.39 0.69 -0.13 | 25.82 0.97 0.00 | 30.28 0.96 -0.22 | 32.77 0.99 0.01 | 32.67 1.35 0.00 | 28.91 0.98 0.00 | 24.29 1.05 0.00 | 22.30 0.82 0.00 | 21.13 1.14 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 21.13 2.58 -0.02 | 19.23 2.24 0.00 | 17.23 1.80 0.00 | 16.45 1.81 0.00 | 17.74 1.93 0.00 | 20.42 2.43 0.00 | 24.99 2.85 0.00 | 29.60 3.72 -1.23 | 27.42 3.64 -1.13 | 25.10 3.48 0.00 | 25.77 3.28 -1.49 | 26.15 3.20 -2.42 | 26.55 3.18 -2.71 | 27.81 3.30 -3.23 | 30.94 3.52 -5.84 | 34.61 3.75 -9.28 | 49.29 4.32 -20.11 | 93.65 5.06 -59.49 | 54.91 5.37 -17.75 | 53.13 5.20 -16.60 | 52.00 4.47 -19.60 | 33.61 3.60 -6.77 | 27.50 3.24 -2.77 | 22.47 2.48 0.00 |
| SOUTHOLD___IC 23719 | 21.13 2.58 -0.02 | 19.23 2.24 0.00 | 17.29 1.87 0.00 | 16.45 1.81 0.00 | 17.76 1.94 0.00 | 20.43 2.43 -0.01 | 24.99 2.86 0.00 | 29.60 3.72 -1.23 | 27.42 3.65 -1.14 | 25.23 3.61 0.00 | 25.77 3.28 -1.49 | 26.19 3.24 -2.42 | 26.55 3.18 -2.71 | 27.81 3.30 -3.23 | 30.98 3.56 -5.84 | 34.54 3.69 -9.28 | 49.26 4.30 -20.11 | 93.53 4.95 -59.49 | 54.85 5.31 -17.75 | 53.03 5.11 -16.60 | 52.00 4.47 -19.60 | 33.61 3.60 -6.77 | 27.45 3.20 -2.77 | 22.48 2.48 -0.01 |
| SPIERFLS_115KV_TB 1 80737 | 19.81 1.28 0.00 | 18.11 1.12 0.00 | 16.44 1.02 0.00 | 15.57 0.94 0.00 | 16.87 1.06 0.00 | 19.27 1.28 0.00 | 23.83 1.70 0.00 | 28.10 1.92 -1.53 | 25.72 1.68 -1.41 | 23.17 1.56 0.00 | 22.39 1.39 0.00 | 21.89 1.36 0.00 | 22.13 1.47 0.00 | 22.73 1.45 0.00 | 22.45 0.86 0.00 | 23.39 0.73 -1.08 | 25.50 0.65 0.00 | 32.38 1.16 -2.12 | 33.25 1.46 0.00 | 32.86 1.53 0.00 | 29.52 1.59 0.00 | 24.38 1.14 0.00 | 22.96 1.48 0.00 | 21.19 1.20 0.00 |
| ST LAWRENCE____ 23600 | 18.00 -0.54 0.00 | 16.51 -0.48 0.00 | 14.99 -0.43 0.00 | 14.27 -0.37 0.00 | 15.42 -0.39 0.00 | 17.52 -0.47 0.00 | 21.47 -0.66 0.00 | 23.96 -0.69 0.00 | 22.03 -0.61 0.00 | 20.99 -0.63 0.00 | 20.50 -0.50 0.00 | 20.02 -0.51 0.00 | 20.16 -0.50 0.00 | 20.77 -0.51 0.00 | 20.98 -0.60 0.00 | 20.99 -0.58 0.00 | 24.16 -0.70 0.00 | 28.31 -0.78 0.00 | 31.00 -0.79 0.00 | 30.54 -0.78 0.00 | 27.29 -0.64 0.00 | 22.71 -0.53 0.00 | 21.12 -0.37 0.00 | 19.61 -0.38 0.00 |
| STATE_CA_115KV_115_LB 55624 | 18.98 0.44 0.00 | 17.47 0.48 0.00 | 15.91 0.49 0.00 | 15.09 0.45 0.00 | 16.25 0.44 0.00 | 18.49 0.50 0.00 | 22.71 0.58 0.00 | 26.91 0.76 -1.50 | 24.66 0.63 -1.39 | 22.20 0.58 0.00 | 21.49 0.48 0.00 | 21.05 0.51 0.00 | 21.22 0.56 0.00 | 21.82 0.53 0.00 | 22.17 0.58 0.00 | 23.33 0.69 -1.06 | 25.57 0.72 0.00 | 32.19 1.02 -2.08 | 32.93 1.14 0.00 | 32.42 1.10 0.00 | 28.91 0.98 0.00 | 23.94 0.70 0.00 | 22.06 0.58 0.00 | 20.31 0.32 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 18.98 0.44 0.00 | 17.36 0.37 0.00 | 15.71 0.29 0.00 | 14.90 0.26 0.00 | 16.13 0.32 0.00 | 18.31 0.32 0.00 | 22.68 0.55 0.00 | 25.37 0.57 -0.16 | 23.21 0.43 -0.14 | 22.03 0.41 0.00 | 21.34 0.34 0.00 | 20.80 0.27 0.00 | 20.93 0.27 0.00 | 21.58 0.30 0.00 | 21.85 0.26 0.00 | 21.99 0.30 -0.11 | 25.23 0.37 0.00 | 29.76 0.44 -0.23 | 32.20 0.41 0.00 | 31.86 0.53 0.00 | 28.43 0.50 0.00 | 23.71 0.46 0.00 | 21.87 0.39 0.00 | 20.27 0.28 0.00 |
| STATION 5_MISC_HYD 23604 | 19.18 0.65 0.00 | 17.50 0.51 0.00 | 15.82 0.40 0.00 | 14.98 0.35 0.00 | 16.22 0.41 0.00 | 18.40 0.41 0.00 | 22.60 0.47 0.00 | 24.86 0.07 -0.14 | 22.88 0.11 -0.13 | 21.73 0.11 0.00 | 21.07 0.06 0.00 | 20.59 0.06 0.00 | 20.66 0.00 0.00 | 21.33 0.04 0.00 | 21.63 0.04 0.00 | 21.84 0.17 -0.10 | 24.70 -0.15 0.00 | 29.15 -0.17 -0.23 | 31.47 -0.32 0.00 | 31.26 -0.06 0.00 | 27.65 -0.28 0.00 | 23.17 -0.07 0.00 | 21.35 -0.13 0.00 | 20.23 0.24 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 19.18 0.65 0.00 | 17.50 0.51 0.00 | 15.82 0.40 0.00 | 15.01 0.38 0.00 | 16.25 0.44 0.00 | 18.46 0.47 0.00 | 22.77 0.64 0.00 | 25.08 0.30 -0.14 | 22.99 0.23 -0.13 | 21.86 0.24 0.00 | 21.17 0.17 0.00 | 20.61 0.08 0.00 | 20.76 0.10 0.00 | 21.43 0.15 0.00 | 21.74 0.15 0.00 | 21.91 0.24 -0.10 | 25.03 0.17 0.00 | 29.42 0.12 -0.21 | 31.82 0.03 0.00 | 31.54 0.22 0.00 | 28.01 0.08 0.00 | 23.43 0.19 0.00 | 21.59 0.11 0.00 | 20.29 0.30 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 19.02 0.48 0.00 | 17.35 0.36 0.00 | 15.68 0.26 0.00 | 14.90 0.26 0.00 | 16.10 0.28 0.00 | 18.26 0.27 0.00 | 22.44 0.31 0.00 | 24.69 -0.10 -0.14 | 22.72 -0.05 -0.13 | 21.60 -0.02 0.00 | 20.92 -0.08 0.00 | 20.35 -0.18 0.00 | 20.52 -0.14 0.00 | 21.18 -0.11 0.00 | 21.48 -0.11 0.00 | 21.69 0.02 -0.10 | 24.63 -0.22 0.00 | 28.86 -0.44 -0.20 | 31.22 -0.57 0.00 | 30.98 -0.34 0.00 | 27.48 -0.45 0.00 | 23.06 -0.19 0.00 | 21.25 -0.24 0.00 | 20.07 0.08 0.00 |
| STA_56___34_KV_BUS2 355983 | 19.02 0.48 0.00 | 17.35 0.36 0.00 | 15.68 0.26 0.00 | 14.90 0.26 0.00 | 16.10 0.28 0.00 | 18.26 0.27 0.00 | 22.44 0.31 0.00 | 24.69 -0.10 -0.14 | 22.72 -0.05 -0.13 | 21.60 -0.02 0.00 | 20.92 -0.08 0.00 | 20.35 -0.18 0.00 | 20.52 -0.14 0.00 | 21.18 -0.11 0.00 | 21.48 -0.11 0.00 | 21.69 0.02 -0.10 | 24.63 -0.22 0.00 | 28.86 -0.44 -0.20 | 31.22 -0.57 0.00 | 30.98 -0.34 0.00 | 27.48 -0.45 0.00 | 23.06 -0.19 0.00 | 21.25 -0.24 0.00 | 20.07 0.08 0.00 |
| STA_67___115KV_BK2 355882 | 19.15 0.61 0.00 | 17.47 0.48 0.00 | 15.79 0.37 0.00 | 15.00 0.37 0.00 | 16.21 0.40 0.00 | 18.37 0.38 0.00 | 22.55 0.42 0.00 | 24.81 0.02 -0.14 | 22.81 0.05 -0.13 | 21.68 0.06 0.00 | 21.00 0.00 0.00 | 20.45 -0.08 0.00 | 20.60 -0.06 0.00 | 21.29 0.00 0.00 | 21.56 -0.02 0.00 | 21.80 0.13 -0.10 | 24.70 -0.15 0.00 | 28.98 -0.32 -0.21 | 31.31 -0.48 0.00 | 31.07 -0.25 0.00 | 27.57 -0.36 0.00 | 23.15 -0.09 0.00 | 21.33 -0.15 0.00 | 20.19 0.20 0.00 |
| STA_7___115KV_9TRANS 80674 | 19.28 0.74 0.00 | 17.57 0.58 0.00 | 15.87 0.45 0.00 | 15.09 0.45 0.00 | 16.30 0.49 0.00 | 18.48 0.49 0.00 | 22.71 0.58 0.00 | 24.98 0.20 -0.14 | 22.97 0.20 -0.13 | 21.86 0.24 0.00 | 21.17 0.17 0.00 | 20.59 0.06 0.00 | 20.74 0.08 0.00 | 21.43 0.15 0.00 | 21.74 0.15 0.00 | 21.97 0.30 -0.10 | 24.93 0.07 0.00 | 29.21 -0.09 -0.21 | 31.60 -0.19 0.00 | 31.36 0.03 0.00 | 27.79 -0.14 0.00 | 23.33 0.09 0.00 | 21.50 0.02 0.00 | 20.31 0.32 0.00 |
| STA_82___115KV_TB1 80780 | 19.17 0.63 0.00 | 17.48 0.49 0.00 | 15.79 0.37 0.00 | 15.01 0.38 0.00 | 16.22 0.41 0.00 | 18.37 0.38 0.00 | 22.57 0.44 0.00 | 24.81 0.02 -0.14 | 22.83 0.07 -0.13 | 21.70 0.09 0.00 | 21.02 0.02 0.00 | 20.45 -0.08 0.00 | 20.62 -0.04 0.00 | 21.31 0.02 0.00 | 21.59 0.00 0.00 | 21.82 0.15 -0.10 | 24.73 -0.12 0.00 | 29.01 -0.29 -0.21 | 31.31 -0.48 0.00 | 31.07 -0.25 0.00 | 27.59 -0.34 0.00 | 23.15 -0.09 0.00 | 21.35 -0.13 0.00 | 20.21 0.22 0.00 |
| STEEL___WIND 323596 | 19.54 1.00 0.00 | 17.81 0.82 0.00 | 16.05 0.63 0.00 | 15.23 0.60 0.00 | 16.47 0.66 0.00 | 18.64 0.65 0.00 | 22.86 0.73 0.00 | 24.68 -0.12 -0.15 | 22.73 -0.05 -0.14 | 21.90 0.28 0.00 | 21.21 0.21 0.00 | 20.76 0.23 0.00 | 20.79 0.12 0.00 | 21.45 0.17 0.00 | 21.69 0.11 0.00 | 21.65 -0.04 -0.12 | 24.70 -0.15 0.00 | 29.11 -0.23 -0.25 | 31.37 -0.41 0.01 | 31.29 -0.03 0.00 | 27.62 -0.31 0.00 | 23.24 0.00 0.00 | 21.44 -0.04 0.00 | 20.45 0.46 0.00 |

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|--|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| STEPHTWN_115KV_BK_2 55603 | 19.13 0.59 0.00 | 17.60 0.61 0.00 | 16.04 0.62 0.00 | 15.19 0.56 0.00 | 16.38 0.57 0.00 | 18.66 0.67 0.00 | 22.93 0.80 0.00 | 27.12 0.99 -1.49 | 24.85 0.84 -1.37 | 22.37 0.76 0.00 | 21.63 0.63 0.00 | 21.17 0.64 0.00 | 21.38 0.72 0.00 | 21.97 0.68 0.00 | 22.32 0.73 0.00 | 23.49 0.86 -1.06 | 25.75 0.89 0.00 | 32.44 1.28 -2.06 | 33.28 1.49 0.00 | 32.77 1.44 0.00 | 29.19 1.26 0.00 | 24.17 0.93 0.00 | 22.23 0.75 0.00 | 20.47 0.48 0.00 |
| STEBEN_REC_LFGE 323667 | 19.80 1.26 0.00 | 18.03 1.04 0.00 | 16.27 0.85 0.00 | 15.45 0.82 0.00 | 16.74 0.93 0.00 | 18.96 0.97 0.00 | 23.50 1.37 0.00 | 25.44 0.59 -0.20 | 23.32 0.50 -0.19 | 22.40 0.78 0.00 | 21.63 0.63 0.00 | 20.98 0.45 0.00 | 21.16 0.50 0.00 | 21.88 0.60 0.00 | 22.17 0.58 0.00 | 22.09 0.37 -0.15 | 25.42 0.57 0.00 | 30.23 0.84 -0.29 | 32.58 0.79 0.00 | 32.36 1.03 0.00 | 28.85 0.92 0.00 | 24.19 0.95 0.00 | 22.21 0.73 0.00 | 20.93 0.94 0.00 |
| STONY__BROOK 24151 | 20.42 1.87 -0.02 | 18.62 1.63 0.00 | 16.79 1.37 0.00 | 15.95 1.32 0.00 | 17.20 1.39 0.00 | 19.77 1.76 -0.01 | 24.21 2.08 0.00 | 28.68 2.81 -1.23 | 26.59 2.81 -1.14 | 24.43 2.81 0.00 | 24.99 2.50 -1.49 | 25.44 2.48 -2.42 | 25.85 2.48 -2.71 | 27.05 2.53 -3.23 | 30.19 2.76 -5.84 | 33.68 2.83 -9.28 | 48.48 3.16 -20.47 | 106.05 3.58 -73.37 | 53.32 3.78 -17.75 | 51.56 3.63 -16.60 | 56.37 3.29 -25.15 | 32.75 2.74 -6.77 | 26.68 2.43 -2.77 | 21.76 1.76 -0.01 |
| STURGEON_POOL_HYD 23609 | 19.52 0.98 0.00 | 17.87 0.88 0.00 | 16.21 0.79 0.00 | 15.36 0.73 0.00 | 16.59 0.77 0.00 | 18.87 0.88 0.00 | 23.26 1.13 0.00 | 27.15 1.26 -1.24 | 25.03 1.25 -1.15 | 23.04 1.43 0.00 | 22.28 1.28 0.00 | 21.85 1.31 0.00 | 21.90 1.24 0.00 | 22.56 1.28 0.00 | 23.01 1.42 0.00 | 23.97 1.51 -0.88 | 26.62 1.76 0.00 | 32.63 1.83 -1.70 | 33.95 2.16 0.00 | 33.39 2.07 0.00 | 29.69 1.76 0.00 | 24.64 1.39 0.00 | 22.68 1.20 0.00 | 20.83 0.84 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 19.35 0.82 0.00 | 17.72 0.73 0.00 | 16.10 0.68 0.00 | 15.26 0.63 0.00 | 16.47 0.66 0.00 | 18.76 0.77 0.00 | 23.13 1.00 0.00 | 27.06 1.28 -1.13 | 24.95 1.27 -1.04 | 22.89 1.28 0.00 | 22.14 1.13 0.00 | 21.70 1.17 0.00 | 21.82 1.16 0.00 | 22.48 1.19 0.00 | 22.88 1.30 0.00 | 23.84 1.47 -0.80 | 26.39 1.54 0.00 | 32.39 1.80 -1.49 | 33.67 1.88 0.00 | 33.11 1.79 0.00 | 29.44 1.51 0.00 | 24.45 1.21 0.00 | 22.56 1.07 0.00 | 20.67 0.68 0.00 |
| SWANROAD_115KV_TB1 355699 | 19.05 0.52 0.00 | 17.38 0.39 0.00 | 15.67 0.25 0.00 | 14.94 0.31 0.00 | 16.11 0.30 0.00 | 18.17 0.18 0.00 | 22.22 0.09 0.00 | 23.98 -0.81 -0.14 | 22.11 -0.66 -0.13 | 21.19 -0.43 0.00 | 20.50 -0.50 0.00 | 19.92 -0.62 0.00 | 20.08 -0.58 0.00 | 20.75 -0.53 0.00 | 21.03 -0.56 0.00 | 21.15 -0.54 -0.12 | 23.91 -0.94 0.00 | 27.95 -1.34 -0.19 | 30.10 -1.68 0.01 | 29.95 -1.38 0.00 | 26.62 -1.31 0.00 | 22.47 -0.77 0.00 | 20.71 -0.77 0.00 | 19.91 -0.08 0.00 |
| SYNERGY__BIOGAS 323694 | 19.67 1.13 0.00 | 17.91 0.92 0.00 | 16.15 0.72 0.00 | 15.29 0.66 0.00 | 16.57 0.76 0.00 | 18.76 0.77 0.00 | 23.02 0.89 0.00 | 24.98 0.20 -0.14 | 22.97 0.20 -0.13 | 21.94 0.32 0.00 | 21.23 0.23 0.00 | 20.76 0.23 0.00 | 20.79 0.12 0.00 | 21.50 0.21 0.00 | 21.80 0.22 0.00 | 21.98 0.30 -0.11 | 24.85 0.00 0.00 | 29.33 0.00 -0.23 | 31.66 -0.13 0.00 | 31.57 0.25 0.00 | 27.82 -0.11 0.00 | 23.38 0.14 0.00 | 21.52 0.04 0.00 | 20.53 0.54 0.00 |
| SYRACUSE__ENERGY_ST1 323597 | 18.83 0.30 0.00 | 17.23 0.24 0.00 | 15.61 0.19 0.00 | 14.78 0.15 0.00 | 16.00 0.19 0.00 | 18.19 0.20 0.00 | 22.48 0.35 0.00 | 24.98 0.20 -0.13 | 22.89 0.14 -0.12 | 21.75 0.13 0.00 | 21.07 0.06 0.00 | 20.55 0.02 0.00 | 20.70 0.04 0.00 | 21.33 0.04 0.00 | 21.59 0.00 0.00 | 21.69 0.02 -0.09 | 24.85 0.00 0.00 | 29.28 0.00 -0.19 | 31.73 -0.06 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.31 0.07 0.00 | 21.55 0.06 0.00 | 20.15 0.16 0.00 |
| SYRACUSE__ENERGY_ST2 323598 | 18.83 0.30 0.00 | 17.23 0.24 0.00 | 15.61 0.19 0.00 | 14.78 0.15 0.00 | 16.00 0.19 0.00 | 18.19 0.20 0.00 | 22.48 0.35 0.00 | 24.98 0.20 -0.13 | 22.89 0.14 -0.12 | 21.75 0.13 0.00 | 21.07 0.06 0.00 | 20.55 0.02 0.00 | 20.70 0.04 0.00 | 21.33 0.04 0.00 | 21.59 0.00 0.00 | 21.69 0.02 -0.09 | 24.85 0.00 0.00 | 29.28 0.00 -0.19 | 31.73 -0.06 0.00 | 31.36 0.03 0.00 | 27.96 0.03 0.00 | 23.31 0.07 0.00 | 21.55 0.06 0.00 | 20.15 0.16 0.00 |
| SYRACUSE__POWER 24017 | 18.72 0.19 0.00 | 17.13 0.14 0.00 | 15.51 0.09 0.00 | 14.71 0.07 0.00 | 15.91 0.09 0.00 | 18.08 0.09 0.00 | 22.35 0.22 0.00 | 24.86 0.07 -0.14 | 22.81 0.05 -0.13 | 21.64 0.02 0.00 | 20.98 -0.02 0.00 | 20.47 -0.06 0.00 | 20.60 -0.06 0.00 | 21.24 -0.04 0.00 | 21.50 -0.09 0.00 | 21.61 -0.06 -0.10 | 24.75 -0.10 0.00 | 29.15 -0.15 -0.20 | 31.60 -0.19 0.00 | 31.20 -0.13 0.00 | 27.82 -0.11 0.00 | 23.19 -0.05 0.00 | 21.42 -0.06 0.00 | 20.03 0.04 0.00 |
| TALLMAN_138KV_BK151 55660 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.18 0.76 0.00 | 15.35 0.72 0.00 | 16.54 0.73 0.00 | 18.85 0.86 0.00 | 23.24 1.11 0.00 | 27.28 1.45 -1.17 | 25.19 1.47 -1.08 | 23.11 1.49 0.00 | 22.35 1.34 0.00 | 21.93 1.40 0.00 | 22.02 1.36 0.00 | 22.69 1.40 0.00 | 23.12 1.53 0.00 | 24.11 1.70 -0.83 | 26.69 1.84 0.00 | 32.76 2.12 -1.54 | 33.98 2.19 0.00 | 33.39 2.07 0.00 | 29.69 1.76 0.00 | 24.66 1.42 0.00 | 22.71 1.22 0.00 | 20.77 0.78 0.00 |
| TEALLAVE_115KV_TB7 355573 | 18.66 0.13 0.00 | 17.07 0.08 0.00 | 15.47 0.05 0.00 | 14.66 0.03 0.00 | 15.87 0.06 0.00 | 18.03 0.04 0.00 | 22.29 0.15 0.00 | 24.74 -0.02 -0.12 | 22.70 -0.05 -0.11 | 21.55 -0.06 0.00 | 20.90 -0.11 0.00 | 20.41 -0.12 0.00 | 20.54 -0.12 0.00 | 21.18 -0.11 0.00 | 21.41 -0.17 0.00 | 21.51 -0.15 -0.08 | 24.63 -0.22 0.00 | 28.97 -0.29 -0.17 | 31.44 -0.35 0.00 | 31.04 -0.28 0.00 | 27.68 -0.25 0.00 | 23.08 -0.16 0.00 | 21.33 -0.15 0.00 | 19.97 -0.02 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 19.44 0.91 0.00 | 17.72 0.73 0.00 | 15.98 0.56 0.00 | 15.22 0.59 0.00 | 16.43 0.62 0.00 | 18.57 0.58 0.00 | 22.73 0.60 0.00 | 24.57 -0.22 -0.14 | 22.63 -0.14 -0.13 | 21.68 0.06 0.00 | 20.96 -0.04 0.00 | 20.35 -0.18 0.00 | 20.54 -0.12 0.00 | 21.22 -0.06 0.00 | 21.52 -0.06 0.00 | 21.64 -0.04 -0.11 | 24.53 -0.32 0.00 | 28.65 -0.64 -0.19 | 30.93 -0.86 0.01 | 30.79 -0.53 0.00 | 27.32 -0.61 0.00 | 23.03 -0.21 0.00 | 21.18 -0.30 0.00 | 20.29 0.30 0.00 |
| TEMPLE__115KV_TB 2 55572 | 18.66 0.13 0.00 | 17.07 0.08 0.00 | 15.48 0.06 0.00 | 14.66 0.03 0.00 | 15.87 0.06 0.00 | 18.04 0.05 0.00 | 22.29 0.15 0.00 | 24.77 0.00 -0.12 | 22.70 -0.05 -0.11 | 21.57 -0.04 0.00 | 20.92 -0.08 0.00 | 20.41 -0.12 0.00 | 20.54 -0.12 0.00 | 21.18 -0.11 0.00 | 21.41 -0.17 0.00 | 21.51 -0.15 -0.09 | 24.65 -0.20 0.00 | 29.01 -0.26 -0.17 | 31.44 -0.35 0.00 | 31.04 -0.28 0.00 | 27.68 -0.25 0.00 | 23.08 -0.16 0.00 | 21.33 -0.15 0.00 | 19.97 -0.02 0.00 |
| TIANA__69_KV_BK 1 55817 | 20.72 2.17 -0.02 | 18.86 1.87 0.00 | 16.92 1.50 0.00 | 16.14 1.51 0.00 | 17.42 1.61 0.00 | 20.02 2.03 0.00 | 24.50 2.37 0.00 | 29.08 3.20 -1.23 | 26.94 3.17 -1.13 | 24.60 2.98 0.00 | 25.31 2.81 -1.49 | 25.66 2.71 -2.42 | 26.08 2.71 -2.71 | 27.37 2.85 -3.23 | 30.45 3.02 -5.84 | 34.05 3.19 -9.28 | 48.62 3.65 -20.11 | 92.86 4.28 -59.49 | 54.05 4.51 -17.75 | 52.28 4.35 -16.60 | 51.30 3.77 -19.60 | 33.08 3.07 -6.77 | 27.05 2.79 -2.77 | 22.03 2.04 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| TILDEN___115KV_TB1 80814 | 18.72 0.19 0.00 | 17.13 0.14 0.00 | 15.51 0.09 0.00 | 14.71 0.07 0.00 | 15.91 0.09 0.00 | 18.08 0.09 0.00 | 22.35 0.22 0.00 | 24.86 0.07 -0.14 | 22.81 0.05 -0.13 | 21.64 0.02 0.00 | 20.98 -0.02 0.00 | 20.47 -0.06 0.00 | 20.60 -0.06 0.00 | 21.24 -0.04 0.00 | 21.50 -0.09 0.00 | 21.61 -0.06 -0.10 | 24.75 -0.10 0.00 | 29.15 -0.15 -0.20 | 31.60 -0.19 0.00 | 31.20 -0.13 0.00 | 27.82 -0.11 0.00 | 23.19 -0.05 0.00 | 21.42 -0.06 0.00 | 20.03 0.04 0.00 |
| TRIGEN___CC 323695 | 19.89 1.33 -0.02 | 18.18 1.19 0.00 | 16.39 0.97 0.00 | 15.60 0.97 0.00 | 16.82 1.01 0.00 | 19.27 1.28 0.00 | 23.68 1.55 0.00 | 27.87 2.00 -1.23 | 25.81 2.04 -1.13 | 23.65 2.03 0.00 | 24.32 1.83 -1.49 | 24.80 1.85 -2.42 | 25.21 1.84 -2.71 | 26.39 1.87 -3.23 | 29.43 2.01 -5.84 | 32.99 2.14 -9.28 | 46.29 2.41 -19.03 | 49.82 2.73 -17.99 | 52.42 2.89 -17.74 | 50.67 2.76 -16.59 | 33.30 2.35 -3.03 | 31.92 1.91 -6.77 | 25.99 1.74 -2.77 | 21.23 1.24 0.00 |
| TRINITY__115KV__4 BK 55933 | 18.92 0.39 0.00 | 17.41 0.42 0.00 | 15.88 0.46 0.00 | 15.04 0.41 0.00 | 16.21 0.40 0.00 | 18.46 0.47 0.00 | 22.64 0.51 0.00 | 26.83 0.69 -1.49 | 24.58 0.57 -1.38 | 22.14 0.52 0.00 | 21.42 0.42 0.00 | 20.98 0.45 0.00 | 21.16 0.50 0.00 | 21.75 0.47 0.00 | 22.10 0.52 0.00 | 23.26 0.63 -1.06 | 25.52 0.67 0.00 | 32.09 0.93 -2.07 | 32.84 1.05 0.00 | 32.30 0.97 0.00 | 28.80 0.87 0.00 | 23.87 0.63 0.00 | 22.00 0.52 0.00 | 20.25 0.26 0.00 |
| UNION___PROCESSING_DRP 323587 | 19.17 0.63 0.00 | 17.48 0.49 0.00 | 15.81 0.39 0.00 | 15.01 0.38 0.00 | 16.22 0.41 0.00 | 18.39 0.40 0.00 | 22.57 0.44 0.00 | 24.84 0.05 -0.14 | 22.83 0.07 -0.13 | 21.70 0.09 0.00 | 21.02 0.02 0.00 | 20.47 -0.06 0.00 | 20.62 -0.04 0.00 | 21.31 0.02 0.00 | 21.59 0.00 0.00 | 21.82 0.15 -0.10 | 24.73 -0.12 0.00 | 29.01 -0.29 -0.21 | 31.35 -0.45 0.00 | 31.10 -0.22 0.00 | 27.59 -0.34 0.00 | 23.17 -0.07 0.00 | 21.35 -0.13 0.00 | 20.21 0.22 0.00 |
| UPPER HUDSON___HYD 24058 | 19.81 1.28 0.00 | 18.11 1.12 0.00 | 16.44 1.02 0.00 | 15.58 0.95 0.00 | 16.89 1.08 0.00 | 19.27 1.28 0.00 | 23.83 1.70 0.00 | 28.10 1.92 -1.53 | 25.72 1.68 -1.41 | 23.17 1.56 0.00 | 22.39 1.39 0.00 | 21.87 1.33 0.00 | 22.13 1.47 0.00 | 22.73 1.45 0.00 | 23.06 1.47 0.00 | 23.95 1.29 -1.08 | 26.19 1.34 0.00 | 33.13 1.92 -2.12 | 34.08 2.29 0.00 | 33.70 2.38 0.00 | 30.28 2.35 0.00 | 25.01 1.77 0.00 | 22.90 1.42 0.00 | 21.19 1.20 0.00 |
| UPPER RAQUET___HYD 24056 | 17.98 -0.56 0.00 | 16.50 -0.49 0.00 | 14.97 -0.45 0.00 | 14.30 -0.34 0.00 | 15.46 -0.35 0.00 | 17.51 -0.48 0.00 | 21.29 -0.84 0.00 | 23.69 -0.96 0.00 | 21.73 -0.91 0.00 | 20.60 -1.02 0.00 | 20.06 -0.94 0.00 | 19.57 -0.96 0.00 | 19.71 -0.95 0.00 | 20.33 -0.96 0.00 | 20.51 -1.08 0.00 | 20.56 -1.01 0.00 | 23.71 -1.14 0.00 | 27.79 -1.31 0.00 | 30.55 -1.24 0.00 | 30.13 -1.19 0.00 | 27.06 -0.87 0.00 | 22.73 -0.51 0.00 | 21.22 -0.26 0.00 | 19.69 -0.30 0.00 |
| VALLEY44_115KV_TB2 355964 | 19.33 0.80 0.00 | 17.58 0.59 0.00 | 15.87 0.45 0.00 | 15.12 0.48 0.00 | 16.30 0.49 0.00 | 18.42 0.43 0.00 | 22.71 0.58 0.00 | 24.47 -0.35 -0.17 | 22.45 -0.34 -0.15 | 21.99 0.37 0.00 | 21.25 0.25 0.00 | 20.66 0.12 0.00 | 20.83 0.17 0.00 | 21.52 0.23 0.00 | 21.78 0.19 0.00 | 21.27 -0.43 -0.13 | 24.88 0.02 0.00 | 29.09 -0.23 -0.23 | 31.56 -0.22 0.01 | 31.32 0.00 0.00 | 27.79 -0.14 0.00 | 23.40 0.16 0.00 | 21.50 0.02 0.00 | 20.27 0.28 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 18.79 0.26 0.00 | 17.23 0.24 0.00 | 15.65 0.23 0.00 | 14.87 0.23 0.00 | 16.08 0.27 0.00 | 18.33 0.34 0.00 | 22.57 0.44 0.00 | 25.02 0.37 0.00 | 22.98 0.34 0.00 | 21.96 0.35 0.00 | 21.28 0.27 0.00 | 20.78 0.25 0.00 | 20.89 0.23 0.00 | 21.52 0.23 0.00 | 21.80 0.22 0.00 | 21.79 0.22 0.00 | 25.10 0.25 0.00 | 29.36 0.26 0.00 | 32.08 0.29 0.00 | 31.57 0.25 0.00 | 28.21 0.28 0.00 | 23.54 0.30 0.00 | 21.80 0.32 0.00 | 20.35 0.36 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 19.55 1.02 0.00 | 17.91 0.92 0.00 | 16.25 0.83 0.00 | 15.38 0.75 0.00 | 16.63 0.82 0.00 | 18.98 0.99 0.00 | 23.46 1.33 0.00 | 26.71 1.50 -0.56 | 24.51 1.36 -0.51 | 22.89 1.28 0.00 | 22.12 1.11 0.00 | 21.62 1.09 0.00 | 21.71 1.05 0.00 | 22.37 1.09 0.00 | 22.71 1.12 0.00 | 23.20 1.23 -0.39 | 26.44 1.59 0.00 | 31.67 1.77 -0.80 | 33.89 2.10 0.00 | 33.36 2.04 0.00 | 29.77 1.84 0.00 | 24.75 1.51 0.00 | 22.77 1.29 0.00 | 20.99 1.00 0.00 |
| VISCHER___FERRY HYD 24020 | 19.31 0.78 0.00 | 17.72 0.73 0.00 | 16.12 0.69 0.00 | 15.28 0.64 0.00 | 16.51 0.69 0.00 | 18.82 0.83 0.00 | 23.10 0.97 0.00 | 27.31 1.16 -1.51 | 25.05 1.02 -1.39 | 22.55 0.93 0.00 | 21.80 0.80 0.00 | 21.33 0.80 0.00 | 21.51 0.85 0.00 | 22.11 0.83 0.00 | 22.54 0.95 0.00 | 23.61 0.97 -1.07 | 25.97 1.12 0.00 | 32.64 1.45 -2.09 | 33.41 1.62 0.00 | 32.86 1.53 0.00 | 29.35 1.42 0.00 | 24.33 1.09 0.00 | 22.34 0.86 0.00 | 20.65 0.66 0.00 |
| V_A_10_SYNC_DSASP 323832 | 19.13 0.59 0.00 | 17.45 0.46 0.00 | 15.76 0.34 0.00 | 14.95 0.32 0.00 | 16.16 0.35 0.00 | 18.30 0.31 0.00 | 22.40 0.27 0.00 | 24.41 -0.40 -0.16 | 22.51 -0.27 -0.14 | 21.40 -0.22 0.00 | 20.73 -0.27 0.00 | 20.29 -0.25 0.00 | 20.33 -0.33 0.00 | 20.99 -0.30 0.00 | 21.26 -0.32 0.00 | 21.53 -0.15 -0.11 | 24.18 -0.67 0.00 | 28.57 -0.78 -0.26 | 30.68 -1.11 0.00 | 30.54 -0.78 0.00 | 27.01 -0.92 0.00 | 22.73 -0.51 0.00 | 20.99 -0.49 0.00 | 20.07 0.08 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 18.05 -0.48 0.00 | 16.57 -0.42 0.00 | 15.04 -0.38 0.00 | 14.31 -0.32 0.00 | 15.46 -0.35 0.00 | 17.58 -0.41 0.00 | 21.53 -0.60 0.00 | 24.03 -0.62 0.00 | 22.07 -0.57 0.00 | 21.06 -0.56 0.00 | 20.56 -0.44 0.00 | 20.08 -0.45 0.00 | 20.23 -0.43 0.00 | 20.86 -0.43 0.00 | 21.05 -0.54 0.00 | 21.06 -0.52 0.00 | 24.23 -0.62 0.00 | 28.40 -0.70 0.00 | 31.09 -0.70 0.00 | 30.66 -0.66 0.00 | 27.37 -0.56 0.00 | 22.78 -0.46 0.00 | 21.18 -0.30 0.00 | 19.69 -0.30 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 18.37 -0.17 0.00 | 16.89 -0.10 0.00 | 15.28 -0.14 0.00 | 14.60 -0.03 0.00 | 15.78 -0.03 0.00 | 17.95 -0.04 0.00 | 21.58 -0.55 0.00 | 24.28 -0.37 0.00 | 22.43 -0.20 0.00 | 21.44 -0.17 0.00 | 20.92 -0.08 0.00 | 20.37 -0.16 0.00 | 20.56 -0.10 0.00 | 21.22 -0.06 0.00 | 21.44 -0.15 0.00 | 21.49 -0.09 0.00 | 24.75 -0.10 0.00 | 29.07 -0.03 0.00 | 32.36 0.57 0.00 | 31.79 0.47 0.00 | 28.29 0.36 0.00 | 23.50 0.26 0.00 | 21.82 0.34 0.00 | 20.19 0.20 0.00 |
| V_E_10_SYNC_DSASP 323830 | 20.17 1.63 0.00 | 18.47 1.48 0.00 | 16.72 1.30 0.00 | 15.79 1.16 0.00 | 17.17 1.36 0.00 | 19.59 1.60 0.00 | 24.41 2.28 0.00 | 27.32 2.29 -0.38 | 24.84 1.86 -0.35 | 23.15 1.54 0.00 | 22.24 1.24 0.00 | 21.66 1.13 0.00 | 21.69 1.03 0.00 | 22.39 1.11 0.00 | 22.75 1.16 0.00 | 23.14 1.29 -0.27 | 26.64 1.79 0.00 | 31.79 2.15 -0.54 | 34.55 2.76 0.00 | 34.17 2.85 0.00 | 30.47 2.54 0.00 | 25.38 2.14 0.00 | 23.24 1.76 0.00 | 21.63 1.64 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 19.59 1.06 0.00 | 17.94 0.95 0.00 | 16.30 0.88 0.00 | 15.45 0.82 0.00 | 16.71 0.90 0.00 | 19.05 1.06 0.00 | 23.50 1.37 0.00 | 27.75 1.58 -1.53 | 25.43 1.38 -1.41 | 22.89 1.28 0.00 | 22.14 1.13 0.00 | 21.64 1.11 0.00 | 21.86 1.20 0.00 | 22.48 1.19 0.00 | 22.86 1.27 0.00 | 23.91 1.25 -1.08 | 26.22 1.37 0.00 | 33.04 1.83 -2.11 | 33.92 2.13 0.00 | 33.46 2.13 0.00 | 29.91 1.98 0.00 | 24.75 1.51 0.00 | 22.71 1.22 0.00 | 20.97 0.98 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| V_F_30_SYNC_DSASP 323786 | 18.98 0.44 0.00 | 17.47 0.48 0.00 | 15.91 0.49 0.00 | 15.09 0.45 0.00 | 16.25 0.44 0.00 | 18.49 0.50 0.00 | 22.71 0.58 0.00 | 26.89 0.74 -1.50 | 24.66 0.63 -1.39 | 22.20 0.58 0.00 | 21.49 0.48 0.00 | 21.05 0.51 0.00 | 21.22 0.56 0.00 | 21.82 0.53 0.00 | 22.17 0.58 0.00 | 23.33 0.69 -1.06 | 25.57 0.72 0.00 | 32.19 1.02 -2.08 | 32.93 1.14 0.00 | 32.42 1.10 0.00 | 28.91 0.98 0.00 | 23.94 0.70 0.00 | 22.06 0.58 0.00 | 20.31 0.32 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 18.37 -0.17 0.00 | 16.89 -0.10 0.00 | 15.28 -0.14 0.00 | 14.60 -0.03 0.00 | 15.78 -0.03 0.00 | 17.95 -0.04 0.00 | 21.58 -0.55 0.00 | 24.28 -0.37 0.00 | 22.43 -0.20 0.00 | 21.44 -0.17 0.00 | 20.92 -0.08 0.00 | 20.37 -0.16 0.00 | 20.56 -0.10 0.00 | 21.22 -0.06 0.00 | 21.44 -0.15 0.00 | 21.49 -0.09 0.00 | 24.75 -0.10 0.00 | 29.07 -0.03 0.00 | 32.36 0.57 0.00 | 31.79 0.47 0.00 | 28.29 0.36 0.00 | 23.50 0.26 0.00 | 21.82 0.34 0.00 | 20.19 0.20 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 19.50 0.96 0.00 | 17.86 0.87 0.00 | 16.22 0.80 0.00 | 15.38 0.75 0.00 | 16.59 0.77 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.36 1.53 -1.18 | 25.24 1.52 -1.09 | 23.17 1.56 0.00 | 22.39 1.39 0.00 | 21.97 1.44 0.00 | 22.09 1.43 0.00 | 22.73 1.45 0.00 | 23.16 1.58 0.00 | 24.18 1.77 -0.84 | 26.74 1.89 0.00 | 32.86 2.21 -1.56 | 34.11 2.32 0.00 | 33.52 2.19 0.00 | 29.77 1.84 0.00 | 24.73 1.49 0.00 | 22.77 1.29 0.00 | 20.83 0.84 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 19.48 0.95 0.00 | 17.84 0.85 0.00 | 16.24 0.82 0.00 | 15.41 0.78 0.00 | 16.59 0.77 0.00 | 18.91 0.92 0.00 | 23.33 1.20 0.00 | 27.50 1.63 -1.23 | 25.49 1.72 -1.13 | 23.39 1.77 0.00 | 22.58 1.58 0.00 | 22.20 1.66 0.00 | 22.29 1.63 0.00 | 22.92 1.64 0.00 | 23.38 1.79 0.00 | 24.45 2.01 -0.87 | 27.09 2.24 0.00 | 33.20 2.47 -1.63 | 34.30 2.51 0.00 | 33.64 2.32 0.00 | 29.88 1.96 0.00 | 24.82 1.58 0.00 | 22.88 1.40 0.00 | 20.83 0.84 0.00 |
| W50THST__13_KV_LOAD 356117 | 19.54 1.00 0.00 | 17.89 0.90 0.00 | 16.28 0.86 0.00 | 15.45 0.82 0.00 | 16.63 0.82 0.00 | 18.96 0.97 0.00 | 23.41 1.28 0.00 | 27.62 1.75 -1.23 | 25.60 1.83 -1.13 | 23.54 1.92 0.00 | 22.70 1.70 0.00 | 22.32 1.79 0.00 | 22.42 1.76 0.00 | 23.05 1.77 0.00 | 23.53 1.94 0.00 | 24.58 2.14 -0.87 | 27.26 2.41 0.00 | 33.40 2.68 -1.63 | 34.49 2.70 0.00 | 33.83 2.51 0.00 | 30.00 2.07 0.00 | 24.91 1.67 0.00 | 22.94 1.46 0.00 | 20.89 0.90 0.00 |
| WADING RIVER_IC_1 23522 | 20.56 2.00 -0.02 | 18.71 1.72 0.00 | 16.86 1.43 0.00 | 16.03 1.39 0.00 | 17.28 1.47 0.00 | 19.87 1.87 -0.01 | 24.30 2.17 0.00 | 28.81 2.93 -1.23 | 26.68 2.90 -1.14 | 24.49 2.88 0.00 | 25.05 2.56 -1.49 | 25.48 2.52 -2.42 | 25.85 2.48 -2.71 | 27.11 2.60 -3.23 | 30.23 2.81 -5.84 | 33.75 2.89 -9.28 | 48.29 3.33 -20.11 | 92.23 3.78 -59.36 | 53.58 4.04 -17.75 | 51.81 3.88 -16.60 | 50.94 3.46 -19.55 | 32.82 2.81 -6.77 | 26.74 2.49 -2.77 | 21.86 1.86 -0.01 |
| WADING RIVER_IC_2 23547 | 20.56 2.00 -0.02 | 18.71 1.72 0.00 | 16.86 1.43 0.00 | 16.03 1.39 0.00 | 17.28 1.47 0.00 | 19.87 1.87 -0.01 | 24.30 2.17 0.00 | 28.81 2.93 -1.23 | 26.68 2.90 -1.14 | 24.49 2.88 0.00 | 25.05 2.56 -1.49 | 25.48 2.52 -2.42 | 25.85 2.48 -2.71 | 27.11 2.60 -3.23 | 30.23 2.81 -5.84 | 33.75 2.89 -9.28 | 48.29 3.33 -20.11 | 92.23 3.78 -59.36 | 53.58 4.04 -17.75 | 51.81 3.88 -16.60 | 50.94 3.46 -19.55 | 32.82 2.81 -6.77 | 26.74 2.49 -2.77 | 21.86 1.86 -0.01 |
| WADING RIVER_IC_3 23601 | 20.56 2.00 -0.02 | 18.71 1.72 0.00 | 16.86 1.43 0.00 | 16.03 1.39 0.00 | 17.28 1.47 0.00 | 19.87 1.87 -0.01 | 24.30 2.17 0.00 | 28.81 2.93 -1.23 | 26.68 2.90 -1.14 | 24.49 2.88 0.00 | 25.05 2.56 -1.49 | 25.48 2.52 -2.42 | 25.85 2.48 -2.71 | 27.11 2.60 -3.23 | 30.23 2.81 -5.84 | 33.75 2.89 -9.28 | 48.29 3.33 -20.11 | 92.23 3.78 -59.36 | 53.58 4.04 -17.75 | 51.81 3.88 -16.60 | 50.94 3.46 -19.55 | 32.82 2.81 -6.77 | 26.74 2.49 -2.77 | 21.86 1.86 -0.01 |
| WALDENNY_12_KV_BK2 80841 | 19.55 1.02 0.00 | 17.81 0.82 0.00 | 16.05 0.63 0.00 | 15.31 0.67 0.00 | 16.51 0.70 0.00 | 18.64 0.65 0.00 | 22.86 0.73 0.00 | 24.67 -0.12 -0.15 | 22.73 -0.05 -0.14 | 21.92 0.30 0.00 | 21.21 0.21 0.00 | 20.61 0.08 0.00 | 20.78 0.12 0.00 | 21.46 0.17 0.00 | 21.72 0.13 0.00 | 21.69 0.00 -0.12 | 24.75 -0.10 0.00 | 28.95 -0.35 -0.20 | 31.28 -0.51 0.01 | 31.10 -0.22 0.00 | 27.62 -0.31 0.00 | 23.26 0.02 0.00 | 21.42 -0.06 0.00 | 20.43 0.44 0.00 |
| WALDEN__HYDRO 24148 | 19.52 0.98 0.00 | 17.87 0.88 0.00 | 16.21 0.79 0.00 | 15.38 0.75 0.00 | 16.60 0.79 0.00 | 18.89 0.90 0.00 | 23.30 1.17 0.00 | 27.32 1.48 -1.20 | 25.12 1.38 -1.10 | 23.04 1.43 0.00 | 22.26 1.26 0.00 | 21.79 1.25 0.00 | 21.94 1.28 0.00 | 22.58 1.30 0.00 | 23.06 1.47 0.00 | 24.02 1.60 -0.85 | 26.57 1.71 0.00 | 32.68 2.01 -1.58 | 33.98 2.19 0.00 | 33.42 2.10 0.00 | 29.72 1.79 0.00 | 24.68 1.44 0.00 | 22.66 1.18 0.00 | 20.83 0.84 0.00 |
| WARRENSBURG____ 23737 | 19.81 1.28 0.00 | 18.11 1.12 0.00 | 16.44 1.02 0.00 | 15.58 0.95 0.00 | 16.89 1.08 0.00 | 19.27 1.28 0.00 | 23.83 1.70 0.00 | 28.10 1.92 -1.53 | 25.72 1.68 -1.41 | 23.17 1.56 0.00 | 22.39 1.39 0.00 | 21.87 1.33 0.00 | 22.13 1.47 0.00 | 22.73 1.45 0.00 | 23.06 1.47 0.00 | 23.95 1.29 -1.08 | 26.19 1.34 0.00 | 33.13 1.92 -2.12 | 34.08 2.29 0.00 | 33.70 2.38 0.00 | 30.28 2.35 0.00 | 25.01 1.77 0.00 | 22.90 1.42 0.00 | 21.19 1.20 0.00 |
| WATERSIDE____6 8 9 23538 | 19.55 1.02 0.00 | 17.92 0.93 0.00 | 16.32 0.89 -0.01 | 15.49 0.85 -0.01 | 16.67 0.85 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.54 1.77 -1.14 | 23.44 1.82 -0.01 | 22.65 1.64 -0.01 | 22.24 1.70 -0.01 | 22.34 1.67 -0.01 | 23.00 1.70 -0.01 | 31.19 1.83 -7.77 | 31.35 2.05 -7.72 | 34.16 2.29 -7.02 | 35.18 2.53 -3.56 | 34.40 2.61 -0.01 | 33.78 2.44 -0.01 | 30.00 2.07 -0.01 | 24.91 1.67 0.00 | 22.97 1.48 -0.01 | 20.89 0.90 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 18.78 0.24 0.00 | 17.21 0.22 0.00 | 15.64 0.22 0.00 | 14.84 0.20 0.00 | 16.03 0.22 0.00 | 18.26 0.27 0.00 | 22.51 0.38 0.00 | 24.97 0.32 0.00 | 22.93 0.29 0.00 | 21.90 0.28 0.00 | 21.23 0.23 0.00 | 20.74 0.21 0.00 | 20.87 0.21 0.00 | 21.50 0.21 0.00 | 21.80 0.22 0.00 | 21.79 0.22 0.00 | 25.10 0.25 0.00 | 29.36 0.26 0.00 | 32.11 0.32 0.00 | 31.64 0.31 0.00 | 28.21 0.28 0.00 | 23.52 0.28 0.00 | 21.74 0.26 0.00 | 20.27 0.28 0.00 |
| WATSON____69_KV_BK 1 55734 | 20.54 1.98 -0.02 | 18.71 1.72 0.00 | 16.79 1.37 0.00 | 16.01 1.38 0.00 | 17.27 1.45 0.00 | 19.85 1.85 0.00 | 24.30 2.17 0.00 | 28.69 2.81 -1.23 | 26.58 2.81 -1.13 | 24.32 2.70 0.00 | 24.99 2.50 -1.49 | 25.44 2.48 -2.42 | 25.85 2.48 -2.71 | 27.07 2.55 -3.23 | 30.14 2.72 -5.84 | 33.77 2.91 -9.28 | 47.74 3.31 -19.58 | 72.21 3.81 -39.30 | 53.57 4.04 -17.75 | 51.87 3.95 -16.60 | 42.90 3.44 -11.54 | 32.82 2.81 -6.77 | 26.81 2.56 -2.77 | 21.87 1.88 0.00 |
| WDELAWARE__HYD 323627 | 19.17 0.63 0.00 | 17.55 0.56 0.00 | 15.90 0.48 0.00 | 15.07 0.44 0.00 | 16.28 0.47 0.00 | 18.51 0.52 0.00 | 22.88 0.75 0.00 | 26.63 0.96 -1.02 | 24.46 0.88 -0.94 | 22.55 0.93 0.00 | 21.78 0.78 0.00 | 21.29 0.76 0.00 | 20.91 0.25 0.00 | 21.54 0.26 0.00 | 22.00 0.41 0.00 | 22.83 0.54 -0.72 | 25.65 0.80 0.00 | 31.40 0.87 -1.44 | 32.81 1.02 0.00 | 32.26 0.94 0.00 | 29.38 1.45 0.00 | 24.40 1.16 0.00 | 22.40 0.92 0.00 | 20.59 0.60 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| WEST BABYLON___IC 23714 | 20.41 1.85 -0.02 | 18.61 1.61 0.00 | 16.72 1.30 0.00 | 15.92 1.29 0.00 | 17.19 1.38 0.00 | 19.74 1.75 0.00 | 24.19 2.06 0.00 | 28.51 2.64 -1.23 | 26.42 2.65 -1.13 | 24.19 2.57 0.00 | 24.87 2.37 -1.49 | 25.31 2.36 -2.42 | 25.73 2.36 -2.71 | 26.94 2.43 -3.23 | 30.01 2.59 -5.84 | 33.62 2.76 -9.28 | 47.19 3.16 -19.18 | 56.45 3.61 -23.74 | 53.35 3.81 -17.74 | 51.62 3.70 -16.60 | 36.47 3.21 -5.33 | 32.61 2.60 -6.77 | 26.64 2.38 -2.77 | 21.73 1.74 0.00 |
| WEST CANADA___HYD 24049 | 18.61 0.07 0.00 | 17.06 0.07 0.00 | 15.50 0.08 0.00 | 14.71 0.07 0.00 | 15.89 0.08 0.00 | 18.08 0.09 0.00 | 22.26 0.13 0.00 | 24.77 0.12 0.00 | 22.75 0.11 0.00 | 21.73 0.11 0.00 | 21.09 0.08 0.00 | 20.62 0.08 0.00 | 20.74 0.08 0.00 | 21.35 0.06 0.00 | 21.67 0.09 0.00 | 21.66 0.09 0.00 | 24.95 0.10 0.00 | 29.21 0.12 0.00 | 31.92 0.13 0.00 | 31.45 0.13 0.00 | 28.04 0.11 0.00 | 23.33 0.09 0.00 | 21.55 0.06 0.00 | 20.05 0.06 0.00 |
| WESTERN_NY_WIND 24143 | 19.65 1.11 0.00 | 17.89 0.90 0.00 | 16.13 0.71 0.00 | 15.29 0.66 0.00 | 16.55 0.74 0.00 | 18.76 0.77 0.00 | 22.99 0.86 0.00 | 24.96 0.17 -0.14 | 22.95 0.18 -0.13 | 21.92 0.30 0.00 | 21.21 0.21 0.00 | 20.74 0.21 0.00 | 20.76 0.10 0.00 | 21.48 0.19 0.00 | 21.78 0.19 0.00 | 21.96 0.28 -0.11 | 24.83 -0.02 0.00 | 29.30 -0.03 -0.23 | 31.60 -0.19 0.00 | 31.55 0.22 0.00 | 27.76 -0.17 0.00 | 23.36 0.12 0.00 | 21.50 0.02 0.00 | 20.51 0.52 0.00 |
| WESTOVER___LESR 323668 | 19.11 0.57 0.00 | 17.47 0.48 0.00 | 15.82 0.40 0.00 | 15.01 0.38 0.00 | 16.22 0.41 0.00 | 18.42 0.43 0.00 | 22.75 0.62 0.00 | 25.65 0.62 -0.38 | 23.51 0.52 -0.35 | 22.14 0.52 0.00 | 21.44 0.44 0.00 | 20.94 0.41 0.00 | 21.07 0.41 0.00 | 21.71 0.43 0.00 | 22.02 0.43 0.00 | 22.32 0.47 -0.27 | 25.47 0.62 0.00 | 30.23 0.58 -0.55 | 32.36 0.57 0.00 | 31.98 0.66 0.00 | 28.52 0.59 0.00 | 23.78 0.53 0.00 | 21.91 0.43 0.00 | 20.41 0.42 0.00 |
| WETHRSFD_WT_PWR 323626 | 19.41 0.87 0.00 | 17.69 0.70 0.00 | 15.96 0.54 0.00 | 15.15 0.51 0.00 | 16.38 0.57 0.00 | 18.55 0.56 0.00 | 22.79 0.66 0.00 | 24.69 -0.12 -0.17 | 22.72 -0.07 -0.15 | 21.83 0.22 0.00 | 21.15 0.15 0.00 | 20.68 0.14 0.00 | 20.70 0.04 0.00 | 21.39 0.11 0.00 | 21.65 0.06 0.00 | 21.62 -0.09 -0.13 | 24.68 -0.17 0.00 | 29.27 -0.12 -0.29 | 31.50 -0.29 0.00 | 31.39 0.06 0.00 | 27.76 -0.17 0.00 | 23.33 0.09 0.00 | 21.48 0.00 0.00 | 20.41 0.42 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.18 0.76 0.00 | 15.34 0.70 0.00 | 16.54 0.73 0.00 | 18.84 0.85 0.00 | 23.22 1.08 0.00 | 27.26 1.43 -1.18 | 25.18 1.45 -1.09 | 23.09 1.47 0.00 | 22.33 1.32 0.00 | 21.91 1.38 0.00 | 22.02 1.36 0.00 | 22.67 1.38 0.00 | 23.10 1.51 0.00 | 24.10 1.68 -0.84 | 26.67 1.81 0.00 | 32.75 2.09 -1.56 | 33.95 2.16 0.00 | 33.36 2.04 0.00 | 29.66 1.73 0.00 | 24.64 1.39 0.00 | 22.68 1.20 0.00 | 20.77 0.78 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 19.44 0.91 0.00 | 17.81 0.82 0.00 | 16.18 0.76 0.00 | 15.34 0.70 0.00 | 16.54 0.73 0.00 | 18.84 0.85 0.00 | 23.22 1.08 0.00 | 27.26 1.43 -1.18 | 25.18 1.45 -1.09 | 23.09 1.47 0.00 | 22.33 1.32 0.00 | 21.91 1.38 0.00 | 22.02 1.36 0.00 | 22.67 1.38 0.00 | 23.10 1.51 0.00 | 24.10 1.68 -0.84 | 26.67 1.81 0.00 | 32.75 2.09 -1.56 | 33.95 2.16 0.00 | 33.36 2.04 0.00 | 29.66 1.73 0.00 | 24.64 1.39 0.00 | 22.68 1.20 0.00 | 20.77 0.78 0.00 |
| WHITEHAL_115KV_TB1 80871 | 20.20 1.67 0.00 | 18.45 1.46 0.00 | 16.72 1.30 0.00 | 15.85 1.21 0.00 | 17.20 1.39 0.00 | 19.66 1.67 0.00 | 24.39 2.26 0.00 | 28.71 2.54 -1.53 | 26.27 2.22 -1.41 | 23.65 2.03 0.00 | 22.83 1.83 0.00 | 22.30 1.77 0.00 | 22.56 1.90 0.00 | 23.18 1.89 0.00 | 22.95 1.36 0.00 | 23.93 1.27 -1.08 | 26.05 1.19 0.00 | 33.16 1.95 -2.12 | 34.17 2.38 0.00 | 33.89 2.57 0.00 | 30.44 2.51 0.00 | 25.10 1.86 0.00 | 23.50 2.02 0.00 | 21.61 1.62 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 19.63 1.09 0.00 | 17.98 0.99 0.00 | 16.33 0.91 0.00 | 15.50 0.86 0.00 | 16.70 0.89 0.00 | 19.02 1.03 0.00 | 23.46 1.33 0.00 | 27.55 1.68 -1.22 | 25.44 1.68 -1.13 | 23.30 1.69 0.00 | 22.54 1.53 0.00 | 22.11 1.58 0.00 | 22.23 1.57 0.00 | 22.90 1.62 0.00 | 23.36 1.77 0.00 | 24.38 1.94 -0.87 | 26.96 2.11 0.00 | 33.16 2.44 -1.63 | 34.40 2.61 0.00 | 33.77 2.44 0.00 | 29.94 2.01 0.00 | 24.87 1.63 0.00 | 22.90 1.42 0.00 | 20.97 0.98 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 20.54 1.98 -0.02 | 18.69 1.70 0.00 | 16.78 1.36 0.00 | 16.00 1.36 0.00 | 17.27 1.45 0.00 | 19.85 1.85 0.00 | 24.28 2.15 0.00 | 28.71 2.83 -1.23 | 26.58 2.81 -1.13 | 24.28 2.66 0.00 | 24.95 2.46 -1.49 | 25.37 2.42 -2.42 | 25.79 2.42 -2.71 | 27.03 2.51 -3.23 | 30.10 2.68 -5.84 | 33.72 2.87 -9.28 | 48.26 3.28 -20.13 | 93.13 3.84 -60.19 | 53.61 4.07 -17.75 | 51.81 3.88 -16.60 | 51.16 3.35 -19.88 | 32.75 2.74 -6.77 | 26.77 2.51 -2.77 | 21.83 1.84 0.00 |
| WOODARD___115KV_TB2 355635 | 18.65 0.11 0.00 | 17.06 0.07 0.00 | 15.45 0.03 0.00 | 14.65 0.01 0.00 | 15.86 0.05 0.00 | 18.03 0.04 0.00 | 22.26 0.13 0.00 | 24.72 -0.05 -0.12 | 22.68 -0.07 -0.11 | 21.53 -0.09 0.00 | 20.88 -0.13 0.00 | 20.39 -0.14 0.00 | 20.52 -0.14 0.00 | 21.16 -0.13 0.00 | 21.39 -0.19 0.00 | 21.49 -0.17 -0.09 | 24.60 -0.25 0.00 | 28.95 -0.32 -0.17 | 31.41 -0.38 0.00 | 31.01 -0.31 0.00 | 27.65 -0.28 0.00 | 23.06 -0.19 0.00 | 21.31 -0.17 0.00 | 19.95 -0.04 0.00 |
| YORK___WARBASSE 23770 | 19.63 1.09 0.00 | 17.96 0.97 0.00 | 16.35 0.93 -0.01 | 15.52 0.88 -0.01 | 16.70 0.89 -0.01 | 18.96 0.97 0.00 | 23.37 1.24 0.00 | 27.60 1.73 -1.23 | 25.57 1.79 -1.14 | 23.48 1.86 -0.01 | 22.67 1.66 -0.01 | 22.29 1.75 -0.01 | 22.38 1.71 -0.01 | 23.02 1.72 -0.01 | 31.26 1.90 -7.77 | 31.39 2.09 -7.72 | 34.23 2.36 -7.02 | 35.33 2.68 -3.56 | 34.56 2.77 -0.01 | 33.93 2.60 -0.01 | 30.09 2.15 -0.01 | 24.96 1.72 0.00 | 22.99 1.50 -0.01 | 20.93 0.94 0.00 |