

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/02/2025

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 47.40 | 36.17 | 31.61 | 31.29 | 28.11 | 29.25 | 27.99 | 27.90 | 26.19 | 24.86 | 26.70 | 25.59 | 26.18 | 27.00 | 25.91 | 23.95 | 25.74 | 32.30 | 42.49 | 46.36 | 41.04 | 35.97 | 30.61 | 32.39 |
| 24138 | 2.04 | 1.49 | 1.14 | 1.19 | 1.06 | 1.06 | 1.20 | 1.34 | 1.37 | 1.35 | 1.64 | 1.84 | 1.97 | 2.03 | 1.94 | 1.84 | 1.79 | 1.89 | 2.15 | 2.01 | 2.24 | 2.04 | 1.83 | 1.71 |
| | 0.00 | -2.22 | -3.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.19 | -1.99 | -1.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 47.52 | 36.27 | 31.68 | 31.38 | 28.18 | 29.30 | 28.04 | 27.94 | 26.20 | 24.87 | 26.70 | 25.59 | 26.16 | 26.99 | 25.90 | 23.94 | 25.73 | 32.32 | 42.56 | 46.45 | 41.12 | 36.03 | 30.64 | 32.41 |
| 24260 | 2.15 | 1.59 | 1.22 | 1.28 | 1.13 | 1.11 | 1.25 | 1.38 | 1.39 | 1.36 | 1.64 | 1.84 | 1.95 | 2.02 | 1.93 | 1.83 | 1.78 | 1.91 | 2.23 | 2.10 | 2.32 | 2.10 | 1.86 | 1.73 |
| | 0.00 | -2.21 | -3.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.19 | -1.99 | -1.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 47.52 | 36.27 | 31.68 | 31.38 | 28.18 | 29.30 | 28.04 | 27.94 | 26.20 | 24.87 | 26.70 | 25.59 | 26.16 | 26.99 | 25.90 | 23.94 | 25.73 | 32.32 | 42.56 | 46.45 | 41.12 | 36.03 | 30.64 | 32.41 |
| 24261 | 2.15 | 1.59 | 1.22 | 1.28 | 1.13 | 1.11 | 1.25 | 1.38 | 1.39 | 1.36 | 1.64 | 1.84 | 1.95 | 2.02 | 1.93 | 1.83 | 1.78 | 1.91 | 2.23 | 2.10 | 2.32 | 2.10 | 1.86 | 1.73 |
| | 0.00 | -2.21 | -3.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.19 | -1.99 | -1.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 47.31 | 34.49 | 29.09 | 31.46 | 28.26 | 29.44 | 28.00 | 27.70 | 24.61 | 22.48 | 24.37 | 24.21 | 24.69 | 25.46 | 24.45 | 22.63 | 24.66 | 31.53 | 42.22 | 46.48 | 41.12 | 36.00 | 30.48 | 32.32 |
| 24011 | 1.95 | 1.68 | 1.30 | 1.36 | 1.21 | 1.25 | 1.21 | 1.14 | 0.81 | 0.66 | 0.53 | 0.45 | 0.48 | 0.49 | 0.49 | 0.52 | 0.71 | 1.12 | 1.88 | 2.13 | 2.32 | 2.07 | 1.70 | 1.63 |
| | 0.00 | -0.34 | -0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.30 | -0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 47.55 | 34.71 | 29.23 | 31.61 | 28.40 | 29.59 | 28.13 | 27.81 | 24.66 | 22.52 | 24.42 | 24.24 | 24.74 | 25.51 | 24.49 | 22.68 | 24.73 | 31.67 | 42.42 | 46.71 | 41.40 | 36.26 | 30.67 | 32.55 |
| 23798 | 2.19 | 1.91 | 1.44 | 1.51 | 1.36 | 1.40 | 1.34 | 1.25 | 0.86 | 0.69 | 0.59 | 0.49 | 0.53 | 0.54 | 0.53 | 0.58 | 0.78 | 1.26 | 2.09 | 2.36 | 2.60 | 2.33 | 1.89 | 1.86 |
| | 0.00 | -0.34 | -0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.30 | -0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 47.31 | 34.49 | 29.09 | 31.46 | 28.26 | 29.44 | 28.00 | 27.70 | 24.61 | 22.48 | 24.37 | 24.21 | 24.69 | 25.46 | 24.45 | 22.63 | 24.66 | 31.53 | 42.22 | 46.48 | 41.12 | 36.00 | 30.48 | 32.32 |
| 24028 | 1.95 | 1.68 | 1.30 | 1.36 | 1.21 | 1.25 | 1.21 | 1.14 | 0.81 | 0.66 | 0.53 | 0.45 | 0.48 | 0.49 | 0.49 | 0.52 | 0.71 | 1.12 | 1.88 | 2.13 | 2.32 | 2.07 | 1.70 | 1.63 |
| | 0.00 | -0.34 | -0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.30 | -0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 46.77 | 34.20 | 28.96 | 31.22 | 28.03 | 29.17 | 27.76 | 27.64 | 24.69 | 22.59 | 24.52 | 24.35 | 24.87 | 25.64 | 24.60 | 22.61 | 24.61 | 31.15 | 41.31 | 45.40 | 40.20 | 35.39 | 30.05 | 31.83 |
| 23527 | 1.41 | 1.32 | 1.07 | 1.12 | 0.98 | 0.98 | 0.97 | 1.09 | 0.85 | 0.69 | 0.64 | 0.59 | 0.66 | 0.68 | 0.64 | 0.51 | 0.66 | 0.74 | 0.97 | 1.04 | 1.40 | 1.46 | 1.27 | 1.15 |
| | 0.00 | -0.41 | -0.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.22 | -0.37 | -0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 45.64 | 33.21 | 28.14 | 30.39 | 27.17 | 28.30 | 26.94 | 26.72 | 23.92 | 21.95 | 23.93 | 23.82 | 24.32 | 25.09 | 24.07 | 22.14 | 24.02 | 30.42 | 40.28 | 44.22 | 39.02 | 34.22 | 29.02 | 30.77 |
| 24190 | 0.28 | 0.38 | 0.31 | 0.29 | 0.13 | 0.11 | 0.15 | 0.16 | 0.10 | 0.10 | 0.08 | 0.06 | 0.11 | 0.12 | 0.11 | 0.03 | 0.06 | 0.01 | -0.05 | -0.13 | 0.22 | 0.29 | 0.24 | 0.08 |
| | 0.00 | -0.36 | -0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.20 | -0.33 | -0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 46.35 | 33.01 | 27.69 | 30.54 | 27.50 | 28.66 | 27.15 | 26.89 | 23.91 | 21.78 | 23.89 | 24.02 | 24.43 | 25.14 | 24.09 | 22.23 | 24.09 | 30.73 | 40.91 | 45.14 | 39.21 | 34.27 | 29.00 | 31.03 |
| 355683 | 0.99 | 0.55 | 0.39 | 0.44 | 0.46 | 0.47 | 0.36 | 0.33 | 0.28 | 0.25 | 0.28 | 0.27 | 0.22 | 0.17 | 0.13 | 0.12 | 0.13 | 0.32 | 0.57 | 0.78 | 0.41 | 0.34 | 0.22 | 0.35 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | 46.46 | 33.77 | 28.60 | 31.00 | 27.77 | 28.91 | 27.49 | 27.11 | 24.10 | 22.03 | 24.00 | 23.90 | 24.39 | 25.15 | 24.15 | 22.24 | 24.17 | 30.71 | 40.90 | 45.12 | 39.84 | 34.92 | 29.65 | 31.44 |
| 323833 | 1.09 | 0.98 | 0.83 | 0.89 | 0.72 | 0.72 | 0.70 | 0.55 | 0.30 | 0.21 | 0.17 | 0.14 | 0.18 | 0.19 | 0.19 | 0.14 | 0.22 | 0.30 | 0.56 | 0.76 | 1.04 | 0.99 | 0.87 | 0.75 |
| | 0.00 | -0.33 | -0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.29 | -0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_2_SOLAR | 46.44 | 33.76 | 28.59 | 30.99 | 27.77 | 28.90 | 27.48 | 27.10 | 24.09 | 22.03 | 24.00 | 23.90 | 24.39 | 25.15 | 24.14 | 22.24 | 24.17 | 30.71 | 40.88 | 45.10 | 39.82 | 34.90 | 29.64 | 31.43 |
| 323834 | 1.07 | 0.97 | 0.82 | 0.88 | 0.72 | 0.71 | 0.69 | 0.54 | 0.29 | 0.21 | 0.17 | 0.14 | 0.18 | 0.18 | 0.18 | 0.14 | 0.22 | 0.30 | 0.54 | 0.75 | 1.02 | 0.98 | 0.86 | 0.74 |
| | 0.00 | -0.33 | -0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.29 | -0.21 | 0.00 | 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 | 45.64 | 33.21 | 28.14 | 30.39 | 27.17 | 28.30 | 26.94 | 26.72 | 23.92 | 21.95 | 23.93 | 23.82 | 24.32 | 25.09 | 24.07 | 22.14 | 24.02 | 30.42 | 40.28 | 44.22 | 39.02 | 34.22 | 29.02 | 30.77 |
| 23571 | 0.28 | 0.38 | 0.31 | 0.29 | 0.13 | 0.11 | 0.15 | 0.16 | 0.10 | 0.10 | 0.08 | 0.06 | 0.11 | 0.12 | 0.11 | 0.03 | 0.06 | 0.01 | -0.05 | -0.13 | 0.22 | 0.29 | 0.24 | 0.08 |
| | 0.00 | -0.36 | -0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.20 | -0.33 | -0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 45.64 0.28 0.00 | 33.21 0.38 -0.36 | 28.14 0.31 -0.52 | 30.39 0.29 0.00 | 27.17 0.13 0.00 | 28.30 0.11 0.00 | 26.94 0.15 0.00 | 26.72 0.16 0.00 | 23.92 0.10 -0.20 | 21.95 0.10 -0.33 | 23.93 0.08 -0.24 | 23.82 0.06 0.00 | 24.32 0.11 0.00 | 25.09 0.12 0.00 | 24.07 0.11 0.00 | 22.14 0.03 0.00 | 24.02 0.06 0.00 | 30.42 0.01 0.00 | 40.28 -0.05 0.00 | 44.22 -0.13 0.00 | 39.02 0.22 0.00 | 34.22 0.29 0.00 | 29.02 0.24 0.00 | 30.77 0.08 0.00 |
| ALBANY___3 23573 | 45.64 0.28 0.00 | 33.21 0.38 -0.36 | 28.14 0.31 -0.52 | 30.39 0.29 0.00 | 27.17 0.13 0.00 | 28.30 0.11 0.00 | 26.94 0.15 0.00 | 26.72 0.16 0.00 | 23.92 0.10 -0.20 | 21.95 0.10 -0.33 | 23.93 0.08 -0.24 | 23.82 0.06 0.00 | 24.32 0.11 0.00 | 25.09 0.12 0.00 | 24.07 0.11 0.00 | 22.14 0.03 0.00 | 24.02 0.06 0.00 | 30.42 0.01 0.00 | 40.28 -0.05 0.00 | 44.22 -0.13 0.00 | 39.02 0.22 0.00 | 34.22 0.29 0.00 | 29.02 0.24 0.00 | 30.77 0.08 0.00 |
| ALBANY___4 23574 | 45.64 0.28 0.00 | 33.21 0.38 -0.36 | 28.14 0.31 -0.52 | 30.39 0.29 0.00 | 27.17 0.13 0.00 | 28.30 0.11 0.00 | 26.94 0.15 0.00 | 26.72 0.16 0.00 | 23.92 0.10 -0.20 | 21.95 0.10 -0.33 | 23.93 0.08 -0.24 | 23.82 0.06 0.00 | 24.32 0.11 0.00 | 25.09 0.12 0.00 | 24.07 0.11 0.00 | 22.14 0.03 0.00 | 24.02 0.06 0.00 | 30.42 0.01 0.00 | 40.28 -0.05 0.00 | 44.22 -0.13 0.00 | 39.02 0.22 0.00 | 34.22 0.29 0.00 | 29.02 0.24 0.00 | 30.77 0.08 0.00 |
| ALBANY___LFGE 323615 | 46.05 0.69 0.00 | 33.49 0.66 -0.36 | 28.36 0.54 -0.51 | 30.64 0.55 0.00 | 27.42 0.37 0.00 | 28.56 0.36 0.00 | 27.18 0.39 0.00 | 26.96 0.40 0.00 | 24.13 0.32 -0.19 | 22.13 0.28 -0.32 | 24.12 0.28 -0.23 | 24.02 0.26 0.00 | 24.53 0.32 0.00 | 25.30 0.33 0.00 | 24.28 0.32 0.00 | 22.35 0.24 0.00 | 24.28 0.33 0.00 | 30.77 0.36 0.00 | 40.78 0.44 0.00 | 44.76 0.41 0.00 | 39.47 0.67 0.00 | 34.60 0.68 0.00 | 29.34 0.56 0.00 | 31.09 0.41 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 46.72 1.36 0.00 | 33.29 0.82 0.00 | 27.84 0.54 0.00 | 30.68 0.58 0.00 | 27.64 0.59 0.00 | 28.91 0.72 0.00 | 27.38 0.58 0.00 | 27.10 0.55 0.00 | 24.08 0.46 0.00 | 21.92 0.40 0.00 | 24.05 0.43 0.00 | 24.18 0.43 0.00 | 24.59 0.38 0.00 | 25.30 0.33 0.00 | 24.24 0.28 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 30.94 0.53 0.00 | 41.23 0.89 0.00 | 45.54 1.18 0.00 | 39.57 0.77 0.00 | 34.58 0.65 0.00 | 29.25 0.47 0.00 | 31.30 0.61 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 46.72 1.36 0.00 | 33.29 0.82 0.00 | 27.84 0.54 0.00 | 30.68 0.58 0.00 | 27.64 0.59 0.00 | 28.91 0.72 0.00 | 27.38 0.58 0.00 | 27.10 0.55 0.00 | 24.08 0.46 0.00 | 21.92 0.40 0.00 | 24.05 0.43 0.00 | 24.18 0.43 0.00 | 24.59 0.38 0.00 | 25.30 0.33 0.00 | 24.24 0.28 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 30.94 0.53 0.00 | 41.23 0.89 0.00 | 45.54 1.18 0.00 | 39.57 0.77 0.00 | 34.58 0.65 0.00 | 29.25 0.47 0.00 | 31.30 0.61 0.00 |
| ALCOA___DSASP 323711 | 46.72 1.36 0.00 | 33.29 0.82 0.00 | 27.84 0.54 0.00 | 30.68 0.58 0.00 | 27.64 0.59 0.00 | 28.91 0.72 0.00 | 27.38 0.58 0.00 | 27.10 0.55 0.00 | 24.08 0.46 0.00 | 21.92 0.40 0.00 | 24.05 0.43 0.00 | 24.19 0.43 0.00 | 24.59 0.38 0.00 | 25.30 0.33 0.00 | 24.24 0.28 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 30.94 0.54 0.00 | 41.23 0.89 0.00 | 45.54 1.18 0.00 | 39.57 0.77 0.00 | 34.58 0.65 0.00 | 29.25 0.47 0.00 | 31.30 0.61 0.00 |
| ALLEGHENY___COGEN 23514 | 46.18 0.82 0.00 | 33.04 0.57 0.00 | 27.69 0.38 0.00 | 30.73 0.63 0.00 | 27.50 0.45 0.00 | 28.62 0.43 0.00 | 27.11 0.32 0.00 | 26.77 0.21 0.00 | 23.44 -0.18 0.00 | 21.18 -0.34 0.00 | 23.30 -0.31 0.00 | 23.45 -0.31 0.00 | 23.89 -0.32 0.00 | 24.65 -0.31 0.00 | 23.63 -0.33 0.00 | 21.72 -0.39 0.00 | 23.69 -0.27 0.00 | 30.31 -0.09 0.00 | 40.31 -0.03 0.00 | 45.21 0.85 0.00 | 40.23 1.43 0.00 | 35.12 1.19 0.00 | 29.77 0.99 0.00 | 31.56 0.87 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 45.93 0.57 0.00 | 33.40 0.58 -0.36 | 28.29 0.48 -0.51 | 30.60 0.50 0.00 | 27.44 0.40 0.00 | 28.58 0.39 0.00 | 27.20 0.40 0.00 | 26.95 0.40 0.00 | 24.14 0.33 -0.19 | 22.14 0.29 -0.32 | 24.15 0.30 -0.23 | 24.04 0.28 0.00 | 24.54 0.34 0.00 | 25.32 0.35 0.00 | 24.29 0.33 0.00 | 22.39 0.29 0.00 | 24.27 0.32 0.00 | 30.76 0.34 0.00 | 40.75 0.41 0.00 | 44.77 0.41 0.00 | 39.45 0.65 0.00 | 34.59 0.66 0.00 | 29.35 0.57 0.00 | 31.13 0.44 0.00 |
| ALTONA_WT_PWR 323606 | 46.81 1.45 0.00 | 33.33 0.87 0.00 | 27.91 0.61 0.00 | 30.76 0.66 0.00 | 27.68 0.63 0.00 | 28.80 0.61 0.00 | 27.32 0.53 0.00 | 27.07 0.51 0.00 | 24.07 0.45 0.00 | 21.88 0.35 0.00 | 23.95 0.33 0.00 | 24.04 0.29 0.00 | 24.41 0.20 0.00 | 25.11 0.14 0.00 | 24.07 0.11 0.00 | 22.26 0.15 0.00 | 24.02 0.07 0.00 | 30.72 0.31 0.00 | 41.13 0.79 0.00 | 45.42 1.06 0.00 | 39.45 0.65 0.00 | 34.29 0.36 0.00 | 28.88 0.10 0.00 | 30.75 0.07 0.00 |
| AMERICAN_REF_FUEL 24010 | 42.79 -2.58 0.00 | 30.72 -1.75 0.00 | 25.75 -1.56 0.00 | 28.81 -1.30 0.00 | 25.68 -1.36 0.00 | 26.63 -1.57 0.00 | 25.04 -1.75 0.00 | 22.38 -1.56 0.00 | 20.35 -1.24 0.00 | 22.49 -1.17 0.00 | 22.60 -1.12 0.00 | 23.02 -1.16 0.00 | 23.72 -1.19 0.00 | 22.64 -1.25 0.00 | 20.53 -1.33 0.00 | 22.38 -1.58 0.00 | 22.38 -1.57 0.00 | 28.69 -1.72 0.00 | 37.82 -2.52 0.00 | 41.86 -2.50 0.00 | 36.64 -2.15 0.00 | 31.83 -2.09 0.00 | 27.26 -1.52 0.00 | 29.12 -1.57 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 44.09 -1.27 0.00 | 31.59 -0.87 0.00 | 26.50 -0.81 0.00 | 29.57 -0.53 0.00 | 26.39 -0.66 0.00 | 27.39 -0.80 0.00 | 25.93 -0.86 0.00 | 25.82 -0.74 0.00 | 23.06 -0.56 0.00 | 21.01 -0.52 0.00 | 23.21 -0.40 0.00 | 23.39 -0.37 0.00 | 23.84 -0.37 0.00 | 24.59 -0.37 0.00 | 23.57 -0.39 0.00 | 21.50 -0.61 0.00 | 23.37 -0.58 0.00 | 29.85 -0.56 0.00 | 39.42 -0.92 0.00 | 43.70 -0.66 0.00 | 38.29 -0.51 0.00 | 33.27 -0.66 0.00 | 28.32 -0.46 0.00 | 30.14 -0.54 0.00 |
| ARTHUR KILL_GT_1 23520 | 47.42 2.06 0.00 | 36.24 1.56 -2.21 | 31.64 1.18 -3.16 | 31.35 1.25 0.00 | 28.14 1.09 0.00 | 29.29 1.10 0.00 | 28.02 1.23 0.00 | 27.89 1.34 0.00 | 26.19 1.38 -1.19 | 24.84 1.34 -1.99 | 26.65 1.60 -1.45 | 25.57 1.81 0.00 | 26.17 1.96 0.00 | 26.99 2.02 0.00 | 25.91 1.95 0.00 | 23.92 1.82 0.00 | 25.72 1.77 0.00 | 32.39 1.98 0.00 | 42.67 2.33 0.00 | 46.50 2.14 0.00 | 41.21 2.42 0.00 | 36.08 2.15 0.00 | 30.66 1.88 0.00 | 32.74 2.06 0.00 |
| ARTHUR_KILL_2 23512 | 47.28 1.91 0.00 | 36.13 1.45 -2.21 | 31.56 1.09 -3.16 | 31.25 1.15 0.00 | 28.06 1.01 0.00 | 29.20 1.01 0.00 | 27.93 1.13 0.00 | 27.82 1.25 -0.01 | 26.11 1.30 -1.19 | 24.79 1.28 -1.99 | 26.59 1.53 -1.45 | 25.51 1.75 -0.01 | 26.10 1.89 -0.01 | 26.90 1.93 -0.01 | 25.84 1.88 -0.01 | 23.86 1.75 -0.01 | 25.64 1.68 0.00 | 32.27 1.86 0.00 | 42.51 2.17 0.00 | 46.32 1.97 0.00 | 41.06 2.26 0.00 | 35.95 2.02 0.00 | 30.56 1.77 -0.01 | 32.64 1.95 0.00 |
| ARTHUR_KILL_3 23513 | 46.94 1.58 0.00 | 35.85 1.17 -2.21 | 31.33 0.87 -3.16 | 30.99 0.89 0.00 | 27.83 0.78 0.00 | 28.96 0.77 0.00 | 27.70 0.90 0.00 | 27.61 1.05 0.00 | 25.92 1.11 -1.19 | 24.61 1.10 -1.99 | 26.43 1.36 -1.45 | 25.33 1.57 0.00 | 25.91 1.70 0.00 | 26.70 1.73 0.00 | 25.64 1.68 0.00 | 23.71 1.60 0.00 | 25.48 1.53 0.00 | 31.99 1.58 0.00 | 42.09 1.75 0.00 | 45.95 1.59 0.00 | 40.69 1.89 0.00 | 35.64 1.71 0.00 | 30.32 1.54 0.00 | 32.04 1.36 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 47.42 2.06 0.00 | 36.24 1.56 -2.21 | 31.65 1.18 -3.16 | 31.35 1.25 0.00 | 28.15 1.09 0.00 | 29.29 1.10 0.00 | 28.01 1.22 0.00 | 27.90 1.34 -0.01 | 26.18 1.37 -1.19 | 24.85 1.34 -1.99 | 26.67 1.60 -1.45 | 25.57 1.81 -0.01 | 26.18 1.96 -0.01 | 26.98 2.00 -0.01 | 25.92 1.96 -0.01 | 23.93 1.82 -0.01 | 25.72 1.77 0.00 | 32.39 1.98 0.00 | 42.67 2.33 0.00 | 46.49 2.14 0.00 | 41.21 2.42 0.00 | 36.08 2.15 0.00 | 30.67 1.88 -0.01 | 32.75 2.06 0.00 |
| ASHOKAN____ 23654 | 46.52 1.16 0.00 | 33.40 0.93 0.00 | 28.02 0.71 0.00 | 30.80 0.70 0.00 | 27.64 0.59 0.00 | 28.78 0.58 0.00 | 27.44 0.65 0.00 | 27.26 0.70 0.00 | 24.28 0.65 0.00 | 22.13 0.61 0.00 | 24.28 0.67 0.00 | 24.44 0.68 0.00 | 24.96 0.75 0.00 | 25.74 0.78 0.00 | 24.73 0.77 0.00 | 22.89 0.78 0.00 | 24.82 0.87 0.00 | 31.51 1.11 0.00 | 41.78 1.44 0.00 | 45.84 1.48 0.00 | 40.47 1.67 0.00 | 35.40 1.47 0.00 | 29.96 1.18 0.00 | 31.65 0.97 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 47.04 1.67 0.00 | 35.98 1.30 -2.21 | 31.42 0.95 -3.16 | 31.07 0.96 0.00 | 27.91 0.86 0.00 | 29.03 0.84 0.00 | 27.74 0.94 0.00 | 27.68 1.11 -0.01 | 26.05 1.24 -1.19 | 24.72 1.21 -1.99 | 26.55 1.49 -1.45 | 25.42 1.66 -0.01 | 25.99 1.78 -0.01 | 26.76 1.78 -0.01 | 25.72 1.75 -0.01 | 23.75 1.64 -0.01 | 25.49 1.54 0.00 | 32.06 1.66 0.00 | 42.30 1.96 0.00 | 46.13 1.78 0.00 | 40.88 2.08 0.00 | 35.88 1.95 0.00 | 30.41 1.63 -0.01 | 32.17 1.48 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 47.04 1.67 0.00 | 35.98 1.30 -2.21 | 31.42 0.95 -3.16 | 31.07 0.96 0.00 | 27.91 0.86 0.00 | 29.03 0.84 0.00 | 27.74 0.94 0.00 | 27.68 1.11 -0.01 | 26.05 1.24 -1.19 | 24.72 1.21 -1.99 | 26.55 1.48 -1.45 | 25.42 1.66 -0.01 | 25.99 1.77 -0.01 | 26.75 1.78 -0.01 | 25.72 1.75 -0.01 | 23.75 1.64 -0.01 | 25.49 1.54 0.00 | 32.06 1.66 0.00 | 42.30 1.96 0.00 | 46.13 1.78 0.00 | 40.88 2.08 0.00 | 35.88 1.95 0.00 | 30.41 1.63 -0.01 | 32.17 1.48 0.00 |
| ASTORIA_GT2_1 24094 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT2_2 24095 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT2_3 24096 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT2_4 24097 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT3_1 24098 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT3_2 24099 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT3_3 24100 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT3_4 24101 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT4_1 24102 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT4_2 24103 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT4_3 24104 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |

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|----------------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|
| ASTORIA_GT4_4 24105 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.97 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.05 0.86 0.00 | 27.80 1.01 0.00 | 27.71 1.15 0.00 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.43 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.50 1.55 0.00 | 32.09 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.42 1.64 0.00 | 32.18 1.49 0.00 |
| ASTORIA_GT_1 23523 | 47.15 1.79 0.00 | 36.06 1.38 -2.21 | 31.48 1.02 -3.16 | 31.14 1.03 0.00 | 27.97 0.93 0.00 | 29.10 0.91 0.00 | 27.85 1.06 0.00 | 27.75 1.20 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.60 1.53 -1.45 | 25.48 1.73 0.00 | 26.04 1.83 0.00 | 26.86 1.89 0.00 | 25.77 1.81 0.00 | 23.80 1.69 0.00 | 25.56 1.60 0.00 | 32.15 1.74 0.00 | 42.41 2.07 0.00 | 46.25 1.90 0.00 | 40.98 2.18 0.00 | 35.96 2.03 0.00 | 30.48 1.70 0.00 | 32.25 1.56 0.00 |
| ASTORIA_GT_10 24110 | 47.23 1.87 0.00 | 36.09 1.42 -2.21 | 31.55 1.08 -3.16 | 31.21 1.11 0.00 | 28.06 1.02 0.00 | 29.18 0.99 0.00 | 27.94 1.14 0.00 | 27.83 1.27 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.61 1.55 -1.45 | 25.50 1.74 0.00 | 26.07 1.87 0.00 | 26.89 1.93 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.61 1.66 0.00 | 32.13 1.72 0.00 | 42.32 1.99 0.00 | 46.17 1.81 0.00 | 40.91 2.11 0.00 | 35.84 1.91 0.00 | 30.51 1.73 0.00 | 32.27 1.59 0.00 |
| ASTORIA_GT_11 24225 | 47.23 1.87 0.00 | 36.09 1.42 -2.21 | 31.55 1.08 -3.16 | 31.21 1.11 0.00 | 28.06 1.02 0.00 | 29.18 0.99 0.00 | 27.94 1.14 0.00 | 27.83 1.27 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.61 1.55 -1.45 | 25.50 1.74 0.00 | 26.07 1.87 0.00 | 26.89 1.93 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.61 1.66 0.00 | 32.13 1.72 0.00 | 42.32 1.99 0.00 | 46.17 1.81 0.00 | 40.91 2.11 0.00 | 35.84 1.91 0.00 | 30.51 1.73 0.00 | 32.27 1.59 0.00 |
| ASTORIA_GT_12 24226 | 47.23 1.87 0.00 | 36.09 1.42 -2.21 | 31.55 1.08 -3.16 | 31.21 1.11 0.00 | 28.06 1.02 0.00 | 29.18 0.99 0.00 | 27.94 1.14 0.00 | 27.83 1.27 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.61 1.55 -1.45 | 25.50 1.74 0.00 | 26.07 1.87 0.00 | 26.89 1.93 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.61 1.66 0.00 | 32.13 1.72 0.00 | 42.32 1.99 0.00 | 46.17 1.81 0.00 | 40.91 2.11 0.00 | 35.84 1.91 0.00 | 30.51 1.73 0.00 | 32.27 1.59 0.00 |
| ASTORIA_GT_13 24227 | 47.23 1.87 0.00 | 36.09 1.42 -2.21 | 31.55 1.08 -3.16 | 31.21 1.11 0.00 | 28.06 1.02 0.00 | 29.18 0.99 0.00 | 27.94 1.14 0.00 | 27.83 1.27 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.61 1.55 -1.45 | 25.50 1.74 0.00 | 26.07 1.87 0.00 | 26.89 1.93 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.61 1.66 0.00 | 32.13 1.72 0.00 | 42.32 1.99 0.00 | 46.17 1.81 0.00 | 40.91 2.11 0.00 | 35.84 1.91 0.00 | 30.51 1.73 0.00 | 32.27 1.59 0.00 |
| ASTORIA_GT_5 24106 | 47.15 1.79 0.00 | 36.06 1.38 -2.21 | 31.48 1.02 -3.16 | 31.14 1.03 0.00 | 27.97 0.93 0.00 | 29.10 0.91 0.00 | 27.85 1.06 0.00 | 27.75 1.20 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.60 1.53 -1.45 | 25.48 1.73 0.00 | 26.04 1.83 0.00 | 26.86 1.89 0.00 | 25.77 1.81 0.00 | 23.80 1.69 0.00 | 25.56 1.60 0.00 | 32.15 1.74 0.00 | 42.41 2.07 0.00 | 46.25 1.90 0.00 | 40.98 2.18 0.00 | 35.96 2.03 0.00 | 30.48 1.70 0.00 | 32.25 1.56 0.00 |
| ASTORIA_GT_7 24107 | 47.15 1.79 0.00 | 36.06 1.38 -2.21 | 31.48 1.02 -3.16 | 31.14 1.03 0.00 | 27.97 0.93 0.00 | 29.10 0.91 0.00 | 27.85 1.06 0.00 | 27.75 1.20 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.60 1.53 -1.45 | 25.48 1.73 0.00 | 26.04 1.83 0.00 | 26.86 1.89 0.00 | 25.77 1.81 0.00 | 23.80 1.69 0.00 | 25.56 1.60 0.00 | 32.15 1.74 0.00 | 42.41 2.07 0.00 | 46.25 1.90 0.00 | 40.98 2.18 0.00 | 35.96 2.03 0.00 | 30.48 1.70 0.00 | 32.25 1.56 0.00 |
| ASTORIA_GT_8 24108 | 47.15 1.79 0.00 | 36.06 1.38 -2.21 | 31.48 1.02 -3.16 | 31.14 1.03 0.00 | 27.97 0.93 0.00 | 29.10 0.91 0.00 | 27.85 1.06 0.00 | 27.75 1.20 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.60 1.53 -1.45 | 25.48 1.73 0.00 | 26.04 1.83 0.00 | 26.86 1.89 0.00 | 25.77 1.81 0.00 | 23.80 1.69 0.00 | 25.56 1.60 0.00 | 32.15 1.74 0.00 | 42.41 2.07 0.00 | 46.25 1.90 0.00 | 40.98 2.18 0.00 | 35.96 2.03 0.00 | 30.48 1.70 0.00 | 32.25 1.56 0.00 |
| ASTORIA___2 24149 | 47.06 1.70 0.00 | 35.99 1.32 -2.21 | 31.43 0.96 -3.16 | 31.08 0.98 0.00 | 27.92 0.87 0.00 | 29.04 0.85 0.00 | 27.76 0.96 0.00 | 27.69 1.13 -0.01 | 26.06 1.25 -1.19 | 24.73 1.22 -1.99 | 26.56 1.49 -1.45 | 25.44 1.67 -0.01 | 26.00 1.78 -0.01 | 26.76 1.79 -0.01 | 25.72 1.75 -0.01 | 23.75 1.64 -0.01 | 25.51 1.55 0.00 | 32.08 1.68 0.00 | 42.31 1.97 0.00 | 46.16 1.80 0.00 | 40.90 2.10 0.00 | 35.89 1.96 0.00 | 30.43 1.64 -0.01 | 32.18 1.49 0.00 |
| ASTORIA___3 23516 | 47.23 1.87 0.00 | 36.09 1.41 -2.21 | 31.55 1.08 -3.16 | 31.21 1.11 0.00 | 28.07 1.01 0.00 | 29.18 0.99 0.00 | 27.91 1.12 0.00 | 27.83 1.26 -0.01 | 26.10 1.29 -1.19 | 24.78 1.27 -1.99 | 26.62 1.55 -1.45 | 25.50 1.74 -0.01 | 26.08 1.87 -0.01 | 26.87 1.90 -0.01 | 25.81 1.84 -0.01 | 23.85 1.73 -0.01 | 25.61 1.66 0.00 | 32.13 1.72 0.00 | 42.32 1.99 0.00 | 46.16 1.80 0.00 | 40.91 2.11 0.00 | 35.84 1.91 0.00 | 30.51 1.73 -0.01 | 32.27 1.58 0.00 |
| ASTORIA___4 23517 | 47.23 1.87 0.00 | 36.09 1.41 -2.21 | 31.55 1.08 -3.16 | 31.21 1.11 0.00 | 28.06 1.02 0.00 | 29.18 0.99 0.00 | 27.94 1.14 0.00 | 27.83 1.27 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.61 1.55 -1.45 | 25.50 1.74 0.00 | 26.07 1.87 0.00 | 26.89 1.93 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.61 1.66 0.00 | 32.13 1.72 0.00 | 42.32 1.99 0.00 | 46.17 1.81 0.00 | 40.91 2.11 0.00 | 35.84 1.91 0.00 | 30.51 1.73 0.00 | 32.27 1.59 0.00 |
| ASTORIA___5 23518 | 47.23 1.87 0.00 | 36.09 1.41 -2.21 | 31.55 1.08 -3.16 | 31.21 1.11 0.00 | 28.07 1.01 0.00 | 29.18 0.99 0.00 | 27.91 1.12 0.00 | 27.83 1.26 -0.01 | 26.10 1.29 -1.19 | 24.78 1.27 -1.99 | 26.62 1.55 -1.45 | 25.50 1.74 -0.01 | 26.08 1.87 -0.01 | 26.87 1.90 -0.01 | 25.81 1.84 -0.01 | 23.85 1.73 -0.01 | 25.61 1.66 0.00 | 32.13 1.72 0.00 | 42.32 1.99 0.00 | 46.16 1.80 0.00 | 40.91 2.11 0.00 | 35.85 1.91 0.00 | 30.51 1.73 -0.01 | 32.27 1.58 0.00 |
| AST_ENERGY_2_CC3 323677 | 47.15 1.79 0.00 | 36.01 1.33 -2.21 | 31.47 1.00 -3.16 | 31.14 1.04 0.00 | 27.96 0.92 0.00 | 29.10 0.91 0.00 | 27.83 1.04 0.00 | 27.73 1.18 0.00 | 26.03 1.21 -1.19 | 24.71 1.19 -1.99 | 26.52 1.46 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.69 1.73 0.00 | 23.75 1.64 0.00 | 25.53 1.57 0.00 | 32.06 1.65 0.00 | 42.21 1.87 0.00 | 46.07 1.72 0.00 | 40.79 1.99 0.00 | 35.75 1.82 0.00 | 30.41 1.62 0.00 | 32.17 1.49 0.00 |
| AST_ENERGY_2_CC4 323678 | 47.15 1.79 0.00 | 36.01 1.33 -2.21 | 31.47 1.00 -3.16 | 31.14 1.04 0.00 | 27.96 0.92 0.00 | 29.10 0.91 0.00 | 27.83 1.04 0.00 | 27.73 1.18 0.00 | 26.03 1.21 -1.19 | 24.71 1.19 -1.99 | 26.52 1.46 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.69 1.73 0.00 | 23.75 1.64 0.00 | 25.53 1.57 0.00 | 32.06 1.65 0.00 | 42.21 1.87 0.00 | 46.07 1.72 0.00 | 40.79 1.99 0.00 | 35.75 1.82 0.00 | 30.41 1.62 0.00 | 32.17 1.49 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 45.96 0.59 0.00 | 33.54 0.60 -0.47 | 28.47 0.49 -0.67 | 30.60 0.51 0.00 | 27.48 0.43 0.00 | 28.60 0.41 0.00 | 27.25 0.46 0.00 | 27.03 0.48 0.00 | 24.34 0.47 -0.25 | 22.41 0.47 -0.42 | 24.43 0.51 -0.31 | 24.28 0.52 0.00 | 24.80 0.59 0.00 | 25.57 0.61 0.00 | 24.55 0.59 0.00 | 22.67 0.57 0.00 | 24.51 0.56 0.00 | 30.97 0.56 0.00 | 40.93 0.59 0.00 | 44.85 0.50 0.00 | 39.58 0.78 0.00 | 34.70 0.77 0.00 | 29.46 0.68 0.00 | 31.23 0.54 0.00 |
| ATHENS_STG_2 23670 | 45.96 0.59 0.00 | 33.54 0.60 -0.47 | 28.47 0.49 -0.67 | 30.60 0.51 0.00 | 27.48 0.43 0.00 | 28.60 0.41 0.00 | 27.25 0.46 0.00 | 27.03 0.48 0.00 | 24.34 0.47 -0.25 | 22.41 0.47 -0.42 | 24.43 0.51 -0.31 | 24.28 0.52 0.00 | 24.80 0.59 0.00 | 25.57 0.61 0.00 | 24.55 0.59 0.00 | 22.67 0.57 0.00 | 24.51 0.56 0.00 | 30.97 0.56 0.00 | 40.93 0.59 0.00 | 44.85 0.50 0.00 | 39.58 0.78 0.00 | 34.70 0.77 0.00 | 29.46 0.68 0.00 | 31.23 0.54 0.00 |
| ATHENS_STG_3 23677 | 45.96 0.59 0.00 | 33.54 0.60 -0.47 | 28.47 0.49 -0.67 | 30.60 0.51 0.00 | 27.48 0.43 0.00 | 28.60 0.41 0.00 | 27.25 0.46 0.00 | 27.03 0.48 0.00 | 24.34 0.47 -0.25 | 22.41 0.47 -0.42 | 24.43 0.51 -0.31 | 24.28 0.52 0.00 | 24.80 0.59 0.00 | 25.57 0.61 0.00 | 24.55 0.59 0.00 | 22.67 0.57 0.00 | 24.51 0.56 0.00 | 30.97 0.56 0.00 | 40.93 0.59 0.00 | 44.85 0.50 0.00 | 39.58 0.78 0.00 | 34.70 0.77 0.00 | 29.46 0.68 0.00 | 31.23 0.54 0.00 |
| AUBURN___LFGE 323710 | 45.08 -0.28 0.00 | 32.18 -0.28 0.00 | 27.06 -0.25 0.00 | 29.88 -0.22 0.00 | 26.81 -0.23 0.00 | 27.94 -0.26 0.00 | 26.53 -0.26 0.00 | 26.27 -0.29 0.00 | 23.30 -0.32 0.00 | 21.17 -0.36 0.00 | 23.22 -0.40 0.00 | 23.43 -0.33 0.00 | 23.86 -0.35 0.00 | 24.62 -0.35 0.00 | 23.66 -0.30 0.00 | 21.76 -0.35 0.00 | 23.62 -0.33 0.00 | 30.22 -0.19 0.00 | 40.23 -0.11 0.00 | 44.41 0.05 0.00 | 39.00 0.20 0.00 | 34.04 0.11 0.00 | 28.85 0.07 0.00 | 30.54 -0.14 0.00 |
| BABYLON_RES_REC 323704 | 47.84 2.48 0.00 | 36.37 1.71 -2.20 | 31.60 1.15 -3.15 | 31.28 1.18 0.00 | 28.12 1.07 0.00 | 29.27 1.08 0.00 | 28.15 1.36 0.00 | 28.06 1.50 0.00 | 26.29 1.48 -1.19 | 24.76 1.26 -1.98 | 35.04 1.63 -9.80 | 26.23 1.70 -0.77 | 25.96 1.75 0.00 | 26.70 1.73 0.00 | 25.59 1.63 0.00 | 23.66 1.56 0.00 | 25.32 1.37 0.00 | 31.60 1.20 0.00 | 41.95 1.61 0.00 | 45.33 0.98 0.00 | 40.30 1.50 0.00 | 35.34 1.41 0.00 | 30.21 1.43 0.00 | 32.06 1.37 0.00 |
| BALL_HILL_WT_PWR 323825 | 43.70 -1.67 0.00 | 31.31 -1.16 0.00 | 26.26 -1.05 0.00 | 29.31 -0.79 0.00 | 26.15 -0.90 0.00 | 27.15 -1.05 0.00 | 25.66 -1.13 0.00 | 25.56 -1.00 0.00 | 22.84 -0.78 0.00 | 20.80 -0.72 0.00 | 22.97 -0.64 0.00 | 23.13 -0.63 0.00 | 23.58 -0.63 0.00 | 24.33 -0.64 0.00 | 23.28 -0.68 0.00 | 21.25 -0.86 0.00 | 23.12 -0.83 0.00 | 29.54 -0.87 0.00 | 38.99 -1.35 0.00 | 43.15 -1.21 0.00 | 37.79 -1.01 0.00 | 32.84 -1.09 0.00 | 28.00 -0.79 0.00 | 29.80 -0.88 0.00 |
| BARON_WINDS___WT_PWR 323822 | 44.27 -1.09 0.00 | 31.72 -0.75 0.00 | 26.61 -0.69 0.00 | 29.54 -0.56 0.00 | 26.47 -0.57 0.00 | 27.54 -0.65 0.00 | 26.12 -0.68 0.00 | 25.83 -0.73 0.00 | 22.89 -0.73 0.00 | 20.76 -0.76 0.00 | 22.83 -0.78 0.00 | 22.98 -0.77 0.00 | 23.44 -0.77 0.00 | 24.18 -0.79 0.00 | 23.20 -0.76 0.00 | 21.29 -0.81 0.00 | 23.16 -0.79 0.00 | 29.49 -0.92 0.00 | 39.24 -1.10 0.00 | 43.63 -0.73 0.00 | 38.35 -0.45 0.00 | 33.41 -0.52 0.00 | 28.39 -0.39 0.00 | 30.18 -0.50 0.00 |
| BARRETT_IC_1 23704 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT_IC_10 23701 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT_IC_11 23702 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT_IC_12 23703 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT_IC_2 23705 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT_IC_3 23706 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT_IC_4 23707 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT_IC_5 23708 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_6 23709 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT_IC_7 23710 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.03 0.84 0.00 | 27.85 1.06 0.00 | 27.76 1.20 0.00 | 25.99 1.19 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.68 1.72 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.80 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.36 1.43 0.00 | 30.00 1.22 0.00 | 31.87 1.18 0.00 |
| BARRETT_IC_8 23711 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT_IC_9 23700 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT___1 23545 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BARRETT___2 23546 | 47.28 1.91 0.00 | 36.01 1.34 -2.20 | 31.36 0.91 -3.15 | 31.03 0.93 0.00 | 27.88 0.84 0.00 | 29.02 0.83 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 25.99 1.18 -1.19 | 24.62 1.12 -1.98 | 34.95 1.54 -9.80 | 26.26 1.73 -0.77 | 25.95 1.75 0.00 | 26.67 1.71 0.00 | 25.57 1.61 0.00 | 23.63 1.52 0.00 | 25.34 1.39 0.00 | 31.81 1.40 0.00 | 42.20 1.87 0.00 | 45.62 1.26 0.00 | 40.46 1.66 0.00 | 35.37 1.44 0.00 | 30.00 1.22 0.00 | 31.86 1.18 0.00 |
| BATAVIA___115KV_TB1 55881 | 44.53 -0.83 0.00 | 31.88 -0.58 0.00 | 26.71 -0.59 0.00 | 29.79 -0.31 0.00 | 26.58 -0.46 0.00 | 27.58 -0.61 0.00 | 25.99 -0.80 0.00 | 25.85 -0.70 0.00 | 23.00 -0.62 0.00 | 20.90 -0.62 0.00 | 23.02 -0.60 0.00 | 23.11 -0.65 0.00 | 23.55 -0.65 0.00 | 24.23 -0.74 0.00 | 23.24 -0.72 0.00 | 21.25 -0.85 0.00 | 23.23 -0.72 0.00 | 29.84 -0.57 0.00 | 39.60 -0.74 0.00 | 44.06 -0.30 0.00 | 38.66 -0.14 0.00 | 33.59 -0.34 0.00 | 28.58 -0.20 0.00 | 30.39 -0.30 0.00 |
| BAYONEEC___CTG1 323682 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |
| BAYONEEC___CTG10 323750 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |
| BAYONEEC___CTG2 323683 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |
| BAYONEEC___CTG3 323684 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |
| BAYONEEC___CTG4 323685 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |
| BAYONEEC___CTG5 323686 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |
| BAYONEEC___CTG6 323687 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |
| BAYONEEC___CTG7 323688 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG8 323689 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |
| BAYONEEC___CTG9 323749 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.96 0.91 0.00 | 29.08 0.89 0.00 | 27.81 1.02 0.00 | 27.72 1.16 0.00 | 26.01 1.20 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.78 1.81 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.08 1.67 0.00 | 42.22 1.88 0.00 | 46.07 1.71 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.63 0.00 | 32.18 1.50 0.00 |
| BEACON___LESR 323632 | 46.17 0.80 0.00 | 33.55 0.71 -0.36 | 28.41 0.58 -0.52 | 30.70 0.60 0.00 | 27.48 0.43 0.00 | 28.62 0.43 0.00 | 27.29 0.49 0.00 | 26.97 0.42 0.00 | 24.19 0.37 -0.20 | 22.19 0.34 -0.33 | 24.21 0.35 -0.24 | 24.08 0.32 0.00 | 24.64 0.43 0.00 | 25.41 0.44 0.00 | 24.37 0.40 0.00 | 22.48 0.37 0.00 | 24.43 0.48 0.00 | 30.98 0.57 0.00 | 41.00 0.66 0.00 | 45.04 0.68 0.00 | 39.60 0.81 0.00 | 34.72 0.79 0.00 | 29.46 0.68 0.00 | 31.20 0.52 0.00 |
| BEAVER RIVER___HYD 24048 | 47.33 1.96 0.00 | 33.78 1.31 0.00 | 28.32 1.01 0.00 | 31.20 1.10 0.00 | 28.08 1.03 0.00 | 29.31 1.12 0.00 | 27.79 1.00 0.00 | 27.40 0.84 0.00 | 24.04 0.42 0.00 | 21.74 0.21 0.00 | 23.75 0.14 0.00 | 23.79 0.04 0.00 | 24.21 0.00 0.00 | 24.88 -0.08 0.00 | 23.85 -0.11 0.00 | 21.98 -0.12 0.00 | 23.87 -0.08 0.00 | 30.49 0.08 0.00 | 41.17 0.83 0.00 | 45.91 1.55 0.00 | 39.82 1.02 0.00 | 34.40 0.47 0.00 | 29.01 0.23 0.00 | 30.80 0.12 0.00 |
| BEEBEE_GT_13 23619 | 44.50 -0.86 0.00 | 31.87 -0.60 0.00 | 26.75 -0.55 0.00 | 29.69 -0.42 0.00 | 26.55 -0.49 0.00 | 27.60 -0.59 0.00 | 26.13 -0.67 0.00 | 25.96 -0.60 0.00 | 23.11 -0.51 0.00 | 21.08 -0.45 0.00 | 23.19 -0.43 0.00 | 23.35 -0.40 0.00 | 23.79 -0.42 0.00 | 24.50 -0.46 0.00 | 23.53 -0.43 0.00 | 21.63 -0.47 0.00 | 23.56 -0.39 0.00 | 30.15 -0.26 0.00 | 39.98 -0.35 0.00 | 44.11 -0.24 0.00 | 38.62 -0.18 0.00 | 33.61 -0.32 0.00 | 28.52 -0.26 0.00 | 30.28 -0.41 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 47.66 2.30 0.00 | 36.38 1.70 -2.21 | 31.77 1.30 -3.16 | 31.47 1.36 0.00 | 28.25 1.20 0.00 | 29.39 1.20 0.00 | 28.11 1.32 0.00 | 28.01 1.45 0.00 | 26.30 1.49 -1.19 | 24.96 1.46 -1.99 | 26.81 1.74 -1.45 | 25.72 1.96 0.00 | 26.32 2.11 0.00 | 27.14 2.18 0.00 | 26.05 2.09 0.00 | 24.07 1.97 0.00 | 25.88 1.93 0.00 | 32.55 2.14 0.00 | 42.87 2.53 0.00 | 46.73 2.38 0.00 | 41.39 2.59 0.00 | 36.24 2.32 0.00 | 30.82 2.04 0.00 | 32.62 1.94 0.00 |
| BETHLEHEM___GRP 23843 | 45.64 0.28 0.00 | 33.21 0.38 -0.36 | 28.14 0.31 -0.52 | 30.39 0.29 0.00 | 27.17 0.13 0.00 | 28.30 0.11 0.00 | 26.94 0.15 0.00 | 26.72 0.16 0.00 | 23.92 0.10 -0.20 | 21.95 0.10 -0.33 | 23.93 0.08 -0.24 | 23.82 0.06 0.00 | 24.32 0.11 0.00 | 25.09 0.12 0.00 | 24.07 0.11 0.00 | 22.14 0.03 0.00 | 24.02 0.06 0.00 | 30.42 0.01 0.00 | 40.28 -0.05 0.00 | 44.22 -0.13 0.00 | 39.02 0.22 0.00 | 34.22 0.29 0.00 | 29.02 0.24 0.00 | 30.77 0.08 0.00 |
| BETHLEHEM___GS1 323560 | 45.64 0.28 0.00 | 33.21 0.38 -0.36 | 28.14 0.31 -0.52 | 30.39 0.29 0.00 | 27.17 0.13 0.00 | 28.30 0.11 0.00 | 26.94 0.14 0.00 | 26.72 0.16 0.00 | 23.92 0.10 -0.20 | 21.95 0.10 -0.33 | 23.92 0.08 -0.24 | 23.82 0.06 0.00 | 24.33 0.11 0.00 | 25.09 0.12 0.00 | 24.07 0.11 0.00 | 22.14 0.03 0.00 | 24.02 0.06 0.00 | 30.42 0.01 0.00 | 40.28 -0.05 0.00 | 44.22 -0.13 0.00 | 39.02 0.22 0.00 | 34.22 0.29 0.00 | 29.02 0.24 0.00 | 30.77 0.08 0.00 |
| BETHLEHEM___GS2 323561 | 45.64 0.28 0.00 | 33.21 0.38 -0.36 | 28.14 0.31 -0.52 | 30.39 0.29 0.00 | 27.17 0.13 0.00 | 28.30 0.11 0.00 | 26.94 0.14 0.00 | 26.72 0.16 0.00 | 23.92 0.10 -0.20 | 21.95 0.10 -0.33 | 23.92 0.08 -0.24 | 23.82 0.06 0.00 | 24.33 0.11 0.00 | 25.09 0.12 0.00 | 24.07 0.11 0.00 | 22.14 0.03 0.00 | 24.02 0.06 0.00 | 30.42 0.01 0.00 | 40.28 -0.05 0.00 | 44.22 -0.13 0.00 | 39.02 0.22 0.00 | 34.22 0.29 0.00 | 29.02 0.24 0.00 | 30.77 0.08 0.00 |
| BETHLEHEM___GS3 323562 | 45.64 0.28 0.00 | 33.21 0.38 -0.36 | 28.14 0.31 -0.52 | 30.39 0.29 0.00 | 27.17 0.13 0.00 | 28.30 0.11 0.00 | 26.94 0.14 0.00 | 26.72 0.16 0.00 | 23.92 0.10 -0.20 | 21.95 0.10 -0.33 | 23.92 0.08 -0.24 | 23.82 0.06 0.00 | 24.33 0.11 0.00 | 25.09 0.12 0.00 | 24.07 0.11 0.00 | 22.14 0.03 0.00 | 24.02 0.06 0.00 | 30.42 0.01 0.00 | 40.28 -0.05 0.00 | 44.22 -0.13 0.00 | 39.02 0.22 0.00 | 34.22 0.29 0.00 | 29.02 0.24 0.00 | 30.77 0.08 0.00 |
| BETHLEHEM___STEEL 23779 | 43.73 -1.63 0.00 | 31.35 -1.12 0.00 | 26.27 -1.03 0.00 | 29.36 -0.75 0.00 | 26.17 -0.88 0.00 | 27.13 -1.06 0.00 | 25.55 -1.25 0.00 | 25.48 -1.08 0.00 | 22.78 -0.84 0.00 | 20.78 -0.75 0.00 | 22.94 -0.67 0.00 | 23.08 -0.68 0.00 | 23.53 -0.68 0.00 | 24.21 -0.76 0.00 | 23.20 -0.76 0.00 | 21.17 -0.94 0.00 | 23.07 -0.88 0.00 | 29.54 -0.87 0.00 | 38.99 -1.35 0.00 | 43.13 -1.22 0.00 | 37.75 -1.05 0.00 | 32.81 -1.12 0.00 | 27.97 -0.81 0.00 | 29.79 -0.90 0.00 |
| BETHLHEM_115KV_TB1 79974 | 45.70 0.34 0.00 | 33.25 0.43 -0.36 | 28.17 0.35 -0.52 | 30.43 0.33 0.00 | 27.23 0.18 0.00 | 28.36 0.16 0.00 | 27.00 0.20 0.00 | 26.77 0.21 0.00 | 23.98 0.16 -0.20 | 22.00 0.15 -0.33 | 23.99 0.13 -0.24 | 23.88 0.12 0.00 | 24.38 0.17 0.00 | 25.15 0.18 0.00 | 24.13 0.17 0.00 | 22.20 0.09 0.00 | 24.08 0.13 0.00 | 30.49 0.09 0.00 | 40.40 0.06 0.00 | 44.34 -0.01 0.00 | 39.10 0.30 0.00 | 34.29 0.36 0.00 | 29.09 0.31 0.00 | 30.84 0.16 0.00 |
| BETHPAGE_CC_5 323564 | 47.76 2.40 0.00 | 36.32 1.66 -2.20 | 31.60 1.15 -3.15 | 31.27 1.18 0.00 | 28.11 1.07 0.00 | 29.26 1.07 0.00 | 28.11 1.32 0.00 | 28.01 1.45 0.00 | 26.26 1.45 -1.19 | 24.87 1.37 -1.98 | 35.22 1.80 -9.80 | 26.44 1.91 -0.77 | 26.15 1.94 0.00 | 26.88 1.92 0.00 | 25.73 1.77 0.00 | 23.75 1.64 0.00 | 25.40 1.45 0.00 | 31.83 1.42 0.00 | 42.19 1.86 0.00 | 45.63 1.27 0.00 | 40.49 1.70 0.00 | 35.39 1.46 0.00 | 30.08 1.29 0.00 | 32.00 1.32 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 43.80 -1.57 0.00 | 31.40 -1.07 0.00 | 26.32 -0.99 0.00 | 29.40 -0.70 0.00 | 26.21 -0.84 0.00 | 27.17 -1.02 0.00 | 25.60 -1.20 0.00 | 25.52 -1.03 0.00 | 22.83 -0.79 0.00 | 20.82 -0.70 0.00 | 23.00 -0.62 0.00 | 23.14 -0.62 0.00 | 23.59 -0.62 0.00 | 24.27 -0.70 0.00 | 23.27 -0.69 0.00 | 21.23 -0.87 0.00 | 23.14 -0.81 0.00 | 29.63 -0.77 0.00 | 39.09 -1.24 0.00 | 43.25 -1.11 0.00 | 37.85 -0.95 0.00 | 32.89 -1.04 0.00 | 28.03 -0.75 0.00 | 29.85 -0.84 0.00 |
| BINGHAMTON___COGEN 23790 | 44.86 -0.51 0.00 | 32.13 -0.34 0.00 | 26.99 -0.31 0.00 | 29.82 -0.27 0.00 | 26.77 -0.28 0.00 | 27.90 -0.30 0.00 | 26.53 -0.26 0.00 | 26.29 -0.27 0.00 | 23.40 -0.22 0.00 | 21.30 -0.22 0.00 | 23.42 -0.19 0.00 | 23.60 -0.16 0.00 | 24.06 -0.15 0.00 | 24.80 -0.17 0.00 | 23.83 -0.13 0.00 | 21.97 -0.13 0.00 | 23.82 -0.13 0.00 | 30.25 -0.16 0.00 | 40.16 -0.18 0.00 | 44.23 -0.13 0.00 | 38.79 -0.01 0.00 | 33.85 -0.08 0.00 | 28.69 -0.09 0.00 | 30.49 -0.19 0.00 |

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| BIXINCNT_115KV_LOAD 355685 | 44.14 -1.23 0.00 | 31.61 -0.86 0.00 | 26.52 -0.78 0.00 | 29.62 -0.49 0.00 | 26.40 -0.65 0.00 | 27.40 -0.79 0.00 | 25.90 -0.89 0.00 | 25.81 -0.74 0.00 | 23.07 -0.55 0.00 | 21.04 -0.49 0.00 | 23.17 -0.44 0.00 | 23.33 -0.43 0.00 | 23.74 -0.47 0.00 | 24.43 -0.53 0.00 | 23.43 -0.53 0.00 | 21.42 -0.69 0.00 | 23.30 -0.65 0.00 | 29.82 -0.59 0.00 | 39.30 -1.04 0.00 | 43.54 -0.81 0.00 | 38.08 -0.72 0.00 | 33.09 -0.84 0.00 | 28.22 -0.56 0.00 | 30.03 -0.65 0.00 |
| BLACK RIVER___HYD 24047 | 47.64 2.28 0.00 | 34.00 1.54 0.00 | 28.53 1.22 0.00 | 31.45 1.35 0.00 | 28.25 1.20 0.00 | 29.47 1.28 0.00 | 27.95 1.16 0.00 | 27.52 0.96 0.00 | 24.02 0.39 0.00 | 21.63 0.11 0.00 | 23.62 0.00 0.00 | 23.63 -0.13 0.00 | 24.01 -0.19 0.00 | 24.69 -0.28 0.00 | 23.66 -0.30 0.00 | 21.82 -0.29 0.00 | 23.71 -0.24 0.00 | 30.36 -0.05 0.00 | 41.20 0.87 0.00 | 46.23 1.88 0.00 | 40.20 1.40 0.00 | 34.62 0.69 0.00 | 29.17 0.39 0.00 | 30.82 0.14 0.00 |
| BLACKRVR_115KV_TB2 79977 | 47.65 2.28 0.00 | 34.00 1.54 0.00 | 28.53 1.22 0.00 | 31.45 1.35 0.00 | 28.25 1.20 0.00 | 29.47 1.28 0.00 | 27.95 1.16 0.00 | 27.52 0.96 0.00 | 24.01 0.39 0.00 | 21.63 0.11 0.00 | 23.62 0.00 0.00 | 23.63 -0.13 0.00 | 24.01 -0.19 0.00 | 24.69 -0.28 0.00 | 23.66 -0.30 0.00 | 21.82 -0.29 0.00 | 23.72 -0.24 0.00 | 30.36 -0.05 0.00 | 41.21 0.87 0.00 | 46.23 1.88 0.00 | 40.20 1.40 0.00 | 34.62 0.69 0.00 | 29.17 0.39 0.00 | 30.82 0.14 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 47.69 2.33 0.00 | 36.27 1.61 -2.20 | 31.58 1.12 -3.15 | 31.25 1.15 0.00 | 28.09 1.04 0.00 | 29.24 1.05 0.00 | 28.06 1.27 0.00 | 27.97 1.41 0.00 | 26.20 1.39 -1.19 | 24.83 1.33 -1.98 | 35.17 1.76 -9.80 | 26.47 1.93 -0.77 | 26.19 1.99 0.00 | 26.96 2.00 0.00 | 25.84 1.88 0.00 | 23.88 1.77 0.00 | 25.61 1.66 0.00 | 32.13 1.73 0.00 | 42.63 2.29 0.00 | 46.10 1.75 0.00 | 40.88 2.08 0.00 | 35.73 1.80 0.00 | 30.31 1.53 0.00 | 32.16 1.48 0.00 |
| BLISS_WT_PWR 323608 | 44.13 -1.23 0.00 | 31.61 -0.86 0.00 | 26.53 -0.78 0.00 | 29.62 -0.49 0.00 | 26.40 -0.65 0.00 | 27.42 -0.77 0.00 | 25.96 -0.83 0.00 | 25.85 -0.70 0.00 | 23.10 -0.53 0.00 | 21.04 -0.48 0.00 | 23.18 -0.43 0.00 | 23.33 -0.43 0.00 | 23.75 -0.46 0.00 | 24.50 -0.47 0.00 | 23.44 -0.52 0.00 | 21.43 -0.68 0.00 | 23.31 -0.64 0.00 | 29.84 -0.57 0.00 | 39.31 -1.03 0.00 | 43.57 -0.79 0.00 | 38.09 -0.71 0.00 | 33.07 -0.86 0.00 | 28.23 -0.55 0.00 | 30.03 -0.65 0.00 |
| BLUESTONE___WT_PWR 323821 | 46.41 1.05 0.00 | 32.54 0.34 0.27 | 26.97 0.04 0.38 | 30.23 0.13 0.00 | 27.33 0.29 0.00 | 28.96 0.77 0.00 | 27.45 0.66 0.00 | 27.13 0.57 0.00 | 23.99 0.52 0.14 | 21.72 0.43 0.24 | 23.87 0.43 0.17 | 24.23 0.48 0.00 | 24.67 0.46 0.00 | 25.45 0.48 0.00 | 24.48 0.52 0.00 | 22.67 0.56 0.00 | 24.65 0.70 0.00 | 31.53 1.12 0.00 | 42.00 1.66 0.00 | 46.30 1.94 0.00 | 40.73 1.93 0.00 | 35.52 1.59 0.00 | 30.04 1.26 0.00 | 31.87 1.18 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 46.12 0.76 0.00 | 33.53 0.74 -0.33 | 28.41 0.63 -0.47 | 30.77 0.67 0.00 | 27.58 0.53 0.00 | 28.71 0.52 0.00 | 27.31 0.52 0.00 | 26.99 0.44 0.00 | 24.08 0.28 -0.18 | 22.05 0.23 -0.30 | 24.04 0.21 -0.22 | 23.94 0.18 0.00 | 24.42 0.22 0.00 | 25.19 0.23 0.00 | 24.18 0.22 0.00 | 22.26 0.16 0.00 | 24.17 0.22 0.00 | 30.66 0.25 0.00 | 40.70 0.36 0.00 | 44.80 0.45 0.00 | 39.51 0.71 0.00 | 34.65 0.71 0.00 | 29.42 0.63 0.00 | 31.20 0.52 0.00 |
| BOC_GAS_DRP 24189 | 45.78 0.41 0.00 | 33.30 0.48 -0.36 | 28.21 0.40 -0.51 | 30.50 0.41 0.00 | 27.35 0.31 0.00 | 28.48 0.29 0.00 | 27.11 0.32 0.00 | 26.88 0.33 0.00 | 24.10 0.28 -0.19 | 22.12 0.27 -0.32 | 24.13 0.28 -0.23 | 24.03 0.27 0.00 | 24.53 0.32 0.00 | 25.30 0.33 0.00 | 24.28 0.32 0.00 | 22.38 0.27 0.00 | 24.25 0.29 0.00 | 30.68 0.27 0.00 | 40.60 0.26 0.00 | 44.56 0.21 0.00 | 39.28 0.48 0.00 | 34.43 0.50 0.00 | 29.23 0.44 0.00 | 31.01 0.32 0.00 |
| BOONVILLE_115KV_TB1 79983 | 46.66 1.29 0.00 | 33.38 0.92 0.00 | 28.02 0.72 0.00 | 30.89 0.78 0.00 | 27.76 0.72 0.00 | 28.95 0.76 0.00 | 27.49 0.70 0.00 | 27.16 0.60 0.00 | 23.98 0.36 0.00 | 21.77 0.25 0.00 | 23.83 0.22 0.00 | 23.95 0.19 0.00 | 24.38 0.17 0.00 | 25.12 0.15 0.00 | 24.11 0.15 0.00 | 22.24 0.13 0.00 | 24.15 0.20 0.00 | 30.79 0.38 0.00 | 41.25 0.91 0.00 | 45.65 1.30 0.00 | 39.79 0.99 0.00 | 34.55 0.62 0.00 | 29.21 0.42 0.00 | 31.05 0.36 0.00 |
| BORALEX_4TH_BRANCH 23824 | 46.77 1.41 0.00 | 34.20 1.32 -0.41 | 28.96 1.08 -0.58 | 31.22 1.12 0.00 | 28.03 0.98 0.00 | 29.18 0.98 0.00 | 27.77 0.98 0.00 | 27.65 1.09 0.00 | 24.69 0.85 -0.22 | 22.59 0.70 -0.37 | 24.52 0.64 -0.27 | 24.35 0.59 0.00 | 24.87 0.66 0.00 | 25.65 0.68 0.00 | 24.60 0.64 0.00 | 22.61 0.51 0.00 | 24.61 0.66 0.00 | 31.15 0.74 0.00 | 41.31 0.97 0.00 | 45.40 1.04 0.00 | 40.20 1.40 0.00 | 35.39 1.46 0.00 | 30.05 1.27 0.00 | 31.83 1.15 0.00 |
| BOWLINE___1 23526 | 46.49 1.13 0.00 | 30.27 0.85 3.05 | 23.56 0.61 4.35 | 30.72 0.62 0.00 | 27.58 0.54 0.00 | 28.71 0.52 0.00 | 27.42 0.63 0.00 | 27.31 0.75 0.00 | 22.78 0.80 1.64 | 19.58 0.80 2.74 | 22.60 0.98 1.99 | 24.89 1.13 0.00 | 25.46 1.25 0.00 | 26.26 1.29 0.00 | 25.18 1.22 0.00 | 23.26 1.15 0.00 | 25.03 1.08 0.00 | 31.50 1.09 0.00 | 41.53 1.19 0.00 | 45.38 1.02 0.00 | 40.13 1.33 0.00 | 35.15 1.22 0.00 | 29.87 1.09 0.00 | 31.63 0.94 0.00 |
| BOWLINE___2 23595 | 46.51 1.15 0.00 | 30.29 0.87 3.05 | 23.58 0.63 4.36 | 30.74 0.64 0.00 | 27.59 0.55 0.00 | 28.73 0.54 0.00 | 27.44 0.65 0.00 | 27.32 0.76 0.00 | 22.80 0.82 1.64 | 19.59 0.81 2.74 | 22.61 0.99 2.00 | 24.90 1.14 0.00 | 25.47 1.27 0.00 | 26.27 1.30 0.00 | 25.20 1.24 0.00 | 23.29 1.18 0.00 | 25.07 1.12 0.00 | 31.56 1.15 0.00 | 41.59 1.26 0.00 | 45.44 1.09 0.00 | 40.20 1.40 0.00 | 35.20 1.27 0.00 | 29.91 1.13 0.00 | 31.67 0.98 0.00 |
| BRADY___115KV_TB2 356060 | 47.36 2.00 0.00 | 33.71 1.25 0.00 | 28.18 0.88 0.00 | 31.04 0.94 0.00 | 28.00 0.95 0.00 | 29.29 1.10 0.00 | 27.71 0.92 0.00 | 27.37 0.81 0.00 | 24.18 0.55 0.00 | 21.98 0.45 0.00 | 24.10 0.49 0.00 | 24.23 0.47 0.00 | 24.64 0.43 0.00 | 25.34 0.37 0.00 | 24.28 0.32 0.00 | 22.41 0.30 0.00 | 24.27 0.32 0.00 | 31.05 0.65 0.00 | 41.46 1.12 0.00 | 46.11 1.76 0.00 | 40.22 1.42 0.00 | 35.14 1.21 0.00 | 29.68 0.89 0.00 | 31.74 1.06 0.00 |
| BRANSCOMB___SOLAR 323811 | 46.94 1.57 0.00 | 34.18 1.37 -0.35 | 28.88 1.09 -0.50 | 31.24 1.14 0.00 | 28.05 1.00 0.00 | 29.22 1.02 0.00 | 27.80 1.01 0.00 | 27.50 0.95 0.00 | 24.49 0.68 -0.19 | 22.37 0.54 -0.31 | 24.30 0.45 -0.23 | 24.14 0.38 0.00 | 24.63 0.42 0.00 | 25.41 0.44 0.00 | 24.39 0.43 0.00 | 22.54 0.43 0.00 | 24.54 0.59 0.00 | 31.29 0.88 0.00 | 41.76 1.43 0.00 | 45.98 1.63 0.00 | 40.62 1.82 0.00 | 35.59 1.66 0.00 | 30.16 1.38 0.00 | 31.98 1.29 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 49.40 4.04 0.00 | 37.35 2.69 -2.20 | 32.22 1.77 -3.15 | 31.99 1.89 0.00 | 28.73 1.68 0.00 | 29.94 1.75 0.00 | 29.15 2.36 0.00 | 29.13 2.57 0.00 | 27.34 2.53 -1.19 | 25.94 2.44 -1.98 | 36.47 3.06 -9.80 | 27.51 2.98 -0.77 | 27.27 3.06 0.00 | 28.05 3.08 0.00 | 26.89 2.93 0.00 | 24.88 2.77 0.00 | 26.72 2.77 0.00 | 33.53 3.13 0.00 | 44.41 4.08 0.00 | 47.93 3.58 0.00 | 42.52 3.73 0.00 | 36.85 2.92 0.00 | 31.15 2.36 0.00 | 32.83 2.14 0.00 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 48.10 2.73 0.00 | 36.54 1.87 -2.20 | 31.72 1.27 -3.15 | 31.40 1.30 0.00 | 28.23 1.19 0.00 | 29.39 1.20 0.00 | 28.32 1.53 0.00 | 28.22 1.67 0.00 | 26.44 1.63 -1.19 | 25.02 1.52 -1.98 | 35.42 2.01 -9.80 | 26.61 2.08 -0.77 | 26.35 2.14 0.00 | 27.12 2.15 0.00 | 25.96 2.00 0.00 | 23.98 1.87 0.00 | 25.69 1.74 0.00 | 32.17 1.77 0.00 | 42.64 2.30 0.00 | 46.07 1.72 0.00 | 40.92 2.12 0.00 | 35.68 1.75 0.00 | 30.26 1.47 0.00 | 32.06 1.37 0.00 |
| BRISTLHL_115KV_TB1 79998 | 44.20 -1.17 0.00 | 31.69 -0.78 0.00 | 26.67 -0.63 0.00 | 29.43 -0.67 0.00 | 26.41 -0.64 0.00 | 27.49 -0.70 0.00 | 26.12 -0.68 0.00 | 25.87 -0.68 0.00 | 22.99 -0.63 0.00 | 20.94 -0.59 0.00 | 22.97 -0.64 0.00 | 23.08 -0.68 0.00 | 23.50 -0.71 0.00 | 24.26 -0.71 0.00 | 23.29 -0.67 0.00 | 21.50 -0.61 0.00 | 23.32 -0.63 0.00 | 29.67 -0.74 0.00 | 39.42 -0.92 0.00 | 43.40 -0.96 0.00 | 38.07 -0.73 0.00 | 33.23 -0.70 0.00 | 28.17 -0.61 0.00 | 29.95 -0.73 0.00 |
| BROOKHAVEN___DRP 24191 | 48.02 2.65 0.00 | 36.45 1.78 -2.20 | 31.54 1.09 -3.15 | 31.20 1.10 0.00 | 28.09 1.04 0.00 | 29.25 1.06 0.00 | 28.38 1.58 0.00 | 28.29 1.73 0.00 | 26.51 1.70 -1.19 | 25.11 1.60 -1.98 | 35.45 2.04 -9.80 | 26.51 1.98 -0.77 | 26.24 2.03 0.00 | 26.95 1.98 0.00 | 25.77 1.81 0.00 | 23.81 1.71 0.00 | 25.50 1.55 0.00 | 31.93 1.53 0.00 | 42.29 1.95 0.00 | 45.67 1.31 0.00 | 40.64 1.84 0.00 | 35.35 1.42 0.00 | 29.95 1.17 0.00 | 31.67 0.98 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 47.14 1.78 0.00 | 36.01 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.95 0.90 0.00 | 29.07 0.88 0.00 | 27.81 1.02 0.00 | 27.71 1.15 0.00 | 25.99 1.18 -1.19 | 24.68 1.17 -1.99 | 26.49 1.43 -1.45 | 25.38 1.63 0.00 | 25.96 1.75 0.00 | 26.74 1.78 0.00 | 25.68 1.72 0.00 | 23.74 1.63 0.00 | 25.51 1.56 0.00 | 32.04 1.63 0.00 | 42.18 1.85 0.00 | 46.03 1.68 0.00 | 40.72 1.92 0.00 | 35.67 1.74 0.00 | 30.37 1.59 0.00 | 32.13 1.44 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.21 0.00 | 28.11 1.06 0.00 | 29.24 1.05 0.00 | 27.98 1.19 0.00 | 27.87 1.31 0.00 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.66 1.60 -1.45 | 25.57 1.81 0.00 | 26.16 1.95 0.00 | 26.98 2.01 0.00 | 25.89 1.93 0.00 | 23.92 1.81 0.00 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.59 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.33 0.00 | 36.02 2.09 0.00 | 30.63 1.85 0.00 | 32.42 1.74 0.00 |
| BROOME_2_LFGE 323671 | 44.86 -0.51 0.00 | 32.13 -0.34 0.00 | 26.99 -0.31 0.00 | 29.82 -0.27 0.00 | 26.77 -0.28 0.00 | 27.90 -0.30 0.00 | 26.54 -0.25 0.00 | 26.30 -0.26 0.00 | 23.40 -0.22 0.00 | 21.30 -0.22 0.00 | 23.41 -0.20 0.00 | 23.60 -0.16 0.00 | 24.06 -0.15 0.00 | 24.81 -0.16 0.00 | 23.83 -0.13 0.00 | 21.97 -0.13 0.00 | 23.82 -0.13 0.00 | 30.25 -0.16 0.00 | 40.16 -0.18 0.00 | 44.23 -0.13 0.00 | 38.79 -0.01 0.00 | 33.85 -0.08 0.00 | 28.69 -0.09 0.00 | 30.49 -0.19 0.00 |
| BROOME___LFGE 323600 | 44.86 -0.51 0.00 | 32.13 -0.34 0.00 | 26.99 -0.31 0.00 | 29.82 -0.27 0.00 | 26.77 -0.28 0.00 | 27.90 -0.30 0.00 | 26.54 -0.25 0.00 | 26.30 -0.26 0.00 | 23.40 -0.22 0.00 | 21.30 -0.22 0.00 | 23.41 -0.20 0.00 | 23.60 -0.16 0.00 | 24.06 -0.15 0.00 | 24.81 -0.16 0.00 | 23.83 -0.13 0.00 | 21.97 -0.13 0.00 | 23.82 -0.13 0.00 | 30.25 -0.16 0.00 | 40.16 -0.18 0.00 | 44.23 -0.13 0.00 | 38.79 -0.01 0.00 | 33.85 -0.08 0.00 | 28.69 -0.09 0.00 | 30.49 -0.19 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 47.11 1.75 0.00 | 33.59 1.12 0.00 | 28.11 0.81 0.00 | 30.97 0.87 0.00 | 27.94 0.90 0.00 | 29.21 1.02 0.00 | 27.65 0.86 0.00 | 27.33 0.77 0.00 | 24.07 0.44 0.00 | 21.82 0.29 0.00 | 23.86 0.25 0.00 | 23.95 0.19 0.00 | 24.35 0.14 0.00 | 25.04 0.08 0.00 | 24.00 0.04 0.00 | 22.13 0.03 0.00 | 24.01 0.06 0.00 | 30.69 0.28 0.00 | 41.25 0.91 0.00 | 45.90 1.54 0.00 | 39.87 1.07 0.00 | 34.59 0.66 0.00 | 29.19 0.41 0.00 | 31.09 0.40 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 47.59 2.23 0.00 | 36.31 1.64 -2.21 | 31.72 1.25 -3.16 | 31.41 1.31 0.00 | 28.20 1.16 0.00 | 29.35 1.16 0.00 | 28.07 1.28 0.00 | 27.97 1.41 0.00 | 26.24 1.43 -1.19 | 24.90 1.39 -1.99 | 26.75 1.69 -1.45 | 25.64 1.88 0.00 | 26.22 2.01 0.00 | 27.05 2.08 0.00 | 25.95 1.99 0.00 | 23.99 1.89 0.00 | 25.79 1.84 0.00 | 32.40 2.00 0.00 | 42.65 2.31 0.00 | 46.56 2.20 0.00 | 41.21 2.41 0.00 | 36.11 2.18 0.00 | 30.71 1.93 0.00 | 32.49 1.80 0.00 |
| BURROWS___LYONSDAL 23803 | 46.78 1.42 0.00 | 33.46 0.99 0.00 | 28.08 0.77 0.00 | 30.95 0.85 0.00 | 27.83 0.78 0.00 | 29.02 0.83 0.00 | 27.55 0.76 0.00 | 27.20 0.64 0.00 | 23.98 0.36 0.00 | 21.75 0.23 0.00 | 23.80 0.19 0.00 | 23.90 0.14 0.00 | 24.32 0.11 0.00 | 25.04 0.08 0.00 | 24.03 0.07 0.00 | 22.15 0.04 0.00 | 24.06 0.11 0.00 | 30.68 0.27 0.00 | 41.17 0.83 0.00 | 45.65 1.29 0.00 | 39.71 0.91 0.00 | 34.41 0.48 0.00 | 29.06 0.28 0.00 | 30.90 0.21 0.00 |
| CAITHNESS_CC_1 323624 | 47.88 2.51 0.00 | 36.37 1.70 -2.20 | 31.50 1.05 -3.15 | 31.16 1.06 0.00 | 28.05 1.00 0.00 | 29.21 1.01 0.00 | 28.28 1.48 0.00 | 28.19 1.64 0.00 | 26.43 1.62 -1.19 | 25.03 1.52 -1.98 | 35.37 1.96 -9.80 | 26.46 1.93 -0.77 | 26.19 1.99 0.00 | 26.90 1.93 0.00 | 25.74 1.78 0.00 | 23.78 1.68 0.00 | 25.46 1.51 0.00 | 31.88 1.47 0.00 | 42.19 1.86 0.00 | 45.58 1.22 0.00 | 40.56 1.76 0.00 | 35.30 1.37 0.00 | 29.91 1.13 0.00 | 31.65 0.96 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 47.74 2.38 0.00 | 36.32 1.66 -2.20 | 31.60 1.15 -3.15 | 31.28 1.18 0.00 | 28.12 1.07 0.00 | 29.27 1.08 0.00 | 28.12 1.33 0.00 | 28.02 1.46 0.00 | 26.25 1.45 -1.19 | 24.87 1.37 -1.98 | 35.22 1.80 -9.80 | 26.46 1.93 -0.77 | 26.18 1.97 0.00 | 26.94 1.97 0.00 | 25.76 1.80 0.00 | 23.76 1.65 0.00 | 25.39 1.44 0.00 | 31.83 1.42 0.00 | 42.18 1.85 0.00 | 45.62 1.27 0.00 | 40.48 1.68 0.00 | 35.39 1.46 0.00 | 30.12 1.34 0.00 | 32.07 1.39 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 47.74 2.38 0.00 | 36.32 1.66 -2.20 | 31.60 1.15 -3.15 | 31.28 1.18 0.00 | 28.12 1.07 0.00 | 29.26 1.07 0.00 | 28.11 1.32 0.00 | 28.01 1.45 0.00 | 26.25 1.44 -1.19 | 24.87 1.37 -1.98 | 35.22 1.80 -9.80 | 26.46 1.93 -0.77 | 26.18 1.98 0.00 | 26.92 1.96 0.00 | 25.76 1.80 0.00 | 23.76 1.65 0.00 | 25.39 1.44 0.00 | 31.83 1.42 0.00 | 42.18 1.85 0.00 | 45.62 1.27 0.00 | 40.48 1.68 0.00 | 35.39 1.47 0.00 | 30.12 1.34 0.00 | 32.07 1.39 0.00 |
| CALPINE_BP_GT1 23823 | 47.74 2.38 0.00 | 36.32 1.66 -2.20 | 31.60 1.15 -3.15 | 31.28 1.18 0.00 | 28.12 1.07 0.00 | 29.26 1.07 0.00 | 28.11 1.32 0.00 | 28.01 1.45 0.00 | 26.25 1.44 -1.19 | 24.87 1.37 -1.98 | 35.22 1.80 -9.80 | 26.46 1.93 -0.77 | 26.18 1.98 0.00 | 26.92 1.96 0.00 | 25.76 1.80 0.00 | 23.76 1.65 0.00 | 25.39 1.44 0.00 | 31.83 1.42 0.00 | 42.18 1.85 0.00 | 45.62 1.27 0.00 | 40.48 1.68 0.00 | 35.39 1.47 0.00 | 30.12 1.34 0.00 | 32.07 1.39 0.00 |
| CALSPAN___DRP 24200 | 43.73 -1.63 0.00 | 31.35 -1.12 0.00 | 26.27 -1.03 0.00 | 29.36 -0.75 0.00 | 26.17 -0.88 0.00 | 27.13 -1.06 0.00 | 25.55 -1.25 0.00 | 25.48 -1.08 0.00 | 22.78 -0.84 0.00 | 20.78 -0.75 0.00 | 22.94 -0.67 0.00 | 23.08 -0.68 0.00 | 23.53 -0.68 0.00 | 24.21 -0.76 0.00 | 23.20 -0.76 0.00 | 21.17 -0.94 0.00 | 23.07 -0.88 0.00 | 29.54 -0.87 0.00 | 38.99 -1.35 0.00 | 43.13 -1.22 0.00 | 37.75 -1.05 0.00 | 32.81 -1.12 0.00 | 27.97 -0.81 0.00 | 29.79 -0.90 0.00 |

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| CALVERTON___SOLAR 323806 | 48.17 2.80 0.00 | 36.56 1.89 -2.20 | 31.61 1.16 -3.15 | 31.28 1.18 0.00 | 28.15 1.10 0.00 | 29.31 1.12 0.00 | 28.47 1.68 0.00 | 28.38 1.83 0.00 | 26.60 1.79 -1.19 | 25.20 1.70 -1.98 | 35.56 2.15 -9.80 | 26.60 2.07 -0.77 | 26.33 2.12 0.00 | 27.01 2.04 0.00 | 25.85 1.89 0.00 | 23.88 1.77 0.00 | 25.59 1.64 0.00 | 32.06 1.65 0.00 | 42.47 2.13 0.00 | 45.86 1.50 0.00 | 40.81 2.01 0.00 | 35.47 1.54 0.00 | 30.05 1.27 0.00 | 31.75 1.06 0.00 |
| CANDIGU_WT_PWR 323617 | 44.27 -1.09 0.00 | 31.72 -0.75 0.00 | 26.61 -0.69 0.00 | 29.54 -0.56 0.00 | 26.47 -0.57 0.00 | 27.54 -0.65 0.00 | 26.12 -0.68 0.00 | 25.83 -0.73 0.00 | 22.89 -0.73 0.00 | 20.76 -0.76 0.00 | 22.83 -0.78 0.00 | 22.98 -0.77 0.00 | 23.44 -0.77 0.00 | 24.18 -0.79 0.00 | 23.20 -0.76 0.00 | 21.29 -0.81 0.00 | 23.16 -0.79 0.00 | 29.49 -0.92 0.00 | 39.24 -1.10 0.00 | 43.63 -0.73 0.00 | 38.35 -0.45 0.00 | 33.41 -0.52 0.00 | 28.39 -0.39 0.00 | 30.18 -0.50 0.00 |
| CARR STREET_E_SYR 24060 | 44.18 -1.19 0.00 | 31.72 -0.74 0.00 | 26.71 -0.59 0.00 | 29.48 -0.62 0.00 | 26.45 -0.60 0.00 | 27.56 -0.63 0.00 | 26.21 -0.59 0.00 | 25.97 -0.59 0.00 | 23.08 -0.54 0.00 | 21.03 -0.50 0.00 | 23.08 -0.53 0.00 | 23.22 -0.54 0.00 | 23.63 -0.57 0.00 | 24.36 -0.60 0.00 | 23.39 -0.57 0.00 | 21.55 -0.56 0.00 | 23.38 -0.57 0.00 | 29.74 -0.67 0.00 | 39.51 -0.83 0.00 | 43.47 -0.88 0.00 | 38.12 -0.68 0.00 | 33.27 -0.66 0.00 | 28.21 -0.58 0.00 | 29.98 -0.70 0.00 |
| CARTHAGE___PAPER 23857 | 47.78 2.42 0.00 | 34.09 1.63 0.00 | 28.58 1.27 0.00 | 31.49 1.39 0.00 | 28.33 1.28 0.00 | 29.57 1.37 0.00 | 28.03 1.24 0.00 | 27.61 1.06 0.00 | 24.15 0.53 0.00 | 21.78 0.25 0.00 | 23.77 0.15 0.00 | 23.78 0.02 0.00 | 24.18 -0.03 0.00 | 24.86 -0.11 0.00 | 23.82 -0.14 0.00 | 21.96 -0.15 0.00 | 23.86 -0.09 0.00 | 30.55 0.14 0.00 | 41.41 1.07 0.00 | 46.35 2.00 0.00 | 40.26 1.46 0.00 | 34.73 0.80 0.00 | 29.26 0.48 0.00 | 31.00 0.31 0.00 |
| CASSADAGA_WT_PWR 323784 | 44.40 -0.96 0.00 | 31.79 -0.67 0.00 | 26.66 -0.64 0.00 | 29.74 -0.36 0.00 | 26.55 -0.50 0.00 | 27.57 -0.63 0.00 | 26.12 -0.67 0.00 | 26.01 -0.54 0.00 | 23.24 -0.38 0.00 | 21.17 -0.35 0.00 | 23.37 -0.24 0.00 | 23.55 -0.21 0.00 | 23.99 -0.22 0.00 | 24.76 -0.20 0.00 | 23.73 -0.23 0.00 | 21.65 -0.46 0.00 | 23.51 -0.44 0.00 | 30.05 -0.35 0.00 | 39.69 -0.64 0.00 | 44.00 -0.35 0.00 | 38.58 -0.22 0.00 | 33.53 -0.40 0.00 | 28.54 -0.25 0.00 | 30.34 -0.35 0.00 |
| CE_DUNWOOD___DRP 24194 | 46.86 1.50 0.00 | 35.90 1.14 -2.30 | 31.44 0.85 -3.28 | 30.97 0.87 0.00 | 27.81 0.76 0.00 | 28.94 0.75 0.00 | 27.67 0.88 0.00 | 27.55 1.00 0.00 | 25.88 1.03 -1.24 | 24.59 1.01 -2.06 | 26.34 1.22 -1.50 | 25.13 1.37 0.00 | 25.70 1.49 0.00 | 26.51 1.55 0.00 | 25.44 1.47 0.00 | 23.51 1.40 0.00 | 25.30 1.35 0.00 | 31.83 1.43 0.00 | 41.93 1.60 0.00 | 45.82 1.47 0.00 | 40.53 1.73 0.00 | 35.50 1.58 0.00 | 30.17 1.38 0.00 | 31.92 1.24 0.00 |
| CE_MILLWOOD___DRP 24193 | 46.74 1.38 0.00 | 35.84 1.05 -2.32 | 31.40 0.78 -3.32 | 30.90 0.80 0.00 | 27.74 0.70 0.00 | 28.88 0.68 0.00 | 27.60 0.81 0.00 | 27.48 0.92 0.00 | 25.82 0.95 -1.25 | 24.54 0.94 -2.08 | 26.27 1.14 -1.52 | 25.04 1.28 0.00 | 25.60 1.39 0.00 | 26.42 1.45 0.00 | 25.34 1.38 0.00 | 23.42 1.31 0.00 | 25.22 1.27 0.00 | 31.74 1.33 0.00 | 41.82 1.48 0.00 | 45.71 1.35 0.00 | 40.43 1.63 0.00 | 35.41 1.48 0.00 | 30.08 1.30 0.00 | 31.83 1.15 0.00 |
| CE_NYC2_DRP 24202 | 47.27 1.91 0.00 | 36.11 1.44 -2.21 | 31.56 1.10 -3.16 | 31.23 1.13 0.00 | 28.08 1.03 0.00 | 29.19 1.00 0.00 | 27.94 1.15 0.00 | 27.84 1.29 0.00 | 26.12 1.31 -1.19 | 24.79 1.28 -1.99 | 26.62 1.56 -1.45 | 25.51 1.75 0.00 | 26.08 1.88 0.00 | 26.90 1.93 0.00 | 25.81 1.85 0.00 | 23.85 1.75 0.00 | 25.63 1.68 0.00 | 32.16 1.75 0.00 | 42.37 2.03 0.00 | 46.21 1.86 0.00 | 40.95 2.15 0.00 | 35.87 1.94 0.00 | 30.52 1.74 0.00 | 32.30 1.61 0.00 |
| CE_NYC_DRP 24195 | 47.22 1.86 0.00 | 36.07 1.39 -2.21 | 31.51 1.04 -3.16 | 31.17 1.07 0.00 | 28.00 0.95 0.00 | 29.13 0.94 0.00 | 27.88 1.08 0.00 | 27.78 1.22 0.00 | 26.06 1.24 -1.19 | 24.73 1.22 -1.99 | 26.56 1.50 -1.45 | 25.44 1.68 0.00 | 26.01 1.80 0.00 | 26.83 1.86 0.00 | 25.74 1.78 0.00 | 23.79 1.69 0.00 | 25.58 1.63 0.00 | 32.13 1.72 0.00 | 42.30 1.96 0.00 | 46.16 1.81 0.00 | 40.86 2.06 0.00 | 35.80 1.87 0.00 | 30.46 1.68 0.00 | 32.22 1.54 0.00 |
| CHAFFEE___LFGE 323603 | 43.88 -1.48 0.00 | 31.45 -1.01 0.00 | 26.37 -0.94 0.00 | 29.46 -0.65 0.00 | 26.27 -0.78 0.00 | 27.25 -0.94 0.00 | 25.71 -1.08 0.00 | 25.63 -0.93 0.00 | 22.91 -0.72 0.00 | 20.86 -0.66 0.00 | 23.04 -0.57 0.00 | 23.17 -0.58 0.00 | 23.63 -0.58 0.00 | 24.37 -0.60 0.00 | 23.30 -0.67 0.00 | 21.26 -0.85 0.00 | 23.16 -0.79 0.00 | 29.66 -0.75 0.00 | 39.15 -1.18 0.00 | 43.32 -1.04 0.00 | 37.93 -0.87 0.00 | 32.96 -0.97 0.00 | 28.11 -0.67 0.00 | 29.91 -0.78 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 46.64 1.28 0.00 | 33.20 0.74 0.00 | 27.81 0.51 0.00 | 30.67 0.57 0.00 | 27.60 0.55 0.00 | 28.72 0.53 0.00 | 27.21 0.42 0.00 | 26.93 0.37 0.00 | 23.94 0.32 0.00 | 21.78 0.25 0.00 | 23.84 0.22 0.00 | 23.94 0.18 0.00 | 24.28 0.07 0.00 | 24.98 0.01 0.00 | 23.94 -0.02 0.00 | 22.11 0.01 0.00 | 23.91 -0.04 0.00 | 30.56 0.15 0.00 | 40.88 0.54 0.00 | 45.20 0.85 0.00 | 39.25 0.45 0.00 | 34.16 0.23 0.00 | 28.80 0.02 0.00 | 30.69 0.01 0.00 |
| CHATEAUG_WT_PWR 323614 | 46.56 1.20 0.00 | 33.15 0.69 0.00 | 27.77 0.47 0.00 | 30.62 0.53 0.00 | 27.55 0.50 0.00 | 28.68 0.49 0.00 | 27.19 0.39 0.00 | 26.93 0.37 0.00 | 23.95 0.33 0.00 | 21.79 0.27 0.00 | 23.85 0.24 0.00 | 23.94 0.19 0.00 | 24.30 0.09 0.00 | 25.00 0.03 0.00 | 23.96 0.00 0.00 | 22.14 0.03 0.00 | 23.93 -0.02 0.00 | 30.58 0.17 0.00 | 40.91 0.57 0.00 | 45.16 0.81 0.00 | 39.21 0.40 0.00 | 34.12 0.19 0.00 | 28.76 -0.02 0.00 | 30.64 -0.04 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 46.64 1.28 0.00 | 33.20 0.74 0.00 | 27.81 0.51 0.00 | 30.67 0.57 0.00 | 27.60 0.55 0.00 | 28.72 0.53 0.00 | 27.21 0.42 0.00 | 26.93 0.37 0.00 | 23.94 0.32 0.00 | 21.78 0.25 0.00 | 23.84 0.22 0.00 | 23.94 0.18 0.00 | 24.28 0.07 0.00 | 24.98 0.01 0.00 | 23.94 -0.02 0.00 | 22.11 0.01 0.00 | 23.91 -0.04 0.00 | 30.56 0.15 0.00 | 40.88 0.54 0.00 | 45.20 0.85 0.00 | 39.25 0.45 0.00 | 34.16 0.23 0.00 | 28.80 0.02 0.00 | 30.69 0.01 0.00 |
| CHAUTAUQUA___LFGE 323629 | 43.93 -1.43 0.00 | 31.47 -0.99 0.00 | 26.40 -0.91 0.00 | 29.45 -0.65 0.00 | 26.29 -0.76 0.00 | 27.30 -0.89 0.00 | 25.85 -0.94 0.00 | 25.72 -0.84 0.00 | 22.98 -0.64 0.00 | 20.93 -0.60 0.00 | 23.12 -0.50 0.00 | 23.29 -0.46 0.00 | 23.74 -0.46 0.00 | 24.50 -0.46 0.00 | 23.48 -0.49 0.00 | 21.43 -0.68 0.00 | 23.29 -0.66 0.00 | 29.73 -0.68 0.00 | 39.24 -1.09 0.00 | 43.48 -0.88 0.00 | 38.10 -0.70 0.00 | 33.10 -0.82 0.00 | 28.20 -0.59 0.00 | 30.01 -0.68 0.00 |
| CHERRYST_13_KV_LD 356241 | 47.33 1.97 0.00 | 36.14 1.46 -2.21 | 31.58 1.11 -3.16 | 31.25 1.15 0.00 | 28.07 1.02 0.00 | 29.21 1.02 0.00 | 27.94 1.15 0.00 | 27.85 1.29 0.00 | 26.13 1.32 -1.19 | 24.79 1.28 -1.99 | 26.63 1.57 -1.45 | 25.52 1.76 0.00 | 26.09 1.88 0.00 | 26.91 1.95 0.00 | 25.82 1.86 0.00 | 23.86 1.76 0.00 | 25.65 1.70 0.00 | 32.22 1.81 0.00 | 42.42 2.08 0.00 | 46.29 1.94 0.00 | 40.98 2.18 0.00 | 35.91 1.98 0.00 | 30.54 1.76 0.00 | 32.31 1.62 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 46.31 0.95 0.00 | 31.26 0.74 1.95 | 25.06 0.53 2.78 | 30.64 0.54 0.00 | 27.51 0.46 0.00 | 28.65 0.46 0.00 | 27.35 0.56 0.00 | 27.19 0.64 0.00 | 23.24 0.66 1.05 | 20.42 0.64 1.75 | 23.12 0.78 1.27 | 24.65 0.89 0.00 | 25.20 0.99 0.00 | 26.01 1.04 0.00 | 24.95 1.00 0.00 | 23.07 0.96 0.00 | 24.89 0.94 0.00 | 31.39 0.98 0.00 | 41.44 1.11 0.00 | 45.35 0.99 0.00 | 40.06 1.26 0.00 | 35.06 1.13 0.00 | 29.76 0.98 0.00 | 31.53 0.85 0.00 |
| CH_MIDHUDSON___DRP 24192 | 46.64 1.28 0.00 | 33.79 1.03 -0.30 | 28.52 0.79 -0.42 | 30.92 0.81 0.00 | 27.76 0.71 0.00 | 28.89 0.70 0.00 | 27.57 0.78 0.00 | 27.43 0.87 0.00 | 24.64 0.85 -0.16 | 22.63 0.84 -0.27 | 24.79 0.98 -0.19 | 24.84 1.08 0.00 | 25.39 1.18 0.00 | 26.20 1.23 0.00 | 25.14 1.19 0.00 | 23.25 1.14 0.00 | 25.11 1.15 0.00 | 31.68 1.27 0.00 | 41.82 1.48 0.00 | 45.75 1.39 0.00 | 40.43 1.63 0.00 | 35.41 1.48 0.00 | 30.05 1.27 0.00 | 31.80 1.11 0.00 |
| CH_MISC_IPPS 23765 | 46.89 1.52 0.00 | 33.65 1.18 0.00 | 28.20 0.90 0.00 | 31.04 0.93 0.00 | 27.87 0.82 0.00 | 29.00 0.81 0.00 | 27.67 0.88 0.00 | 27.53 0.98 0.00 | 24.59 0.97 0.00 | 22.47 0.95 0.00 | 24.72 1.11 0.00 | 24.97 1.22 0.00 | 25.53 1.32 0.00 | 26.34 1.38 0.00 | 25.29 1.33 0.00 | 23.39 1.28 0.00 | 25.27 1.32 0.00 | 31.91 1.50 0.00 | 42.11 1.78 0.00 | 46.06 1.70 0.00 | 40.69 1.89 0.00 | 35.62 1.69 0.00 | 30.21 1.43 0.00 | 31.96 1.27 0.00 |
| CH_RES_BVR_FALLS 23983 | 45.61 0.25 0.00 | 32.60 0.13 0.00 | 27.39 0.08 0.00 | 30.20 0.09 0.00 | 27.15 0.10 0.00 | 28.30 0.10 0.00 | 26.86 0.06 0.00 | 26.61 0.05 0.00 | 23.67 0.04 0.00 | 21.56 0.04 0.00 | 23.65 0.03 0.00 | 23.78 0.02 0.00 | 24.22 0.00 0.00 | 24.94 -0.03 0.00 | 23.92 -0.04 0.00 | 22.07 -0.04 0.00 | 23.91 -0.04 0.00 | 30.41 0.00 0.00 | 40.39 0.05 0.00 | 44.46 0.10 0.00 | 38.72 -0.08 0.00 | 33.80 -0.13 0.00 | 28.62 -0.16 0.00 | 30.54 -0.15 0.00 |
| CH_RES_NIAGARA 23895 | 42.61 -2.76 0.00 | 30.58 -1.88 0.00 | 25.63 -1.68 0.00 | 28.69 -1.41 0.00 | 25.57 -1.48 0.00 | 26.48 -1.71 0.00 | 24.86 -1.93 0.00 | 24.84 -1.72 0.00 | 22.25 -1.37 0.00 | 20.30 -1.23 0.00 | 22.42 -1.19 0.00 | 22.54 -1.21 0.00 | 22.96 -1.25 0.00 | 23.59 -1.37 0.00 | 22.57 -1.39 0.00 | 20.56 -1.54 0.00 | 22.42 -1.53 0.00 | 28.73 -1.67 0.00 | 37.84 -2.50 0.00 | 41.85 -2.50 0.00 | 36.62 -2.18 0.00 | 31.82 -2.11 0.00 | 27.20 -1.58 0.00 | 28.98 -1.70 0.00 |
| CH_RES_SYRACUSE 23985 | 44.64 -0.73 0.00 | 31.98 -0.49 0.00 | 26.92 -0.39 0.00 | 29.70 -0.40 0.00 | 26.66 -0.39 0.00 | 27.77 -0.42 0.00 | 26.39 -0.40 0.00 | 26.14 -0.41 0.00 | 23.23 -0.39 0.00 | 21.14 -0.38 0.00 | 23.21 -0.41 0.00 | 23.35 -0.40 0.00 | 23.78 -0.43 0.00 | 24.54 -0.43 0.00 | 23.56 -0.40 0.00 | 21.74 -0.37 0.00 | 23.59 -0.36 0.00 | 30.04 -0.37 0.00 | 39.93 -0.40 0.00 | 43.96 -0.40 0.00 | 38.55 -0.24 0.00 | 33.64 -0.29 0.00 | 28.52 -0.26 0.00 | 30.29 -0.39 0.00 |
| CLINTON_WT_PWR 323605 | 46.56 1.20 0.00 | 33.15 0.69 0.00 | 27.77 0.47 0.00 | 30.62 0.53 0.00 | 27.55 0.50 0.00 | 28.68 0.49 0.00 | 27.19 0.39 0.00 | 26.93 0.37 0.00 | 23.95 0.33 0.00 | 21.79 0.27 0.00 | 23.85 0.24 0.00 | 23.94 0.19 0.00 | 24.30 0.09 0.00 | 25.00 0.03 0.00 | 23.96 0.00 0.00 | 22.14 0.03 0.00 | 23.93 -0.02 0.00 | 30.58 0.17 0.00 | 40.91 0.57 0.00 | 45.16 0.81 0.00 | 39.21 0.40 0.00 | 34.12 0.19 0.00 | 28.76 -0.02 0.00 | 30.64 -0.04 0.00 |
| CLINTON___LFGE 323618 | 47.15 1.79 0.00 | 33.57 1.11 0.00 | 28.10 0.80 0.00 | 30.97 0.87 0.00 | 27.87 0.82 0.00 | 28.99 0.80 0.00 | 27.50 0.71 0.00 | 27.23 0.67 0.00 | 24.18 0.56 0.00 | 21.96 0.44 0.00 | 24.05 0.43 0.00 | 24.14 0.39 0.00 | 24.53 0.32 0.00 | 25.24 0.27 0.00 | 24.19 0.23 0.00 | 22.37 0.26 0.00 | 24.15 0.20 0.00 | 30.90 0.49 0.00 | 41.42 1.08 0.00 | 45.82 1.47 0.00 | 39.83 1.03 0.00 | 34.65 0.72 0.00 | 29.20 0.41 0.00 | 31.05 0.36 0.00 |
| COBBLENY_34_KV_TB1 80064 | 43.88 -1.48 0.00 | 31.45 -1.01 0.00 | 26.37 -0.94 0.00 | 29.46 -0.65 0.00 | 26.26 -0.78 0.00 | 27.23 -0.96 0.00 | 25.65 -1.14 0.00 | 25.59 -0.97 0.00 | 22.88 -0.74 0.00 | 20.86 -0.66 0.00 | 23.04 -0.58 0.00 | 23.17 -0.58 0.00 | 23.63 -0.58 0.00 | 24.31 -0.66 0.00 | 23.29 -0.67 0.00 | 21.26 -0.85 0.00 | 23.16 -0.79 0.00 | 29.66 -0.74 0.00 | 39.15 -1.19 0.00 | 43.32 -1.04 0.00 | 37.93 -0.87 0.00 | 32.96 -0.96 0.00 | 28.10 -0.69 0.00 | 29.91 -0.78 0.00 |
| COFFEEN___115KV_TB3 355620 | 47.91 2.55 0.00 | 34.17 1.71 0.00 | 28.67 1.36 0.00 | 31.60 1.51 0.00 | 28.39 1.34 0.00 | 29.61 1.42 0.00 | 28.08 1.29 0.00 | 27.64 1.08 0.00 | 24.06 0.44 0.00 | 21.64 0.11 0.00 | 23.60 -0.01 0.00 | 23.61 -0.15 0.00 | 23.99 -0.22 0.00 | 24.67 -0.30 0.00 | 23.64 -0.32 0.00 | 21.81 -0.30 0.00 | 23.71 -0.24 0.00 | 30.39 -0.02 0.00 | 41.35 1.01 0.00 | 46.53 2.17 0.00 | 40.56 1.76 0.00 | 34.95 1.02 0.00 | 29.44 0.66 0.00 | 31.08 0.40 0.00 |
| COLDSPRG_115KV_BK1 355956 | 44.60 -0.77 0.00 | 31.92 -0.55 0.00 | 26.79 -0.52 0.00 | 29.87 -0.22 0.00 | 26.66 -0.39 0.00 | 27.70 -0.49 0.00 | 26.25 -0.55 0.00 | 26.16 -0.40 0.00 | 23.38 -0.24 0.00 | 21.32 -0.20 0.00 | 23.48 -0.14 0.00 | 23.66 -0.09 0.00 | 24.09 -0.13 0.00 | 24.80 -0.16 0.00 | 23.82 -0.14 0.00 | 21.74 -0.36 0.00 | 23.63 -0.33 0.00 | 30.18 -0.23 0.00 | 39.87 -0.47 0.00 | 44.15 -0.20 0.00 | 38.71 -0.09 0.00 | 33.65 -0.28 0.00 | 28.65 -0.13 0.00 | 30.47 -0.22 0.00 |
| COLONIE_LFGE___ 323577 | 46.41 1.04 0.00 | 33.82 0.99 -0.37 | 28.62 0.79 -0.52 | 30.92 0.81 0.00 | 27.74 0.70 0.00 | 28.89 0.69 0.00 | 27.49 0.70 0.00 | 27.27 0.71 0.00 | 24.37 0.55 -0.20 | 22.33 0.47 -0.33 | 24.30 0.44 -0.24 | 24.16 0.40 0.00 | 24.67 0.46 0.00 | 25.44 0.48 0.00 | 24.42 0.46 0.00 | 22.51 0.40 0.00 | 24.46 0.51 0.00 | 31.03 0.62 0.00 | 41.19 0.85 0.00 | 45.26 0.90 0.00 | 39.97 1.17 0.00 | 35.07 1.14 0.00 | 29.74 0.96 0.00 | 31.52 0.83 0.00 |
| COOPERNY_115KV_TB1 80082 | 45.95 0.59 0.00 | 31.96 0.47 0.97 | 26.24 0.32 1.39 | 30.43 0.32 0.00 | 27.32 0.28 0.00 | 28.46 0.26 0.00 | 27.14 0.34 0.00 | 26.96 0.40 0.00 | 23.53 0.43 0.52 | 21.08 0.43 0.87 | 23.51 0.53 0.64 | 24.37 0.62 0.00 | 24.90 0.69 0.00 | 25.69 0.72 0.00 | 24.64 0.68 0.00 | 22.77 0.66 0.00 | 24.59 0.64 0.00 | 31.08 0.67 0.00 | 41.08 0.74 0.00 | 45.01 0.66 0.00 | 39.68 0.87 0.00 | 34.70 0.77 0.00 | 29.46 0.67 0.00 | 31.24 0.55 0.00 |
| COPENHAGEN_WT_PWR 323753 | 47.32 1.96 0.00 | 33.78 1.31 0.00 | 28.35 1.04 0.00 | 31.25 1.15 0.00 | 28.07 1.02 0.00 | 29.28 1.08 0.00 | 27.76 0.97 0.00 | 27.34 0.79 0.00 | 23.90 0.28 0.00 | 21.55 0.02 0.00 | 23.54 -0.08 0.00 | 23.56 -0.20 0.00 | 23.94 -0.27 0.00 | 24.61 -0.36 0.00 | 23.57 -0.39 0.00 | 21.72 -0.38 0.00 | 23.60 -0.35 0.00 | 30.17 -0.24 0.00 | 40.86 0.53 0.00 | 45.74 1.39 0.00 | 39.66 0.86 0.00 | 34.08 0.15 0.00 | 28.73 -0.05 0.00 | 30.37 -0.31 0.00 |
| CORNELL_____ 23752 | 45.43 0.06 0.00 | 32.49 0.03 0.00 | 27.29 -0.01 0.00 | 30.15 0.05 0.00 | 27.06 0.01 0.00 | 28.21 0.02 0.00 | 26.81 0.01 0.00 | 26.52 -0.04 0.00 | 23.49 -0.13 0.00 | 21.31 -0.22 0.00 | 23.34 -0.27 0.00 | 23.48 -0.27 0.00 | 23.93 -0.28 0.00 | 24.67 -0.30 0.00 | 23.71 -0.25 0.00 | 21.88 -0.23 0.00 | 23.77 -0.18 0.00 | 30.36 -0.05 0.00 | 40.50 0.16 0.00 | 44.81 0.46 0.00 | 39.41 0.61 0.00 | 34.38 0.45 0.00 | 29.12 0.34 0.00 | 30.89 0.21 0.00 |

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| CORONA__69_KV_TB1 355595 | 47.61 2.24 0.00 | 36.25 1.59 -2.20 | 31.57 1.12 -3.15 | 31.26 1.16 0.00 | 28.09 1.04 0.00 | 29.23 1.04 0.00 | 28.04 1.24 0.00 | 27.94 1.39 0.00 | 26.17 1.37 -1.19 | 24.81 1.31 -1.98 | 35.12 1.71 -9.80 | 26.42 1.90 -0.77 | 26.17 1.96 0.00 | 26.95 1.98 0.00 | 25.84 1.88 0.00 | 23.88 1.77 0.00 | 25.64 1.68 0.00 | 32.19 1.79 0.00 | 42.69 2.36 0.00 | 46.20 1.84 0.00 | 40.96 2.16 0.00 | 35.80 1.87 0.00 | 30.35 1.57 0.00 | 32.19 1.51 0.00 |
| CORTLAND__115KV_TB3 80093 | 45.12 -0.24 0.00 | 32.31 -0.16 0.00 | 27.17 -0.14 0.00 | 29.99 -0.11 0.00 | 26.92 -0.12 0.00 | 28.05 -0.14 0.00 | 26.67 -0.12 0.00 | 26.41 -0.15 0.00 | 23.43 -0.19 0.00 | 21.30 -0.23 0.00 | 23.36 -0.25 0.00 | 23.51 -0.25 0.00 | 23.96 -0.25 0.00 | 24.69 -0.27 0.00 | 23.73 -0.23 0.00 | 21.90 -0.21 0.00 | 23.76 -0.19 0.00 | 30.26 -0.15 0.00 | 40.28 -0.06 0.00 | 44.45 0.09 0.00 | 39.03 0.23 0.00 | 34.05 0.12 0.00 | 28.85 0.06 0.00 | 30.64 -0.05 0.00 |
| COXSACKIE__GT 23611 | 47.52 2.16 0.00 | 34.17 1.70 0.00 | 28.69 1.39 0.00 | 31.58 1.48 0.00 | 28.27 1.22 0.00 | 29.43 1.24 0.00 | 27.99 1.20 0.00 | 27.70 1.15 0.00 | 24.41 0.79 0.00 | 22.08 0.56 0.00 | 24.13 0.52 0.00 | 24.23 0.47 0.00 | 24.74 0.53 0.00 | 25.54 0.57 0.00 | 24.51 0.55 0.00 | 22.60 0.50 0.00 | 24.63 0.67 0.00 | 31.36 0.96 0.00 | 41.91 1.57 0.00 | 46.44 2.08 0.00 | 41.06 2.26 0.00 | 35.98 2.05 0.00 | 30.44 1.65 0.00 | 32.15 1.47 0.00 |
| CPV_VALLEY__CC1 323721 | 45.99 0.62 0.00 | 31.70 0.53 1.29 | 25.81 0.36 1.85 | 30.45 0.35 0.00 | 27.34 0.29 0.00 | 28.47 0.27 0.00 | 27.17 0.37 0.00 | 27.02 0.46 0.00 | 23.42 0.50 0.70 | 20.86 0.50 1.16 | 23.39 0.63 0.85 | 24.50 0.74 0.00 | 25.04 0.83 0.00 | 25.83 0.86 0.00 | 24.79 0.83 0.00 | 22.91 0.80 0.00 | 24.71 0.76 0.00 | 31.16 0.75 0.00 | 41.14 0.80 0.00 | 45.02 0.67 0.00 | 39.74 0.94 0.00 | 34.78 0.85 0.00 | 29.54 0.75 0.00 | 31.30 0.61 0.00 |
| CPV_VALLEY__CC2 323722 | 45.99 0.62 0.00 | 31.70 0.53 1.29 | 25.81 0.36 1.85 | 30.45 0.35 0.00 | 27.34 0.29 0.00 | 28.47 0.27 0.00 | 27.17 0.37 0.00 | 27.02 0.46 0.00 | 23.42 0.50 0.70 | 20.86 0.50 1.16 | 23.39 0.63 0.85 | 24.50 0.74 0.00 | 25.04 0.83 0.00 | 25.83 0.86 0.00 | 24.79 0.83 0.00 | 22.91 0.80 0.00 | 24.71 0.76 0.00 | 31.16 0.75 0.00 | 41.14 0.80 0.00 | 45.02 0.67 0.00 | 39.74 0.94 0.00 | 34.78 0.85 0.00 | 29.54 0.75 0.00 | 31.30 0.61 0.00 |
| CRESCENT__HYD 24018 | 46.41 1.04 0.00 | 33.82 0.99 -0.37 | 28.62 0.79 -0.52 | 30.92 0.81 0.00 | 27.74 0.70 0.00 | 28.89 0.69 0.00 | 27.49 0.70 0.00 | 27.27 0.71 0.00 | 24.37 0.55 -0.20 | 22.33 0.47 -0.33 | 24.30 0.44 -0.24 | 24.16 0.40 0.00 | 24.67 0.46 0.00 | 25.44 0.48 0.00 | 24.42 0.46 0.00 | 22.51 0.40 0.00 | 24.46 0.51 0.00 | 31.03 0.62 0.00 | 41.19 0.85 0.00 | 45.26 0.90 0.00 | 39.97 1.17 0.00 | 35.07 1.14 0.00 | 29.74 0.96 0.00 | 31.52 0.83 0.00 |
| CRICKET__VALLEY_CC1 323756 | 46.06 0.70 0.00 | 33.94 0.69 -0.79 | 28.94 0.51 -1.13 | 30.61 0.51 0.00 | 27.49 0.45 0.00 | 28.60 0.40 0.00 | 27.25 0.46 0.00 | 27.11 0.56 0.00 | 24.59 0.55 -0.42 | 22.80 0.57 -0.71 | 24.79 0.66 -0.52 | 24.48 0.72 0.00 | 25.00 0.79 0.00 | 25.78 0.81 0.00 | 24.78 0.81 0.00 | 22.91 0.81 0.00 | 24.76 0.81 0.00 | 31.24 0.83 0.00 | 41.25 0.91 0.00 | 45.13 0.78 0.00 | 39.94 1.14 0.00 | 35.04 1.11 0.00 | 29.71 0.93 0.00 | 31.45 0.77 0.00 |
| CRICKET__VALLEY_CC2 323757 | 46.06 0.70 0.00 | 33.94 0.69 -0.79 | 28.94 0.51 -1.13 | 30.61 0.51 0.00 | 27.49 0.45 0.00 | 28.60 0.40 0.00 | 27.25 0.46 0.00 | 27.11 0.56 0.00 | 24.59 0.55 -0.42 | 22.80 0.57 -0.71 | 24.79 0.66 -0.52 | 24.48 0.72 0.00 | 25.00 0.79 0.00 | 25.78 0.81 0.00 | 24.78 0.81 0.00 | 22.91 0.81 0.00 | 24.76 0.81 0.00 | 31.24 0.83 0.00 | 41.25 0.91 0.00 | 45.13 0.78 0.00 | 39.94 1.14 0.00 | 35.04 1.11 0.00 | 29.71 0.93 0.00 | 31.45 0.77 0.00 |
| CRICKET__VALLEY_CC3 323758 | 46.06 0.70 0.00 | 33.94 0.69 -0.79 | 28.94 0.51 -1.13 | 30.61 0.51 0.00 | 27.49 0.45 0.00 | 28.60 0.40 0.00 | 27.25 0.46 0.00 | 27.11 0.56 0.00 | 24.59 0.55 -0.42 | 22.80 0.57 -0.71 | 24.79 0.66 -0.52 | 24.48 0.72 0.00 | 25.00 0.79 0.00 | 25.78 0.81 0.00 | 24.78 0.81 0.00 | 22.91 0.81 0.00 | 24.76 0.81 0.00 | 31.24 0.83 0.00 | 41.25 0.91 0.00 | 45.13 0.78 0.00 | 39.94 1.14 0.00 | 35.04 1.11 0.00 | 29.71 0.93 0.00 | 31.45 0.77 0.00 |
| CRUCIBLE__METL_DRP 24180 | 44.64 -0.73 0.00 | 31.98 -0.49 0.00 | 26.91 -0.39 0.00 | 29.70 -0.40 0.00 | 26.66 -0.39 0.00 | 27.77 -0.42 0.00 | 26.38 -0.41 0.00 | 26.14 -0.42 0.00 | 23.22 -0.40 0.00 | 21.14 -0.38 0.00 | 23.21 -0.41 0.00 | 23.35 -0.40 0.00 | 23.78 -0.43 0.00 | 24.53 -0.44 0.00 | 23.56 -0.40 0.00 | 21.74 -0.37 0.00 | 23.59 -0.36 0.00 | 30.04 -0.37 0.00 | 39.93 -0.40 0.00 | 43.96 -0.40 0.00 | 38.55 -0.25 0.00 | 33.64 -0.29 0.00 | 28.52 -0.26 0.00 | 30.29 -0.39 0.00 |
| DAHOWA__HYDRO 323763 | 47.12 1.75 0.00 | 34.32 1.51 -0.34 | 28.99 1.19 -0.49 | 31.35 1.26 0.00 | 28.15 1.10 0.00 | 29.32 1.13 0.00 | 27.89 1.10 0.00 | 27.61 1.05 0.00 | 24.56 0.75 -0.18 | 22.43 0.60 -0.31 | 24.34 0.50 -0.22 | 24.18 0.42 0.00 | 24.67 0.46 0.00 | 25.44 0.48 0.00 | 24.43 0.47 0.00 | 22.59 0.48 0.00 | 24.61 0.66 0.00 | 31.41 1.00 0.00 | 41.98 1.64 0.00 | 46.23 1.87 0.00 | 40.85 2.05 0.00 | 35.79 1.86 0.00 | 30.31 1.53 0.00 | 32.14 1.45 0.00 |
| DANC__LFGE 323619 | 46.14 0.77 0.00 | 32.98 0.51 0.00 | 27.70 0.39 0.00 | 30.55 0.45 0.00 | 27.42 0.37 0.00 | 28.56 0.37 0.00 | 27.09 0.30 0.00 | 26.74 0.18 0.00 | 23.50 -0.12 0.00 | 21.27 -0.26 0.00 | 23.27 -0.34 0.00 | 23.35 -0.41 0.00 | 23.73 -0.48 0.00 | 24.44 -0.53 0.00 | 23.41 -0.55 0.00 | 21.59 -0.52 0.00 | 23.42 -0.53 0.00 | 29.90 -0.51 0.00 | 40.23 -0.11 0.00 | 44.78 0.43 0.00 | 39.02 0.22 0.00 | 33.72 -0.21 0.00 | 28.51 -0.27 0.00 | 30.22 -0.47 0.00 |
| DANSKAMMER__1 23586 | 46.89 1.52 0.00 | 33.65 1.18 0.00 | 28.20 0.90 0.00 | 31.04 0.93 0.00 | 27.87 0.82 0.00 | 29.00 0.81 0.00 | 27.67 0.88 0.00 | 27.53 0.98 0.00 | 24.59 0.97 0.00 | 22.47 0.95 0.00 | 24.72 1.11 0.00 | 24.97 1.22 0.00 | 25.53 1.32 0.00 | 26.34 1.38 0.00 | 25.29 1.33 0.00 | 23.39 1.28 0.00 | 25.27 1.32 0.00 | 31.91 1.50 0.00 | 42.11 1.78 0.00 | 46.06 1.70 0.00 | 40.69 1.89 0.00 | 35.62 1.69 0.00 | 30.21 1.43 0.00 | 31.96 1.27 0.00 |
| DANSKAMMER__2 23589 | 46.89 1.52 0.00 | 33.65 1.18 0.00 | 28.20 0.90 0.00 | 31.04 0.93 0.00 | 27.87 0.82 0.00 | 29.00 0.81 0.00 | 27.67 0.88 0.00 | 27.53 0.98 0.00 | 24.59 0.97 0.00 | 22.47 0.95 0.00 | 24.72 1.11 0.00 | 24.97 1.22 0.00 | 25.53 1.32 0.00 | 26.34 1.38 0.00 | 25.29 1.33 0.00 | 23.39 1.28 0.00 | 25.27 1.32 0.00 | 31.91 1.50 0.00 | 42.11 1.78 0.00 | 46.06 1.70 0.00 | 40.69 1.89 0.00 | 35.62 1.69 0.00 | 30.21 1.43 0.00 | 31.96 1.27 0.00 |
| DANSKAMMER__3 23590 | 46.89 1.52 0.00 | 33.65 1.18 0.00 | 28.20 0.90 0.00 | 31.04 0.93 0.00 | 27.87 0.82 0.00 | 29.00 0.81 0.00 | 27.67 0.88 0.00 | 27.53 0.98 0.00 | 24.59 0.97 0.00 | 22.47 0.95 0.00 | 24.72 1.11 0.00 | 24.97 1.22 0.00 | 25.53 1.32 0.00 | 26.34 1.38 0.00 | 25.29 1.33 0.00 | 23.39 1.28 0.00 | 25.27 1.32 0.00 | 31.91 1.50 0.00 | 42.11 1.78 0.00 | 46.06 1.70 0.00 | 40.69 1.89 0.00 | 35.62 1.69 0.00 | 30.21 1.43 0.00 | 31.96 1.27 0.00 |

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| DANSKAMMER___4 23591 | 46.89 1.52 0.00 | 33.65 1.18 0.00 | 28.20 0.90 0.00 | 31.04 0.93 0.00 | 27.87 0.82 0.00 | 29.00 0.81 0.00 | 27.67 0.88 0.00 | 27.53 0.98 0.00 | 24.59 0.97 0.00 | 22.47 0.95 0.00 | 24.72 1.11 0.00 | 24.97 1.22 0.00 | 25.53 1.32 0.00 | 26.34 1.38 0.00 | 25.29 1.33 0.00 | 23.39 1.28 0.00 | 25.27 1.32 0.00 | 31.91 1.50 0.00 | 42.11 1.78 0.00 | 46.06 1.70 0.00 | 40.69 1.89 0.00 | 35.62 1.69 0.00 | 30.21 1.43 0.00 | 31.96 1.27 0.00 |
| DANSKAMMER___DIESEL 23592 | 46.89 1.52 0.00 | 33.65 1.18 0.00 | 28.20 0.90 0.00 | 31.04 0.93 0.00 | 27.87 0.82 0.00 | 29.00 0.81 0.00 | 27.69 0.89 0.00 | 27.54 0.99 0.00 | 24.59 0.97 0.00 | 22.47 0.95 0.00 | 24.72 1.10 0.00 | 24.97 1.22 0.00 | 25.53 1.32 0.00 | 26.35 1.38 0.00 | 25.29 1.33 0.00 | 23.39 1.28 0.00 | 25.27 1.32 0.00 | 31.91 1.50 0.00 | 42.11 1.77 0.00 | 46.06 1.70 0.00 | 40.69 1.89 0.00 | 35.62 1.69 0.00 | 30.21 1.43 0.00 | 31.96 1.27 0.00 |
| DARBY___SOLAR 323810 | 46.94 1.57 0.00 | 34.18 1.37 -0.35 | 28.88 1.09 -0.50 | 31.24 1.14 0.00 | 28.05 1.00 0.00 | 29.22 1.02 0.00 | 27.79 1.00 0.00 | 27.50 0.95 0.00 | 24.49 0.68 -0.19 | 22.37 0.53 -0.31 | 24.28 0.44 -0.23 | 24.13 0.37 0.00 | 24.62 0.41 0.00 | 25.39 0.43 0.00 | 24.38 0.41 0.00 | 22.53 0.43 0.00 | 24.54 0.59 0.00 | 31.30 0.89 0.00 | 41.77 1.43 0.00 | 45.99 1.64 0.00 | 40.63 1.83 0.00 | 35.60 1.67 0.00 | 30.16 1.38 0.00 | 31.98 1.30 0.00 |
| DASHVILLE___HYD 23610 | 46.35 0.99 0.00 | 33.27 0.81 0.00 | 27.92 0.61 0.00 | 30.71 0.61 0.00 | 27.59 0.54 0.00 | 28.72 0.53 0.00 | 27.41 0.62 0.00 | 27.27 0.71 0.00 | 24.36 0.73 0.00 | 22.26 0.73 0.00 | 24.48 0.86 0.00 | 24.71 0.95 0.00 | 25.25 1.04 0.00 | 26.05 1.08 0.00 | 25.00 1.04 0.00 | 23.12 1.02 0.00 | 24.96 1.01 0.00 | 31.50 1.09 0.00 | 41.56 1.23 0.00 | 45.47 1.11 0.00 | 40.20 1.39 0.00 | 35.19 1.26 0.00 | 29.86 1.08 0.00 | 31.59 0.91 0.00 |
| DELAWARE___LFGE 323621 | 45.84 0.47 0.00 | 32.47 0.33 0.33 | 27.05 0.21 0.47 | 30.36 0.25 0.00 | 27.26 0.21 0.00 | 28.45 0.25 0.00 | 27.06 0.27 0.00 | 26.84 0.28 0.00 | 23.74 0.30 0.18 | 21.51 0.28 0.30 | 23.75 0.35 0.21 | 24.16 0.41 0.00 | 24.64 0.43 0.00 | 25.40 0.44 0.00 | 24.40 0.43 0.00 | 22.53 0.42 0.00 | 24.39 0.44 0.00 | 30.96 0.56 0.00 | 41.06 0.73 0.00 | 45.13 0.78 0.00 | 39.62 0.82 0.00 | 34.59 0.66 0.00 | 29.33 0.54 0.00 | 31.14 0.46 0.00 |
| DERFIELD_115KV_TB7 355931 | 45.33 -0.03 0.00 | 32.50 0.03 0.00 | 27.33 0.03 0.00 | 30.13 0.03 0.00 | 27.05 0.00 0.00 | 28.19 0.00 0.00 | 26.82 0.03 0.00 | 26.57 0.01 0.00 | 23.62 0.00 0.00 | 21.52 0.00 0.00 | 23.60 -0.02 0.00 | 23.74 -0.02 0.00 | 24.21 0.00 0.00 | 24.96 0.00 0.00 | 23.96 0.00 0.00 | 22.11 0.00 0.00 | 23.95 0.00 0.00 | 30.39 -0.02 0.00 | 40.32 -0.02 0.00 | 44.33 -0.03 0.00 | 38.87 0.08 0.00 | 33.99 0.07 0.00 | 28.84 0.05 0.00 | 30.69 0.00 0.00 |
| DOGLEVILLE___HYD 23807 | 45.18 -0.19 0.00 | 32.57 0.10 0.00 | 27.39 0.08 0.00 | 30.11 0.00 0.00 | 26.99 -0.06 0.00 | 28.15 -0.05 0.00 | 26.77 -0.02 0.00 | 26.37 -0.19 0.00 | 23.10 -0.52 0.00 | 20.90 -0.63 0.00 | 22.85 -0.77 0.00 | 23.03 -0.72 0.00 | 23.46 -0.75 0.00 | 24.26 -0.70 0.00 | 23.23 -0.73 0.00 | 21.50 -0.61 0.00 | 23.32 -0.63 0.00 | 29.78 -0.63 0.00 | 39.96 -0.38 0.00 | 44.25 -0.10 0.00 | 39.32 0.52 0.00 | 34.56 0.63 0.00 | 29.33 0.55 0.00 | 30.99 0.31 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 43.86 -1.50 0.00 | 31.42 -1.05 0.00 | 26.34 -0.96 0.00 | 29.41 -0.70 0.00 | 26.25 -0.80 0.00 | 27.23 -0.96 0.00 | 25.75 -1.04 0.00 | 25.64 -0.92 0.00 | 22.92 -0.71 0.00 | 20.89 -0.63 0.00 | 23.08 -0.54 0.00 | 23.26 -0.49 0.00 | 23.72 -0.49 0.00 | 24.41 -0.56 0.00 | 23.44 -0.52 0.00 | 21.39 -0.72 0.00 | 23.26 -0.70 0.00 | 29.68 -0.73 0.00 | 39.18 -1.15 0.00 | 43.40 -0.96 0.00 | 38.02 -0.78 0.00 | 33.04 -0.89 0.00 | 28.13 -0.65 0.00 | 29.96 -0.73 0.00 |
| DUNKIRK___1 23563 | 43.86 -1.50 0.00 | 31.42 -1.05 0.00 | 26.34 -0.96 0.00 | 29.41 -0.70 0.00 | 26.25 -0.80 0.00 | 27.23 -0.96 0.00 | 25.75 -1.04 0.00 | 25.64 -0.92 0.00 | 22.92 -0.71 0.00 | 20.89 -0.63 0.00 | 23.08 -0.54 0.00 | 23.26 -0.49 0.00 | 23.72 -0.49 0.00 | 24.41 -0.56 0.00 | 23.44 -0.52 0.00 | 21.39 -0.72 0.00 | 23.26 -0.70 0.00 | 29.68 -0.73 0.00 | 39.18 -1.15 0.00 | 43.40 -0.96 0.00 | 38.02 -0.78 0.00 | 33.04 -0.89 0.00 | 28.13 -0.65 0.00 | 29.96 -0.73 0.00 |
| DUNKIRK___2 23564 | 43.86 -1.50 0.00 | 31.42 -1.05 0.00 | 26.34 -0.96 0.00 | 29.41 -0.70 0.00 | 26.25 -0.80 0.00 | 27.23 -0.96 0.00 | 25.75 -1.04 0.00 | 25.64 -0.92 0.00 | 22.92 -0.71 0.00 | 20.89 -0.63 0.00 | 23.08 -0.54 0.00 | 23.26 -0.49 0.00 | 23.72 -0.49 0.00 | 24.41 -0.56 0.00 | 23.44 -0.52 0.00 | 21.39 -0.72 0.00 | 23.26 -0.70 0.00 | 29.68 -0.73 0.00 | 39.18 -1.15 0.00 | 43.40 -0.96 0.00 | 38.02 -0.78 0.00 | 33.04 -0.89 0.00 | 28.13 -0.65 0.00 | 29.96 -0.73 0.00 |
| DUNKIRK___3 23565 | 43.72 -1.64 0.00 | 31.32 -1.14 0.00 | 26.27 -1.04 0.00 | 29.32 -0.78 0.00 | 26.17 -0.88 0.00 | 27.15 -1.05 0.00 | 25.65 -1.14 0.00 | 25.56 -1.00 0.00 | 22.85 -0.78 0.00 | 20.83 -0.70 0.00 | 23.00 -0.62 0.00 | 23.17 -0.58 0.00 | 23.62 -0.59 0.00 | 24.31 -0.65 0.00 | 23.34 -0.62 0.00 | 21.30 -0.80 0.00 | 23.16 -0.79 0.00 | 29.57 -0.83 0.00 | 39.03 -1.30 0.00 | 43.20 -1.15 0.00 | 37.84 -0.96 0.00 | 32.89 -1.04 0.00 | 28.01 -0.77 0.00 | 29.83 -0.85 0.00 |
| DUNKIRK___4 23566 | 43.72 -1.64 0.00 | 31.32 -1.14 0.00 | 26.27 -1.04 0.00 | 29.32 -0.78 0.00 | 26.17 -0.88 0.00 | 27.15 -1.05 0.00 | 25.65 -1.14 0.00 | 25.56 -1.00 0.00 | 22.85 -0.78 0.00 | 20.83 -0.70 0.00 | 23.00 -0.62 0.00 | 23.17 -0.58 0.00 | 23.62 -0.59 0.00 | 24.31 -0.65 0.00 | 23.34 -0.62 0.00 | 21.30 -0.80 0.00 | 23.16 -0.79 0.00 | 29.57 -0.83 0.00 | 39.03 -1.30 0.00 | 43.20 -1.15 0.00 | 37.84 -0.96 0.00 | 32.89 -1.04 0.00 | 28.01 -0.77 0.00 | 29.83 -0.85 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 47.02 1.66 0.00 | 35.93 1.25 -2.21 | 31.40 0.93 -3.16 | 31.06 0.96 0.00 | 27.90 0.85 0.00 | 29.03 0.83 0.00 | 27.76 0.97 0.00 | 27.65 1.09 0.00 | 25.94 1.12 -1.19 | 24.60 1.09 -1.99 | 26.40 1.33 -1.45 | 25.25 1.50 0.00 | 25.82 1.61 0.00 | 26.64 1.67 0.00 | 25.56 1.60 0.00 | 23.61 1.50 0.00 | 25.41 1.46 0.00 | 31.95 1.54 0.00 | 42.09 1.75 0.00 | 45.96 1.60 0.00 | 40.67 1.87 0.00 | 35.64 1.71 0.00 | 30.28 1.50 0.00 | 32.04 1.35 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 46.57 1.21 0.00 | 32.76 0.93 0.64 | 27.08 0.69 0.91 | 30.81 0.71 0.00 | 27.66 0.61 0.00 | 28.80 0.60 0.00 | 27.50 0.71 0.00 | 27.35 0.79 0.00 | 24.08 0.80 0.34 | 21.73 0.77 0.58 | 24.12 0.93 0.42 | 24.80 1.04 0.00 | 25.35 1.14 0.00 | 26.16 1.20 0.00 | 25.10 1.14 0.00 | 23.21 1.10 0.00 | 25.06 1.10 0.00 | 31.62 1.21 0.00 | 41.74 1.40 0.00 | 45.66 1.31 0.00 | 40.35 1.56 0.00 | 35.32 1.39 0.00 | 29.97 1.19 0.00 | 31.73 1.04 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 47.27 1.91 0.00 | 36.13 1.45 -2.21 | 31.56 1.09 -3.16 | 31.22 1.12 0.00 | 28.05 1.00 0.00 | 29.18 0.99 0.00 | 27.91 1.12 0.00 | 27.80 1.24 0.00 | 26.06 1.25 -1.19 | 24.72 1.21 -1.99 | 26.55 1.49 -1.45 | 25.42 1.66 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.75 1.65 0.00 | 25.53 1.58 0.00 | 32.11 1.70 0.00 | 42.36 2.02 0.00 | 46.19 1.84 0.00 | 40.91 2.11 0.00 | 35.85 1.92 0.00 | 30.49 1.71 0.00 | 32.30 1.61 0.00 |

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| E179THST_13_KV_LOAD 356214 | 47.49 2.13 0.00 | 36.28 1.60 -2.21 | 31.67 1.21 -3.16 | 31.34 1.25 0.00 | 28.16 1.11 0.00 | 29.30 1.11 0.00 | 28.02 1.23 0.00 | 27.92 1.36 0.00 | 26.17 1.36 -1.19 | 24.83 1.32 -1.99 | 26.68 1.61 -1.45 | 25.56 1.80 0.00 | 26.11 1.91 0.00 | 26.93 1.97 0.00 | 25.84 1.88 0.00 | 23.88 1.77 0.00 | 25.67 1.72 0.00 | 32.28 1.87 0.00 | 42.57 2.23 0.00 | 46.44 2.08 0.00 | 41.13 2.34 0.00 | 36.04 2.11 0.00 | 30.64 1.86 0.00 | 32.45 1.77 0.00 |
| EAST HAMPTON___GT 23717 | 49.82 4.45 0.00 | 37.61 2.94 -2.20 | 32.41 1.96 -3.15 | 32.23 2.13 0.00 | 28.91 1.86 0.00 | 30.14 1.95 0.00 | 29.38 2.59 0.00 | 29.40 2.84 0.00 | 27.60 2.79 -1.19 | 26.21 2.71 -1.98 | 36.82 3.41 -9.80 | 27.88 3.35 -0.77 | 27.62 3.41 0.00 | 28.44 3.47 0.00 | 27.29 3.33 0.00 | 25.28 3.17 0.00 | 27.17 3.22 0.00 | 34.11 3.71 0.00 | 45.19 4.85 0.00 | 48.73 4.38 0.00 | 43.20 4.41 0.00 | 37.42 3.49 0.00 | 31.61 2.83 0.00 | 33.29 2.61 0.00 |
| EAST RIVER___6 23660 | 47.18 1.82 0.00 | 36.03 1.35 -2.21 | 31.48 1.01 -3.16 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.10 0.91 0.00 | 27.84 1.04 0.00 | 27.74 1.18 0.00 | 26.03 1.22 -1.19 | 24.71 1.20 -1.99 | 26.54 1.48 -1.45 | 25.42 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.73 1.77 0.00 | 23.78 1.67 0.00 | 25.56 1.61 0.00 | 32.11 1.70 0.00 | 42.27 1.93 0.00 | 46.14 1.78 0.00 | 40.84 2.04 0.00 | 35.79 1.86 0.00 | 30.44 1.65 0.00 | 32.20 1.52 0.00 |
| EAST RIVER___7 23524 | 47.18 1.82 0.00 | 36.03 1.35 -2.21 | 31.48 1.01 -3.16 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.10 0.91 0.00 | 27.84 1.04 0.00 | 27.74 1.18 0.00 | 26.03 1.22 -1.19 | 24.71 1.20 -1.99 | 26.54 1.48 -1.45 | 25.42 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.73 1.77 0.00 | 23.78 1.67 0.00 | 25.56 1.61 0.00 | 32.11 1.70 0.00 | 42.27 1.93 0.00 | 46.14 1.78 0.00 | 40.84 2.04 0.00 | 35.79 1.86 0.00 | 30.44 1.65 0.00 | 32.20 1.52 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 46.86 1.50 0.00 | 35.90 1.14 -2.30 | 31.44 0.85 -3.28 | 30.97 0.87 0.00 | 27.81 0.76 0.00 | 28.94 0.75 0.00 | 27.67 0.88 0.00 | 27.55 1.00 0.00 | 25.88 1.03 -1.24 | 24.59 1.01 -2.06 | 26.34 1.22 -1.50 | 25.13 1.37 0.00 | 25.70 1.49 0.00 | 26.51 1.55 0.00 | 25.44 1.47 0.00 | 23.51 1.40 0.00 | 25.30 1.35 0.00 | 31.83 1.43 0.00 | 41.93 1.60 0.00 | 45.82 1.47 0.00 | 40.53 1.73 0.00 | 35.50 1.58 0.00 | 30.17 1.38 0.00 | 31.92 1.24 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 49.80 4.44 0.00 | 37.60 2.93 -2.20 | 32.41 1.96 -3.15 | 32.23 2.13 0.00 | 28.90 1.85 0.00 | 30.13 1.94 0.00 | 29.38 2.59 0.00 | 29.40 2.84 0.00 | 27.60 2.79 -1.19 | 26.21 2.71 -1.98 | 36.83 3.42 -9.80 | 27.89 3.36 -0.77 | 27.64 3.43 0.00 | 28.45 3.49 0.00 | 27.30 3.34 0.00 | 25.29 3.18 0.00 | 27.18 3.23 0.00 | 34.13 3.72 0.00 | 45.20 4.86 0.00 | 48.74 4.39 0.00 | 43.22 4.42 0.00 | 37.45 3.52 0.00 | 31.63 2.85 0.00 | 33.31 2.62 0.00 |
| EAST_POINT___SOLAR 323840 | 47.90 2.53 0.00 | 34.25 1.78 0.00 | 28.73 1.43 0.00 | 31.70 1.59 0.00 | 28.50 1.46 0.00 | 29.76 1.57 0.00 | 28.18 1.38 0.00 | 27.09 0.53 0.00 | 23.53 -0.09 0.00 | 21.38 -0.14 0.00 | 23.41 -0.20 0.00 | 23.53 -0.22 0.00 | 23.96 -0.25 0.00 | 24.71 -0.25 0.00 | 23.72 -0.24 0.00 | 21.96 -0.15 0.00 | 23.89 -0.06 0.00 | 30.67 0.26 0.00 | 41.63 1.29 0.00 | 46.91 2.56 0.00 | 41.47 2.67 0.00 | 36.17 2.24 0.00 | 30.58 1.80 0.00 | 32.45 1.77 0.00 |
| EAST_PULASKI___ESR 323781 | 44.99 -0.37 0.00 | 32.23 -0.24 0.00 | 27.09 -0.21 0.00 | 29.89 -0.21 0.00 | 26.80 -0.25 0.00 | 27.90 -0.30 0.00 | 26.48 -0.32 0.00 | 26.19 -0.37 0.00 | 23.15 -0.47 0.00 | 21.02 -0.50 0.00 | 23.05 -0.56 0.00 | 23.17 -0.59 0.00 | 23.56 -0.66 0.00 | 24.30 -0.67 0.00 | 23.29 -0.67 0.00 | 21.50 -0.61 0.00 | 23.32 -0.63 0.00 | 29.71 -0.70 0.00 | 39.69 -0.65 0.00 | 43.90 -0.45 0.00 | 38.44 -0.36 0.00 | 33.43 -0.49 0.00 | 28.34 -0.45 0.00 | 30.10 -0.59 0.00 |
| EAST_RIVER___1 323558 | 47.22 1.86 0.00 | 36.07 1.39 -2.21 | 31.51 1.04 -3.16 | 31.17 1.07 0.00 | 28.00 0.95 0.00 | 29.13 0.94 0.00 | 27.86 1.07 0.00 | 27.76 1.21 0.00 | 26.05 1.24 -1.19 | 24.73 1.22 -1.99 | 26.56 1.50 -1.45 | 25.44 1.68 0.00 | 26.01 1.80 0.00 | 26.82 1.85 0.00 | 25.74 1.78 0.00 | 23.79 1.69 0.00 | 25.58 1.63 0.00 | 32.13 1.72 0.00 | 42.30 1.96 0.00 | 46.16 1.81 0.00 | 40.86 2.06 0.00 | 35.80 1.87 0.00 | 30.46 1.67 0.00 | 32.23 1.54 0.00 |
| EAST_RIVER___2 323559 | 47.18 1.82 0.00 | 36.03 1.35 -2.21 | 31.48 1.01 -3.16 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.10 0.91 0.00 | 27.84 1.04 0.00 | 27.74 1.18 0.00 | 26.03 1.22 -1.19 | 24.71 1.20 -1.99 | 26.54 1.48 -1.45 | 25.42 1.67 0.00 | 25.99 1.78 0.00 | 26.80 1.83 0.00 | 25.73 1.77 0.00 | 23.78 1.67 0.00 | 25.56 1.61 0.00 | 32.11 1.70 0.00 | 42.27 1.93 0.00 | 46.14 1.78 0.00 | 40.84 2.04 0.00 | 35.79 1.86 0.00 | 30.44 1.65 0.00 | 32.20 1.52 0.00 |
| EAST___DELAWARE_HYD 23607 | 45.80 0.44 0.00 | 32.31 0.36 0.52 | 26.77 0.20 0.74 | 30.27 0.16 0.00 | 27.18 0.13 0.00 | 28.30 0.10 0.00 | 26.99 0.20 0.00 | 26.83 0.27 0.00 | 23.67 0.33 0.28 | 21.38 0.31 0.46 | 23.67 0.39 0.34 | 24.23 0.47 0.00 | 24.76 0.55 0.00 | 25.44 0.47 0.00 | 23.91 -0.05 0.00 | 22.14 0.03 0.00 | 23.95 0.00 0.00 | 30.33 -0.08 0.00 | 40.16 -0.18 0.00 | 44.09 -0.26 0.00 | 39.81 1.01 0.00 | 34.82 0.89 0.00 | 29.50 0.72 0.00 | 31.19 0.51 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 44.74 -0.62 0.00 | 32.07 -0.39 0.00 | 26.82 -0.48 0.00 | 29.75 -0.35 0.00 | 26.74 -0.31 0.00 | 27.81 -0.38 0.00 | 26.34 -0.45 0.00 | 26.00 -0.56 0.00 | 23.03 -0.60 0.00 | 20.84 -0.68 0.00 | 22.87 -0.74 0.00 | 23.00 -0.76 0.00 | 23.45 -0.76 0.00 | 24.22 -0.75 0.00 | 23.23 -0.73 0.00 | 21.32 -0.79 0.00 | 23.24 -0.71 0.00 | 29.65 -0.76 0.00 | 39.52 -0.82 0.00 | 44.07 -0.28 0.00 | 38.85 0.05 0.00 | 33.86 -0.07 0.00 | 28.75 -0.03 0.00 | 30.56 -0.12 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 44.46 -0.90 0.00 | 31.82 -0.64 0.00 | 26.78 -0.52 0.00 | 29.57 -0.53 0.00 | 26.53 -0.52 0.00 | 27.64 -0.55 0.00 | 26.25 -0.54 0.00 | 26.01 -0.55 0.00 | 23.11 -0.51 0.00 | 21.04 -0.49 0.00 | 23.08 -0.53 0.00 | 23.24 -0.51 0.00 | 23.66 -0.55 0.00 | 24.42 -0.55 0.00 | 23.46 -0.50 0.00 | 21.62 -0.49 0.00 | 23.45 -0.50 0.00 | 29.88 -0.54 0.00 | 39.70 -0.64 0.00 | 43.73 -0.62 0.00 | 38.37 -0.43 0.00 | 33.50 -0.42 0.00 | 28.41 -0.38 0.00 | 30.15 -0.53 0.00 |
| ELEC_TRO_TEK 24086 | 47.37 2.01 0.00 | 36.07 1.41 -2.20 | 31.43 0.98 -3.15 | 31.12 1.01 0.00 | 27.96 0.91 0.00 | 29.11 0.92 0.00 | 27.93 1.14 0.00 | 27.81 1.26 0.00 | 26.07 1.26 -1.19 | 24.72 1.21 -1.98 | 35.00 1.59 -9.80 | 26.28 1.75 -0.77 | 26.02 1.81 0.00 | 26.79 1.83 0.00 | 25.68 1.72 0.00 | 23.72 1.62 0.00 | 25.46 1.51 0.00 | 31.96 1.55 0.00 | 42.38 2.04 0.00 | 45.85 1.49 0.00 | 40.66 1.86 0.00 | 35.56 1.63 0.00 | 30.17 1.39 0.00 | 32.00 1.31 0.00 |
| ELLENBURG_WT_PWR 323604 | 46.56 1.20 0.00 | 33.15 0.69 0.00 | 27.77 0.47 0.00 | 30.62 0.53 0.00 | 27.55 0.50 0.00 | 28.68 0.49 0.00 | 27.19 0.39 0.00 | 26.93 0.37 0.00 | 23.95 0.33 0.00 | 21.79 0.27 0.00 | 23.85 0.24 0.00 | 23.94 0.19 0.00 | 24.30 0.09 0.00 | 25.00 0.03 0.00 | 23.96 0.00 0.00 | 22.14 0.03 0.00 | 23.93 -0.02 0.00 | 30.58 0.17 0.00 | 40.91 0.57 0.00 | 45.16 0.81 0.00 | 39.21 0.40 0.00 | 34.12 0.19 0.00 | 28.76 -0.02 0.00 | 30.64 -0.04 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 43.54 -1.82 0.00 | 31.23 -1.24 0.00 | 26.17 -1.13 0.00 | 29.25 -0.85 0.00 | 26.08 -0.97 0.00 | 27.03 -1.17 0.00 | 25.44 -1.35 0.00 | 25.38 -1.18 0.00 | 22.71 -0.91 0.00 | 20.70 -0.82 0.00 | 22.87 -0.75 0.00 | 23.00 -0.75 0.00 | 23.44 -0.77 0.00 | 24.11 -0.86 0.00 | 23.10 -0.86 0.00 | 21.07 -1.04 0.00 | 22.95 -1.00 0.00 | 29.40 -1.01 0.00 | 38.77 -1.57 0.00 | 42.89 -1.46 0.00 | 37.54 -1.25 0.00 | 32.63 -1.30 0.00 | 27.84 -0.94 0.00 | 29.65 -1.04 0.00 |
| EMPIRE_CC_1 323656 | 45.95 0.59 0.00 | 33.58 0.66 -0.46 | 28.50 0.54 -0.65 | 30.65 0.55 0.00 | 27.49 0.44 0.00 | 28.62 0.43 0.00 | 27.24 0.45 0.00 | 27.05 0.49 0.00 | 24.26 0.39 -0.25 | 22.27 0.34 -0.41 | 24.24 0.33 -0.30 | 24.06 0.31 0.00 | 24.58 0.37 0.00 | 25.34 0.37 0.00 | 24.31 0.35 0.00 | 22.38 0.28 0.00 | 24.29 0.34 0.00 | 30.73 0.32 0.00 | 40.67 0.33 0.00 | 44.65 0.29 0.00 | 39.45 0.65 0.00 | 34.66 0.73 0.00 | 29.41 0.62 0.00 | 31.17 0.48 0.00 |
| EMPIRE_CC_2 323658 | 45.95 0.59 0.00 | 33.58 0.66 -0.46 | 28.50 0.54 -0.65 | 30.65 0.55 0.00 | 27.49 0.44 0.00 | 28.62 0.43 0.00 | 27.24 0.45 0.00 | 27.05 0.49 0.00 | 24.26 0.39 -0.25 | 22.27 0.34 -0.41 | 24.24 0.33 -0.30 | 24.06 0.31 0.00 | 24.58 0.37 0.00 | 25.34 0.37 0.00 | 24.31 0.35 0.00 | 22.38 0.28 0.00 | 24.29 0.34 0.00 | 30.73 0.32 0.00 | 40.67 0.33 0.00 | 44.65 0.29 0.00 | 39.45 0.65 0.00 | 34.66 0.73 0.00 | 29.41 0.62 0.00 | 31.17 0.48 0.00 |
| ENORWICH_115KV_TB1 80156 | 47.29 1.93 0.00 | 33.67 1.21 0.00 | 28.21 0.90 0.00 | 31.18 1.08 0.00 | 28.08 1.03 0.00 | 29.44 1.25 0.00 | 27.93 1.14 0.00 | 27.62 1.06 0.00 | 24.40 0.78 0.00 | 22.10 0.58 0.00 | 24.20 0.59 0.00 | 24.37 0.61 0.00 | 24.82 0.62 0.00 | 25.59 0.62 0.00 | 24.62 0.65 0.00 | 22.79 0.68 0.00 | 24.82 0.87 0.00 | 31.83 1.42 0.00 | 42.56 2.22 0.00 | 47.13 2.77 0.00 | 41.39 2.59 0.00 | 36.09 2.16 0.00 | 30.52 1.74 0.00 | 32.35 1.66 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 43.78 -1.59 0.00 | 31.38 -1.09 0.00 | 26.29 -1.01 0.00 | 29.37 -0.74 0.00 | 26.19 -0.86 0.00 | 27.15 -1.05 0.00 | 25.59 -1.20 0.00 | 25.52 -1.04 0.00 | 22.84 -0.78 0.00 | 20.84 -0.69 0.00 | 23.00 -0.61 0.00 | 23.16 -0.60 0.00 | 23.61 -0.60 0.00 | 24.29 -0.68 0.00 | 23.29 -0.67 0.00 | 21.28 -0.83 0.00 | 23.18 -0.77 0.00 | 29.70 -0.70 0.00 | 39.20 -1.14 0.00 | 43.33 -1.02 0.00 | 37.88 -0.91 0.00 | 32.91 -1.02 0.00 | 28.05 -0.74 0.00 | 29.86 -0.83 0.00 |
| ERIE_WT_PWR 323693 | 43.75 -1.62 0.00 | 31.37 -1.10 0.00 | 26.29 -1.01 0.00 | 29.37 -0.73 0.00 | 26.17 -0.87 0.00 | 27.16 -1.03 0.00 | 25.61 -1.18 0.00 | 25.53 -1.03 0.00 | 22.83 -0.80 0.00 | 20.78 -0.74 0.00 | 22.95 -0.66 0.00 | 23.08 -0.68 0.00 | 23.54 -0.67 0.00 | 24.28 -0.69 0.00 | 23.21 -0.75 0.00 | 21.17 -0.93 0.00 | 23.07 -0.88 0.00 | 29.55 -0.85 0.00 | 39.02 -1.32 0.00 | 43.15 -1.21 0.00 | 37.77 -1.03 0.00 | 32.82 -1.11 0.00 | 28.00 -0.78 0.00 | 29.80 -0.89 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 46.96 1.60 0.00 | 33.49 1.03 0.00 | 28.09 0.78 0.00 | 31.01 0.91 0.00 | 27.91 0.86 0.00 | 29.16 0.97 0.00 | 27.72 0.93 0.00 | 27.32 0.76 0.00 | 24.28 0.66 0.00 | 22.13 0.61 0.00 | 24.33 0.72 0.00 | 24.51 0.76 0.00 | 24.97 0.76 0.00 | 25.74 0.77 0.00 | 24.70 0.74 0.00 | 22.85 0.74 0.00 | 24.74 0.79 0.00 | 31.52 1.11 0.00 | 42.02 1.68 0.00 | 46.44 2.09 0.00 | 40.59 1.80 0.00 | 35.36 1.43 0.00 | 29.92 1.14 0.00 | 31.84 1.15 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 45.37 0.01 0.00 | 32.45 -0.02 0.00 | 27.27 -0.04 0.00 | 30.12 0.01 0.00 | 27.03 -0.02 0.00 | 28.18 -0.01 0.00 | 26.78 -0.01 0.00 | 26.50 -0.06 0.00 | 23.48 -0.14 0.00 | 21.30 -0.22 0.00 | 23.34 -0.27 0.00 | 23.49 -0.27 0.00 | 23.93 -0.28 0.00 | 24.67 -0.29 0.00 | 23.71 -0.25 0.00 | 21.88 -0.22 0.00 | 23.76 -0.19 0.00 | 30.34 -0.07 0.00 | 40.46 0.12 0.00 | 44.76 0.40 0.00 | 39.34 0.54 0.00 | 34.32 0.39 0.00 | 29.08 0.29 0.00 | 30.85 0.16 0.00 |
| ETNA____115KV_TB2 80207 | 45.37 0.01 0.00 | 32.45 -0.02 0.00 | 27.27 -0.04 0.00 | 30.12 0.01 0.00 | 27.03 -0.02 0.00 | 28.18 -0.01 0.00 | 26.78 -0.01 0.00 | 26.50 -0.06 0.00 | 23.48 -0.14 0.00 | 21.30 -0.22 0.00 | 23.34 -0.27 0.00 | 23.49 -0.27 0.00 | 23.93 -0.28 0.00 | 24.67 -0.29 0.00 | 23.71 -0.25 0.00 | 21.88 -0.22 0.00 | 23.76 -0.19 0.00 | 30.34 -0.07 0.00 | 40.46 0.12 0.00 | 44.76 0.40 0.00 | 39.34 0.54 0.00 | 34.32 0.39 0.00 | 29.08 0.29 0.00 | 30.85 0.16 0.00 |
| EUCLID____115KV_TB2 356179 | 44.19 -1.18 0.00 | 31.69 -0.78 0.00 | 26.68 -0.63 0.00 | 29.44 -0.66 0.00 | 26.42 -0.63 0.00 | 27.52 -0.67 0.00 | 26.17 -0.62 0.00 | 25.95 -0.61 0.00 | 23.06 -0.56 0.00 | 21.01 -0.51 0.00 | 23.06 -0.55 0.00 | 23.19 -0.56 0.00 | 23.61 -0.60 0.00 | 24.32 -0.64 0.00 | 23.36 -0.60 0.00 | 21.55 -0.56 0.00 | 23.38 -0.58 0.00 | 29.72 -0.68 0.00 | 39.46 -0.88 0.00 | 43.42 -0.93 0.00 | 38.07 -0.73 0.00 | 33.24 -0.69 0.00 | 28.18 -0.60 0.00 | 29.96 -0.73 0.00 |
| E_CANADA_CAP_HY 24051 | 47.56 2.20 0.00 | 33.99 1.52 0.00 | 28.52 1.22 0.00 | 31.49 1.39 0.00 | 28.34 1.29 0.00 | 29.62 1.43 0.00 | 28.12 1.33 0.00 | 27.55 1.00 0.00 | 24.32 0.70 0.00 | 22.13 0.60 0.00 | 24.28 0.66 0.00 | 24.41 0.66 0.00 | 24.86 0.65 0.00 | 25.62 0.65 0.00 | 24.58 0.62 0.00 | 22.74 0.63 0.00 | 24.63 0.68 0.00 | 31.45 1.05 0.00 | 42.10 1.76 0.00 | 46.80 2.45 0.00 | 41.02 2.22 0.00 | 35.74 1.81 0.00 | 30.24 1.45 0.00 | 32.19 1.50 0.00 |
| E_CANADA_MHWK_HY 24050 | 45.18 -0.19 0.00 | 32.57 0.10 0.00 | 27.39 0.08 0.00 | 30.11 0.00 0.00 | 26.99 -0.06 0.00 | 28.15 -0.05 0.00 | 26.77 -0.02 0.00 | 26.37 -0.19 0.00 | 23.10 -0.52 0.00 | 20.90 -0.63 0.00 | 22.85 -0.77 0.00 | 23.03 -0.73 0.00 | 23.46 -0.75 0.00 | 24.27 -0.70 0.00 | 23.23 -0.73 0.00 | 21.50 -0.61 0.00 | 23.32 -0.62 0.00 | 29.78 -0.63 0.00 | 39.96 -0.38 0.00 | 44.25 -0.10 0.00 | 39.32 0.52 0.00 | 34.56 0.63 0.00 | 29.33 0.55 0.00 | 30.99 0.31 0.00 |
| E_FISHKILL__LBMP 23776 | 46.44 1.07 0.00 | 33.94 0.89 -0.59 | 28.82 0.67 -0.84 | 30.78 0.68 0.00 | 27.64 0.59 0.00 | 28.77 0.57 0.00 | 27.46 0.67 0.00 | 27.32 0.76 0.00 | 24.70 0.77 -0.32 | 22.81 0.76 -0.53 | 24.90 0.91 -0.39 | 24.76 1.00 0.00 | 25.31 1.10 0.00 | 26.11 1.14 0.00 | 25.06 1.10 0.00 | 23.16 1.05 0.00 | 24.98 1.03 0.00 | 31.48 1.07 0.00 | 41.54 1.20 0.00 | 45.43 1.07 0.00 | 40.17 1.37 0.00 | 35.20 1.27 0.00 | 29.88 1.10 0.00 | 31.64 0.95 0.00 |
| FALCON__SEABRD_CC1 323796 | 47.08 1.71 0.00 | 33.53 1.06 0.00 | 28.07 0.76 0.00 | 30.93 0.82 0.00 | 27.82 0.77 0.00 | 28.95 0.76 0.00 | 27.47 0.68 0.00 | 27.22 0.66 0.00 | 24.20 0.58 0.00 | 21.98 0.45 0.00 | 24.06 0.44 0.00 | 24.15 0.40 0.00 | 24.54 0.33 0.00 | 25.24 0.27 0.00 | 24.20 0.24 0.00 | 22.39 0.28 0.00 | 24.15 0.20 0.00 | 30.88 0.47 0.00 | 41.38 1.05 0.00 | 45.72 1.36 0.00 | 39.72 0.92 0.00 | 34.54 0.61 0.00 | 29.11 0.33 0.00 | 30.97 0.29 0.00 |
| FALCON__SEABRD_CC2 323797 | 47.08 1.71 0.00 | 33.53 1.06 0.00 | 28.07 0.76 0.00 | 30.93 0.82 0.00 | 27.82 0.77 0.00 | 28.95 0.76 0.00 | 27.47 0.68 0.00 | 27.22 0.66 0.00 | 24.20 0.58 0.00 | 21.98 0.45 0.00 | 24.06 0.44 0.00 | 24.15 0.40 0.00 | 24.54 0.33 0.00 | 25.24 0.27 0.00 | 24.20 0.24 0.00 | 22.39 0.28 0.00 | 24.15 0.20 0.00 | 30.88 0.47 0.00 | 41.38 1.05 0.00 | 45.72 1.36 0.00 | 39.72 0.92 0.00 | 34.54 0.61 0.00 | 29.11 0.33 0.00 | 30.97 0.29 0.00 |

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| FAR ROCKAWAY___4 23548 | 48.01 2.65 0.00 | 36.51 1.85 -2.20 | 31.78 1.33 -3.15 | 31.50 1.40 0.00 | 28.30 1.25 0.00 | 29.45 1.26 0.00 | 28.25 1.46 0.00 | 28.16 1.60 0.00 | 26.37 1.57 -1.19 | 25.00 1.50 -1.98 | 35.35 1.94 -9.80 | 26.67 2.14 -0.77 | 26.43 2.22 0.00 | 27.22 2.25 0.00 | 26.11 2.15 0.00 | 24.11 2.00 0.00 | 25.88 1.93 0.00 | 32.51 2.10 0.00 | 43.12 2.78 0.00 | 46.64 2.29 0.00 | 41.35 2.56 0.00 | 36.13 2.20 0.00 | 30.62 1.84 0.00 | 32.46 1.77 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 47.24 1.87 0.00 | 36.08 1.40 -2.21 | 31.52 1.05 -3.16 | 31.19 1.08 0.00 | 28.01 0.96 0.00 | 29.15 0.96 0.00 | 27.89 1.09 0.00 | 27.79 1.23 0.00 | 26.06 1.25 -1.19 | 24.75 1.23 -1.99 | 26.56 1.50 -1.45 | 25.45 1.69 0.00 | 26.02 1.81 0.00 | 26.83 1.87 0.00 | 25.75 1.79 0.00 | 23.80 1.69 0.00 | 25.58 1.63 0.00 | 32.14 1.73 0.00 | 42.30 1.96 0.00 | 46.18 1.82 0.00 | 40.87 2.08 0.00 | 35.82 1.89 0.00 | 30.47 1.69 0.00 | 32.23 1.55 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 47.24 1.88 0.00 | 36.08 1.40 -2.21 | 31.52 1.06 -3.16 | 31.20 1.10 0.00 | 28.01 0.97 0.00 | 29.16 0.96 0.00 | 27.89 1.10 0.00 | 27.79 1.23 0.00 | 26.07 1.26 -1.19 | 24.75 1.23 -1.99 | 26.56 1.50 -1.45 | 25.45 1.69 0.00 | 26.02 1.82 0.00 | 26.84 1.87 0.00 | 25.75 1.79 0.00 | 23.80 1.69 0.00 | 25.59 1.64 0.00 | 32.14 1.73 0.00 | 42.31 1.97 0.00 | 46.18 1.83 0.00 | 40.88 2.08 0.00 | 35.82 1.89 0.00 | 30.47 1.69 0.00 | 32.25 1.57 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 47.20 1.84 0.00 | 36.04 1.37 -2.21 | 31.50 1.03 -3.16 | 31.17 1.07 0.00 | 28.00 0.95 0.00 | 29.13 0.94 0.00 | 27.87 1.07 0.00 | 27.77 1.21 0.00 | 26.05 1.24 -1.19 | 24.73 1.22 -1.99 | 26.54 1.48 -1.45 | 25.42 1.67 0.00 | 26.00 1.79 0.00 | 26.82 1.85 0.00 | 25.73 1.77 0.00 | 23.78 1.67 0.00 | 25.56 1.61 0.00 | 32.11 1.70 0.00 | 42.27 1.93 0.00 | 46.14 1.78 0.00 | 40.84 2.04 0.00 | 35.79 1.86 0.00 | 30.44 1.66 0.00 | 32.22 1.54 0.00 |
| FARRAGUT___LBMP 323566 | 47.17 1.81 0.00 | 36.03 1.36 -2.21 | 31.48 1.01 -3.16 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.11 0.91 0.00 | 27.85 1.06 0.00 | 27.75 1.19 0.00 | 26.03 1.22 -1.19 | 24.71 1.19 -1.99 | 26.52 1.46 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.80 1.83 0.00 | 25.71 1.75 0.00 | 23.76 1.66 0.00 | 25.54 1.59 0.00 | 32.09 1.68 0.00 | 42.24 1.91 0.00 | 46.10 1.74 0.00 | 40.81 2.01 0.00 | 35.76 1.83 0.00 | 30.43 1.64 0.00 | 32.19 1.51 0.00 |
| FENNER___WINDPWR 24204 | 45.79 0.43 0.00 | 32.80 0.34 0.00 | 27.57 0.26 0.00 | 30.41 0.30 0.00 | 27.31 0.26 0.00 | 28.47 0.27 0.00 | 27.05 0.26 0.00 | 26.75 0.19 0.00 | 23.68 0.06 0.00 | 21.53 0.00 0.00 | 23.61 -0.01 0.00 | 23.74 -0.01 0.00 | 24.19 -0.02 0.00 | 24.94 -0.03 0.00 | 23.95 0.00 0.00 | 22.11 0.00 0.00 | 24.00 0.05 0.00 | 30.58 0.18 0.00 | 40.78 0.45 0.00 | 45.03 0.68 0.00 | 39.49 0.69 0.00 | 34.45 0.52 0.00 | 29.16 0.38 0.00 | 30.98 0.30 0.00 |
| FIBERTEK___ENERGY 23856 | 44.64 -0.73 0.00 | 31.98 -0.49 0.00 | 26.91 -0.39 0.00 | 29.70 -0.40 0.00 | 26.66 -0.39 0.00 | 27.77 -0.42 0.00 | 26.38 -0.41 0.00 | 26.14 -0.42 0.00 | 23.22 -0.40 0.00 | 21.14 -0.38 0.00 | 23.21 -0.41 0.00 | 23.35 -0.40 0.00 | 23.78 -0.43 0.00 | 24.53 -0.44 0.00 | 23.56 -0.40 0.00 | 21.74 -0.37 0.00 | 23.59 -0.36 0.00 | 30.04 -0.37 0.00 | 39.93 -0.40 0.00 | 43.96 -0.40 0.00 | 38.55 -0.25 0.00 | 33.64 -0.29 0.00 | 28.52 -0.26 0.00 | 30.29 -0.39 0.00 |
| FITZPATRICK___ 23598 | 43.67 -1.69 0.00 | 31.31 -1.16 0.00 | 26.37 -0.94 0.00 | 29.09 -1.01 0.00 | 26.12 -0.93 0.00 | 27.20 -0.99 0.00 | 25.83 -0.96 0.00 | 25.60 -0.95 0.00 | 22.77 -0.85 0.00 | 20.74 -0.78 0.00 | 22.75 -0.86 0.00 | 22.87 -0.88 0.00 | 23.27 -0.93 0.00 | 24.02 -0.95 0.00 | 23.06 -0.90 0.00 | 21.28 -0.83 0.00 | 23.07 -0.88 0.00 | 29.32 -1.09 0.00 | 38.89 -1.45 0.00 | 42.79 -1.56 0.00 | 37.53 -1.27 0.00 | 32.78 -1.15 0.00 | 27.80 -0.98 0.00 | 29.59 -1.10 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 46.97 1.61 0.00 | 33.70 1.24 0.00 | 28.25 0.95 0.00 | 31.09 0.98 0.00 | 27.91 0.86 0.00 | 29.06 0.86 0.00 | 27.73 0.94 0.00 | 27.59 1.03 0.00 | 24.64 1.02 0.00 | 22.51 0.98 0.00 | 24.76 1.15 0.00 | 25.02 1.27 0.00 | 25.58 1.37 0.00 | 26.40 1.43 0.00 | 25.34 1.38 0.00 | 23.44 1.34 0.00 | 25.33 1.38 0.00 | 31.98 1.57 0.00 | 42.21 1.87 0.00 | 46.16 1.81 0.00 | 40.78 1.98 0.00 | 35.69 1.76 0.00 | 30.27 1.49 0.00 | 32.02 1.33 0.00 |
| FORT ORANGE___ 23900 | 46.04 0.67 0.00 | 33.48 0.66 -0.36 | 28.35 0.54 -0.51 | 30.65 0.55 0.00 | 27.43 0.38 0.00 | 28.56 0.36 0.00 | 27.18 0.39 0.00 | 26.94 0.38 0.00 | 24.07 0.26 -0.19 | 22.06 0.22 -0.32 | 24.05 0.21 -0.23 | 23.95 0.19 0.00 | 24.45 0.24 0.00 | 25.22 0.25 0.00 | 24.21 0.24 0.00 | 22.28 0.17 0.00 | 24.18 0.23 0.00 | 30.64 0.24 0.00 | 40.64 0.30 0.00 | 44.70 0.34 0.00 | 39.45 0.65 0.00 | 34.60 0.68 0.00 | 29.34 0.56 0.00 | 31.09 0.41 0.00 |
| FORT_DRUM_COGEN 23780 | 47.64 2.28 0.00 | 34.00 1.53 0.00 | 28.52 1.21 0.00 | 31.43 1.33 0.00 | 28.25 1.20 0.00 | 29.47 1.28 0.00 | 27.95 1.16 0.00 | 27.52 0.96 0.00 | 24.02 0.40 0.00 | 21.65 0.13 0.00 | 23.63 0.02 0.00 | 23.65 -0.11 0.00 | 24.04 -0.17 0.00 | 24.72 -0.25 0.00 | 23.68 -0.28 0.00 | 21.84 -0.27 0.00 | 23.74 -0.21 0.00 | 30.38 -0.03 0.00 | 41.22 0.88 0.00 | 46.23 1.88 0.00 | 40.19 1.39 0.00 | 34.62 0.69 0.00 | 29.17 0.39 0.00 | 30.83 0.14 0.00 |
| FOX_HILLS___ESR 323835 | 47.31 1.95 0.00 | 36.15 1.48 -2.21 | 31.58 1.11 -3.16 | 31.27 1.17 0.00 | 28.07 1.03 0.00 | 29.21 1.02 0.00 | 27.95 1.16 0.00 | 27.83 1.27 0.00 | 26.13 1.32 -1.19 | 24.80 1.29 -1.99 | 26.61 1.55 -1.45 | 25.52 1.77 0.00 | 26.12 1.91 0.00 | 26.94 1.97 0.00 | 25.86 1.90 0.00 | 23.88 1.77 0.00 | 25.67 1.72 0.00 | 32.30 1.89 0.00 | 42.55 2.21 0.00 | 46.37 2.01 0.00 | 41.08 2.28 0.00 | 35.98 2.05 0.00 | 30.59 1.81 0.00 | 32.54 1.86 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 48.01 2.64 0.00 | 36.51 1.85 -2.20 | 31.78 1.33 -3.15 | 31.50 1.40 0.00 | 28.30 1.25 0.00 | 29.45 1.26 0.00 | 28.24 1.45 0.00 | 28.15 1.60 0.00 | 26.37 1.57 -1.19 | 25.00 1.50 -1.98 | 35.35 1.94 -9.80 | 26.67 2.14 -0.77 | 26.43 2.22 0.00 | 27.21 2.24 0.00 | 26.11 2.15 0.00 | 24.11 2.00 0.00 | 25.88 1.93 0.00 | 32.51 2.10 0.00 | 43.12 2.79 0.00 | 46.64 2.28 0.00 | 41.36 2.56 0.00 | 36.13 2.20 0.00 | 30.62 1.83 0.00 | 32.45 1.77 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 48.01 2.64 0.00 | 36.51 1.85 -2.20 | 31.78 1.33 -3.15 | 31.50 1.40 0.00 | 28.30 1.25 0.00 | 29.45 1.26 0.00 | 28.24 1.45 0.00 | 28.15 1.60 0.00 | 26.37 1.57 -1.19 | 25.00 1.50 -1.98 | 35.35 1.94 -9.80 | 26.67 2.14 -0.77 | 26.43 2.22 0.00 | 27.21 2.24 0.00 | 26.11 2.15 0.00 | 24.11 2.00 0.00 | 25.88 1.93 0.00 | 32.51 2.10 0.00 | 43.12 2.79 0.00 | 46.64 2.28 0.00 | 41.36 2.56 0.00 | 36.13 2.20 0.00 | 30.62 1.83 0.00 | 32.45 1.77 0.00 |
| FRANKLIN_FALL_HYD 24054 | 47.12 1.76 0.00 | 33.53 1.06 0.00 | 28.06 0.76 0.00 | 30.94 0.84 0.00 | 27.89 0.84 0.00 | 29.05 0.86 0.00 | 27.52 0.73 0.00 | 27.25 0.70 0.00 | 24.20 0.58 0.00 | 22.00 0.48 0.00 | 24.09 0.47 0.00 | 24.19 0.43 0.00 | 24.55 0.34 0.00 | 25.25 0.28 0.00 | 24.19 0.23 0.00 | 22.35 0.24 0.00 | 24.22 0.27 0.00 | 30.98 0.57 0.00 | 41.53 1.19 0.00 | 45.98 1.62 0.00 | 39.91 1.11 0.00 | 34.77 0.84 0.00 | 29.29 0.51 0.00 | 31.20 0.52 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FREEPORT_EQUS_GT1 23764 | 47.74 2.37 0.00 | 36.30 1.64 -2.20 | 31.59 1.14 -3.15 | 31.27 1.17 0.00 | 28.10 1.05 0.00 | 29.26 1.06 0.00 | 28.08 1.29 0.00 | 27.98 1.43 0.00 | 26.22 1.42 -1.19 | 24.86 1.36 -1.98 | 35.20 1.78 -9.80 | 26.48 1.95 -0.77 | 26.21 2.01 0.00 | 26.99 2.02 0.00 | 25.87 1.91 0.00 | 23.90 1.79 0.00 | 25.63 1.68 0.00 | 32.14 1.73 0.00 | 42.62 2.28 0.00 | 46.11 1.75 0.00 | 40.89 2.09 0.00 | 35.74 1.81 0.00 | 30.32 1.54 0.00 | 32.18 1.49 0.00 |
| FREEPORT___CT2 23818 | 47.74 2.37 0.00 | 36.30 1.64 -2.20 | 31.59 1.14 -3.15 | 31.27 1.17 0.00 | 28.10 1.05 0.00 | 29.26 1.06 0.00 | 28.08 1.29 0.00 | 27.98 1.43 0.00 | 26.22 1.42 -1.19 | 24.86 1.36 -1.98 | 35.20 1.78 -9.80 | 26.48 1.95 -0.77 | 26.21 2.01 0.00 | 26.99 2.02 0.00 | 25.87 1.91 0.00 | 23.90 1.79 0.00 | 25.63 1.68 0.00 | 32.14 1.73 0.00 | 42.62 2.28 0.00 | 46.11 1.75 0.00 | 40.89 2.09 0.00 | 35.74 1.81 0.00 | 30.32 1.54 0.00 | 32.18 1.49 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 47.42 2.06 0.00 | 36.24 1.56 -2.21 | 31.64 1.18 -3.16 | 31.35 1.25 0.00 | 28.14 1.09 0.00 | 29.29 1.10 0.00 | 28.02 1.23 0.00 | 27.89 1.34 0.00 | 26.19 1.38 -1.19 | 24.84 1.34 -1.99 | 26.65 1.60 -1.45 | 25.57 1.81 0.00 | 26.17 1.96 0.00 | 26.99 2.02 0.00 | 25.91 1.95 0.00 | 23.92 1.82 0.00 | 25.72 1.77 0.00 | 32.39 1.98 0.00 | 42.67 2.33 0.00 | 46.50 2.14 0.00 | 41.21 2.42 0.00 | 36.08 2.15 0.00 | 30.66 1.88 0.00 | 32.74 2.06 0.00 |
| FULTON COGEN____ 23766 | 44.20 -1.17 0.00 | 31.69 -0.78 0.00 | 26.67 -0.63 0.00 | 29.43 -0.67 0.00 | 26.41 -0.64 0.00 | 27.49 -0.70 0.00 | 26.12 -0.68 0.00 | 25.87 -0.68 0.00 | 22.99 -0.63 0.00 | 20.94 -0.59 0.00 | 22.97 -0.64 0.00 | 23.08 -0.68 0.00 | 23.50 -0.71 0.00 | 24.26 -0.71 0.00 | 23.29 -0.67 0.00 | 21.50 -0.61 0.00 | 23.32 -0.63 0.00 | 29.67 -0.74 0.00 | 39.42 -0.92 0.00 | 43.40 -0.96 0.00 | 38.07 -0.73 0.00 | 33.23 -0.70 0.00 | 28.17 -0.61 0.00 | 29.95 -0.73 0.00 |
| FULTON___LFGE 323630 | 47.59 2.23 0.00 | 34.07 1.60 0.00 | 28.60 1.30 0.00 | 31.53 1.43 0.00 | 28.34 1.30 0.00 | 29.57 1.38 0.00 | 28.09 1.29 0.00 | 27.51 0.96 0.00 | 24.14 0.52 0.00 | 21.88 0.36 0.00 | 23.93 0.32 0.00 | 24.05 0.30 0.00 | 24.52 0.31 0.00 | 25.27 0.31 0.00 | 24.25 0.30 0.00 | 22.44 0.33 0.00 | 24.36 0.40 0.00 | 31.16 0.75 0.00 | 41.87 1.53 0.00 | 46.64 2.29 0.00 | 41.14 2.34 0.00 | 35.92 1.99 0.00 | 30.39 1.61 0.00 | 32.25 1.57 0.00 |
| G.F.CEMENT___DRP 24184 | 47.31 1.95 0.00 | 34.49 1.68 -0.34 | 29.09 1.30 -0.48 | 31.46 1.36 0.00 | 28.26 1.21 0.00 | 29.44 1.25 0.00 | 28.00 1.21 0.00 | 27.70 1.14 0.00 | 24.61 0.81 -0.18 | 22.48 0.66 -0.30 | 24.37 0.53 -0.22 | 24.21 0.45 0.00 | 24.69 0.48 0.00 | 25.46 0.49 0.00 | 24.45 0.49 0.00 | 22.63 0.52 0.00 | 24.66 0.71 0.00 | 31.53 1.12 0.00 | 42.22 1.88 0.00 | 46.48 2.13 0.00 | 41.12 2.32 0.00 | 36.00 2.07 0.00 | 30.48 1.70 0.00 | 32.32 1.63 0.00 |
| GARDENVILLE___LBMP 24039 | 43.64 -1.72 0.00 | 31.28 -1.18 0.00 | 26.22 -1.09 0.00 | 29.29 -0.81 0.00 | 26.12 -0.93 0.00 | 27.08 -1.11 0.00 | 25.51 -1.28 0.00 | 25.44 -1.12 0.00 | 22.74 -0.88 0.00 | 20.73 -0.79 0.00 | 22.90 -0.72 0.00 | 23.03 -0.72 0.00 | 23.48 -0.73 0.00 | 24.16 -0.81 0.00 | 23.15 -0.81 0.00 | 21.11 -0.99 0.00 | 23.01 -0.94 0.00 | 29.45 -0.96 0.00 | 38.87 -1.47 0.00 | 43.01 -1.34 0.00 | 37.66 -1.14 0.00 | 32.73 -1.20 0.00 | 27.91 -0.87 0.00 | 29.73 -0.96 0.00 |
| GARDNVLA_35_KV_LD 355827 | 43.79 -1.58 0.00 | 31.38 -1.08 0.00 | 26.30 -1.01 0.00 | 29.39 -0.71 0.00 | 26.20 -0.85 0.00 | 27.16 -1.04 0.00 | 25.57 -1.22 0.00 | 25.50 -1.06 0.00 | 22.81 -0.81 0.00 | 20.80 -0.72 0.00 | 22.98 -0.64 0.00 | 23.12 -0.63 0.00 | 23.57 -0.64 0.00 | 24.26 -0.71 0.00 | 23.25 -0.72 0.00 | 21.22 -0.89 0.00 | 23.13 -0.82 0.00 | 29.61 -0.80 0.00 | 39.08 -1.26 0.00 | 43.23 -1.12 0.00 | 37.83 -0.97 0.00 | 32.87 -1.06 0.00 | 28.02 -0.76 0.00 | 29.83 -0.86 0.00 |
| GELCKHM___115KV_LOAD 80723 | 44.36 -1.01 0.00 | 31.79 -0.67 0.00 | 26.77 -0.54 0.00 | 29.54 -0.56 0.00 | 26.50 -0.54 0.00 | 27.62 -0.57 0.00 | 26.25 -0.54 0.00 | 26.01 -0.54 0.00 | 23.13 -0.50 0.00 | 21.06 -0.46 0.00 | 23.12 -0.50 0.00 | 23.25 -0.51 0.00 | 23.67 -0.54 0.00 | 24.40 -0.57 0.00 | 23.44 -0.52 0.00 | 21.62 -0.49 0.00 | 23.46 -0.49 0.00 | 29.84 -0.57 0.00 | 39.64 -0.70 0.00 | 43.62 -0.73 0.00 | 38.27 -0.53 0.00 | 33.40 -0.53 0.00 | 28.31 -0.47 0.00 | 30.09 -0.60 0.00 |
| GENERAL___MILLS 23808 | 43.73 -1.63 0.00 | 31.35 -1.12 0.00 | 26.27 -1.03 0.00 | 29.36 -0.75 0.00 | 26.17 -0.88 0.00 | 27.13 -1.06 0.00 | 25.55 -1.25 0.00 | 25.48 -1.08 0.00 | 22.78 -0.84 0.00 | 20.78 -0.75 0.00 | 22.94 -0.67 0.00 | 23.08 -0.68 0.00 | 23.53 -0.68 0.00 | 24.21 -0.76 0.00 | 23.20 -0.76 0.00 | 21.17 -0.94 0.00 | 23.07 -0.88 0.00 | 29.54 -0.87 0.00 | 38.99 -1.35 0.00 | 43.13 -1.22 0.00 | 37.75 -1.05 0.00 | 32.81 -1.12 0.00 | 27.97 -0.81 0.00 | 29.79 -0.90 0.00 |
| GE_PLASTICS___DRP 24183 | 45.86 0.49 0.00 | 33.36 0.54 -0.36 | 28.26 0.45 -0.51 | 30.55 0.45 0.00 | 27.38 0.33 0.00 | 28.50 0.32 0.00 | 27.14 0.35 0.00 | 26.90 0.34 0.00 | 24.09 0.28 -0.19 | 22.10 0.25 -0.32 | 24.10 0.25 -0.23 | 24.00 0.24 0.00 | 24.50 0.29 0.00 | 25.27 0.31 0.00 | 24.25 0.29 0.00 | 22.33 0.22 0.00 | 24.21 0.26 0.00 | 30.67 0.26 0.00 | 40.60 0.26 0.00 | 44.59 0.23 0.00 | 39.32 0.52 0.00 | 34.47 0.54 0.00 | 29.25 0.47 0.00 | 31.02 0.34 0.00 |
| GILBOA___1 23756 | 45.95 0.59 0.00 | 33.60 0.72 -0.41 | 28.59 0.69 -0.59 | 30.83 0.73 0.00 | 27.68 0.63 0.00 | 28.82 0.62 0.00 | 27.42 0.63 0.00 | 27.11 0.55 0.00 | 24.35 0.51 -0.22 | 22.39 0.50 -0.37 | 24.41 0.52 -0.27 | 24.20 0.45 0.00 | 24.71 0.50 0.00 | 25.49 0.52 0.00 | 24.46 0.50 0.00 | 22.57 0.47 0.00 | 24.43 0.48 0.00 | 30.90 0.49 0.00 | 40.77 0.43 0.00 | 44.72 0.36 0.00 | 39.44 0.64 0.00 | 34.60 0.67 0.00 | 29.41 0.63 0.00 | 31.19 0.51 0.00 |
| GILBOA___2 23757 | 45.95 0.59 0.00 | 33.60 0.72 -0.41 | 28.59 0.69 -0.59 | 30.83 0.73 0.00 | 27.68 0.63 0.00 | 28.82 0.62 0.00 | 27.42 0.63 0.00 | 27.11 0.55 0.00 | 24.35 0.51 -0.22 | 22.39 0.50 -0.37 | 24.41 0.52 -0.27 | 24.20 0.45 0.00 | 24.71 0.50 0.00 | 25.49 0.52 0.00 | 24.46 0.50 0.00 | 22.57 0.47 0.00 | 24.43 0.48 0.00 | 30.90 0.49 0.00 | 40.77 0.43 0.00 | 44.72 0.36 0.00 | 39.44 0.64 0.00 | 34.60 0.67 0.00 | 29.41 0.63 0.00 | 31.19 0.51 0.00 |
| GILBOA___3 23758 | 45.95 0.59 0.00 | 33.60 0.72 -0.41 | 28.59 0.69 -0.59 | 30.83 0.73 0.00 | 27.68 0.63 0.00 | 28.82 0.62 0.00 | 27.42 0.63 0.00 | 27.11 0.55 0.00 | 24.35 0.51 -0.22 | 22.39 0.50 -0.37 | 24.41 0.52 -0.27 | 24.20 0.45 0.00 | 24.71 0.50 0.00 | 25.49 0.52 0.00 | 24.46 0.50 0.00 | 22.57 0.47 0.00 | 24.43 0.48 0.00 | 30.90 0.49 0.00 | 40.77 0.43 0.00 | 44.72 0.36 0.00 | 39.44 0.64 0.00 | 34.60 0.67 0.00 | 29.41 0.63 0.00 | 31.19 0.51 0.00 |
| GILBOA___4 23759 | 45.95 0.59 0.00 | 33.60 0.72 -0.41 | 28.59 0.69 -0.59 | 30.83 0.73 0.00 | 27.68 0.63 0.00 | 28.82 0.62 0.00 | 27.42 0.63 0.00 | 27.11 0.55 0.00 | 24.35 0.51 -0.22 | 22.39 0.50 -0.37 | 24.41 0.52 -0.27 | 24.20 0.45 0.00 | 24.71 0.50 0.00 | 25.49 0.52 0.00 | 24.46 0.50 0.00 | 22.57 0.47 0.00 | 24.43 0.48 0.00 | 30.90 0.49 0.00 | 40.77 0.43 0.00 | 44.72 0.36 0.00 | 39.44 0.64 0.00 | 34.60 0.67 0.00 | 29.41 0.63 0.00 | 31.19 0.51 0.00 |

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| GILBOA____ 23599 | 45.95 0.59 0.00 | 33.60 0.72 -0.41 | 28.59 0.70 -0.59 | 30.83 0.73 0.00 | 27.67 0.63 0.00 | 28.82 0.62 0.00 | 27.43 0.64 0.00 | 27.11 0.55 0.00 | 24.35 0.51 -0.22 | 22.39 0.50 -0.37 | 24.41 0.52 -0.27 | 24.20 0.45 0.00 | 24.71 0.50 0.00 | 25.49 0.53 0.00 | 24.46 0.50 0.00 | 22.57 0.47 0.00 | 24.43 0.48 0.00 | 30.90 0.49 0.00 | 40.77 0.43 0.00 | 44.72 0.36 0.00 | 39.45 0.65 0.00 | 34.60 0.67 0.00 | 29.41 0.63 0.00 | 31.19 0.51 0.00 |
| GINNA____ 23603 | 42.49 -2.87 0.00 | 30.42 -2.05 0.00 | 25.56 -1.75 0.00 | 28.31 -1.79 0.00 | 25.35 -1.70 0.00 | 26.37 -1.83 0.00 | 24.99 -1.80 0.00 | 24.80 -1.76 0.00 | 22.07 -1.55 0.00 | 20.10 -1.42 0.00 | 22.11 -1.51 0.00 | 22.25 -1.51 0.00 | 22.68 -1.53 0.00 | 23.40 -1.57 0.00 | 22.45 -1.51 0.00 | 20.67 -1.44 0.00 | 22.51 -1.45 0.00 | 28.80 -1.61 0.00 | 38.25 -2.09 0.00 | 42.15 -2.21 0.00 | 36.89 -1.91 0.00 | 32.15 -1.78 0.00 | 27.26 -1.53 0.00 | 28.92 -1.77 0.00 |
| GLEN PARK____ 23778 | 47.84 2.48 0.00 | 34.13 1.67 0.00 | 28.63 1.32 0.00 | 31.56 1.45 0.00 | 28.36 1.31 0.00 | 29.58 1.39 0.00 | 28.06 1.26 0.00 | 27.61 1.05 0.00 | 24.05 0.42 0.00 | 21.64 0.11 0.00 | 23.60 -0.01 0.00 | 23.61 -0.14 0.00 | 24.00 -0.21 0.00 | 24.68 -0.29 0.00 | 23.64 -0.32 0.00 | 21.81 -0.30 0.00 | 23.71 -0.24 0.00 | 30.38 -0.03 0.00 | 41.31 0.97 0.00 | 46.45 2.10 0.00 | 40.47 1.67 0.00 | 34.86 0.93 0.00 | 29.37 0.59 0.00 | 31.02 0.33 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 47.49 2.13 0.00 | 36.26 1.59 -2.21 | 31.68 1.22 -3.16 | 31.36 1.26 0.00 | 28.19 1.14 0.00 | 29.31 1.12 0.00 | 28.05 1.26 0.00 | 27.96 1.40 0.00 | 26.22 1.41 -1.19 | 24.89 1.38 -1.99 | 26.74 1.68 -1.45 | 25.62 1.87 0.00 | 26.20 1.99 0.00 | 27.02 2.06 0.00 | 25.93 1.97 0.00 | 23.97 1.86 0.00 | 25.75 1.79 0.00 | 32.32 1.92 0.00 | 42.57 2.23 0.00 | 46.44 2.09 0.00 | 41.14 2.35 0.00 | 36.05 2.12 0.00 | 30.68 1.90 0.00 | 32.45 1.77 0.00 |
| GLENWOOD_IC_1_G5 23712 | 47.42 2.06 0.00 | 36.14 1.47 -2.20 | 31.52 1.06 -3.15 | 31.21 1.11 0.00 | 28.03 0.99 0.00 | 29.18 0.99 0.00 | 27.96 1.16 0.00 | 27.86 1.30 0.00 | 26.12 1.31 -1.19 | 24.77 1.27 -1.98 | 35.04 1.63 -9.80 | 26.31 1.79 -0.77 | 26.09 1.88 0.00 | 26.89 1.93 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.60 1.65 0.00 | 31.96 1.56 0.00 | 42.23 1.90 0.00 | 45.88 1.53 0.00 | 40.68 1.88 0.00 | 35.79 1.86 0.00 | 30.35 1.57 0.00 | 32.15 1.47 0.00 |
| GLENWOOD_IC_2_G1 23688 | 47.19 1.82 0.00 | 36.00 1.33 -2.20 | 31.42 0.97 -3.15 | 31.10 1.00 0.00 | 27.94 0.89 0.00 | 29.07 0.88 0.00 | 27.83 1.04 0.00 | 27.73 1.17 0.00 | 25.99 1.19 -1.19 | 24.66 1.16 -1.98 | 34.88 1.47 -9.80 | 26.15 1.63 -0.77 | 25.93 1.73 0.00 | 26.73 1.76 0.00 | 25.64 1.68 0.00 | 23.70 1.59 0.00 | 25.47 1.52 0.00 | 31.99 1.58 0.00 | 42.25 1.91 0.00 | 45.98 1.62 0.00 | 40.71 1.91 0.00 | 35.66 1.73 0.00 | 30.25 1.47 0.00 | 32.05 1.36 0.00 |
| GLENWOOD_IC_3_G1 23689 | 47.19 1.82 0.00 | 36.00 1.33 -2.20 | 31.42 0.97 -3.15 | 31.10 1.00 0.00 | 27.94 0.89 0.00 | 29.07 0.88 0.00 | 27.83 1.04 0.00 | 27.73 1.17 0.00 | 25.99 1.19 -1.19 | 24.66 1.16 -1.98 | 34.88 1.47 -9.80 | 26.15 1.63 -0.77 | 25.93 1.73 0.00 | 26.73 1.76 0.00 | 25.64 1.68 0.00 | 23.70 1.59 0.00 | 25.47 1.52 0.00 | 31.99 1.58 0.00 | 42.25 1.91 0.00 | 45.98 1.62 0.00 | 40.71 1.91 0.00 | 35.66 1.73 0.00 | 30.25 1.47 0.00 | 32.05 1.36 0.00 |
| GLENWOOD____4 23550 | 47.42 2.06 0.00 | 36.14 1.47 -2.20 | 31.52 1.06 -3.15 | 31.21 1.11 0.00 | 28.03 0.99 0.00 | 29.18 0.99 0.00 | 27.96 1.16 0.00 | 27.86 1.30 0.00 | 26.12 1.31 -1.19 | 24.77 1.27 -1.98 | 35.04 1.63 -9.80 | 26.31 1.79 -0.77 | 26.09 1.88 0.00 | 26.89 1.93 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.60 1.65 0.00 | 32.04 1.63 0.00 | 42.34 2.00 0.00 | 46.00 1.64 0.00 | 40.75 1.95 0.00 | 35.79 1.86 0.00 | 30.35 1.57 0.00 | 32.15 1.47 0.00 |
| GLENWOOD____5 23614 | 47.42 2.06 0.00 | 36.14 1.47 -2.20 | 31.52 1.06 -3.15 | 31.21 1.11 0.00 | 28.03 0.99 0.00 | 29.18 0.99 0.00 | 27.96 1.16 0.00 | 27.86 1.30 0.00 | 26.12 1.31 -1.19 | 24.77 1.27 -1.98 | 35.04 1.63 -9.80 | 26.31 1.79 -0.77 | 26.09 1.88 0.00 | 26.89 1.93 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.60 1.65 0.00 | 32.04 1.63 0.00 | 42.34 2.00 0.00 | 46.00 1.64 0.00 | 40.75 1.95 0.00 | 35.79 1.86 0.00 | 30.35 1.57 0.00 | 32.15 1.47 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 49.67 4.31 0.00 | 37.53 2.86 -2.20 | 32.35 1.90 -3.15 | 32.14 2.04 0.00 | 28.86 1.81 0.00 | 30.08 1.89 0.00 | 29.29 2.50 0.00 | 29.29 2.73 0.00 | 27.50 2.69 -1.19 | 26.09 2.59 -1.98 | 36.66 3.25 -9.80 | 27.71 3.19 -0.77 | 27.47 3.26 0.00 | 28.27 3.30 0.00 | 27.13 3.17 0.00 | 25.11 3.00 0.00 | 26.98 3.03 0.00 | 33.88 3.47 0.00 | 44.88 4.54 0.00 | 48.40 4.04 0.00 | 42.91 4.12 0.00 | 37.19 3.26 0.00 | 31.43 2.65 0.00 | 33.10 2.42 0.00 |
| GLOBE____DSASP 323697 | 42.51 -2.85 0.00 | 30.52 -1.95 0.00 | 25.58 -1.72 0.00 | 28.63 -1.47 0.00 | 25.52 -1.52 0.00 | 26.42 -1.77 0.00 | 24.83 -1.97 0.00 | 24.79 -1.77 0.00 | 22.20 -1.42 0.00 | 20.25 -1.27 0.00 | 22.37 -1.24 0.00 | 22.50 -1.26 0.00 | 22.91 -1.30 0.00 | 23.54 -1.43 0.00 | 22.52 -1.44 0.00 | 20.51 -1.60 0.00 | 22.37 -1.58 0.00 | 28.66 -1.75 0.00 | 37.74 -2.60 0.00 | 41.75 -2.60 0.00 | 36.53 -2.27 0.00 | 31.75 -2.18 0.00 | 27.14 -1.65 0.00 | 28.92 -1.76 0.00 |
| GOETHSLN____LBMP 323567 | 46.93 1.57 0.00 | 35.85 1.17 -2.21 | 31.33 0.86 -3.16 | 30.99 0.89 0.00 | 27.83 0.78 0.00 | 28.96 0.77 0.00 | 27.70 0.91 0.00 | 27.62 1.06 0.00 | 25.93 1.11 -1.19 | 24.61 1.10 -1.99 | 26.42 1.36 -1.45 | 25.32 1.56 0.00 | 25.90 1.69 0.00 | 26.71 1.75 0.00 | 25.63 1.67 0.00 | 23.71 1.60 0.00 | 25.47 1.52 0.00 | 31.97 1.57 0.00 | 42.07 1.74 0.00 | 45.93 1.58 0.00 | 40.68 1.88 0.00 | 35.64 1.70 0.00 | 30.32 1.53 0.00 | 32.04 1.35 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 44.61 -0.75 0.00 | 31.94 -0.53 0.00 | 26.80 -0.50 0.00 | 29.77 -0.33 0.00 | 26.62 -0.43 0.00 | 27.66 -0.53 0.00 | 26.16 -0.63 0.00 | 25.99 -0.57 0.00 | 23.11 -0.51 0.00 | 21.04 -0.49 0.00 | 23.14 -0.47 0.00 | 23.29 -0.46 0.00 | 23.73 -0.48 0.00 | 24.42 -0.55 0.00 | 23.45 -0.51 0.00 | 21.54 -0.56 0.00 | 23.49 -0.46 0.00 | 30.09 -0.32 0.00 | 39.93 -0.41 0.00 | 44.18 -0.18 0.00 | 38.71 -0.08 0.00 | 33.70 -0.22 0.00 | 28.61 -0.18 0.00 | 30.37 -0.31 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 46.29 0.93 0.00 | 33.06 0.59 0.00 | 27.73 0.42 0.00 | 30.59 0.49 0.00 | 27.50 0.46 0.00 | 28.71 0.52 0.00 | 27.31 0.52 0.00 | 27.04 0.49 0.00 | 24.09 0.47 0.00 | 21.96 0.44 0.00 | 24.15 0.53 0.00 | 24.34 0.59 0.00 | 24.81 0.61 0.00 | 25.58 0.61 0.00 | 24.57 0.61 0.00 | 22.70 0.59 0.00 | 24.59 0.64 0.00 | 31.27 0.86 0.00 | 41.57 1.23 0.00 | 45.74 1.39 0.00 | 40.08 1.28 0.00 | 34.96 1.03 0.00 | 29.61 0.83 0.00 | 31.45 0.77 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 44.84 -0.52 0.00 | 32.11 -0.36 0.00 | 26.98 -0.32 0.00 | 29.82 -0.28 0.00 | 26.76 -0.28 0.00 | 27.88 -0.31 0.00 | 26.52 -0.27 0.00 | 26.28 -0.27 0.00 | 23.40 -0.23 0.00 | 21.30 -0.22 0.00 | 23.42 -0.20 0.00 | 23.60 -0.15 0.00 | 24.06 -0.15 0.00 | 24.81 -0.16 0.00 | 23.84 -0.12 0.00 | 21.98 -0.13 0.00 | 23.81 -0.13 0.00 | 30.24 -0.16 0.00 | 40.13 -0.21 0.00 | 44.21 -0.15 0.00 | 38.78 -0.02 0.00 | 33.83 -0.09 0.00 | 28.69 -0.09 0.00 | 30.49 -0.20 0.00 |

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|------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|
| GOWANUS_GT2_6 24119 | 47.39 <u>2.03</u> 0.00 | 36.19 <u>1.52</u> -2.21 | 31.62 <u>1.15</u> -3.16 | 31.30 <u>1.20</u> 0.00 | 28.12 <u>1.07</u> 0.00 | 29.24 <u>1.05</u> 0.00 | 27.96 <u>1.17</u> 0.00 | 27.87 <u>1.30</u> -0.01 | 26.16 <u>1.35</u> -1.19 | 24.84 <u>1.33</u> -1.99 | 26.67 <u>1.60</u> -1.45 | 25.58 <u>1.81</u> -0.01 | 26.16 <u>1.95</u> -0.01 | 26.96 <u>1.98</u> -0.01 | 25.90 <u>1.93</u> -0.01 | 23.93 <u>1.81</u> -0.01 | 25.71 <u>1.76</u> 0.00 | 32.33 <u>1.92</u> 0.00 | 42.58 <u>2.25</u> 0.00 | 46.42 <u>2.06</u> 0.00 | 41.12 <u>2.32</u> 0.00 | 36.02 <u>2.09</u> 0.00 | 30.63 <u>1.85</u> -0.01 | 32.42 <u>1.74</u> 0.00 |
| GOWANUS_GT2_7 24120 | 47.39 <u>2.03</u> 0.00 | 36.19 <u>1.52</u> -2.21 | 31.62 <u>1.15</u> -3.16 | 31.30 <u>1.20</u> 0.00 | 28.12 <u>1.07</u> 0.00 | 29.24 <u>1.05</u> 0.00 | 27.96 <u>1.17</u> 0.00 | 27.87 <u>1.30</u> -0.01 | 26.16 <u>1.35</u> -1.19 | 24.84 <u>1.33</u> -1.99 | 26.67 <u>1.60</u> -1.45 | 25.58 <u>1.81</u> -0.01 | 26.16 <u>1.95</u> -0.01 | 26.96 <u>1.98</u> -0.01 | 25.90 <u>1.93</u> -0.01 | 23.93 <u>1.81</u> -0.01 | 25.71 <u>1.76</u> 0.00 | 32.33 <u>1.92</u> 0.00 | 42.58 <u>2.25</u> 0.00 | 46.42 <u>2.06</u> 0.00 | 41.12 <u>2.32</u> 0.00 | 36.02 <u>2.09</u> 0.00 | 30.63 <u>1.85</u> -0.01 | 32.42 <u>1.74</u> 0.00 |
| GOWANUS_GT2_8 24121 | 47.39 <u>2.03</u> 0.00 | 36.19 <u>1.52</u> -2.21 | 31.62 <u>1.15</u> -3.16 | 31.30 <u>1.20</u> 0.00 | 28.12 <u>1.07</u> 0.00 | 29.24 <u>1.05</u> 0.00 | 27.96 <u>1.17</u> 0.00 | 27.87 <u>1.30</u> -0.01 | 26.16 <u>1.35</u> -1.19 | 24.84 <u>1.33</u> -1.99 | 26.67 <u>1.60</u> -1.45 | 25.58 <u>1.81</u> -0.01 | 26.16 <u>1.95</u> -0.01 | 26.96 <u>1.98</u> -0.01 | 25.90 <u>1.93</u> -0.01 | 23.93 <u>1.81</u> -0.01 | 25.71 <u>1.76</u> 0.00 | 32.33 <u>1.92</u> 0.00 | 42.58 <u>2.25</u> 0.00 | 46.42 <u>2.06</u> 0.00 | 41.12 <u>2.32</u> 0.00 | 36.02 <u>2.09</u> 0.00 | 30.63 <u>1.85</u> -0.01 | 32.42 <u>1.74</u> 0.00 |
| GOWANUS_GT3_1 24122 | 47.39 <u>2.03</u> 0.00 | 36.19 <u>1.52</u> -2.21 | 31.62 <u>1.15</u> -3.16 | 31.30 <u>1.20</u> 0.00 | 28.12 <u>1.07</u> 0.00 | 29.24 <u>1.05</u> 0.00 | 27.96 <u>1.17</u> 0.00 | 27.87 <u>1.30</u> -0.01 | 26.16 <u>1.35</u> -1.19 | 24.84 <u>1.33</u> -1.99 | 26.67 <u>1.60</u> -1.45 | 25.58 <u>1.81</u> -0.01 | 26.16 <u>1.95</u> -0.01 | 26.96 <u>1.98</u> -0.01 | 25.90 <u>1.93</u> -0.01 | 23.93 <u>1.81</u> -0.01 | 25.71 <u>1.76</u> 0.00 | 32.33 <u>1.92</u> 0.00 | 42.58 <u>2.25</u> 0.00 | 46.42 <u>2.06</u> 0.00 | 41.12 <u>2.32</u> 0.00 | 36.02 <u>2.09</u> 0.00 | 30.63 <u>1.85</u> -0.01 | 32.42 <u>1.74</u> 0.00 |
| GOWANUS_GT3_2 24123 | 47.39 <u>2.03</u> 0.00 | 36.19 <u>1.52</u> -2.21 | 31.62 <u>1.15</u> -3.16 | 31.30 <u>1.20</u> 0.00 | 28.12 <u>1.07</u> 0.00 | 29.24 <u>1.05</u> 0.00 | 27.96 <u>1.17</u> 0.00 | 27.87 <u>1.30</u> -0.01 | 26.16 <u>1.35</u> -1.19 | 24.84 <u>1.33</u> -1.99 | 26.67 <u>1.60</u> -1.45 | 25.58 <u>1.81</u> -0.01 | 26.16 <u>1.95</u> -0.01 | 26.96 <u>1.98</u> -0.01 | 25.90 <u>1.93</u> -0.01 | 23.93 <u>1.81</u> -0.01 | 25.71 <u>1.76</u> 0.00 | 32.33 <u>1.92</u> 0.00 | 42.58 <u>2.25</u> 0.00 | 46.42 <u>2.06</u> 0.00 | 41.12 <u>2.32</u> 0.00 | 36.02 <u>2.09</u> 0.00 | 30.63 <u>1.85</u> -0.01 | 32.42 <u>1.74</u> 0.00 |
| GOWANUS_GT3_3 24124 | 47.39 <u>2.03</u> 0.00 | 36.19 <u>1.52</u> -2.21 | 31.62 <u>1.15</u> -3.16 | 31.30 <u>1.20</u> 0.00 | 28.12 <u>1.07</u> 0.00 | 29.24 <u>1.05</u> 0.00 | 27.96 <u>1.17</u> 0.00 | 27.87 <u>1.30</u> -0.01 | 26.16 <u>1.35</u> -1.19 | 24.84 <u>1.33</u> -1.99 | 26.67 <u>1.60</u> -1.45 | 25.58 <u>1.81</u> -0.01 | 26.16 <u>1.95</u> -0.01 | 26.96 <u>1.98</u> -0.01 | 25.90 <u>1.93</u> -0.01 | 23.93 <u>1.81</u> -0.01 | 25.71 <u>1.76</u> 0.00 | 32.33 <u>1.92</u> 0.00 | 42.58 <u>2.25</u> 0.00 | 46.42 <u>2.06</u> 0.00 | 41.12 <u>2.32</u> 0.00 | 36.02 <u>2.09</u> 0.00 | 30.63 <u>1.85</u> -0.01 | 32.42 <u>1.74</u> 0.00</ |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.21 0.00 | 28.11 1.06 0.00 | 29.24 1.05 0.00 | 27.98 1.19 0.00 | 27.87 1.31 0.00 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.66 1.60 -1.45 | 25.57 1.81 0.00 | 26.16 1.95 0.00 | 26.98 2.01 0.00 | 25.89 1.93 0.00 | 23.92 1.81 0.00 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.59 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.33 0.00 | 36.02 2.09 0.00 | 30.63 1.85 0.00 | 32.42 1.74 0.00 |
| GOWANUS_GT4_6 24135 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.21 0.00 | 28.11 1.06 0.00 | 29.24 1.05 0.00 | 27.98 1.19 0.00 | 27.87 1.31 0.00 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.66 1.60 -1.45 | 25.57 1.81 0.00 | 26.16 1.95 0.00 | 26.98 2.01 0.00 | 25.89 1.93 0.00 | 23.92 1.81 0.00 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.59 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.33 0.00 | 36.02 2.09 0.00 | 30.63 1.85 0.00 | 32.42 1.74 0.00 |
| GOWANUS_GT4_7 24136 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.21 0.00 | 28.11 1.06 0.00 | 29.24 1.05 0.00 | 27.98 1.19 0.00 | 27.87 1.31 0.00 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.66 1.60 -1.45 | 25.57 1.81 0.00 | 26.16 1.95 0.00 | 26.98 2.01 0.00 | 25.89 1.93 0.00 | 23.92 1.81 0.00 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.59 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.33 0.00 | 36.02 2.09 0.00 | 30.63 1.85 0.00 | 32.42 1.74 0.00 |
| GOWANUS_GT4_8 24137 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.21 0.00 | 28.11 1.06 0.00 | 29.24 1.05 0.00 | 27.98 1.19 0.00 | 27.87 1.31 0.00 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.66 1.60 -1.45 | 25.57 1.81 0.00 | 26.16 1.95 0.00 | 26.98 2.01 0.00 | 25.89 1.93 0.00 | 23.92 1.81 0.00 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.59 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.33 0.00 | 36.02 2.09 0.00 | 30.63 1.85 0.00 | 32.42 1.74 0.00 |
| GREATVR_69_KV_BK1 356245 | 48.47 3.11 0.00 | 36.76 2.10 -2.20 | 31.87 1.42 -3.15 | 31.58 1.48 0.00 | 28.39 1.34 0.00 | 29.56 1.36 0.00 | 28.51 1.71 0.00 | 28.41 1.85 0.00 | 26.62 1.81 -1.19 | 25.20 1.70 -1.98 | 35.62 2.20 -9.80 | 26.79 2.27 -0.77 | 26.56 2.35 0.00 | 27.34 2.37 0.00 | 26.19 2.23 0.00 | 24.23 2.12 0.00 | 25.97 2.02 0.00 | 32.52 2.12 0.00 | 43.08 2.74 0.00 | 46.54 2.19 0.00 | 41.36 2.56 0.00 | 36.03 2.10 0.00 | 30.53 1.75 0.00 | 32.30 1.62 0.00 |
| GREENBSH_115KV_TB3 55895 | 45.80 0.44 0.00 | 33.33 0.50 -0.36 | 28.24 0.41 -0.52 | 30.50 0.40 0.00 | 27.30 0.25 0.00 | 28.42 0.22 0.00 | 27.06 0.27 0.00 | 26.84 0.28 0.00 | 24.02 0.18 -0.20 | 22.04 0.17 -0.33 | 24.02 0.17 -0.24 | 23.91 0.16 0.00 | 24.42 0.21 0.00 | 25.19 0.22 0.00 | 24.17 0.21 0.00 | 22.23 0.12 0.00 | 24.12 0.17 0.00 | 30.56 0.15 0.00 | 40.48 0.14 0.00 | 44.43 0.08 0.00 | 39.21 0.41 0.00 | 34.39 0.46 0.00 | 29.17 0.39 0.00 | 30.92 0.23 0.00 |
| GREENDGE_115KV_TB5 80291 | 44.81 -0.55 0.00 | 32.10 -0.37 0.00 | 26.95 -0.35 0.00 | 29.84 -0.26 0.00 | 26.76 -0.29 0.00 | 27.87 -0.33 0.00 | 26.43 -0.36 0.00 | 26.19 -0.37 0.00 | 23.20 -0.42 0.00 | 21.03 -0.49 0.00 | 23.06 -0.56 0.00 | 23.20 -0.55 0.00 | 23.65 -0.56 0.00 | 24.38 -0.59 0.00 | 23.42 -0.54 0.00 | 21.57 -0.53 0.00 | 23.46 -0.49 0.00 | 29.93 -0.48 0.00 | 39.84 -0.49 0.00 | 44.13 -0.23 0.00 | 38.73 -0.07 0.00 | 33.81 -0.12 0.00 | 28.80 0.02 0.00 | 30.56 -0.12 0.00 |
| GREENIDGE___3 23582 | 44.81 -0.55 0.00 | 32.10 -0.37 0.00 | 26.95 -0.35 0.00 | 29.84 -0.26 0.00 | 26.76 -0.29 0.00 | 27.87 -0.33 0.00 | 26.43 -0.36 0.00 | 26.19 -0.37 0.00 | 23.20 -0.42 0.00 | 21.03 -0.49 0.00 | 23.06 -0.56 0.00 | 23.20 -0.55 0.00 | 23.65 -0.56 0.00 | 24.38 -0.59 0.00 | 23.42 -0.54 0.00 | 21.57 -0.53 0.00 | 23.46 -0.49 0.00 | 29.93 -0.48 0.00 | 39.84 -0.49 0.00 | 44.13 -0.23 0.00 | 38.73 -0.07 0.00 | 33.81 -0.12 0.00 | 28.80 0.02 0.00 | 30.56 -0.12 0.00 |
| GREENIDGE___4 23583 | 44.81 -0.55 0.00 | 32.10 -0.37 0.00 | 26.95 -0.35 0.00 | 29.84 -0.26 0.00 | 26.76 -0.29 0.00 | 27.87 -0.32 0.00 | 26.46 -0.34 0.00 | 26.21 -0.35 0.00 | 23.21 -0.41 0.00 | 21.03 -0.49 0.00 | 23.06 -0.56 0.00 | 23.20 -0.55 0.00 | 23.65 -0.56 0.00 | 24.40 -0.57 0.00 | 23.42 -0.54 0.00 | 21.57 -0.53 0.00 | 23.46 -0.49 0.00 | 29.92 -0.48 0.00 | 39.84 -0.49 0.00 | 44.13 -0.23 0.00 | 38.73 -0.07 0.00 | 33.82 -0.11 0.00 | 28.80 0.02 0.00 | 30.56 -0.12 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 47.63 2.26 0.00 | 36.25 1.58 -2.20 | 31.52 1.07 -3.15 | 31.19 1.09 0.00 | 28.04 0.99 0.00 | 29.19 1.00 0.00 | 28.08 1.28 0.00 | 27.97 1.41 0.00 | 26.20 1.39 -1.19 | 24.80 1.30 -1.98 | 35.20 1.79 -9.80 | 26.44 1.91 -0.77 | 26.16 1.96 0.00 | 26.94 1.97 0.00 | 25.76 1.80 0.00 | 23.77 1.67 0.00 | 25.45 1.50 0.00 | 31.91 1.50 0.00 | 42.28 1.94 0.00 | 45.68 1.33 0.00 | 40.53 1.73 0.00 | 35.37 1.45 0.00 | 30.00 1.22 0.00 | 31.87 1.19 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.21 0.00 | 28.11 1.06 0.00 | 29.24 1.05 0.00 | 27.98 1.19 0.00 | 27.87 1.31 0.00 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.66 1.60 -1.45 | 25.57 1.81 0.00 | 26.16 1.95 0.00 | 26.98 2.01 0.00 | 25.89 1.93 0.00 | 23.92 1.81 0.00 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.59 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.33 0.00 | 36.02 2.09 0.00 | 30.63 1.85 0.00 | 32.42 1.74 0.00 |
| GRISSOM___SOLAR 323813 | 47.49 2.13 0.00 | 34.02 1.55 0.00 | 28.56 1.26 0.00 | 31.48 1.38 0.00 | 28.29 1.24 0.00 | 29.51 1.32 0.00 | 28.03 1.23 0.00 | 27.51 0.95 0.00 | 24.15 0.52 0.00 | 21.88 0.35 0.00 | 23.92 0.31 0.00 | 24.04 0.28 0.00 | 24.50 0.30 0.00 | 25.26 0.29 0.00 | 24.25 0.29 0.00 | 22.42 0.31 0.00 | 24.33 0.38 0.00 | 31.12 0.71 0.00 | 41.78 1.45 0.00 | 46.51 2.16 0.00 | 41.05 2.25 0.00 | 35.86 1.93 0.00 | 30.34 1.56 0.00 | 32.19 1.51 0.00 |
| GROVEVILLE___HYD 323602 | 46.97 1.61 0.00 | 33.70 1.24 0.00 | 28.25 0.95 0.00 | 31.09 0.98 0.00 | 27.91 0.86 0.00 | 29.06 0.86 0.00 | 27.73 0.94 0.00 | 27.59 1.03 0.00 | 24.64 1.02 0.00 | 22.51 0.98 0.00 | 24.76 1.15 0.00 | 25.02 1.27 0.00 | 25.58 1.37 0.00 | 26.40 1.43 0.00 | 25.34 1.38 0.00 | 23.44 1.34 0.00 | 25.33 1.38 0.00 | 31.98 1.57 0.00 | 42.21 1.87 0.00 | 46.16 1.81 0.00 | 40.78 1.98 0.00 | 35.69 1.76 0.00 | 30.27 1.49 0.00 | 32.02 1.33 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 44.64 -0.73 0.00 | 31.98 -0.49 0.00 | 26.91 -0.39 0.00 | 29.70 -0.40 0.00 | 26.66 -0.39 0.00 | 27.77 -0.42 0.00 | 26.38 -0.41 0.00 | 26.14 -0.42 0.00 | 23.22 -0.40 0.00 | 21.14 -0.38 0.00 | 23.21 -0.41 0.00 | 23.35 -0.40 0.00 | 23.78 -0.43 0.00 | 24.53 -0.44 0.00 | 23.56 -0.40 0.00 | 21.74 -0.37 0.00 | 23.59 -0.36 0.00 | 30.04 -0.37 0.00 | 39.93 -0.40 0.00 | 43.96 -0.40 0.00 | 38.55 -0.25 0.00 | 33.64 -0.29 0.00 | 28.52 -0.26 0.00 | 30.29 -0.39 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 44.78 -0.58 0.00 | 32.04 -0.43 0.00 | 26.94 -0.36 0.00 | 29.75 -0.34 0.00 | 26.70 -0.35 0.00 | 27.80 -0.39 0.00 | 26.38 -0.41 0.00 | 26.13 -0.43 0.00 | 23.21 -0.41 0.00 | 21.11 -0.42 0.00 | 23.18 -0.44 0.00 | 23.33 -0.42 0.00 | 23.77 -0.44 0.00 | 24.52 -0.44 0.00 | 23.56 -0.40 0.00 | 21.71 -0.40 0.00 | 23.57 -0.39 0.00 | 30.05 -0.36 0.00 | 40.00 -0.33 0.00 | 44.09 -0.27 0.00 | 38.69 -0.10 0.00 | 33.76 -0.17 0.00 | 28.61 -0.17 0.00 | 30.37 -0.32 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 47.11 1.75 0.00 | 33.59 1.12 0.00 | 28.11 0.81 0.00 | 30.97 0.87 0.00 | 27.94 0.90 0.00 | 29.22 1.02 0.00 | 27.65 0.86 0.00 | 27.33 0.77 0.00 | 24.07 0.45 0.00 | 21.82 0.29 0.00 | 23.86 0.25 0.00 | 23.95 0.19 0.00 | 24.35 0.14 0.00 | 25.05 0.08 0.00 | 24.00 0.04 0.00 | 22.13 0.03 0.00 | 24.01 0.06 0.00 | 30.69 0.28 0.00 | 41.25 0.91 0.00 | 45.90 1.54 0.00 | 39.87 1.07 0.00 | 34.59 0.66 0.00 | 29.19 0.41 0.00 | 31.09 0.40 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 45.24 -0.13 0.00 | 32.60 0.13 0.00 | 27.43 0.12 0.00 | 30.17 0.06 0.00 | 27.06 0.01 0.00 | 28.22 0.02 0.00 | 26.84 0.05 0.00 | 26.47 -0.09 0.00 | 23.26 -0.35 0.00 | 21.08 -0.44 0.00 | 23.07 -0.54 0.00 | 23.23 -0.52 0.00 | 23.67 -0.54 0.00 | 24.47 -0.50 0.00 | 23.44 -0.52 0.00 | 21.68 -0.43 0.00 | 23.50 -0.45 0.00 | 29.96 -0.45 0.00 | 40.10 -0.24 0.00 | 44.33 -0.03 0.00 | 39.24 0.44 0.00 | 34.46 0.53 0.00 | 29.26 0.48 0.00 | 30.96 0.28 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 46.74 1.38 0.00 | 31.28 1.02 2.21 | 24.90 0.75 3.16 | 30.88 0.77 0.00 | 27.72 0.67 0.00 | 28.87 0.68 0.00 | 27.57 0.78 0.00 | 27.43 0.87 0.00 | 23.32 0.88 1.19 | 20.40 0.86 1.98 | 23.21 1.04 1.45 | 24.94 1.19 0.00 | 25.52 1.31 0.00 | 26.35 1.38 0.00 | 25.29 1.33 0.00 | 23.38 1.27 0.00 | 25.23 1.28 0.00 | 31.81 1.41 0.00 | 41.96 1.62 0.00 | 45.87 1.52 0.00 | 40.51 1.71 0.00 | 35.44 1.51 0.00 | 30.07 1.29 0.00 | 31.82 1.14 0.00 |
| HARSNRAD_115KV_TB1 81005 | 43.27 -2.09 0.00 | 31.04 -1.43 0.00 | 26.01 -1.30 0.00 | 29.09 -1.01 0.00 | 25.93 -1.12 0.00 | 26.86 -1.33 0.00 | 25.25 -1.54 0.00 | 25.20 -1.36 0.00 | 22.54 -1.08 0.00 | 20.53 -1.00 0.00 | 22.67 -0.94 0.00 | 22.78 -0.97 0.00 | 23.21 -1.00 0.00 | 23.86 -1.10 0.00 | 22.86 -1.11 0.00 | 20.78 -1.33 0.00 | 22.67 -1.28 0.00 | 29.07 -1.34 0.00 | 38.35 -1.99 0.00 | 42.47 -1.89 0.00 | 37.19 -1.61 0.00 | 32.32 -1.61 0.00 | 27.61 -1.17 0.00 | 29.46 -1.23 0.00 |
| HARZA MOOSE___RIVER 24016 | 46.78 1.42 0.00 | 33.46 0.99 0.00 | 28.08 0.77 0.00 | 30.95 0.85 0.00 | 27.83 0.78 0.00 | 29.02 0.83 0.00 | 27.55 0.76 0.00 | 27.20 0.64 0.00 | 23.98 0.36 0.00 | 21.75 0.23 0.00 | 23.80 0.19 0.00 | 23.90 0.14 0.00 | 24.32 0.11 0.00 | 25.04 0.08 0.00 | 24.03 0.07 0.00 | 22.15 0.04 0.00 | 24.06 0.11 0.00 | 30.68 0.27 0.00 | 41.17 0.83 0.00 | 45.65 1.29 0.00 | 39.71 0.91 0.00 | 34.41 0.48 0.00 | 29.06 0.28 0.00 | 30.90 0.21 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 44.29 -1.07 0.00 | 31.77 -0.70 0.00 | 26.75 -0.56 0.00 | 29.51 -0.59 0.00 | 26.48 -0.56 0.00 | 27.59 -0.60 0.00 | 26.24 -0.55 0.00 | 26.00 -0.56 0.00 | 23.11 -0.51 0.00 | 21.06 -0.47 0.00 | 23.12 -0.50 0.00 | 23.25 -0.51 0.00 | 23.67 -0.54 0.00 | 24.39 -0.57 0.00 | 23.43 -0.53 0.00 | 21.61 -0.50 0.00 | 23.44 -0.51 0.00 | 29.81 -0.59 0.00 | 39.60 -0.74 0.00 | 43.57 -0.78 0.00 | 38.22 -0.58 0.00 | 33.36 -0.57 0.00 | 28.27 -0.51 0.00 | 30.05 -0.63 0.00 |
| HELLGATE_13_KV_LD 55870 | 47.55 2.19 0.00 | 36.32 1.65 -2.21 | 31.74 1.27 -3.16 | 31.41 1.31 0.00 | 28.24 1.20 0.00 | 29.36 1.17 0.00 | 28.11 1.32 0.00 | 28.00 1.45 0.00 | 26.27 1.46 -1.19 | 24.94 1.43 -1.99 | 26.79 1.73 -1.45 | 25.68 1.92 0.00 | 26.26 2.05 0.00 | 27.08 2.11 0.00 | 25.98 2.02 0.00 | 24.01 1.90 0.00 | 25.80 1.85 0.00 | 32.38 1.97 0.00 | 42.65 2.31 0.00 | 46.50 2.15 0.00 | 41.22 2.42 0.00 | 36.11 2.17 0.00 | 30.73 1.95 0.00 | 32.51 1.82 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 47.55 2.19 0.00 | 36.32 1.65 -2.21 | 31.74 1.27 -3.16 | 31.41 1.31 0.00 | 28.24 1.20 0.00 | 29.36 1.17 0.00 | 28.11 1.32 0.00 | 28.00 1.45 0.00 | 26.27 1.46 -1.19 | 24.94 1.43 -1.99 | 26.79 1.73 -1.45 | 25.68 1.92 0.00 | 26.26 2.05 0.00 | 27.08 2.11 0.00 | 25.98 2.02 0.00 | 24.01 1.90 0.00 | 25.80 1.85 0.00 | 32.38 1.97 0.00 | 42.65 2.31 0.00 | 46.50 2.15 0.00 | 41.22 2.42 0.00 | 36.11 2.17 0.00 | 30.73 1.95 0.00 | 32.51 1.82 0.00 |
| HEMPSTEAD___ 23647 | 47.37 2.00 0.00 | 36.07 1.40 -2.20 | 31.42 0.97 -3.15 | 31.09 0.99 0.00 | 27.94 0.89 0.00 | 29.08 0.89 0.00 | 27.89 1.10 0.00 | 27.80 1.24 0.00 | 26.06 1.26 -1.19 | 24.71 1.21 -1.98 | 35.01 1.60 -9.80 | 26.28 1.75 -0.77 | 26.02 1.82 0.00 | 26.80 1.83 0.00 | 25.70 1.73 0.00 | 23.75 1.64 0.00 | 25.45 1.50 0.00 | 31.90 1.49 0.00 | 42.25 1.91 0.00 | 45.76 1.40 0.00 | 40.57 1.78 0.00 | 35.53 1.60 0.00 | 30.16 1.38 0.00 | 31.98 1.29 0.00 |
| HICKLING___1 23621 | 44.61 -0.75 0.00 | 31.96 -0.50 0.00 | 26.85 -0.46 0.00 | 29.73 -0.37 0.00 | 26.67 -0.38 0.00 | 27.77 -0.43 0.00 | 26.38 -0.41 0.00 | 26.12 -0.43 0.00 | 23.20 -0.42 0.00 | 21.08 -0.44 0.00 | 23.19 -0.42 0.00 | 23.38 -0.38 0.00 | 23.84 -0.37 0.00 | 24.58 -0.39 0.00 | 23.62 -0.34 0.00 | 21.74 -0.37 0.00 | 23.61 -0.34 0.00 | 30.00 -0.41 0.00 | 39.89 -0.44 0.00 | 44.15 -0.21 0.00 | 38.70 -0.10 0.00 | 33.72 -0.21 0.00 | 28.61 -0.17 0.00 | 30.40 -0.28 0.00 |
| HICKLING___2 23622 | 44.61 -0.75 0.00 | 31.96 -0.50 0.00 | 26.85 -0.46 0.00 | 29.73 -0.37 0.00 | 26.67 -0.38 0.00 | 27.77 -0.43 0.00 | 26.38 -0.41 0.00 | 26.12 -0.43 0.00 | 23.20 -0.42 0.00 | 21.08 -0.44 0.00 | 23.19 -0.42 0.00 | 23.38 -0.38 0.00 | 23.84 -0.37 0.00 | 24.58 -0.39 0.00 | 23.62 -0.34 0.00 | 21.74 -0.37 0.00 | 23.61 -0.34 0.00 | 30.00 -0.41 0.00 | 39.89 -0.44 0.00 | 44.15 -0.21 0.00 | 38.70 -0.10 0.00 | 33.72 -0.21 0.00 | 28.61 -0.17 0.00 | 30.40 -0.28 0.00 |
| HIGH FALLS___HY 23754 | 46.83 1.47 0.00 | 33.55 1.08 0.00 | 28.11 0.81 0.00 | 30.93 0.83 0.00 | 27.79 0.74 0.00 | 28.92 0.72 0.00 | 27.62 0.83 0.00 | 27.48 0.92 0.00 | 24.56 0.94 0.00 | 22.41 0.89 0.00 | 24.64 1.03 0.00 | 24.87 1.12 0.00 | 25.41 1.21 0.00 | 26.21 1.25 0.00 | 25.05 1.09 0.00 | 23.21 1.10 0.00 | 25.09 1.14 0.00 | 31.75 1.35 0.00 | 41.99 1.65 0.00 | 45.95 1.60 0.00 | 40.78 1.98 0.00 | 35.66 1.73 0.00 | 30.23 1.45 0.00 | 31.95 1.27 0.00 |
| HIGH_RIVER___SOLAR 323847 | 46.70 1.33 0.00 | 33.82 1.06 -0.29 | 28.59 0.87 -0.42 | 31.03 0.93 0.00 | 27.88 0.83 0.00 | 29.05 0.86 0.00 | 27.61 0.81 0.00 | 27.16 0.60 0.00 | 24.03 0.25 -0.16 | 21.85 0.06 -0.26 | 23.78 -0.03 -0.19 | 23.71 -0.04 0.00 | 24.19 -0.02 0.00 | 24.94 -0.03 0.00 | 23.95 -0.01 0.00 | 22.14 0.03 0.00 | 24.03 0.08 0.00 | 30.74 0.33 0.00 | 41.17 0.84 0.00 | 45.65 1.30 0.00 | 40.27 1.47 0.00 | 35.23 1.31 0.00 | 29.86 1.08 0.00 | 31.70 1.01 0.00 |
| HILLBURN___GT 23639 | 46.65 1.29 0.00 | 30.86 0.95 2.55 | 24.33 0.67 3.65 | 30.79 0.69 0.00 | 27.64 0.59 0.00 | 28.78 0.59 0.00 | 27.50 0.71 0.00 | 27.38 0.82 0.00 | 23.12 0.87 1.38 | 20.10 0.87 2.29 | 23.00 1.06 1.67 | 24.98 1.22 0.00 | 25.57 1.36 0.00 | 26.38 1.42 0.00 | 25.32 1.36 0.00 | 23.39 1.28 0.00 | 25.19 1.24 0.00 | 31.71 1.30 0.00 | 41.77 1.44 0.00 | 45.63 1.27 0.00 | 40.35 1.55 0.00 | 35.32 1.39 0.00 | 30.00 1.22 0.00 | 31.76 1.08 0.00 |
| HILLSIDE_115KV_TB1 80332 | 44.06 -1.31 0.00 | 31.57 -0.90 0.00 | 26.53 -0.77 0.00 | 29.37 -0.73 0.00 | 26.35 -0.70 0.00 | 27.44 -0.76 0.00 | 26.11 -0.68 0.00 | 25.86 -0.70 0.00 | 23.01 -0.61 0.00 | 20.94 -0.58 0.00 | 23.05 -0.56 0.00 | 23.26 -0.50 0.00 | 23.72 -0.49 0.00 | 24.44 -0.52 0.00 | 23.49 -0.47 0.00 | 21.63 -0.47 0.00 | 23.45 -0.51 0.00 | 29.72 -0.69 0.00 | 39.45 -0.89 0.00 | 43.55 -0.81 0.00 | 38.16 -0.64 0.00 | 33.28 -0.65 0.00 | 28.23 -0.55 0.00 | 30.01 -0.67 0.00 |

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| HISHELDN_WT_PWR 323625 | 43.72 -1.65 0.00 | 31.34 -1.13 0.00 | 26.28 -1.02 0.00 | 29.31 -0.80 0.00 | 26.17 -0.87 0.00 | 27.18 -1.02 0.00 | 25.66 -1.13 0.00 | 25.48 -1.07 0.00 | 22.68 -0.94 0.00 | 20.62 -0.91 0.00 | 22.73 -0.89 0.00 | 22.86 -0.89 0.00 | 23.30 -0.91 0.00 | 24.03 -0.94 0.00 | 22.99 -0.97 0.00 | 21.01 -1.10 0.00 | 22.88 -1.07 0.00 | 29.27 -1.14 0.00 | 38.76 -1.58 0.00 | 43.02 -1.33 0.00 | 37.74 -1.06 0.00 | 32.83 -1.10 0.00 | 27.99 -0.80 0.00 | 29.79 -0.90 0.00 |
| HOLTSVILLE_IC_1 23690 | 47.86 2.50 0.00 | 36.37 1.70 -2.20 | 31.53 1.08 -3.15 | 31.20 1.09 0.00 | 28.07 1.02 0.00 | 29.22 1.03 0.00 | 28.23 1.43 0.00 | 28.14 1.58 0.00 | 26.38 1.57 -1.19 | 24.98 1.48 -1.98 | 35.33 1.92 -9.80 | 26.46 1.93 -0.77 | 26.19 1.98 0.00 | 26.91 1.95 0.00 | 25.77 1.81 0.00 | 23.80 1.70 0.00 | 25.48 1.54 0.00 | 31.91 1.50 0.00 | 42.24 1.90 0.00 | 45.62 1.26 0.00 | 40.60 1.80 0.00 | 35.37 1.44 0.00 | 29.97 1.19 0.00 | 31.74 1.05 0.00 |
| HOLTSVILLE_IC_10 23699 | 48.10 2.73 0.00 | 36.52 1.85 -2.20 | 31.64 1.19 -3.15 | 31.31 1.21 0.00 | 28.17 1.13 0.00 | 29.33 1.14 0.00 | 28.36 1.56 0.00 | 28.26 1.70 0.00 | 26.49 1.69 -1.19 | 25.09 1.59 -1.98 | 35.47 2.06 -9.80 | 26.59 2.06 -0.77 | 26.33 2.12 0.00 | 27.06 2.09 0.00 | 25.92 1.97 0.00 | 23.96 1.85 0.00 | 25.66 1.71 0.00 | 32.14 1.73 0.00 | 42.51 2.17 0.00 | 45.91 1.55 0.00 | 40.86 2.06 0.00 | 35.57 1.65 0.00 | 30.13 1.34 0.00 | 31.88 1.20 0.00 |
| HOLTSVILLE_IC_2 23691 | 47.86 2.50 0.00 | 36.37 1.70 -2.20 | 31.53 1.08 -3.15 | 31.20 1.09 0.00 | 28.07 1.02 0.00 | 29.22 1.03 0.00 | 28.23 1.43 0.00 | 28.14 1.58 0.00 | 26.38 1.57 -1.19 | 24.98 1.48 -1.98 | 35.33 1.92 -9.80 | 26.46 1.93 -0.77 | 26.19 1.98 0.00 | 26.91 1.95 0.00 | 25.77 1.81 0.00 | 23.80 1.70 0.00 | 25.48 1.54 0.00 | 31.91 1.50 0.00 | 42.24 1.90 0.00 | 45.62 1.26 0.00 | 40.60 1.80 0.00 | 35.37 1.44 0.00 | 29.97 1.19 0.00 | 31.74 1.05 0.00 |
| HOLTSVILLE_IC_3 23692 | 47.86 2.50 0.00 | 36.37 1.70 -2.20 | 31.53 1.08 -3.15 | 31.20 1.09 0.00 | 28.07 1.02 0.00 | 29.22 1.03 0.00 | 28.23 1.43 0.00 | 28.14 1.58 0.00 | 26.38 1.57 -1.19 | 24.98 1.48 -1.98 | 35.33 1.92 -9.80 | 26.46 1.93 -0.77 | 26.19 1.98 0.00 | 26.91 1.95 0.00 | 25.77 1.81 0.00 | 23.80 1.70 0.00 | 25.48 1.54 0.00 | 31.91 1.50 0.00 | 42.24 1.90 0.00 | 45.62 1.26 0.00 | 40.60 1.80 0.00 | 35.37 1.44 0.00 | 29.97 1.19 0.00 | 31.74 1.05 0.00 |
| HOLTSVILLE_IC_4 23693 | 47.86 2.50 0.00 | 36.37 1.70 -2.20 | 31.53 1.08 -3.15 | 31.20 1.09 0.00 | 28.07 1.02 0.00 | 29.22 1.03 0.00 | 28.23 1.43 0.00 | 28.14 1.58 0.00 | 26.38 1.57 -1.19 | 24.98 1.48 -1.98 | 35.33 1.92 -9.80 | 26.46 1.93 -0.77 | 26.19 1.98 0.00 | 26.91 1.95 0.00 | 25.77 1.81 0.00 | 23.80 1.70 0.00 | 25.48 1.54 0.00 | 31.91 1.50 0.00 | 42.24 1.90 0.00 | 45.62 1.26 0.00 | 40.60 1.80 0.00 | 35.37 1.44 0.00 | 29.97 1.19 0.00 | 31.74 1.05 0.00 |
| HOLTSVILLE_IC_5 23694 | 47.86 2.50 0.00 | 36.37 1.70 -2.20 | 31.53 1.08 -3.15 | 31.20 1.09 0.00 | 28.07 1.02 0.00 | 29.22 1.03 0.00 | 28.23 1.43 0.00 | 28.14 1.58 0.00 | 26.38 1.57 -1.19 | 24.98 1.48 -1.98 | 35.33 1.92 -9.80 | 26.46 1.93 -0.77 | 26.19 1.98 0.00 | 26.91 1.95 0.00 | 25.77 1.81 0.00 | 23.80 1.70 0.00 | 25.48 1.54 0.00 | 31.91 1.50 0.00 | 42.24 1.90 0.00 | 45.62 1.26 0.00 | 40.60 1.80 0.00 | 35.37 1.44 0.00 | 29.97 1.19 0.00 | 31.74 1.05 0.00 |
| HOLTSVILLE_IC_6 23695 | 48.10 2.73 0.00 | 36.52 1.85 -2.20 | 31.64 1.19 -3.15 | 31.31 1.21 0.00 | 28.17 1.13 0.00 | 29.33 1.14 0.00 | 28.36 1.56 0.00 | 28.26 1.70 0.00 | 26.49 1.69 -1.19 | 25.09 1.59 -1.98 | 35.47 2.06 -9.80 | 26.59 2.06 -0.77 | 26.33 2.12 0.00 | 27.06 2.09 0.00 | 25.92 1.97 0.00 | 23.96 1.85 0.00 | 25.66 1.71 0.00 | 32.14 1.73 0.00 | 42.51 2.17 0.00 | 45.91 1.55 0.00 | 40.86 2.06 0.00 | 35.57 1.65 0.00 | 30.13 1.34 0.00 | 31.88 1.20 0.00 |
| HOLTSVILLE_IC_7 23696 | 48.10 2.73 0.00 | 36.52 1.85 -2.20 | 31.64 1.19 -3.15 | 31.31 1.21 0.00 | 28.17 1.13 0.00 | 29.33 1.14 0.00 | 28.36 1.56 0.00 | 28.26 1.70 0.00 | 26.49 1.69 -1.19 | 25.09 1.59 -1.98 | 35.47 2.06 -9.80 | 26.59 2.06 -0.77 | 26.33 2.12 0.00 | 27.06 2.09 0.00 | 25.92 1.97 0.00 | 23.96 1.85 0.00 | 25.66 1.71 0.00 | 32.14 1.73 0.00 | 42.51 2.17 0.00 | 45.91 1.55 0.00 | 40.86 2.06 0.00 | 35.57 1.65 0.00 | 30.13 1.34 0.00 | 31.88 1.20 0.00 |
| HOLTSVILLE_IC_8 23697 | 48.10 2.73 0.00 | 36.52 1.85 -2.20 | 31.64 1.19 -3.15 | 31.31 1.21 0.00 | 28.17 1.13 0.00 | 29.33 1.14 0.00 | 28.36 1.56 0.00 | 28.26 1.70 0.00 | 26.49 1.69 -1.19 | 25.09 1.59 -1.98 | 35.47 2.06 -9.80 | 26.59 2.06 -0.77 | 26.33 2.12 0.00 | 27.06 2.09 0.00 | 25.92 1.97 0.00 | 23.96 1.85 0.00 | 25.66 1.71 0.00 | 32.14 1.73 0.00 | 42.51 2.17 0.00 | 45.91 1.55 0.00 | 40.86 2.06 0.00 | 35.57 1.65 0.00 | 30.13 1.34 0.00 | 31.88 1.20 0.00 |
| HOLTSVILLE_IC_9 23698 | 48.10 2.73 0.00 | 36.52 1.85 -2.20 | 31.64 1.19 -3.15 | 31.31 1.21 0.00 | 28.17 1.13 0.00 | 29.33 1.14 0.00 | 28.36 1.56 0.00 | 28.26 1.70 0.00 | 26.49 1.69 -1.19 | 25.09 1.59 -1.98 | 35.47 2.06 -9.80 | 26.59 2.06 -0.77 | 26.33 2.12 0.00 | 27.06 2.09 0.00 | 25.92 1.97 0.00 | 23.96 1.85 0.00 | 25.66 1.71 0.00 | 32.14 1.73 0.00 | 42.51 2.17 0.00 | 45.91 1.55 0.00 | 40.86 2.06 0.00 | 35.57 1.65 0.00 | 30.13 1.34 0.00 | 31.88 1.20 0.00 |
| HOMER_HL_115KV_TB2 355744 | 43.79 -1.57 0.00 | 31.35 -1.11 0.00 | 26.33 -0.97 0.00 | 29.39 -0.71 0.00 | 26.22 -0.83 0.00 | 27.28 -0.92 0.00 | 25.89 -0.90 0.00 | 25.78 -0.78 0.00 | 23.03 -0.59 0.00 | 20.99 -0.53 0.00 | 23.03 -0.59 0.00 | 23.20 -0.55 0.00 | 23.59 -0.62 0.00 | 24.29 -0.68 0.00 | 23.31 -0.65 0.00 | 21.29 -0.81 0.00 | 23.10 -0.86 0.00 | 29.47 -0.94 0.00 | 38.89 -1.45 0.00 | 43.03 -1.32 0.00 | 37.77 -1.03 0.00 | 32.86 -1.07 0.00 | 28.03 -0.75 0.00 | 29.84 -0.84 0.00 |
| HOWARD_WT_PWR 323690 | 44.77 -0.59 0.00 | 32.08 -0.39 0.00 | 26.84 -0.47 0.00 | 29.76 -0.34 0.00 | 26.74 -0.31 0.00 | 27.82 -0.37 0.00 | 26.35 -0.44 0.00 | 26.02 -0.53 0.00 | 23.06 -0.57 0.00 | 20.86 -0.66 0.00 | 22.89 -0.72 0.00 | 23.02 -0.74 0.00 | 23.48 -0.73 0.00 | 24.25 -0.72 0.00 | 23.25 -0.70 0.00 | 21.34 -0.77 0.00 | 23.26 -0.69 0.00 | 29.68 -0.73 0.00 | 39.56 -0.78 0.00 | 44.11 -0.24 0.00 | 38.88 0.08 0.00 | 33.88 -0.05 0.00 | 28.78 0.00 0.00 | 30.57 -0.11 0.00 |
| HQ_GEN_CEDARS 23644 | 46.88 1.52 0.00 | 33.39 0.92 0.00 | 27.88 0.58 0.00 | 30.69 0.59 0.00 | 27.67 0.63 0.00 | 29.02 0.83 0.00 | 27.47 0.67 0.00 | 27.20 0.64 0.00 | 24.15 0.53 0.00 | 21.98 0.45 0.00 | 24.11 0.49 0.00 | 24.24 0.49 0.00 | 24.66 0.45 0.00 | 25.36 0.40 0.00 | 24.30 0.34 0.00 | 22.42 0.32 0.00 | 24.30 0.34 0.00 | 31.03 0.62 0.00 | 41.37 1.03 0.00 | 45.70 1.35 0.00 | 39.72 0.92 0.00 | 34.70 0.77 0.00 | 29.34 0.56 0.00 | 31.39 0.71 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 46.88 1.52 0.00 | 33.39 0.92 0.00 | 27.88 0.58 0.00 | 30.69 0.59 0.00 | 27.67 0.63 0.00 | 29.02 0.83 0.00 | 27.46 0.67 0.00 | 27.20 0.64 0.00 | 24.15 0.53 0.00 | 21.98 0.45 0.00 | 24.11 0.49 0.00 | 24.24 0.49 0.00 | 24.66 0.44 0.00 | 25.36 0.39 0.00 | 24.30 0.34 0.00 | 22.42 0.32 0.00 | 24.30 0.34 0.00 | 31.03 0.62 0.00 | 41.37 1.03 0.00 | 45.70 1.34 0.00 | 39.72 0.92 0.00 | 34.70 0.77 0.00 | 29.34 0.56 0.00 | 31.39 0.71 0.00 |

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| HQ_GEN_IMPORT 323601 | 45.91 0.54 0.00 | 32.71 0.25 0.00 | 27.50 0.20 0.00 | 30.32 0.22 0.00 | 27.29 0.24 0.00 | 28.47 0.28 0.00 | 27.02 0.23 0.00 | 26.78 0.22 0.00 | 23.82 0.20 0.00 | 21.71 0.19 0.00 | 23.81 0.20 0.00 | 23.95 0.19 0.00 | 24.39 0.17 0.00 | 25.13 0.16 0.00 | 24.11 0.14 0.00 | 22.24 0.13 0.00 | 24.09 0.14 0.00 | 30.65 0.24 0.00 | 40.70 0.36 0.00 | 44.81 0.45 0.00 | 38.91 0.11 0.00 | 34.03 0.10 0.00 | 28.86 0.08 0.00 | 30.92 0.24 0.00 |
| HQ_GEN_WHEEL 23651 | 45.91 0.54 0.00 | 32.71 0.25 0.00 | 27.50 0.20 0.00 | 30.32 0.22 0.00 | 27.29 0.24 0.00 | 28.47 0.28 0.00 | 27.02 0.23 0.00 | 26.78 0.22 0.00 | 23.82 0.20 0.00 | 21.71 0.19 0.00 | 23.81 0.20 0.00 | 23.95 0.19 0.00 | 24.39 0.17 0.00 | 25.13 0.16 0.00 | 24.11 0.14 0.00 | 22.24 0.13 0.00 | 24.09 0.14 0.00 | 30.65 0.24 0.00 | 40.70 0.36 0.00 | 44.81 0.45 0.00 | 38.91 0.11 0.00 | 34.03 0.10 0.00 | 28.86 0.08 0.00 | 30.92 0.24 0.00 |
| HUDSON AVE_GT_3 23810 | 47.24 1.88 0.00 | 36.08 1.40 -2.21 | 31.52 1.06 -3.16 | 31.20 1.10 0.00 | 28.01 0.97 0.00 | 29.16 0.97 0.00 | 27.89 1.10 0.00 | 27.79 1.23 0.00 | 26.07 1.26 -1.19 | 24.75 1.24 -1.99 | 26.57 1.50 -1.45 | 25.45 1.69 0.00 | 26.03 1.82 0.00 | 26.85 1.88 0.00 | 25.76 1.80 0.00 | 23.81 1.70 0.00 | 25.59 1.64 0.00 | 32.15 1.74 0.00 | 42.32 1.97 0.00 | 46.19 1.83 0.00 | 40.89 2.10 0.00 | 35.83 1.90 0.00 | 30.48 1.70 0.00 | 32.26 1.57 0.00 |
| HUDSON AVE_GT_4 23540 | 47.24 1.88 0.00 | 36.08 1.40 -2.21 | 31.52 1.06 -3.16 | 31.20 1.10 0.00 | 28.01 0.97 0.00 | 29.16 0.97 0.00 | 27.89 1.10 0.00 | 27.79 1.23 0.00 | 26.07 1.26 -1.19 | 24.75 1.24 -1.99 | 26.57 1.50 -1.45 | 25.45 1.69 0.00 | 26.03 1.82 0.00 | 26.85 1.88 0.00 | 25.76 1.80 0.00 | 23.81 1.70 0.00 | 25.59 1.64 0.00 | 32.15 1.74 0.00 | 42.32 1.97 0.00 | 46.19 1.83 0.00 | 40.89 2.10 0.00 | 35.83 1.90 0.00 | 30.48 1.70 0.00 | 32.26 1.57 0.00 |
| HUDSON AVE_GT_5 23657 | 47.24 1.88 0.00 | 36.08 1.40 -2.21 | 31.52 1.06 -3.16 | 31.20 1.10 0.00 | 28.01 0.97 0.00 | 29.16 0.97 0.00 | 27.89 1.10 0.00 | 27.79 1.23 0.00 | 26.07 1.26 -1.19 | 24.75 1.24 -1.99 | 26.57 1.50 -1.45 | 25.45 1.69 0.00 | 26.03 1.82 0.00 | 26.85 1.88 0.00 | 25.76 1.80 0.00 | 23.81 1.70 0.00 | 25.59 1.64 0.00 | 32.15 1.74 0.00 | 42.32 1.97 0.00 | 46.19 1.83 0.00 | 40.89 2.10 0.00 | 35.83 1.90 0.00 | 30.48 1.70 0.00 | 32.26 1.57 0.00 |
| HUDSON_AVE_10 24168 | 47.14 1.78 0.00 | 36.00 1.33 -2.21 | 31.46 1.00 -3.16 | 31.12 1.02 0.00 | 27.95 0.90 0.00 | 29.08 0.88 0.00 | 27.83 1.04 0.00 | 27.72 1.16 0.00 | 26.00 1.19 -1.19 | 24.69 1.17 -1.99 | 26.49 1.43 -1.45 | 25.38 1.63 0.00 | 25.96 1.75 0.00 | 26.75 1.79 0.00 | 25.68 1.72 0.00 | 23.73 1.63 0.00 | 25.51 1.56 0.00 | 32.04 1.63 0.00 | 42.18 1.85 0.00 | 46.03 1.68 0.00 | 40.72 1.92 0.00 | 35.67 1.74 0.00 | 30.37 1.59 0.00 | 32.12 1.44 0.00 |
| HUDSON___115KV_TB 4 355613 | 46.64 1.28 0.00 | 33.86 1.08 -0.31 | 28.63 0.88 -0.44 | 31.03 0.93 0.00 | 27.77 0.72 0.00 | 28.91 0.72 0.00 | 27.51 0.72 0.00 | 27.22 0.66 0.00 | 24.22 0.43 -0.17 | 22.14 0.34 -0.28 | 24.14 0.32 -0.20 | 24.05 0.29 0.00 | 24.55 0.35 0.00 | 25.34 0.37 0.00 | 24.32 0.36 0.00 | 22.39 0.29 0.00 | 24.34 0.38 0.00 | 30.89 0.48 0.00 | 41.08 0.75 0.00 | 45.36 1.00 0.00 | 40.10 1.30 0.00 | 35.15 1.22 0.00 | 29.78 1.00 0.00 | 31.51 0.83 0.00 |
| HUNTER MOUNT___DRP 323613 | 46.80 1.44 0.00 | 33.66 1.20 0.00 | 28.29 0.98 0.00 | 31.14 1.03 0.00 | 27.87 0.83 0.00 | 29.03 0.83 0.00 | 27.61 0.81 0.00 | 27.31 0.75 0.00 | 24.13 0.51 0.00 | 21.91 0.39 0.00 | 23.97 0.35 0.00 | 24.07 0.31 0.00 | 24.57 0.36 0.00 | 25.36 0.39 0.00 | 24.34 0.38 0.00 | 22.43 0.32 0.00 | 24.40 0.45 0.00 | 31.03 0.62 0.00 | 41.30 0.96 0.00 | 45.61 1.26 0.00 | 40.28 1.48 0.00 | 35.30 1.37 0.00 | 29.91 1.12 0.00 | 31.63 0.94 0.00 |
| HUNTINGTON_RES_REC 323705 | 47.83 2.46 0.00 | 36.36 1.70 -2.20 | 31.56 1.11 -3.15 | 31.23 1.13 0.00 | 28.08 1.04 0.00 | 29.24 1.05 0.00 | 28.17 1.38 0.00 | 28.07 1.52 0.00 | 26.31 1.51 -1.19 | 24.93 1.43 -1.98 | 35.33 1.92 -9.80 | 26.53 2.00 -0.77 | 26.26 2.05 0.00 | 27.02 2.06 0.00 | 25.88 1.92 0.00 | 23.90 1.80 0.00 | 25.62 1.67 0.00 | 32.08 1.68 0.00 | 42.44 2.10 0.00 | 45.84 1.49 0.00 | 40.75 1.95 0.00 | 35.51 1.58 0.00 | 30.08 1.30 0.00 | 31.89 1.20 0.00 |
| HUNTLEY___63 23557 | 43.56 -1.81 0.00 | 31.24 -1.23 0.00 | 26.16 -1.14 0.00 | 29.27 -0.83 0.00 | 26.09 -0.96 0.00 | 27.02 -1.17 0.00 | 25.41 -1.38 0.00 | 25.36 -1.19 0.00 | 22.70 -0.92 0.00 | 20.70 -0.82 0.00 | 22.87 -0.74 0.00 | 23.01 -0.75 0.00 | 23.46 -0.75 0.00 | 24.12 -0.85 0.00 | 23.11 -0.85 0.00 | 21.06 -1.05 0.00 | 22.98 -0.97 0.00 | 29.47 -0.94 0.00 | 38.85 -1.49 0.00 | 42.99 -1.36 0.00 | 37.61 -1.19 0.00 | 32.66 -1.27 0.00 | 27.88 -0.90 0.00 | 29.68 -1.00 0.00 |
| HUNTLEY___64 23558 | 43.56 -1.81 0.00 | 31.24 -1.23 0.00 | 26.16 -1.14 0.00 | 29.27 -0.83 0.00 | 26.09 -0.96 0.00 | 27.02 -1.17 0.00 | 25.41 -1.38 0.00 | 25.36 -1.19 0.00 | 22.70 -0.92 0.00 | 20.70 -0.82 0.00 | 22.87 -0.74 0.00 | 23.01 -0.75 0.00 | 23.46 -0.75 0.00 | 24.12 -0.85 0.00 | 23.11 -0.85 0.00 | 21.06 -1.05 0.00 | 22.98 -0.97 0.00 | 29.47 -0.94 0.00 | 38.85 -1.49 0.00 | 42.99 -1.36 0.00 | 37.61 -1.19 0.00 | 32.66 -1.27 0.00 | 27.88 -0.90 0.00 | 29.68 -1.00 0.00 |
| HUNTLEY___65 23559 | 43.56 -1.81 0.00 | 31.24 -1.23 0.00 | 26.16 -1.14 0.00 | 29.27 -0.83 0.00 | 26.09 -0.96 0.00 | 27.02 -1.17 0.00 | 25.41 -1.38 0.00 | 25.36 -1.19 0.00 | 22.70 -0.92 0.00 | 20.70 -0.82 0.00 | 22.87 -0.74 0.00 | 23.01 -0.75 0.00 | 23.46 -0.75 0.00 | 24.12 -0.85 0.00 | 23.11 -0.85 0.00 | 21.06 -1.05 0.00 | 22.98 -0.97 0.00 | 29.47 -0.94 0.00 | 38.85 -1.49 0.00 | 42.99 -1.36 0.00 | 37.61 -1.19 0.00 | 32.66 -1.27 0.00 | 27.88 -0.90 0.00 | 29.68 -1.00 0.00 |
| HUNTLEY___66 23560 | 43.56 -1.81 0.00 | 31.24 -1.23 0.00 | 26.16 -1.14 0.00 | 29.27 -0.83 0.00 | 26.09 -0.96 0.00 | 27.02 -1.17 0.00 | 25.41 -1.38 0.00 | 25.36 -1.19 0.00 | 22.70 -0.92 0.00 | 20.70 -0.82 0.00 | 22.87 -0.74 0.00 | 23.01 -0.75 0.00 | 23.46 -0.75 0.00 | 24.12 -0.85 0.00 | 23.11 -0.85 0.00 | 21.06 -1.05 0.00 | 22.98 -0.97 0.00 | 29.47 -0.94 0.00 | 38.85 -1.49 0.00 | 42.99 -1.36 0.00 | 37.61 -1.19 0.00 | 32.66 -1.27 0.00 | 27.88 -0.90 0.00 | 29.68 -1.00 0.00 |
| HUNTLEY___67 23561 | 43.30 -2.07 0.00 | 31.06 -1.41 0.00 | 26.03 -1.27 0.00 | 29.11 -0.99 0.00 | 25.95 -1.10 0.00 | 26.89 -1.31 0.00 | 25.30 -1.50 0.00 | 25.24 -1.32 0.00 | 22.58 -1.04 0.00 | 20.59 -0.93 0.00 | 22.75 -0.87 0.00 | 22.87 -0.88 0.00 | 23.31 -0.90 0.00 | 23.96 -1.00 0.00 | 22.95 -1.02 0.00 | 20.92 -1.19 0.00 | 22.80 -1.15 0.00 | 29.20 -1.21 0.00 | 38.49 -1.84 0.00 | 42.59 -1.76 0.00 | 37.27 -1.52 0.00 | 32.39 -1.54 0.00 | 27.65 -1.13 0.00 | 29.45 -1.23 0.00 |
| HUNTLEY___68 23562 | 43.30 -2.07 0.00 | 31.06 -1.41 0.00 | 26.03 -1.27 0.00 | 29.11 -0.99 0.00 | 25.95 -1.10 0.00 | 26.89 -1.31 0.00 | 25.30 -1.50 0.00 | 25.24 -1.32 0.00 | 22.58 -1.04 0.00 | 20.59 -0.93 0.00 | 22.75 -0.87 0.00 | 22.87 -0.88 0.00 | 23.31 -0.90 0.00 | 23.96 -1.00 0.00 | 22.95 -1.02 0.00 | 20.92 -1.19 0.00 | 22.80 -1.15 0.00 | 29.20 -1.21 0.00 | 38.49 -1.84 0.00 | 42.59 -1.76 0.00 | 37.27 -1.52 0.00 | 32.39 -1.54 0.00 | 27.65 -1.13 0.00 | 29.45 -1.23 0.00 |

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| HYLAND___LFGE 323620 | 46.40 1.04 0.00 | 33.19 0.72 0.00 | 27.80 0.49 0.00 | 30.86 0.76 0.00 | 27.62 0.57 0.00 | 28.74 0.55 0.00 | 27.22 0.43 0.00 | 26.86 0.30 0.00 | 23.47 -0.15 0.00 | 21.18 -0.34 0.00 | 23.30 -0.31 0.00 | 23.45 -0.31 0.00 | 23.89 -0.32 0.00 | 24.65 -0.31 0.00 | 23.63 -0.33 0.00 | 21.72 -0.39 0.00 | 23.69 -0.27 0.00 | 30.31 -0.09 0.00 | 40.31 -0.03 0.00 | 45.30 0.94 0.00 | 40.42 1.62 0.00 | 35.30 1.38 0.00 | 29.93 1.15 0.00 | 31.71 1.02 0.00 |
| INDECK___CORINTH 23802 | 46.68 1.32 0.00 | 34.04 1.25 -0.33 | 28.73 0.95 -0.48 | 31.07 0.97 0.00 | 27.90 0.85 0.00 | 29.07 0.88 0.00 | 27.65 0.85 0.00 | 27.35 0.79 0.00 | 24.33 0.53 -0.18 | 22.24 0.41 -0.30 | 24.06 0.22 -0.22 | 23.91 0.15 0.00 | 24.38 0.17 0.00 | 25.13 0.16 0.00 | 24.15 0.18 0.00 | 22.35 0.24 0.00 | 24.32 0.37 0.00 | 31.09 0.68 0.00 | 41.72 1.38 0.00 | 45.89 1.53 0.00 | 40.59 1.79 0.00 | 35.54 1.61 0.00 | 30.08 1.29 0.00 | 31.90 1.22 0.00 |
| INDECK___ILION 23567 | 45.33 -0.03 0.00 | 32.58 0.11 0.00 | 27.39 0.09 0.00 | 30.17 0.06 0.00 | 27.07 0.03 0.00 | 28.22 0.02 0.00 | 26.84 0.05 0.00 | 26.53 -0.02 0.00 | 23.45 -0.17 0.00 | 21.31 -0.21 0.00 | 23.35 -0.27 0.00 | 23.51 -0.25 0.00 | 23.96 -0.25 0.00 | 24.73 -0.24 0.00 | 23.72 -0.24 0.00 | 21.91 -0.20 0.00 | 23.76 -0.19 0.00 | 30.22 -0.19 0.00 | 40.26 -0.07 0.00 | 44.39 0.03 0.00 | 39.11 0.31 0.00 | 34.28 0.34 0.00 | 29.08 0.29 0.00 | 30.85 0.16 0.00 |
| INDECK___OLEAN 23982 | 43.78 -1.58 0.00 | 31.35 -1.11 0.00 | 26.33 -0.97 0.00 | 29.39 -0.71 0.00 | 26.22 -0.83 0.00 | 27.29 -0.90 0.00 | 25.95 -0.85 0.00 | 25.82 -0.74 0.00 | 23.05 -0.57 0.00 | 20.99 -0.53 0.00 | 23.03 -0.59 0.00 | 23.20 -0.56 0.00 | 23.59 -0.62 0.00 | 24.35 -0.62 0.00 | 23.31 -0.65 0.00 | 21.29 -0.81 0.00 | 23.10 -0.86 0.00 | 29.46 -0.95 0.00 | 38.89 -1.45 0.00 | 43.03 -1.32 0.00 | 37.77 -1.03 0.00 | 32.85 -1.08 0.00 | 28.04 -0.74 0.00 | 29.84 -0.84 0.00 |
| INDECK___OSWEGO 23783 | 44.06 -1.30 0.00 | 31.58 -0.88 0.00 | 26.59 -0.72 0.00 | 29.34 -0.77 0.00 | 26.32 -0.72 0.00 | 27.39 -0.80 0.00 | 26.00 -0.79 0.00 | 25.76 -0.80 0.00 | 22.87 -0.75 0.00 | 20.83 -0.70 0.00 | 22.84 -0.78 0.00 | 22.95 -0.80 0.00 | 23.37 -0.85 0.00 | 24.14 -0.83 0.00 | 23.18 -0.79 0.00 | 21.39 -0.72 0.00 | 23.18 -0.77 0.00 | 29.47 -0.93 0.00 | 39.17 -1.16 0.00 | 43.15 -1.21 0.00 | 37.84 -0.96 0.00 | 33.02 -0.91 0.00 | 28.00 -0.78 0.00 | 29.77 -0.91 0.00 |
| INDECK___YERKES 23781 | 43.60 -1.77 0.00 | 31.27 -1.20 0.00 | 26.19 -1.11 0.00 | 29.30 -0.80 0.00 | 26.11 -0.93 0.00 | 27.07 -1.12 0.00 | 25.50 -1.29 0.00 | 25.43 -1.13 0.00 | 22.75 -0.87 0.00 | 20.73 -0.80 0.00 | 22.90 -0.71 0.00 | 23.03 -0.73 0.00 | 23.48 -0.73 0.00 | 24.21 -0.75 0.00 | 23.14 -0.82 0.00 | 21.09 -1.02 0.00 | 23.01 -0.94 0.00 | 29.50 -0.90 0.00 | 38.90 -1.44 0.00 | 43.05 -1.30 0.00 | 37.65 -1.15 0.00 | 32.69 -1.24 0.00 | 27.93 -0.86 0.00 | 29.72 -0.96 0.00 |
| INDIAN POINT_GT_1 24139 | 46.68 1.32 0.00 | 35.89 1.01 -2.42 | 31.50 0.74 -3.46 | 30.85 0.75 0.00 | 27.70 0.65 0.00 | 28.84 0.65 0.00 | 27.56 0.77 0.00 | 27.44 0.88 0.00 | 25.84 0.91 -1.30 | 24.60 0.90 -2.17 | 26.31 1.11 -1.58 | 25.01 1.25 0.00 | 25.58 1.37 0.00 | 26.39 1.43 0.00 | 25.32 1.36 0.00 | 23.40 1.29 0.00 | 25.20 1.25 0.00 | 31.71 1.30 0.00 | 41.78 1.44 0.00 | 45.67 1.31 0.00 | 40.39 1.59 0.00 | 35.37 1.44 0.00 | 30.05 1.27 0.00 | 31.81 1.12 0.00 |
| INDIAN POINT_GT_2 23659 | 46.68 1.32 0.00 | 35.89 1.01 -2.42 | 31.50 0.74 -3.46 | 30.85 0.75 0.00 | 27.70 0.65 0.00 | 28.84 0.65 0.00 | 27.56 0.77 0.00 | 27.44 0.88 0.00 | 25.84 0.91 -1.30 | 24.60 0.90 -2.17 | 26.31 1.11 -1.58 | 25.01 1.25 0.00 | 25.58 1.37 0.00 | 26.39 1.43 0.00 | 25.32 1.36 0.00 | 23.40 1.29 0.00 | 25.20 1.25 0.00 | 31.71 1.30 0.00 | 41.78 1.44 0.00 | 45.67 1.31 0.00 | 40.39 1.59 0.00 | 35.37 1.44 0.00 | 30.05 1.27 0.00 | 31.81 1.12 0.00 |
| INDIAN POINT_GT_3 24019 | 46.68 1.32 0.00 | 35.89 1.01 -2.42 | 31.50 0.74 -3.46 | 30.85 0.75 0.00 | 27.70 0.65 0.00 | 28.84 0.65 0.00 | 27.56 0.77 0.00 | 27.44 0.88 0.00 | 25.84 0.91 -1.30 | 24.60 0.90 -2.17 | 26.31 1.11 -1.58 | 25.01 1.25 0.00 | 25.58 1.37 0.00 | 26.39 1.43 0.00 | 25.32 1.36 0.00 | 23.40 1.29 0.00 | 25.20 1.25 0.00 | 31.71 1.30 0.00 | 41.78 1.44 0.00 | 45.67 1.31 0.00 | 40.39 1.59 0.00 | 35.37 1.44 0.00 | 30.05 1.27 0.00 | 31.81 1.12 0.00 |
| INDIAN POINT___2 23530 | 46.63 1.27 0.00 | 36.72 0.96 -3.30 | 32.71 0.69 -4.71 | 30.81 0.71 0.00 | 27.66 0.62 0.00 | 28.79 0.60 0.00 | 27.51 0.72 0.00 | 27.40 0.84 0.00 | 26.28 0.88 -1.78 | 25.36 0.87 -2.96 | 26.84 1.07 -2.16 | 24.98 1.22 0.00 | 25.55 1.34 0.00 | 26.35 1.39 0.00 | 25.29 1.33 0.00 | 23.37 1.26 0.00 | 25.16 1.21 0.00 | 31.66 1.25 0.00 | 41.71 1.37 0.00 | 45.58 1.22 0.00 | 40.32 1.52 0.00 | 35.31 1.38 0.00 | 29.99 1.21 0.00 | 31.76 1.07 0.00 |
| INDIAN POINT___3 23531 | 46.63 1.26 0.00 | 35.93 0.97 -2.49 | 31.58 0.72 -3.56 | 30.83 0.73 0.00 | 27.68 0.63 0.00 | 28.82 0.63 0.00 | 27.54 0.74 0.00 | 27.41 0.85 0.00 | 25.85 0.89 -1.34 | 24.63 0.87 -2.23 | 26.31 1.07 -1.63 | 24.97 1.21 0.00 | 25.54 1.33 0.00 | 26.35 1.38 0.00 | 25.27 1.31 0.00 | 23.35 1.24 0.00 | 25.14 1.20 0.00 | 31.65 1.24 0.00 | 41.70 1.36 0.00 | 45.58 1.22 0.00 | 40.32 1.52 0.00 | 35.31 1.38 0.00 | 30.00 1.22 0.00 | 31.76 1.07 0.00 |
| INGHAM_C_115KV_TB7 356103 | 45.18 -0.19 0.00 | 32.57 0.10 0.00 | 27.39 0.08 0.00 | 30.11 0.00 0.00 | 26.99 -0.06 0.00 | 28.15 -0.05 0.00 | 26.77 -0.02 0.00 | 26.37 -0.19 0.00 | 23.10 -0.52 0.00 | 20.90 -0.63 0.00 | 22.85 -0.77 0.00 | 23.03 -0.72 0.00 | 23.46 -0.75 0.00 | 24.26 -0.70 0.00 | 23.23 -0.73 0.00 | 21.50 -0.61 0.00 | 23.32 -0.63 0.00 | 29.78 -0.63 0.00 | 39.96 -0.38 0.00 | 44.25 -0.10 0.00 | 39.32 0.52 0.00 | 34.56 0.63 0.00 | 29.33 0.55 0.00 | 30.99 0.31 0.00 |
| IP CORINTH___1 23988 | 46.93 1.57 0.00 | 34.21 1.41 -0.33 | 28.87 1.09 -0.48 | 31.22 1.12 0.00 | 28.04 0.99 0.00 | 29.22 1.03 0.00 | 27.79 1.00 0.00 | 27.49 0.94 0.00 | 24.45 0.65 -0.18 | 22.35 0.52 -0.30 | 24.18 0.34 -0.22 | 24.03 0.27 0.00 | 24.50 0.29 0.00 | 25.27 0.30 0.00 | 24.27 0.31 0.00 | 22.46 0.36 0.00 | 24.45 0.50 0.00 | 31.26 0.85 0.00 | 41.94 1.60 0.00 | 46.15 1.79 0.00 | 40.81 2.01 0.00 | 35.72 1.79 0.00 | 30.24 1.45 0.00 | 32.07 1.38 0.00 |
| IP___TICONDEROGA 23804 | 49.39 4.03 0.00 | 36.16 3.36 -0.34 | 30.31 2.52 -0.48 | 32.79 2.69 0.00 | 29.48 2.43 0.00 | 30.72 2.53 0.00 | 29.13 2.33 0.00 | 28.67 2.11 0.00 | 25.35 1.55 -0.18 | 23.17 1.34 -0.30 | 25.21 1.38 -0.22 | 24.96 1.21 0.00 | 25.48 1.27 0.00 | 26.27 1.30 0.00 | 25.20 1.24 0.00 | 23.40 1.29 0.00 | 25.60 1.65 0.00 | 32.89 2.48 0.00 | 43.91 3.58 0.00 | 48.49 4.13 0.00 | 43.19 4.39 0.00 | 37.82 3.89 0.00 | 31.96 3.18 0.00 | 33.90 3.21 0.00 |
| ISLIP_RES_REC 323679 | 48.28 2.92 0.00 | 36.64 1.97 -2.20 | 31.74 1.28 -3.15 | 31.42 1.32 0.00 | 28.26 1.22 0.00 | 29.44 1.24 0.00 | 28.45 1.66 0.00 | 28.36 1.80 0.00 | 26.59 1.78 -1.19 | 25.19 1.69 -1.98 | 35.59 2.17 -9.80 | 26.71 2.18 -0.77 | 26.46 2.25 0.00 | 27.20 2.24 0.00 | 26.06 2.10 0.00 | 24.10 2.00 0.00 | 25.82 1.87 0.00 | 32.35 1.94 0.00 | 42.76 2.42 0.00 | 46.18 1.82 0.00 | 41.10 2.30 0.00 | 35.77 1.84 0.00 | 30.27 1.49 0.00 | 32.02 1.33 0.00 |

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| JAMAICA__27_KV_LOAD 355505 | 47.51 2.15 0.00 | 36.28 1.60 -2.21 | 31.70 1.23 -3.16 | 31.36 1.27 0.00 | 28.15 1.11 0.00 | 29.29 1.10 0.00 | 28.05 1.26 0.00 | 27.93 1.37 0.00 | 26.17 1.36 -1.19 | 24.84 1.33 -1.99 | 26.62 1.56 -1.45 | 25.55 1.79 0.00 | 26.12 1.91 0.00 | 26.90 1.93 0.00 | 25.83 1.87 0.00 | 23.87 1.77 0.00 | 25.65 1.70 0.00 | 32.24 1.83 0.00 | 42.46 2.12 0.00 | 46.34 1.99 0.00 | 40.97 2.17 0.00 | 35.83 1.90 0.00 | 30.58 1.80 0.00 | 32.30 1.62 0.00 |
| JANIS__SOLAR 323808 | 46.34 0.98 0.00 | 33.08 0.61 0.00 | 27.75 0.44 0.00 | 30.66 0.56 0.00 | 27.56 0.52 0.00 | 28.81 0.62 0.00 | 27.36 0.56 0.00 | 27.00 0.44 0.00 | 23.78 0.16 0.00 | 21.51 -0.02 0.00 | 23.51 -0.10 0.00 | 23.65 -0.11 0.00 | 24.10 -0.11 0.00 | 24.84 -0.12 0.00 | 23.88 -0.08 0.00 | 22.08 -0.02 0.00 | 24.04 0.09 0.00 | 30.83 0.43 0.00 | 41.25 0.92 0.00 | 45.87 1.51 0.00 | 40.38 1.58 0.00 | 35.23 1.30 0.00 | 29.81 1.03 0.00 | 31.60 0.92 0.00 |
| JARVIS____ 23743 | 45.33 -0.03 0.00 | 32.50 0.03 0.00 | 27.33 0.03 0.00 | 30.13 0.03 0.00 | 27.05 0.00 0.00 | 28.19 0.00 0.00 | 26.82 0.03 0.00 | 26.57 0.01 0.00 | 23.62 0.00 0.00 | 21.52 0.00 0.00 | 23.60 -0.02 0.00 | 23.74 -0.02 0.00 | 24.21 0.00 0.00 | 24.96 0.00 0.00 | 23.96 0.00 0.00 | 22.11 0.00 0.00 | 23.95 0.00 0.00 | 30.39 -0.02 0.00 | 40.32 -0.02 0.00 | 44.33 -0.03 0.00 | 38.87 0.08 0.00 | 33.99 0.07 0.00 | 28.84 0.05 0.00 | 30.69 0.00 0.00 |
| JENNISON____1 23625 | 46.38 1.01 0.00 | 32.69 0.49 0.27 | 27.18 0.26 0.38 | 30.46 0.36 0.00 | 27.45 0.41 0.00 | 28.89 0.69 0.00 | 27.41 0.62 0.00 | 27.12 0.56 0.00 | 23.94 0.47 0.14 | 21.66 0.37 0.24 | 23.82 0.38 0.17 | 24.17 0.41 0.00 | 24.62 0.41 0.00 | 25.39 0.42 0.00 | 24.42 0.45 0.00 | 22.59 0.48 0.00 | 24.56 0.61 0.00 | 31.37 0.97 0.00 | 41.81 1.47 0.00 | 46.12 1.77 0.00 | 40.52 1.72 0.00 | 35.34 1.41 0.00 | 29.90 1.12 0.00 | 31.72 1.04 0.00 |
| JENNISON____2 23626 | 46.38 1.01 0.00 | 32.69 0.49 0.27 | 27.18 0.26 0.38 | 30.46 0.36 0.00 | 27.45 0.41 0.00 | 28.89 0.69 0.00 | 27.41 0.62 0.00 | 27.12 0.56 0.00 | 23.94 0.47 0.14 | 21.66 0.37 0.24 | 23.82 0.38 0.17 | 24.17 0.41 0.00 | 24.62 0.41 0.00 | 25.39 0.42 0.00 | 24.42 0.45 0.00 | 22.59 0.48 0.00 | 24.56 0.61 0.00 | 31.37 0.97 0.00 | 41.81 1.47 0.00 | 46.12 1.77 0.00 | 40.52 1.72 0.00 | 35.34 1.41 0.00 | 29.90 1.12 0.00 | 31.72 1.04 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 46.53 1.16 0.00 | 33.12 0.66 0.00 | 27.75 0.45 0.00 | 30.60 0.51 0.00 | 27.54 0.49 0.00 | 28.66 0.47 0.00 | 27.16 0.36 0.00 | 26.90 0.34 0.00 | 23.93 0.31 0.00 | 21.78 0.25 0.00 | 23.84 0.22 0.00 | 23.93 0.17 0.00 | 24.29 0.07 0.00 | 24.98 0.01 0.00 | 23.93 -0.03 0.00 | 22.11 0.00 0.00 | 23.91 -0.04 0.00 | 30.56 0.15 0.00 | 40.87 0.53 0.00 | 45.13 0.77 0.00 | 39.14 0.34 0.00 | 34.06 0.13 0.00 | 28.71 -0.07 0.00 | 30.60 -0.08 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 46.84 1.47 0.00 | 34.85 1.14 -1.25 | 29.94 0.86 -1.78 | 30.99 0.89 0.00 | 27.82 0.78 0.00 | 28.95 0.76 0.00 | 27.67 0.87 0.00 | 27.55 0.99 0.00 | 25.29 1.00 -0.67 | 23.63 0.99 -1.12 | 25.62 1.19 -0.82 | 25.08 1.33 0.00 | 25.64 1.43 0.00 | 26.46 1.49 0.00 | 25.39 1.43 0.00 | 23.48 1.38 0.00 | 25.31 1.36 0.00 | 31.88 1.47 0.00 | 42.02 1.68 0.00 | 45.92 1.57 0.00 | 40.60 1.80 0.00 | 35.56 1.63 0.00 | 30.18 1.40 0.00 | 31.92 1.24 0.00 |
| KCE_NY_1 323755 | 46.97 1.61 0.00 | 34.17 1.36 -0.34 | 28.88 1.09 -0.48 | 31.26 1.16 0.00 | 28.06 1.02 0.00 | 29.24 1.05 0.00 | 27.81 1.02 0.00 | 27.53 0.97 0.00 | 24.55 0.74 -0.18 | 22.44 0.61 -0.30 | 24.41 0.57 -0.22 | 24.27 0.51 0.00 | 24.78 0.57 0.00 | 25.55 0.58 0.00 | 24.55 0.59 0.00 | 22.71 0.61 0.00 | 24.72 0.77 0.00 | 31.49 1.08 0.00 | 41.90 1.56 0.00 | 46.10 1.74 0.00 | 40.64 1.84 0.00 | 35.58 1.66 0.00 | 30.16 1.38 0.00 | 32.01 1.32 0.00 |
| KCE_NY_6_ESR 323823 | 43.75 -1.62 0.00 | 31.37 -1.10 0.00 | 26.29 -1.01 0.00 | 29.37 -0.73 0.00 | 26.17 -0.87 0.00 | 27.16 -1.03 0.00 | 25.61 -1.18 0.00 | 25.53 -1.03 0.00 | 22.83 -0.80 0.00 | 20.78 -0.74 0.00 | 22.95 -0.66 0.00 | 23.08 -0.68 0.00 | 23.54 -0.67 0.00 | 24.28 -0.69 0.00 | 23.21 -0.75 0.00 | 21.17 -0.93 0.00 | 23.07 -0.88 0.00 | 29.55 -0.85 0.00 | 39.02 -1.32 0.00 | 43.15 -1.21 0.00 | 37.77 -1.03 0.00 | 32.82 -1.11 0.00 | 28.00 -0.78 0.00 | 29.80 -0.89 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 48.00 2.64 0.00 | 36.47 1.80 -2.20 | 31.61 1.16 -3.15 | 31.28 1.18 0.00 | 28.14 1.09 0.00 | 29.30 1.11 0.00 | 28.31 1.52 0.00 | 28.23 1.67 0.00 | 26.46 1.65 -1.19 | 25.07 1.56 -1.98 | 35.44 2.03 -9.80 | 26.56 2.03 -0.77 | 26.30 2.09 0.00 | 27.03 2.07 0.00 | 25.90 1.94 0.00 | 23.93 1.83 0.00 | 25.64 1.69 0.00 | 32.09 1.68 0.00 | 42.24 1.90 0.00 | 45.64 1.29 0.00 | 40.80 2.00 0.00 | 35.53 1.60 0.00 | 30.10 1.31 0.00 | 31.85 1.16 0.00 |
| KEDC PORT_JEFF_GT3 24211 | 48.00 2.64 0.00 | 36.47 1.80 -2.20 | 31.61 1.16 -3.15 | 31.28 1.18 0.00 | 28.14 1.09 0.00 | 29.30 1.11 0.00 | 28.31 1.52 0.00 | 28.23 1.67 0.00 | 26.46 1.65 -1.19 | 25.07 1.56 -1.98 | 35.44 2.03 -9.80 | 26.56 2.03 -0.77 | 26.30 2.09 0.00 | 27.03 2.07 0.00 | 25.90 1.94 0.00 | 23.93 1.83 0.00 | 25.64 1.69 0.00 | 32.09 1.68 0.00 | 42.24 1.90 0.00 | 45.64 1.29 0.00 | 40.80 2.00 0.00 | 35.53 1.60 0.00 | 30.10 1.31 0.00 | 31.85 1.16 0.00 |
| KEDC_GLWD_GT4 24219 | 47.42 2.05 0.00 | 36.14 1.47 -2.20 | 31.52 1.06 -3.15 | 31.21 1.10 0.00 | 28.03 0.98 0.00 | 29.18 0.98 0.00 | 27.94 1.15 0.00 | 27.85 1.29 0.00 | 26.11 1.31 -1.19 | 24.77 1.27 -1.98 | 35.04 1.63 -9.80 | 26.32 1.79 -0.77 | 26.09 1.88 0.00 | 26.88 1.91 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.60 1.65 0.00 | 31.96 1.55 0.00 | 42.24 1.90 0.00 | 45.88 1.53 0.00 | 40.68 1.88 0.00 | 35.79 1.86 0.00 | 30.35 1.57 0.00 | 32.15 1.47 0.00 |
| KEDC_GLWD_GT5 24220 | 47.42 2.05 0.00 | 36.14 1.47 -2.20 | 31.52 1.06 -3.15 | 31.21 1.10 0.00 | 28.03 0.98 0.00 | 29.18 0.98 0.00 | 27.94 1.15 0.00 | 27.85 1.29 0.00 | 26.11 1.31 -1.19 | 24.77 1.27 -1.98 | 35.04 1.63 -9.80 | 26.32 1.79 -0.77 | 26.09 1.88 0.00 | 26.88 1.91 0.00 | 25.80 1.84 0.00 | 23.84 1.73 0.00 | 25.60 1.65 0.00 | 31.96 1.55 0.00 | 42.24 1.90 0.00 | 45.88 1.53 0.00 | 40.68 1.88 0.00 | 35.79 1.86 0.00 | 30.35 1.57 0.00 | 32.15 1.47 0.00 |
| KENSICO____ 23655 | 46.86 1.50 0.00 | 35.90 1.14 -2.30 | 31.44 0.85 -3.28 | 30.97 0.87 0.00 | 27.81 0.76 0.00 | 28.94 0.75 0.00 | 27.67 0.88 0.00 | 27.55 1.00 0.00 | 25.88 1.03 -1.24 | 24.59 1.01 -2.06 | 26.34 1.22 -1.50 | 25.13 1.37 0.00 | 25.70 1.49 0.00 | 26.51 1.55 0.00 | 25.44 1.47 0.00 | 23.51 1.40 0.00 | 25.30 1.35 0.00 | 31.83 1.43 0.00 | 41.93 1.60 0.00 | 45.82 1.47 0.00 | 40.53 1.73 0.00 | 35.50 1.58 0.00 | 30.17 1.38 0.00 | 31.92 1.24 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 46.81 1.44 0.00 | 33.20 1.08 0.35 | 27.62 0.81 0.50 | 30.93 0.83 0.00 | 27.78 0.73 0.00 | 28.92 0.72 0.00 | 27.61 0.81 0.00 | 27.45 0.90 0.00 | 24.32 0.89 0.19 | 22.04 0.83 0.31 | 24.34 0.95 0.23 | 24.79 1.03 0.00 | 25.33 1.12 0.00 | 26.11 1.15 0.00 | 24.93 0.97 0.00 | 23.09 0.98 0.00 | 24.97 1.02 0.00 | 31.62 1.21 0.00 | 41.85 1.50 0.00 | 45.84 1.49 0.00 | 40.73 1.93 0.00 | 35.62 1.70 0.00 | 30.20 1.41 0.00 | 31.92 1.24 0.00 |

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| KIAC_JFK_GT1 23816 | 47.24 1.88 0.00 | 36.08 1.41 -2.21 | 31.55 1.08 -3.16 | 31.20 1.10 0.00 | 28.01 0.96 0.00 | 29.14 0.95 0.00 | 27.90 1.10 0.00 | 27.78 1.23 0.00 | 26.04 1.23 -1.19 | 24.72 1.21 -1.99 | 26.50 1.43 -1.45 | 25.42 1.66 0.00 | 25.99 1.78 0.00 | 26.77 1.80 0.00 | 25.70 1.74 0.00 | 23.71 1.61 0.00 | 25.43 1.48 0.00 | 31.94 1.53 0.00 | 42.06 1.72 0.00 | 45.90 1.54 0.00 | 40.59 1.79 0.00 | 35.51 1.58 0.00 | 30.39 1.60 0.00 | 32.12 1.43 0.00 |
| KIAC_JFK_GT2 23817 | 47.24 1.88 0.00 | 36.08 1.41 -2.21 | 31.55 1.08 -3.16 | 31.20 1.10 0.00 | 28.01 0.96 0.00 | 29.14 0.95 0.00 | 27.90 1.10 0.00 | 27.78 1.23 0.00 | 26.04 1.23 -1.19 | 24.72 1.21 -1.99 | 26.50 1.43 -1.45 | 25.42 1.66 0.00 | 25.99 1.78 0.00 | 26.77 1.80 0.00 | 25.70 1.74 0.00 | 23.71 1.61 0.00 | 25.43 1.48 0.00 | 31.94 1.53 0.00 | 42.06 1.72 0.00 | 45.90 1.54 0.00 | 40.59 1.79 0.00 | 35.51 1.58 0.00 | 30.39 1.60 0.00 | 32.12 1.43 0.00 |
| KIAC_JFK____ 323774 | 47.24 1.88 0.00 | 36.08 1.41 -2.21 | 31.54 1.08 -3.16 | 31.20 1.10 0.00 | 28.00 0.96 0.00 | 29.13 0.94 0.00 | 27.88 1.09 0.00 | 27.77 1.21 0.00 | 26.04 1.23 -1.19 | 24.72 1.21 -1.99 | 26.49 1.43 -1.45 | 25.42 1.66 0.00 | 25.99 1.78 0.00 | 26.75 1.78 0.00 | 25.69 1.74 0.00 | 23.71 1.61 0.00 | 25.43 1.48 0.00 | 31.94 1.53 0.00 | 42.06 1.72 0.00 | 45.90 1.54 0.00 | 40.59 1.79 0.00 | 35.51 1.58 0.00 | 30.38 1.60 0.00 | 32.12 1.43 0.00 |
| KINTIGH__24_KV_GSU 356498 | 43.44 -1.92 0.00 | 31.16 -1.31 0.00 | 26.14 -1.17 0.00 | 29.19 -0.91 0.00 | 26.03 -1.01 0.00 | 27.02 -1.18 0.00 | 25.50 -1.29 0.00 | 25.41 -1.15 0.00 | 22.70 -0.91 0.00 | 20.69 -0.83 0.00 | 22.81 -0.80 0.00 | 22.95 -0.81 0.00 | 23.36 -0.85 0.00 | 24.08 -0.89 0.00 | 23.02 -0.94 0.00 | 21.01 -1.09 0.00 | 22.88 -1.07 0.00 | 29.29 -1.12 0.00 | 38.63 -1.71 0.00 | 42.69 -1.67 0.00 | 37.39 -1.41 0.00 | 32.50 -1.43 0.00 | 27.74 -1.04 0.00 | 29.52 -1.17 0.00 |
| KINTIGH____ 23543 | 43.41 -1.95 0.00 | 31.13 -1.34 0.00 | 26.12 -1.19 0.00 | 29.16 -0.94 0.00 | 26.01 -1.04 0.00 | 26.97 -1.22 0.00 | 25.42 -1.37 0.00 | 25.35 -1.21 0.00 | 22.66 -0.96 0.00 | 20.67 -0.86 0.00 | 22.79 -0.82 0.00 | 22.93 -0.83 0.00 | 23.34 -0.87 0.00 | 24.00 -0.96 0.00 | 23.00 -0.97 0.00 | 20.99 -1.11 0.00 | 22.87 -1.09 0.00 | 29.26 -1.14 0.00 | 38.59 -1.75 0.00 | 42.66 -1.70 0.00 | 37.36 -1.44 0.00 | 32.48 -1.45 0.00 | 27.71 -1.08 0.00 | 29.50 -1.19 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 47.15 1.79 0.00 | 33.57 1.11 0.00 | 28.10 0.80 0.00 | 30.97 0.87 0.00 | 27.87 0.82 0.00 | 28.99 0.80 0.00 | 27.50 0.71 0.00 | 27.23 0.67 0.00 | 24.18 0.56 0.00 | 21.96 0.44 0.00 | 24.05 0.43 0.00 | 24.15 0.39 0.00 | 24.53 0.32 0.00 | 25.24 0.27 0.00 | 24.19 0.23 0.00 | 22.37 0.26 0.00 | 24.15 0.20 0.00 | 30.90 0.49 0.00 | 41.42 1.09 0.00 | 45.82 1.47 0.00 | 39.83 1.04 0.00 | 34.65 0.72 0.00 | 29.20 0.41 0.00 | 31.05 0.36 0.00 |
| LACHUTE____HYDRO 323717 | 49.39 4.02 0.00 | 36.16 3.36 -0.34 | 30.31 2.52 -0.48 | 32.79 2.69 0.00 | 29.48 2.43 0.00 | 30.72 2.53 0.00 | 29.12 2.33 0.00 | 28.67 2.11 0.00 | 25.35 1.55 -0.18 | 23.17 1.34 -0.30 | 25.21 1.38 -0.22 | 24.96 1.21 0.00 | 25.48 1.27 0.00 | 26.26 1.30 0.00 | 25.20 1.24 0.00 | 23.40 1.29 0.00 | 25.60 1.65 0.00 | 32.89 2.48 0.00 | 43.91 3.58 0.00 | 48.49 4.13 0.00 | 43.18 4.39 0.00 | 37.82 3.89 0.00 | 31.96 3.18 0.00 | 33.90 3.21 0.00 |
| LAWRNCAY_115KV_TB1 80681 | 47.02 1.66 0.00 | 33.47 1.01 0.00 | 27.96 0.65 0.00 | 30.79 0.69 0.00 | 27.83 0.79 0.00 | 29.16 0.97 0.00 | 27.57 0.77 0.00 | 27.30 0.75 0.00 | 24.17 0.55 0.00 | 21.97 0.45 0.00 | 24.09 0.47 0.00 | 24.21 0.45 0.00 | 24.62 0.41 0.00 | 25.31 0.35 0.00 | 24.25 0.29 0.00 | 22.38 0.28 0.00 | 24.26 0.30 0.00 | 31.01 0.60 0.00 | 41.46 1.12 0.00 | 45.96 1.61 0.00 | 39.95 1.15 0.00 | 34.86 0.93 0.00 | 29.44 0.66 0.00 | 31.47 0.79 0.00 |
| LEDERLE____ 23769 | 46.86 1.49 0.00 | 30.65 1.11 2.92 | 23.94 0.81 4.17 | 30.94 0.84 0.00 | 27.77 0.73 0.00 | 28.93 0.73 0.00 | 27.64 0.85 0.00 | 27.52 0.96 0.00 | 23.04 1.00 1.57 | 19.88 0.97 2.62 | 22.88 1.18 1.91 | 25.10 1.34 0.00 | 25.69 1.48 0.00 | 26.52 1.55 0.00 | 25.44 1.48 0.00 | 23.51 1.40 0.00 | 25.32 1.36 0.00 | 31.87 1.46 0.00 | 41.98 1.65 0.00 | 45.88 1.53 0.00 | 40.56 1.76 0.00 | 35.49 1.56 0.00 | 30.15 1.36 0.00 | 31.91 1.23 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 45.26 -0.10 0.00 | 32.39 -0.08 0.00 | 27.23 -0.08 0.00 | 30.04 -0.06 0.00 | 26.93 -0.12 0.00 | 28.03 -0.16 0.00 | 26.58 -0.21 0.00 | 26.29 -0.27 0.00 | 23.22 -0.40 0.00 | 21.07 -0.46 0.00 | 23.10 -0.51 0.00 | 23.22 -0.54 0.00 | 23.61 -0.60 0.00 | 24.33 -0.64 0.00 | 23.31 -0.65 0.00 | 21.51 -0.60 0.00 | 23.33 -0.62 0.00 | 29.74 -0.67 0.00 | 39.79 -0.55 0.00 | 44.08 -0.28 0.00 | 38.55 -0.25 0.00 | 33.49 -0.44 0.00 | 28.37 -0.41 0.00 | 30.14 -0.54 0.00 |
| LINDEN COGEN____ 23786 | 46.91 1.54 0.00 | 35.83 1.15 -2.21 | 31.32 0.85 -3.16 | 30.97 0.86 0.00 | 27.81 0.76 0.00 | 28.94 0.75 0.00 | 27.68 0.89 0.00 | 27.59 1.03 0.00 | 25.90 1.09 -1.19 | 24.59 1.08 -1.99 | 26.40 1.34 -1.45 | 25.31 1.55 0.00 | 25.89 1.68 0.00 | 26.68 1.72 0.00 | 25.63 1.67 0.00 | 23.69 1.59 0.00 | 25.46 1.51 0.00 | 31.96 1.56 0.00 | 42.06 1.72 0.00 | 45.91 1.55 0.00 | 40.66 1.86 0.00 | 35.62 1.69 0.00 | 30.30 1.52 0.00 | 32.02 1.34 0.00 |
| LINDHRST_69_KV_BK1 356055 | 48.12 2.76 0.00 | 36.56 1.89 -2.20 | 31.75 1.29 -3.15 | 31.43 1.33 0.00 | 28.26 1.21 0.00 | 29.42 1.22 0.00 | 28.30 1.51 0.00 | 28.21 1.65 0.00 | 26.43 1.62 -1.19 | 25.02 1.52 -1.98 | 35.38 1.96 -9.80 | 26.60 2.08 -0.77 | 26.34 2.13 0.00 | 27.12 2.15 0.00 | 25.99 2.03 0.00 | 24.03 1.92 0.00 | 25.75 1.80 0.00 | 32.22 1.82 0.00 | 42.75 2.41 0.00 | 46.21 1.85 0.00 | 41.04 2.24 0.00 | 35.81 1.88 0.00 | 30.40 1.62 0.00 | 32.23 1.55 0.00 |
| LIPA_MISC_IPP 23656 | 48.02 2.65 0.00 | 36.45 1.78 -2.20 | 31.54 1.09 -3.15 | 31.20 1.10 0.00 | 28.09 1.04 0.00 | 29.25 1.06 0.00 | 28.38 1.58 0.00 | 28.29 1.73 0.00 | 26.51 1.70 -1.19 | 25.11 1.60 -1.98 | 35.45 2.04 -9.80 | 26.51 1.98 -0.77 | 26.24 2.03 0.00 | 26.95 1.98 0.00 | 25.77 1.81 0.00 | 23.81 1.71 0.00 | 25.50 1.55 0.00 | 31.93 1.53 0.00 | 42.29 1.95 0.00 | 45.67 1.31 0.00 | 40.64 1.84 0.00 | 35.35 1.42 0.00 | 29.95 1.17 0.00 | 31.67 0.98 0.00 |
| LISF____SOLAR 323691 | 48.08 2.71 0.00 | 36.51 1.84 -2.20 | 31.58 1.13 -3.15 | 31.25 1.15 0.00 | 28.12 1.08 0.00 | 29.28 1.09 0.00 | 28.41 1.62 0.00 | 28.32 1.77 0.00 | 26.54 1.73 -1.19 | 25.13 1.63 -1.98 | 35.48 2.07 -9.80 | 26.53 2.00 -0.77 | 26.26 2.05 0.00 | 26.95 1.98 0.00 | 25.78 1.82 0.00 | 23.83 1.73 0.00 | 25.53 1.58 0.00 | 31.98 1.57 0.00 | 42.36 2.02 0.00 | 45.75 1.40 0.00 | 40.71 1.91 0.00 | 35.41 1.48 0.00 | 30.00 1.21 0.00 | 31.71 1.02 0.00 |
| LITTLE FALLS____HYD 24013 | 45.18 -0.19 0.00 | 32.57 0.10 0.00 | 27.39 0.08 0.00 | 30.11 0.00 0.00 | 26.99 -0.06 0.00 | 28.15 -0.05 0.00 | 26.77 -0.02 0.00 | 26.37 -0.19 0.00 | 23.10 -0.52 0.00 | 20.90 -0.63 0.00 | 22.85 -0.77 0.00 | 23.03 -0.72 0.00 | 23.46 -0.75 0.00 | 24.26 -0.70 0.00 | 23.23 -0.73 0.00 | 21.50 -0.61 0.00 | 23.32 -0.63 0.00 | 29.78 -0.63 0.00 | 39.96 -0.38 0.00 | 44.25 -0.10 0.00 | 39.32 0.52 0.00 | 34.56 0.63 0.00 | 29.33 0.55 0.00 | 30.99 0.31 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 47.68 2.32 0.00 | 33.93 1.46 0.00 | 28.34 1.04 0.00 | 31.21 1.11 0.00 | 28.21 1.16 0.00 | 29.52 1.33 0.00 | 27.90 1.10 0.00 | 27.56 1.00 0.00 | 24.27 0.65 0.00 | 22.02 0.49 0.00 | 24.13 0.51 0.00 | 24.24 0.49 0.00 | 24.65 0.44 0.00 | 25.35 0.38 0.00 | 24.29 0.33 0.00 | 22.41 0.30 0.00 | 24.29 0.34 0.00 | 31.11 0.70 0.00 | 41.68 1.34 0.00 | 46.50 2.14 0.00 | 40.56 1.76 0.00 | 35.41 1.48 0.00 | 29.88 1.10 0.00 | 31.93 1.25 0.00 |
| LI_NEWBRDGE___DRP 323616 | 47.30 1.93 0.00 | 36.01 1.34 -2.20 | 31.35 0.90 -3.15 | 31.02 0.92 0.00 | 27.88 0.84 0.00 | 29.03 0.83 0.00 | 27.87 1.08 0.00 | 27.77 1.21 0.00 | 26.02 1.21 -1.19 | 24.66 1.16 -1.98 | 34.97 1.55 -9.80 | 26.22 1.69 -0.77 | 25.96 1.75 0.00 | 26.72 1.75 0.00 | 25.60 1.64 0.00 | 23.64 1.53 0.00 | 25.35 1.40 0.00 | 31.80 1.39 0.00 | 42.17 1.83 0.00 | 45.60 1.24 0.00 | 40.46 1.66 0.00 | 35.36 1.43 0.00 | 30.00 1.22 0.00 | 31.84 1.16 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 43.29 -2.07 0.00 | 31.05 -1.41 0.00 | 26.02 -1.28 0.00 | 29.10 -1.00 0.00 | 25.95 -1.10 0.00 | 26.87 -1.32 0.00 | 25.26 -1.53 0.00 | 25.21 -1.35 0.00 | 22.55 -1.07 0.00 | 20.53 -1.00 0.00 | 22.68 -0.94 0.00 | 22.78 -0.97 0.00 | 23.22 -0.99 0.00 | 23.87 -1.10 0.00 | 22.86 -1.10 0.00 | 20.78 -1.33 0.00 | 22.67 -1.28 0.00 | 29.07 -1.34 0.00 | 38.36 -1.98 0.00 | 42.49 -1.87 0.00 | 37.22 -1.58 0.00 | 32.34 -1.59 0.00 | 27.63 -1.15 0.00 | 29.48 -1.20 0.00 |
| LOCKPORT___CC1 323769 | 43.27 -2.10 0.00 | 31.03 -1.43 0.00 | 26.01 -1.30 0.00 | 29.09 -1.01 0.00 | 25.93 -1.12 0.00 | 26.88 -1.31 0.00 | 25.32 -1.48 0.00 | 25.24 -1.32 0.00 | 22.57 -1.05 0.00 | 20.53 -1.00 0.00 | 22.67 -0.94 0.00 | 22.78 -0.97 0.00 | 23.21 -1.00 0.00 | 23.93 -1.04 0.00 | 22.86 -1.11 0.00 | 20.79 -1.32 0.00 | 22.67 -1.28 0.00 | 29.07 -1.34 0.00 | 38.35 -1.99 0.00 | 42.47 -1.88 0.00 | 37.19 -1.61 0.00 | 32.30 -1.63 0.00 | 27.63 -1.15 0.00 | 29.46 -1.23 0.00 |
| LOCKPORT___CC2 323770 | 43.27 -2.10 0.00 | 31.03 -1.43 0.00 | 26.01 -1.30 0.00 | 29.09 -1.01 0.00 | 25.93 -1.12 0.00 | 26.88 -1.31 0.00 | 25.32 -1.48 0.00 | 25.24 -1.32 0.00 | 22.57 -1.05 0.00 | 20.53 -1.00 0.00 | 22.67 -0.94 0.00 | 22.78 -0.97 0.00 | 23.21 -1.00 0.00 | 23.93 -1.04 0.00 | 22.86 -1.11 0.00 | 20.79 -1.32 0.00 | 22.67 -1.28 0.00 | 29.07 -1.34 0.00 | 38.35 -1.99 0.00 | 42.47 -1.88 0.00 | 37.19 -1.61 0.00 | 32.30 -1.63 0.00 | 27.63 -1.15 0.00 | 29.46 -1.23 0.00 |
| LOCKPORT___CC3 323771 | 43.27 -2.10 0.00 | 31.03 -1.43 0.00 | 26.01 -1.30 0.00 | 29.09 -1.01 0.00 | 25.93 -1.12 0.00 | 26.88 -1.31 0.00 | 25.32 -1.48 0.00 | 25.24 -1.32 0.00 | 22.57 -1.05 0.00 | 20.53 -1.00 0.00 | 22.67 -0.94 0.00 | 22.78 -0.97 0.00 | 23.21 -1.00 0.00 | 23.93 -1.04 0.00 | 22.86 -1.11 0.00 | 20.79 -1.32 0.00 | 22.67 -1.28 0.00 | 29.07 -1.34 0.00 | 38.35 -1.99 0.00 | 42.47 -1.88 0.00 | 37.19 -1.61 0.00 | 32.30 -1.63 0.00 | 27.63 -1.15 0.00 | 29.46 -1.23 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 47.65 2.28 0.00 | 36.26 1.59 -2.20 | 31.58 1.13 -3.15 | 31.27 1.17 0.00 | 28.10 1.05 0.00 | 29.25 1.06 0.00 | 28.06 1.27 0.00 | 27.95 1.40 0.00 | 26.21 1.40 -1.19 | 24.85 1.35 -1.98 | 35.17 1.76 -9.80 | 26.43 1.91 -0.77 | 26.20 2.00 0.00 | 27.01 2.04 0.00 | 25.90 1.93 0.00 | 23.93 1.82 0.00 | 25.68 1.73 0.00 | 32.20 1.79 0.00 | 42.56 2.22 0.00 | 46.13 1.78 0.00 | 40.88 2.08 0.00 | 35.80 1.87 0.00 | 30.37 1.58 0.00 | 32.20 1.51 0.00 |
| LONG_LAKE_PHOENIX 24014 | 44.20 -1.17 0.00 | 31.69 -0.78 0.00 | 26.67 -0.63 0.00 | 29.43 -0.67 0.00 | 26.41 -0.64 0.00 | 27.49 -0.70 0.00 | 26.12 -0.68 0.00 | 25.87 -0.68 0.00 | 22.99 -0.63 0.00 | 20.94 -0.59 0.00 | 22.97 -0.64 0.00 | 23.08 -0.68 0.00 | 23.50 -0.71 0.00 | 24.26 -0.71 0.00 | 23.29 -0.67 0.00 | 21.50 -0.61 0.00 | 23.32 -0.63 0.00 | 29.67 -0.74 0.00 | 39.42 -0.92 0.00 | 43.40 -0.96 0.00 | 38.07 -0.73 0.00 | 33.23 -0.70 0.00 | 28.17 -0.61 0.00 | 29.95 -0.73 0.00 |
| LOVETT___3 23632 | 46.56 1.19 0.00 | 30.26 0.90 3.11 | 23.52 0.66 4.45 | 30.77 0.67 0.00 | 27.62 0.57 0.00 | 28.76 0.57 0.00 | 27.49 0.69 0.00 | 27.36 0.80 0.00 | 22.80 0.85 1.68 | 19.57 0.84 2.80 | 22.61 1.03 2.04 | 24.94 1.18 0.00 | 25.51 1.30 0.00 | 26.32 1.35 0.00 | 25.24 1.28 0.00 | 23.32 1.21 0.00 | 25.10 1.15 0.00 | 31.59 1.18 0.00 | 41.61 1.28 0.00 | 45.49 1.13 0.00 | 40.23 1.43 0.00 | 35.23 1.30 0.00 | 29.93 1.15 0.00 | 31.69 1.01 0.00 |
| LOVETT___4 23642 | 46.56 1.19 0.00 | 30.26 0.90 3.11 | 23.52 0.66 4.45 | 30.77 0.67 0.00 | 27.62 0.57 0.00 | 28.76 0.57 0.00 | 27.49 0.69 0.00 | 27.36 0.80 0.00 | 22.80 0.85 1.68 | 19.57 0.84 2.80 | 22.61 1.03 2.04 | 24.94 1.18 0.00 | 25.51 1.30 0.00 | 26.32 1.35 0.00 | 25.24 1.28 0.00 | 23.32 1.21 0.00 | 25.10 1.15 0.00 | 31.59 1.18 0.00 | 41.61 1.28 0.00 | 45.49 1.13 0.00 | 40.23 1.43 0.00 | 35.23 1.30 0.00 | 29.93 1.15 0.00 | 31.69 1.01 0.00 |
| LOVETT___5 23593 | 46.56 1.19 0.00 | 30.26 0.90 3.11 | 23.52 0.66 4.45 | 30.77 0.67 0.00 | 27.62 0.57 0.00 | 28.76 0.57 0.00 | 27.49 0.69 0.00 | 27.36 0.80 0.00 | 22.80 0.85 1.68 | 19.57 0.84 2.80 | 22.61 1.03 2.04 | 24.94 1.18 0.00 | 25.51 1.30 0.00 | 26.32 1.35 0.00 | 25.24 1.28 0.00 | 23.32 1.21 0.00 | 25.10 1.15 0.00 | 31.59 1.18 0.00 | 41.61 1.28 0.00 | 45.49 1.13 0.00 | 40.23 1.43 0.00 | 35.23 1.30 0.00 | 29.93 1.15 0.00 | 31.69 1.01 0.00 |
| LOWER RAQUET___HYD 24057 | 47.06 1.70 0.00 | 33.50 1.03 0.00 | 27.98 0.67 0.00 | 30.81 0.71 0.00 | 27.88 0.84 0.00 | 29.20 1.01 0.00 | 27.60 0.80 0.00 | 27.34 0.78 0.00 | 24.18 0.55 0.00 | 21.97 0.44 0.00 | 24.08 0.47 0.00 | 24.20 0.44 0.00 | 24.61 0.40 0.00 | 25.30 0.33 0.00 | 24.24 0.28 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 31.01 0.60 0.00 | 41.49 1.15 0.00 | 46.05 1.69 0.00 | 40.03 1.23 0.00 | 34.92 0.99 0.00 | 29.47 0.69 0.00 | 31.50 0.82 0.00 |
| LOWER___HUDSON 24059 | 46.41 1.04 0.00 | 33.82 0.99 -0.37 | 28.62 0.79 -0.52 | 30.92 0.81 0.00 | 27.74 0.70 0.00 | 28.89 0.69 0.00 | 27.49 0.70 0.00 | 27.27 0.71 0.00 | 24.37 0.55 -0.20 | 22.33 0.47 -0.33 | 24.30 0.44 -0.24 | 24.16 0.40 0.00 | 24.67 0.46 0.00 | 25.44 0.48 0.00 | 24.42 0.46 0.00 | 22.51 0.40 0.00 | 24.46 0.51 0.00 | 31.03 0.62 0.00 | 41.19 0.85 0.00 | 45.26 0.90 0.00 | 39.97 1.17 0.00 | 35.07 1.14 0.00 | 29.74 0.96 0.00 | 31.52 0.83 0.00 |
| LOWVILLE_115KV_TB2 356335 | 47.21 1.85 0.00 | 33.73 1.26 0.00 | 28.29 0.99 0.00 | 31.17 1.07 0.00 | 28.05 1.00 0.00 | 29.26 1.06 0.00 | 27.74 0.95 0.00 | 27.37 0.81 0.00 | 24.04 0.42 0.00 | 21.76 0.24 0.00 | 23.78 0.17 0.00 | 23.86 0.10 0.00 | 24.27 0.06 0.00 | 24.96 -0.01 0.00 | 23.93 -0.03 0.00 | 22.05 -0.06 0.00 | 23.94 -0.01 0.00 | 30.54 0.13 0.00 | 41.17 0.83 0.00 | 45.81 1.46 0.00 | 39.68 0.88 0.00 | 34.22 0.29 0.00 | 28.86 0.08 0.00 | 30.68 0.00 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 46.98 1.61 0.00 | 34.17 1.37 -0.34 | 28.88 1.09 -0.48 | 31.26 1.16 0.00 | 28.07 1.02 0.00 | 29.24 1.05 0.00 | 27.82 1.03 0.00 | 27.53 0.97 0.00 | 24.55 0.74 -0.18 | 22.44 0.61 -0.30 | 24.41 0.57 -0.22 | 24.27 0.51 0.00 | 24.77 0.56 0.00 | 25.55 0.59 0.00 | 24.54 0.58 0.00 | 22.68 0.58 0.00 | 24.68 0.73 0.00 | 31.43 1.03 0.00 | 41.87 1.54 0.00 | 46.08 1.72 0.00 | 40.63 1.83 0.00 | 35.59 1.67 0.00 | 30.17 1.38 0.00 | 31.98 1.30 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 46.97 1.61 0.00 | 34.17 1.36 -0.34 | 28.88 1.09 -0.48 | 31.26 1.16 0.00 | 28.06 1.02 0.00 | 29.24 1.05 0.00 | 27.81 1.02 0.00 | 27.53 0.97 0.00 | 24.55 0.74 -0.18 | 22.44 0.61 -0.30 | 24.41 0.57 -0.22 | 24.27 0.51 0.00 | 24.78 0.57 0.00 | 25.55 0.59 0.00 | 24.55 0.59 0.00 | 22.71 0.61 0.00 | 24.72 0.77 0.00 | 31.49 1.08 0.00 | 41.90 1.56 0.00 | 46.10 1.75 0.00 | 40.64 1.84 0.00 | 35.58 1.66 0.00 | 30.17 1.38 0.00 | 32.01 1.32 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 47.11 1.75 0.00 | 33.59 1.12 0.00 | 28.11 0.81 0.00 | 30.97 0.87 0.00 | 27.94 0.90 0.00 | 29.21 1.02 0.00 | 27.65 0.86 0.00 | 27.33 0.77 0.00 | 24.07 0.44 0.00 | 21.82 0.29 0.00 | 23.86 0.25 0.00 | 23.95 0.19 0.00 | 24.35 0.14 0.00 | 25.04 0.08 0.00 | 24.00 0.04 0.00 | 22.13 0.03 0.00 | 24.01 0.06 0.00 | 30.69 0.28 0.00 | 41.25 0.91 0.00 | 45.90 1.54 0.00 | 39.87 1.07 0.00 | 34.59 0.66 0.00 | 29.19 0.41 0.00 | 31.09 0.40 0.00 |
| LYONS_FALL_HYD 23570 | 46.78 1.42 0.00 | 33.45 0.99 0.00 | 28.07 0.77 0.00 | 30.95 0.85 0.00 | 27.83 0.78 0.00 | 29.02 0.83 0.00 | 27.55 0.76 0.00 | 27.20 0.64 0.00 | 23.98 0.36 0.00 | 21.75 0.23 0.00 | 23.80 0.19 0.00 | 23.90 0.14 0.00 | 24.33 0.11 0.00 | 25.05 0.08 0.00 | 24.03 0.07 0.00 | 22.15 0.04 0.00 | 24.06 0.11 0.00 | 30.68 0.27 0.00 | 41.17 0.83 0.00 | 45.65 1.29 0.00 | 39.71 0.91 0.00 | 34.41 0.48 0.00 | 29.06 0.28 0.00 | 30.90 0.21 0.00 |
| MADISON___COUNTY_LFGE 323628 | 46.17 0.81 0.00 | 33.07 0.61 0.00 | 27.79 0.48 0.00 | 30.64 0.55 0.00 | 27.52 0.48 0.00 | 28.69 0.50 0.00 | 27.26 0.46 0.00 | 26.94 0.38 0.00 | 23.82 0.20 0.00 | 21.64 0.12 0.00 | 23.73 0.11 0.00 | 23.86 0.10 0.00 | 24.31 0.10 0.00 | 25.06 0.09 0.00 | 24.08 0.12 0.00 | 22.22 0.11 0.00 | 24.14 0.19 0.00 | 30.77 0.36 0.00 | 41.09 0.75 0.00 | 45.42 1.06 0.00 | 39.80 1.00 0.00 | 34.70 0.77 0.00 | 29.37 0.58 0.00 | 31.21 0.52 0.00 |
| MALONE___115KV_TB1 356076 | 47.12 1.76 0.00 | 33.53 1.06 0.00 | 28.06 0.76 0.00 | 30.94 0.84 0.00 | 27.89 0.84 0.00 | 29.05 0.86 0.00 | 27.52 0.73 0.00 | 27.25 0.70 0.00 | 24.20 0.58 0.00 | 22.00 0.48 0.00 | 24.09 0.47 0.00 | 24.19 0.43 0.00 | 24.55 0.34 0.00 | 25.25 0.28 0.00 | 24.19 0.23 0.00 | 22.35 0.24 0.00 | 24.22 0.27 0.00 | 30.98 0.57 0.00 | 41.53 1.19 0.00 | 45.98 1.62 0.00 | 39.91 1.11 0.00 | 34.77 0.84 0.00 | 29.29 0.51 0.00 | 31.20 0.52 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 46.28 0.92 0.00 | 33.67 0.84 -0.36 | 28.51 0.68 -0.52 | 30.81 0.71 0.00 | 27.60 0.55 0.00 | 28.73 0.54 0.00 | 27.36 0.56 0.00 | 27.13 0.57 0.00 | 24.28 0.46 -0.20 | 22.25 0.40 -0.33 | 24.25 0.40 -0.24 | 24.14 0.38 0.00 | 24.65 0.44 0.00 | 25.43 0.46 0.00 | 24.40 0.44 0.00 | 22.48 0.37 0.00 | 24.42 0.47 0.00 | 30.97 0.57 0.00 | 41.06 0.73 0.00 | 45.10 0.75 0.00 | 39.77 0.97 0.00 | 34.88 0.95 0.00 | 29.57 0.79 0.00 | 31.34 0.65 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 45.54 0.18 0.00 | 32.56 0.10 0.00 | 27.37 0.06 0.00 | 30.18 0.07 0.00 | 27.12 0.07 0.00 | 28.27 0.07 0.00 | 26.84 0.04 0.00 | 26.59 0.03 0.00 | 23.65 0.03 0.00 | 21.54 0.02 0.00 | 23.63 0.02 0.00 | 23.77 0.01 0.00 | 24.21 0.00 0.00 | 24.94 -0.03 0.00 | 23.92 -0.04 0.00 | 22.06 -0.05 0.00 | 23.91 -0.04 0.00 | 30.37 -0.04 0.00 | 40.34 0.00 0.00 | 44.36 0.00 0.00 | 38.61 -0.19 0.00 | 33.68 -0.25 0.00 | 28.49 -0.29 0.00 | 30.39 -0.29 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 45.54 0.18 0.00 | 32.56 0.10 0.00 | 27.37 0.06 0.00 | 30.18 0.07 0.00 | 27.12 0.07 0.00 | 28.27 0.07 0.00 | 26.84 0.04 0.00 | 26.59 0.03 0.00 | 23.65 0.03 0.00 | 21.54 0.02 0.00 | 23.63 0.02 0.00 | 23.77 0.01 0.00 | 24.21 0.00 0.00 | 24.94 -0.03 0.00 | 23.92 -0.04 0.00 | 22.06 -0.05 0.00 | 23.91 -0.04 0.00 | 30.37 -0.04 0.00 | 40.34 0.00 0.00 | 44.36 0.00 0.00 | 38.61 -0.19 0.00 | 33.68 -0.25 0.00 | 28.49 -0.29 0.00 | 30.39 -0.29 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 46.57 1.20 0.00 | 33.16 0.70 0.00 | 27.78 0.47 0.00 | 30.62 0.53 0.00 | 27.55 0.51 0.00 | 28.68 0.49 0.00 | 27.19 0.40 0.00 | 26.93 0.37 0.00 | 23.95 0.33 0.00 | 21.79 0.27 0.00 | 23.85 0.24 0.00 | 23.95 0.19 0.00 | 24.30 0.09 0.00 | 25.00 0.04 0.00 | 23.96 0.00 0.00 | 22.14 0.03 0.00 | 23.93 -0.02 0.00 | 30.58 0.18 0.00 | 40.91 0.57 0.00 | 45.17 0.81 0.00 | 39.21 0.41 0.00 | 34.11 0.18 0.00 | 28.75 -0.03 0.00 | 30.62 -0.07 0.00 |
| MARSHVLE_115KV_TB1 80742 | 47.61 2.25 0.00 | 34.03 1.57 0.00 | 28.57 1.27 0.00 | 31.53 1.43 0.00 | 28.37 1.32 0.00 | 29.64 1.45 0.00 | 28.13 1.34 0.00 | 27.51 0.96 0.00 | 24.23 0.61 0.00 | 22.03 0.51 0.00 | 24.16 0.55 0.00 | 24.29 0.54 0.00 | 24.74 0.53 0.00 | 25.50 0.53 0.00 | 24.47 0.51 0.00 | 22.64 0.53 0.00 | 24.54 0.58 0.00 | 31.36 0.95 0.00 | 42.05 1.71 0.00 | 46.82 2.47 0.00 | 41.09 2.30 0.00 | 35.82 1.89 0.00 | 30.30 1.52 0.00 | 32.23 1.54 0.00 |
| MARSH_HILL_WT_PWR 323713 | 44.74 -0.62 0.00 | 32.07 -0.39 0.00 | 26.82 -0.48 0.00 | 29.75 -0.35 0.00 | 26.74 -0.31 0.00 | 27.81 -0.38 0.00 | 26.34 -0.45 0.00 | 26.00 -0.56 0.00 | 23.03 -0.60 0.00 | 20.84 -0.68 0.00 | 22.87 -0.74 0.00 | 23.00 -0.76 0.00 | 23.45 -0.76 0.00 | 24.22 -0.75 0.00 | 23.23 -0.73 0.00 | 21.32 -0.79 0.00 | 23.24 -0.71 0.00 | 29.65 -0.76 0.00 | 39.52 -0.82 0.00 | 44.07 -0.28 0.00 | 38.85 0.05 0.00 | 33.85 -0.08 0.00 | 28.75 -0.03 0.00 | 30.56 -0.12 0.00 |
| MCINTYRE_115KV_TB2 80467 | 47.92 2.55 0.00 | 34.09 1.62 0.00 | 28.48 1.17 0.00 | 31.36 1.26 0.00 | 28.31 1.26 0.00 | 29.64 1.45 0.00 | 28.00 1.21 0.00 | 27.61 1.05 0.00 | 24.29 0.66 0.00 | 22.04 0.51 0.00 | 24.15 0.54 0.00 | 24.28 0.53 0.00 | 24.69 0.48 0.00 | 25.38 0.42 0.00 | 24.32 0.36 0.00 | 22.45 0.34 0.00 | 24.33 0.37 0.00 | 31.18 0.77 0.00 | 41.69 1.35 0.00 | 46.62 2.26 0.00 | 40.74 1.94 0.00 | 35.60 1.67 0.00 | 30.03 1.25 0.00 | 32.12 1.44 0.00 |
| MECO_____69_KV_BK1 80468 | 47.96 2.60 0.00 | 34.33 1.86 0.00 | 28.81 1.51 0.00 | 31.76 1.66 0.00 | 28.54 1.50 0.00 | 29.77 1.58 0.00 | 28.28 1.49 0.00 | 27.68 1.12 0.00 | 24.18 0.56 0.00 | 21.84 0.31 0.00 | 23.86 0.24 0.00 | 23.96 0.20 0.00 | 24.43 0.23 0.00 | 25.17 0.20 0.00 | 24.16 0.20 0.00 | 22.36 0.25 0.00 | 24.30 0.35 0.00 | 31.20 0.80 0.00 | 42.14 1.80 0.00 | 47.08 2.73 0.00 | 41.56 2.76 0.00 | 36.27 2.35 0.00 | 30.68 1.90 0.00 | 32.53 1.85 0.00 |
| MENANDS___115KV_TB5 355628 | 46.04 0.67 0.00 | 33.51 0.68 -0.37 | 28.38 0.56 -0.52 | 30.66 0.57 0.00 | 27.46 0.41 0.00 | 28.59 0.40 0.00 | 27.22 0.43 0.00 | 27.00 0.45 0.00 | 24.18 0.35 -0.20 | 22.17 0.31 -0.33 | 24.16 0.31 -0.24 | 24.05 0.29 0.00 | 24.56 0.35 0.00 | 25.34 0.37 0.00 | 24.31 0.35 0.00 | 22.38 0.27 0.00 | 24.30 0.34 0.00 | 30.78 0.37 0.00 | 40.77 0.43 0.00 | 44.76 0.40 0.00 | 39.49 0.69 0.00 | 34.64 0.71 0.00 | 29.38 0.60 0.00 | 31.13 0.45 0.00 |
| MG INDUSTRY___DRP 24185 | 46.12 0.76 0.00 | 33.53 0.74 -0.33 | 28.41 0.63 -0.47 | 30.77 0.67 0.00 | 27.58 0.53 0.00 | 28.71 0.52 0.00 | 27.31 0.52 0.00 | 26.99 0.44 0.00 | 24.08 0.28 -0.18 | 22.05 0.23 -0.30 | 24.04 0.21 -0.22 | 23.94 0.18 0.00 | 24.42 0.22 0.00 | 25.19 0.23 0.00 | 24.18 0.22 0.00 | 22.26 0.16 0.00 | 24.17 0.22 0.00 | 30.66 0.25 0.00 | 40.70 0.36 0.00 | 44.80 0.45 0.00 | 39.51 0.71 0.00 | 34.65 0.71 0.00 | 29.42 0.63 0.00 | 31.20 0.52 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 47.11 1.75 0.00 | 33.59 1.12 0.00 | 28.11 0.81 0.00 | 30.97 0.87 0.00 | 27.94 0.90 0.00 | 29.21 1.02 0.00 | 27.65 0.86 0.00 | 27.33 0.77 0.00 | 24.07 0.44 0.00 | 21.82 0.29 0.00 | 23.86 0.25 0.00 | 23.95 0.19 0.00 | 24.35 0.14 0.00 | 25.04 0.08 0.00 | 24.00 0.04 0.00 | 22.13 0.03 0.00 | 24.01 0.06 0.00 | 30.69 0.28 0.00 | 41.25 0.91 0.00 | 45.90 1.54 0.00 | 39.87 1.07 0.00 | 34.59 0.66 0.00 | 29.19 0.41 0.00 | 31.09 0.40 0.00 |
| MID___RAQUETTE_HYD 23851 | 47.06 1.70 0.00 | 33.50 1.03 0.00 | 27.98 0.67 0.00 | 30.81 0.71 0.00 | 27.88 0.84 0.00 | 29.20 1.01 0.00 | 27.60 0.80 0.00 | 27.34 0.78 0.00 | 24.18 0.55 0.00 | 21.97 0.44 0.00 | 24.08 0.47 0.00 | 24.19 0.44 0.00 | 24.61 0.40 0.00 | 25.30 0.33 0.00 | 24.24 0.28 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 31.01 0.60 0.00 | 41.49 1.15 0.00 | 46.05 1.69 0.00 | 40.03 1.23 0.00 | 34.92 0.99 0.00 | 29.47 0.69 0.00 | 31.50 0.82 0.00 |
| MILLIKEN___1 23584 | 45.39 0.03 0.00 | 32.46 -0.01 0.00 | 27.28 -0.03 0.00 | 30.12 0.02 0.00 | 27.04 -0.01 0.00 | 28.18 -0.01 0.00 | 26.78 -0.01 0.00 | 26.50 -0.06 0.00 | 23.48 -0.14 0.00 | 21.31 -0.22 0.00 | 23.35 -0.27 0.00 | 23.51 -0.25 0.00 | 23.95 -0.26 0.00 | 24.69 -0.27 0.00 | 23.73 -0.23 0.00 | 21.89 -0.22 0.00 | 23.77 -0.18 0.00 | 30.37 -0.04 0.00 | 40.50 0.16 0.00 | 44.77 0.41 0.00 | 39.37 0.57 0.00 | 34.35 0.42 0.00 | 29.10 0.32 0.00 | 30.85 0.16 0.00 |
| MILLIKEN___2 23585 | 45.39 0.03 0.00 | 32.46 -0.01 0.00 | 27.28 -0.03 0.00 | 30.12 0.02 0.00 | 27.04 -0.01 0.00 | 28.18 -0.01 0.00 | 26.78 -0.01 0.00 | 26.50 -0.06 0.00 | 23.48 -0.14 0.00 | 21.31 -0.22 0.00 | 23.35 -0.27 0.00 | 23.51 -0.25 0.00 | 23.95 -0.26 0.00 | 24.69 -0.27 0.00 | 23.73 -0.23 0.00 | 21.89 -0.22 0.00 | 23.77 -0.18 0.00 | 30.37 -0.04 0.00 | 40.50 0.16 0.00 | 44.77 0.41 0.00 | 39.37 0.57 0.00 | 34.35 0.42 0.00 | 29.10 0.32 0.00 | 30.85 0.16 0.00 |
| MILLIKEN___DIESEL 23629 | 45.39 0.03 0.00 | 32.46 -0.01 0.00 | 27.28 -0.03 0.00 | 30.12 0.02 0.00 | 27.04 -0.01 0.00 | 28.18 -0.01 0.00 | 26.78 -0.01 0.00 | 26.50 -0.06 0.00 | 23.48 -0.14 0.00 | 21.31 -0.22 0.00 | 23.35 -0.27 0.00 | 23.51 -0.25 0.00 | 23.95 -0.26 0.00 | 24.69 -0.27 0.00 | 23.73 -0.23 0.00 | 21.89 -0.22 0.00 | 23.77 -0.18 0.00 | 30.37 -0.04 0.00 | 40.50 0.16 0.00 | 44.77 0.41 0.00 | 39.37 0.57 0.00 | 34.35 0.42 0.00 | 29.10 0.32 0.00 | 30.85 0.16 0.00 |
| MILLSEAT___LFGE 323607 | 44.13 -1.23 0.00 | 31.62 -0.85 0.00 | 26.48 -0.82 0.00 | 29.56 -0.55 0.00 | 26.37 -0.68 0.00 | 27.37 -0.82 0.00 | 25.81 -0.99 0.00 | 25.67 -0.88 0.00 | 22.87 -0.75 0.00 | 20.78 -0.75 0.00 | 22.90 -0.72 0.00 | 23.00 -0.76 0.00 | 23.43 -0.77 0.00 | 24.16 -0.81 0.00 | 23.11 -0.85 0.00 | 21.09 -1.02 0.00 | 23.05 -0.90 0.00 | 29.59 -0.82 0.00 | 39.20 -1.14 0.00 | 43.56 -0.79 0.00 | 38.21 -0.59 0.00 | 33.18 -0.75 0.00 | 28.28 -0.50 0.00 | 30.09 -0.59 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 46.74 1.38 0.00 | 35.84 1.05 -2.32 | 31.40 0.78 -3.32 | 30.90 0.80 0.00 | 27.74 0.70 0.00 | 28.88 0.68 0.00 | 27.60 0.81 0.00 | 27.48 0.92 0.00 | 25.82 0.95 -1.25 | 24.54 0.94 -2.08 | 26.27 1.14 -1.52 | 25.04 1.28 0.00 | 25.60 1.39 0.00 | 26.42 1.45 0.00 | 25.34 1.38 0.00 | 23.42 1.31 0.00 | 25.22 1.27 0.00 | 31.74 1.33 0.00 | 41.82 1.48 0.00 | 45.71 1.35 0.00 | 40.43 1.63 0.00 | 35.41 1.48 0.00 | 30.08 1.30 0.00 | 31.83 1.15 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 46.80 1.44 0.00 | 35.88 1.09 -2.32 | 31.43 0.81 -3.32 | 30.93 0.83 0.00 | 27.77 0.72 0.00 | 28.90 0.71 0.00 | 27.64 0.84 0.00 | 27.51 0.95 0.00 | 25.85 0.98 -1.25 | 24.57 0.96 -2.08 | 26.29 1.16 -1.52 | 25.06 1.31 0.00 | 25.63 1.42 0.00 | 26.45 1.48 0.00 | 25.38 1.42 0.00 | 23.45 1.35 0.00 | 25.26 1.31 0.00 | 31.78 1.38 0.00 | 41.89 1.55 0.00 | 45.78 1.43 0.00 | 40.50 1.70 0.00 | 35.47 1.54 0.00 | 30.12 1.34 0.00 | 31.88 1.19 0.00 |
| MODEL_CITY_ENERGY 24167 | 42.92 -2.44 0.00 | 30.81 -1.66 0.00 | 25.81 -1.49 0.00 | 28.87 -1.23 0.00 | 25.75 -1.30 0.00 | 26.69 -1.50 0.00 | 25.12 -1.68 0.00 | 25.06 -1.50 0.00 | 22.43 -1.20 0.00 | 20.39 -1.13 0.00 | 22.53 -1.09 0.00 | 22.64 -1.12 0.00 | 23.06 -1.15 0.00 | 23.77 -1.20 0.00 | 22.69 -1.28 0.00 | 20.58 -1.53 0.00 | 22.44 -1.51 0.00 | 28.78 -1.63 0.00 | 37.95 -2.39 0.00 | 42.02 -2.34 0.00 | 36.79 -2.01 0.00 | 31.96 -1.97 0.00 | 27.35 -1.43 0.00 | 29.22 -1.46 0.00 |
| MODERN_LFGE___ 323580 | 42.92 -2.44 0.00 | 30.81 -1.66 0.00 | 25.81 -1.49 0.00 | 28.87 -1.23 0.00 | 25.75 -1.30 0.00 | 26.69 -1.50 0.00 | 25.12 -1.68 0.00 | 25.06 -1.50 0.00 | 22.43 -1.20 0.00 | 20.39 -1.13 0.00 | 22.53 -1.09 0.00 | 22.64 -1.12 0.00 | 23.06 -1.15 0.00 | 23.77 -1.20 0.00 | 22.69 -1.28 0.00 | 20.58 -1.53 0.00 | 22.44 -1.51 0.00 | 28.78 -1.63 0.00 | 37.95 -2.39 0.00 | 42.02 -2.34 0.00 | 36.79 -2.01 0.00 | 31.96 -1.97 0.00 | 27.35 -1.43 0.00 | 29.22 -1.46 0.00 |
| MOHAWK_PAPER___DRP 24187 | 46.28 0.92 0.00 | 33.67 0.84 -0.36 | 28.51 0.68 -0.52 | 30.81 0.71 0.00 | 27.60 0.55 0.00 | 28.73 0.54 0.00 | 27.36 0.56 0.00 | 27.13 0.57 0.00 | 24.28 0.46 -0.20 | 22.25 0.40 -0.33 | 24.25 0.40 -0.24 | 24.14 0.38 0.00 | 24.65 0.44 0.00 | 25.43 0.46 0.00 | 24.40 0.44 0.00 | 22.48 0.37 0.00 | 24.42 0.47 0.00 | 30.97 0.57 0.00 | 41.06 0.73 0.00 | 45.10 0.75 0.00 | 39.77 0.97 0.00 | 34.88 0.95 0.00 | 29.57 0.79 0.00 | 31.34 0.65 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 47.31 1.95 0.00 | 34.49 1.68 -0.34 | 29.09 1.30 -0.48 | 31.46 1.36 0.00 | 28.26 1.21 0.00 | 29.44 1.25 0.00 | 28.00 1.21 0.00 | 27.70 1.14 0.00 | 24.61 0.81 -0.18 | 22.48 0.66 -0.30 | 24.37 0.53 -0.22 | 24.21 0.45 0.00 | 24.69 0.48 0.00 | 25.46 0.49 0.00 | 24.45 0.49 0.00 | 22.63 0.52 0.00 | 24.66 0.71 0.00 | 31.53 1.12 0.00 | 42.22 1.88 0.00 | 46.48 2.13 0.00 | 41.12 2.32 0.00 | 36.00 2.07 0.00 | 30.48 1.70 0.00 | 32.32 1.63 0.00 |
| MONGAUP___HYD 23641 | 46.76 1.40 0.00 | 31.72 1.05 1.80 | 25.51 0.77 2.57 | 30.90 0.80 0.00 | 27.74 0.69 0.00 | 28.88 0.69 0.00 | 27.54 0.75 0.00 | 27.34 0.78 0.00 | 23.33 0.68 0.97 | 20.44 0.53 1.61 | 23.06 0.62 1.18 | 24.47 0.71 0.00 | 25.00 0.79 0.00 | 25.80 0.83 0.00 | 24.79 0.82 0.00 | 22.90 0.79 0.00 | 24.76 0.81 0.00 | 31.39 0.98 0.00 | 41.68 1.34 0.00 | 45.90 1.54 0.00 | 40.58 1.78 0.00 | 35.50 1.58 0.00 | 30.10 1.31 0.00 | 31.86 1.17 0.00 |
| MONTAUK___DIESEL 23721 | 49.81 4.45 0.00 | 37.61 2.95 -2.20 | 32.41 1.96 -3.15 | 32.23 2.13 0.00 | 28.91 1.86 0.00 | 30.15 1.96 0.00 | 29.40 2.60 0.00 | 29.40 2.85 0.00 | 27.60 2.79 -1.19 | 26.20 2.70 -1.98 | 36.82 3.41 -9.80 | 27.88 3.35 -0.77 | 27.62 3.42 0.00 | 28.45 3.48 0.00 | 27.29 3.33 0.00 | 25.28 3.17 0.00 | 27.17 3.22 0.00 | 34.11 3.71 0.00 | 45.19 4.85 0.00 | 48.73 4.38 0.00 | 43.21 4.41 0.00 | 37.42 3.49 0.00 | 31.61 2.83 0.00 | 33.29 2.60 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 44.40 -0.96 0.00 | 31.79 -0.67 0.00 | 26.66 -0.64 0.00 | 29.74 -0.36 0.00 | 26.55 -0.50 0.00 | 27.55 -0.64 0.00 | 26.07 -0.72 0.00 | 25.98 -0.58 0.00 | 23.22 -0.40 0.00 | 21.17 -0.35 0.00 | 23.37 -0.24 0.00 | 23.55 -0.21 0.00 | 23.99 -0.22 0.00 | 24.70 -0.26 0.00 | 23.73 -0.23 0.00 | 21.65 -0.46 0.00 | 23.51 -0.43 0.00 | 30.05 -0.36 0.00 | 39.70 -0.64 0.00 | 44.00 -0.35 0.00 | 38.58 -0.22 0.00 | 33.53 -0.40 0.00 | 28.53 -0.25 0.00 | 30.34 -0.34 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MORRIS RIDGE___SOLAR 323848 | 44.11 -1.26 0.00 | 31.61 -0.86 0.00 | 26.51 -0.80 0.00 | 29.48 -0.62 0.00 | 26.37 -0.67 0.00 | 27.42 -0.77 0.00 | 25.95 -0.84 0.00 | 25.64 -0.91 0.00 | 22.69 -0.93 0.00 | 20.55 -0.98 0.00 | 22.60 -1.01 0.00 | 22.74 -1.01 0.00 | 23.18 -1.03 0.00 | 23.91 -1.05 0.00 | 22.92 -1.04 0.00 | 21.00 -1.11 0.00 | 22.86 -1.09 0.00 | 29.19 -1.22 0.00 | 38.87 -1.47 0.00 | 43.36 -0.99 0.00 | 38.16 -0.65 0.00 | 33.23 -0.70 0.00 | 28.27 -0.51 0.00 | 30.07 -0.61 0.00 |
| MORTIMER_115KV_TB3 55949 | 44.42 -0.94 0.00 | 31.81 -0.65 0.00 | 26.71 -0.60 0.00 | 29.64 -0.46 0.00 | 26.51 -0.54 0.00 | 27.56 -0.63 0.00 | 26.09 -0.70 0.00 | 25.92 -0.64 0.00 | 23.07 -0.55 0.00 | 21.03 -0.49 0.00 | 23.14 -0.47 0.00 | 23.30 -0.46 0.00 | 23.73 -0.48 0.00 | 24.45 -0.52 0.00 | 23.47 -0.49 0.00 | 21.58 -0.53 0.00 | 23.50 -0.45 0.00 | 30.06 -0.35 0.00 | 39.86 -0.47 0.00 | 43.99 -0.36 0.00 | 38.52 -0.28 0.00 | 33.54 -0.39 0.00 | 28.45 -0.33 0.00 | 30.21 -0.48 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 47.14 1.77 0.00 | 36.00 1.33 -2.21 | 31.46 1.00 -3.16 | 31.13 1.03 0.00 | 27.96 0.91 0.00 | 29.10 0.91 0.00 | 27.83 1.04 0.00 | 27.72 1.16 0.00 | 26.00 1.19 -1.19 | 24.68 1.17 -1.98 | 26.48 1.42 -1.45 | 25.35 1.60 0.00 | 25.92 1.71 0.00 | 26.75 1.78 0.00 | 25.65 1.69 0.00 | 23.71 1.60 0.00 | 25.49 1.54 0.00 | 32.03 1.63 0.00 | 42.18 1.85 0.00 | 46.05 1.70 0.00 | 40.76 1.96 0.00 | 35.72 1.79 0.00 | 30.37 1.59 0.00 | 32.14 1.46 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 47.57 2.20 0.00 | 33.87 1.41 0.00 | 28.36 1.06 0.00 | 31.37 1.27 0.00 | 28.25 1.21 0.00 | 29.62 1.43 0.00 | 28.11 1.31 0.00 | 27.79 1.23 0.00 | 24.54 0.92 0.00 | 22.23 0.70 0.00 | 24.35 0.73 0.00 | 24.50 0.75 0.00 | 24.97 0.76 0.00 | 25.74 0.78 0.00 | 24.76 0.80 0.00 | 22.93 0.82 0.00 | 24.98 1.03 0.00 | 32.05 1.64 0.00 | 42.86 2.52 0.00 | 47.47 3.12 0.00 | 41.66 2.86 0.00 | 36.33 2.40 0.00 | 30.72 1.94 0.00 | 32.55 1.87 0.00 |
| N SALMON___HYD 24042 | 47.12 1.76 0.00 | 33.53 1.06 0.00 | 28.06 0.76 0.00 | 30.94 0.84 0.00 | 27.89 0.84 0.00 | 29.05 0.86 0.00 | 27.52 0.72 0.00 | 27.25 0.70 0.00 | 24.20 0.58 0.00 | 22.00 0.48 0.00 | 24.09 0.48 0.00 | 24.19 0.43 0.00 | 24.55 0.34 0.00 | 25.25 0.28 0.00 | 24.19 0.23 0.00 | 22.35 0.25 0.00 | 24.22 0.27 0.00 | 30.98 0.57 0.00 | 41.53 1.19 0.00 | 45.97 1.62 0.00 | 39.91 1.11 0.00 | 34.77 0.84 0.00 | 29.29 0.51 0.00 | 31.20 0.52 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 43.89 -1.48 0.00 | 31.45 -1.01 0.00 | 26.35 -0.95 0.00 | 29.44 -0.67 0.00 | 26.25 -0.80 0.00 | 27.21 -0.98 0.00 | 25.61 -1.18 0.00 | 25.52 -1.04 0.00 | 22.78 -0.85 0.00 | 20.75 -0.78 0.00 | 22.89 -0.73 0.00 | 22.96 -0.80 0.00 | 23.39 -0.82 0.00 | 24.06 -0.91 0.00 | 23.06 -0.90 0.00 | 21.04 -1.07 0.00 | 22.96 -0.99 0.00 | 29.47 -0.94 0.00 | 38.97 -1.36 0.00 | 43.26 -1.10 0.00 | 37.92 -0.88 0.00 | 32.93 -0.99 0.00 | 28.09 -0.69 0.00 | 29.92 -0.76 0.00 |
| N.E_GEN_SANDY PD 24062 | 44.29 0.86 1.94 | 33.92 0.85 -0.60 | 28.83 0.67 -0.85 | 30.78 0.68 0.00 | 27.64 0.59 0.00 | 28.75 0.56 0.00 | 27.40 0.61 0.00 | 27.24 0.68 0.00 | 24.53 0.59 -0.32 | 22.60 0.54 -0.54 | 24.58 0.57 -0.39 | 24.34 0.59 0.00 | 24.87 0.66 0.00 | 25.64 0.68 0.00 | 24.61 0.65 0.00 | 22.35 0.59 0.35 | 25.07 0.63 -0.48 | 31.08 0.67 0.00 | 41.09 0.75 0.00 | 44.37 0.69 0.68 | 40.31 1.05 -0.45 | 35.02 1.09 0.00 | 30.13 0.93 -0.42 | 31.47 0.78 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 46.66 1.30 0.00 | 30.45 0.97 2.99 | 23.73 0.70 4.28 | 30.83 0.72 0.00 | 27.67 0.62 0.00 | 28.82 0.62 0.00 | 27.53 0.74 0.00 | 27.41 0.85 0.00 | 22.90 0.89 1.61 | 19.72 0.88 2.69 | 22.73 1.07 1.96 | 24.99 1.23 0.00 | 25.57 1.36 0.00 | 26.39 1.42 0.00 | 25.31 1.35 0.00 | 23.39 1.28 0.00 | 25.18 1.23 0.00 | 31.69 1.28 0.00 | 41.76 1.42 0.00 | 45.62 1.27 0.00 | 40.34 1.55 0.00 | 35.31 1.39 0.00 | 30.00 1.22 0.00 | 31.76 1.07 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 47.15 1.79 0.00 | 36.06 1.38 -2.21 | 31.48 1.02 -3.16 | 31.14 1.03 0.00 | 27.97 0.93 0.00 | 29.10 0.91 0.00 | 27.85 1.06 0.00 | 27.75 1.20 0.00 | 26.11 1.30 -1.19 | 24.78 1.27 -1.99 | 26.60 1.53 -1.45 | 25.48 1.73 0.00 | 26.04 1.83 0.00 | 26.86 1.89 0.00 | 25.77 1.81 0.00 | 23.80 1.69 0.00 | 25.56 1.60 0.00 | 32.15 1.74 0.00 | 42.41 2.07 0.00 | 46.25 1.90 0.00 | 40.98 2.18 0.00 | 35.96 2.03 0.00 | 30.48 1.70 0.00 | 32.25 1.56 0.00 |
| N.TROY___115KV_TB1 355778 | 46.41 1.04 0.00 | 33.82 0.99 -0.37 | 28.62 0.79 -0.52 | 30.92 0.81 0.00 | 27.74 0.69 0.00 | 28.89 0.70 0.00 | 27.49 0.70 0.00 | 27.27 0.72 0.00 | 24.38 0.56 -0.20 | 22.33 0.47 -0.33 | 24.30 0.44 -0.24 | 24.16 0.40 0.00 | 24.67 0.47 0.00 | 25.45 0.48 0.00 | 24.42 0.46 0.00 | 22.51 0.40 0.00 | 24.46 0.51 0.00 | 31.03 0.62 0.00 | 41.19 0.85 0.00 | 45.26 0.90 0.00 | 39.97 1.17 0.00 | 35.08 1.15 0.00 | 29.74 0.96 0.00 | 31.52 0.83 0.00 |
| NARROWS_GT1_1 24228 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT1_2 24229 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT1_3 24230 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT1_4 24231 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT1_5 24232 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT1_7 24234 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT1_8 24235 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT2_1 24236 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT2_2 24237 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT2_3 24238 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT2_4 24239 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT2_5 24240 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT2_6 24241 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT2_7 24242 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NARROWS_GT2_8 24243 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 46.80 1.44 0.00 | 33.66 1.20 0.00 | 28.29 0.98 0.00 | 31.14 1.03 0.00 | 27.87 0.83 0.00 | 29.03 0.83 0.00 | 27.61 0.81 0.00 | 27.31 0.75 0.00 | 24.13 0.51 0.00 | 21.91 0.39 0.00 | 23.97 0.35 0.00 | 24.07 0.31 0.00 | 24.57 0.36 0.00 | 25.36 0.39 0.00 | 24.34 0.38 0.00 | 22.43 0.32 0.00 | 24.40 0.45 0.00 | 31.03 0.62 0.00 | 41.30 0.96 0.00 | 45.61 1.26 0.00 | 40.28 1.48 0.00 | 35.30 1.37 0.00 | 29.91 1.12 0.00 | 31.63 0.94 0.00 |
| NCHELSEA_115KV_TR2 355582 | 46.90 1.54 0.00 | 33.66 1.19 0.00 | 28.21 0.91 0.00 | 31.05 0.95 0.00 | 27.88 0.83 0.00 | 29.02 0.82 0.00 | 27.70 0.90 0.00 | 27.56 1.00 0.00 | 24.60 0.97 0.00 | 22.47 0.95 0.00 | 24.73 1.12 0.00 | 24.99 1.23 0.00 | 25.54 1.33 0.00 | 26.36 1.39 0.00 | 25.30 1.34 0.00 | 23.40 1.30 0.00 | 25.29 1.34 0.00 | 31.92 1.51 0.00 | 42.13 1.79 0.00 | 46.08 1.73 0.00 | 40.71 1.91 0.00 | 35.64 1.71 0.00 | 30.22 1.44 0.00 | 31.98 1.29 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 47.05 1.69 0.00 | 34.23 1.42 -0.35 | 28.94 1.14 -0.50 | 31.30 1.21 0.00 | 28.10 1.05 0.00 | 29.27 1.07 0.00 | 27.84 1.05 0.00 | 27.58 1.03 0.00 | 24.60 0.79 -0.19 | 22.50 0.66 -0.31 | 24.48 0.63 -0.23 | 24.34 0.59 0.00 | 24.85 0.64 0.00 | 25.63 0.67 0.00 | 24.62 0.66 0.00 | 22.74 0.63 0.00 | 24.76 0.81 0.00 | 31.52 1.12 0.00 | 41.98 1.64 0.00 | 46.17 1.82 0.00 | 40.71 1.91 0.00 | 35.67 1.75 0.00 | 30.22 1.44 0.00 | 32.03 1.34 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 43.69 -1.67 0.00 | 31.28 -1.19 0.00 | 26.27 -1.03 0.00 | 29.11 -0.99 0.00 | 26.06 -0.99 0.00 | 27.11 -1.08 0.00 | 25.71 -1.09 0.00 | 25.52 -1.04 0.00 | 22.69 -0.93 0.00 | 20.67 -0.86 0.00 | 22.73 -0.89 0.00 | 22.87 -0.89 0.00 | 23.30 -0.91 0.00 | 24.02 -0.94 0.00 | 23.05 -0.91 0.00 | 21.23 -0.87 0.00 | 23.11 -0.84 0.00 | 29.56 -0.85 0.00 | 39.26 -1.08 0.00 | 43.28 -1.08 0.00 | 37.89 -0.91 0.00 | 33.01 -0.92 0.00 | 27.99 -0.79 0.00 | 29.70 -0.98 0.00 |

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| NEG CENTRAL___DRP 24199 | 44.85 -0.51 0.00 | 32.09 -0.38 0.00 | 26.97 -0.33 0.00 | 29.81 -0.28 0.00 | 26.74 -0.31 0.00 | 27.86 -0.34 0.00 | 26.44 -0.35 0.00 | 26.19 -0.37 0.00 | 23.22 -0.40 0.00 | 21.08 -0.44 0.00 | 23.13 -0.49 0.00 | 23.28 -0.47 0.00 | 23.73 -0.48 0.00 | 24.46 -0.50 0.00 | 23.51 -0.45 0.00 | 21.67 -0.44 0.00 | 23.53 -0.42 0.00 | 30.06 -0.35 0.00 | 40.04 -0.30 0.00 | 44.24 -0.11 0.00 | 38.84 0.04 0.00 | 33.89 -0.04 0.00 | 28.76 -0.02 0.00 | 30.51 -0.18 0.00 |
| NEG CENTRAL___INDECK 23768 | 45.76 0.40 0.00 | 32.75 0.29 0.00 | 27.45 0.15 0.00 | 30.48 0.38 0.00 | 27.27 0.22 0.00 | 28.39 0.19 0.00 | 26.88 0.08 0.00 | 26.58 0.02 0.00 | 23.38 -0.24 0.00 | 21.18 -0.35 0.00 | 23.30 -0.31 0.00 | 23.45 -0.31 0.00 | 23.89 -0.32 0.00 | 24.65 -0.31 0.00 | 23.63 -0.33 0.00 | 21.72 -0.39 0.00 | 23.69 -0.27 0.00 | 30.31 -0.09 0.00 | 40.31 -0.03 0.00 | 45.04 0.68 0.00 | 39.86 1.06 0.00 | 34.76 0.83 0.00 | 29.48 0.69 0.00 | 31.26 0.57 0.00 |
| NEG CENTRAL___SENECA 23627 | 44.90 -0.46 0.00 | 32.15 -0.32 0.00 | 27.01 -0.30 0.00 | 29.88 -0.22 0.00 | 26.80 -0.25 0.00 | 27.91 -0.28 0.00 | 26.48 -0.32 0.00 | 26.23 -0.32 0.00 | 23.24 -0.38 0.00 | 21.09 -0.44 0.00 | 23.14 -0.48 0.00 | 23.29 -0.47 0.00 | 23.74 -0.47 0.00 | 24.46 -0.51 0.00 | 23.50 -0.46 0.00 | 21.67 -0.44 0.00 | 23.56 -0.39 0.00 | 30.09 -0.32 0.00 | 40.10 -0.24 0.00 | 44.36 0.00 0.00 | 38.93 0.13 0.00 | 33.96 0.03 0.00 | 28.85 0.07 0.00 | 30.60 -0.09 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 45.08 -0.28 0.00 | 32.18 -0.28 0.00 | 27.06 -0.25 0.00 | 29.88 -0.22 0.00 | 26.81 -0.23 0.00 | 27.94 -0.26 0.00 | 26.53 -0.26 0.00 | 26.27 -0.29 0.00 | 23.30 -0.32 0.00 | 21.17 -0.36 0.00 | 23.22 -0.40 0.00 | 23.43 -0.33 0.00 | 23.86 -0.35 0.00 | 24.62 -0.35 0.00 | 23.66 -0.30 0.00 | 21.76 -0.35 0.00 | 23.62 -0.33 0.00 | 30.22 -0.19 0.00 | 40.23 -0.11 0.00 | 44.41 0.05 0.00 | 39.00 0.20 0.00 | 34.04 0.11 0.00 | 28.85 0.07 0.00 | 30.54 -0.14 0.00 |
| NEG MILLWOOD___DRP 24198 | 47.00 1.64 0.00 | 34.36 1.26 -0.63 | 29.16 0.96 -0.90 | 31.10 0.99 0.00 | 27.92 0.87 0.00 | 29.06 0.87 0.00 | 27.76 0.97 0.00 | 27.64 1.08 0.00 | 25.03 1.07 -0.34 | 23.14 1.05 -0.56 | 25.27 1.25 -0.41 | 25.14 1.38 0.00 | 25.69 1.48 0.00 | 26.50 1.54 0.00 | 25.44 1.48 0.00 | 23.54 1.43 0.00 | 25.40 1.45 0.00 | 32.04 1.63 0.00 | 42.26 1.92 0.00 | 46.19 1.84 0.00 | 40.82 2.02 0.00 | 35.75 1.82 0.00 | 30.31 1.53 0.00 | 32.05 1.36 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 47.08 1.71 0.00 | 33.53 1.06 0.00 | 28.07 0.76 0.00 | 30.93 0.83 0.00 | 27.82 0.77 0.00 | 28.95 0.75 0.00 | 27.47 0.68 0.00 | 27.22 0.66 0.00 | 24.20 0.58 0.00 | 21.98 0.45 0.00 | 24.06 0.44 0.00 | 24.16 0.40 0.00 | 24.54 0.33 0.00 | 25.24 0.27 0.00 | 24.20 0.24 0.00 | 22.39 0.28 0.00 | 24.15 0.20 0.00 | 30.88 0.47 0.00 | 41.38 1.05 0.00 | 45.71 1.36 0.00 | 39.72 0.92 0.00 | 34.54 0.61 0.00 | 29.11 0.33 0.00 | 30.97 0.29 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 46.64 1.28 0.00 | 33.20 0.74 0.00 | 27.81 0.51 0.00 | 30.67 0.57 0.00 | 27.60 0.55 0.00 | 28.72 0.53 0.00 | 27.21 0.42 0.00 | 26.93 0.37 0.00 | 23.94 0.32 0.00 | 21.78 0.25 0.00 | 23.84 0.22 0.00 | 23.94 0.18 0.00 | 24.28 0.07 0.00 | 24.98 0.01 0.00 | 23.94 -0.02 0.00 | 22.11 0.01 0.00 | 23.91 -0.04 0.00 | 30.56 0.15 0.00 | 40.88 0.54 0.00 | 45.20 0.85 0.00 | 39.25 0.45 0.00 | 34.16 0.23 0.00 | 28.80 0.02 0.00 | 30.69 0.01 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 47.15 1.79 0.00 | 33.57 1.11 0.00 | 28.10 0.80 0.00 | 30.97 0.87 0.00 | 27.87 0.82 0.00 | 28.99 0.80 0.00 | 27.50 0.71 0.00 | 27.23 0.67 0.00 | 24.18 0.56 0.00 | 21.96 0.44 0.00 | 24.05 0.43 0.00 | 24.15 0.39 0.00 | 24.53 0.32 0.00 | 25.24 0.27 0.00 | 24.19 0.23 0.00 | 22.37 0.26 0.00 | 24.15 0.20 0.00 | 30.90 0.49 0.00 | 41.42 1.09 0.00 | 45.82 1.47 0.00 | 39.83 1.04 0.00 | 34.65 0.72 0.00 | 29.20 0.41 0.00 | 31.05 0.36 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 47.15 1.79 0.00 | 33.57 1.11 0.00 | 28.10 0.80 0.00 | 30.97 0.87 0.00 | 27.87 0.82 0.00 | 28.99 0.80 0.00 | 27.50 0.71 0.00 | 27.23 0.67 0.00 | 24.18 0.56 0.00 | 21.96 0.44 0.00 | 24.05 0.43 0.00 | 24.15 0.39 0.00 | 24.53 0.32 0.00 | 25.24 0.27 0.00 | 24.19 0.23 0.00 | 22.37 0.26 0.00 | 24.15 0.20 0.00 | 30.90 0.49 0.00 | 41.42 1.09 0.00 | 45.82 1.47 0.00 | 39.83 1.04 0.00 | 34.65 0.72 0.00 | 29.20 0.41 0.00 | 31.05 0.36 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 47.15 1.79 0.00 | 33.57 1.11 0.00 | 28.10 0.80 0.00 | 30.97 0.87 0.00 | 27.87 0.82 0.00 | 28.99 0.80 0.00 | 27.50 0.71 0.00 | 27.23 0.67 0.00 | 24.18 0.56 0.00 | 21.96 0.44 0.00 | 24.05 0.43 0.00 | 24.14 0.39 0.00 | 24.53 0.32 0.00 | 25.24 0.27 0.00 | 24.19 0.23 0.00 | 22.37 0.26 0.00 | 24.15 0.20 0.00 | 30.90 0.49 0.00 | 41.42 1.08 0.00 | 45.82 1.47 0.00 | 39.83 1.03 0.00 | 34.65 0.72 0.00 | 29.20 0.41 0.00 | 31.05 0.36 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 43.27 -2.09 0.00 | 31.04 -1.43 0.00 | 26.01 -1.30 0.00 | 29.09 -1.01 0.00 | 25.93 -1.12 0.00 | 26.86 -1.33 0.00 | 25.25 -1.54 0.00 | 25.20 -1.36 0.00 | 22.54 -1.08 0.00 | 20.53 -1.00 0.00 | 22.67 -0.94 0.00 | 22.78 -0.97 0.00 | 23.21 -1.00 0.00 | 23.86 -1.10 0.00 | 22.86 -1.11 0.00 | 20.78 -1.33 0.00 | 22.67 -1.28 0.00 | 29.07 -1.34 0.00 | 38.35 -1.99 0.00 | 42.47 -1.89 0.00 | 37.19 -1.61 0.00 | 32.32 -1.61 0.00 | 27.61 -1.17 0.00 | 29.46 -1.23 0.00 |
| NEG WEST___LANCASTR 23811 | 43.46 -1.90 0.00 | 31.17 -1.30 0.00 | 26.14 -1.17 0.00 | 29.18 -0.92 0.00 | 26.04 -1.01 0.00 | 27.00 -1.19 0.00 | 25.48 -1.31 0.00 | 25.39 -1.17 0.00 | 22.71 -0.90 0.00 | 20.72 -0.80 0.00 | 22.85 -0.76 0.00 | 23.00 -0.76 0.00 | 23.42 -0.79 0.00 | 24.10 -0.86 0.00 | 23.10 -0.85 0.00 | 21.11 -0.99 0.00 | 22.98 -0.97 0.00 | 29.39 -1.02 0.00 | 38.77 -1.56 0.00 | 42.88 -1.48 0.00 | 37.50 -1.29 0.00 | 32.61 -1.32 0.00 | 27.79 -0.99 0.00 | 29.59 -1.09 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 44.98 -0.38 0.00 | 32.22 -0.25 0.00 | 27.07 -0.23 0.00 | 29.91 -0.19 0.00 | 26.84 -0.21 0.00 | 27.97 -0.22 0.00 | 26.61 -0.18 0.00 | 26.37 -0.19 0.00 | 23.47 -0.16 0.00 | 21.36 -0.16 0.00 | 23.48 -0.14 0.00 | 23.65 -0.10 0.00 | 24.11 -0.10 0.00 | 24.87 -0.10 0.00 | 23.89 -0.07 0.00 | 22.03 -0.08 0.00 | 23.89 -0.06 0.00 | 30.34 -0.07 0.00 | 40.29 -0.05 0.00 | 44.36 0.01 0.00 | 38.90 0.10 0.00 | 33.94 0.01 0.00 | 28.77 -0.01 0.00 | 30.57 -0.12 0.00 |
| NEG___GEN_MONROE 24207 | 44.61 -0.75 0.00 | 31.94 -0.53 0.00 | 26.80 -0.50 0.00 | 29.77 -0.33 0.00 | 26.62 -0.43 0.00 | 27.66 -0.53 0.00 | 26.16 -0.63 0.00 | 25.99 -0.57 0.00 | 23.11 -0.51 0.00 | 21.04 -0.49 0.00 | 23.14 -0.47 0.00 | 23.29 -0.46 0.00 | 23.73 -0.48 0.00 | 24.42 -0.55 0.00 | 23.45 -0.51 0.00 | 21.54 -0.56 0.00 | 23.49 -0.46 0.00 | 30.09 -0.32 0.00 | 39.93 -0.41 0.00 | 44.18 -0.18 0.00 | 38.71 -0.08 0.00 | 33.70 -0.22 0.00 | 28.61 -0.18 0.00 | 30.37 -0.31 0.00 |
| NEPA___ENERGY 23901 | 43.39 -1.98 0.00 | 31.06 -1.41 0.00 | 26.07 -1.23 0.00 | 29.07 -1.03 0.00 | 25.97 -1.08 0.00 | 26.97 -1.22 0.00 | 25.57 -1.22 0.00 | 25.44 -1.12 0.00 | 22.75 -0.87 0.00 | 20.76 -0.77 0.00 | 22.93 -0.69 0.00 | 23.14 -0.62 0.00 | 23.61 -0.60 0.00 | 24.31 -0.66 0.00 | 23.36 -0.60 0.00 | 21.35 -0.75 0.00 | 23.16 -0.79 0.00 | 29.47 -0.94 0.00 | 38.86 -1.48 0.00 | 42.95 -1.41 0.00 | 37.59 -1.21 0.00 | 32.67 -1.26 0.00 | 27.80 -0.98 0.00 | 29.64 -1.05 0.00 |

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| NEVERSINK___HYD 23608 | 46.11 0.75 0.00 | 32.52 0.58 0.53 | 26.94 0.39 0.76 | 30.47 0.37 0.00 | 27.37 0.32 0.00 | 28.49 0.30 0.00 | 27.18 0.38 0.00 | 27.01 0.45 0.00 | 23.82 0.48 0.29 | 21.50 0.46 0.48 | 23.82 0.55 0.35 | 24.39 0.63 0.00 | 24.92 0.72 0.00 | 25.59 0.63 0.00 | 24.00 0.04 0.00 | 22.21 0.11 0.00 | 24.03 0.08 0.00 | 30.43 0.02 0.00 | 40.29 -0.04 0.00 | 44.26 -0.09 0.00 | 40.07 1.28 0.00 | 35.05 1.12 0.00 | 29.69 0.91 0.00 | 31.41 0.72 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 45.93 0.57 0.00 | 33.41 0.58 -0.36 | 28.30 0.48 -0.52 | 30.57 0.48 0.00 | 27.35 0.31 0.00 | 28.48 0.29 0.00 | 27.11 0.32 0.00 | 26.89 0.34 0.00 | 24.07 0.25 -0.19 | 22.08 0.23 -0.32 | 24.06 0.21 -0.24 | 23.96 0.21 0.00 | 24.46 0.25 0.00 | 25.24 0.27 0.00 | 24.22 0.26 0.00 | 22.29 0.18 0.00 | 24.19 0.24 0.00 | 30.67 0.26 0.00 | 40.64 0.30 0.00 | 44.62 0.26 0.00 | 39.33 0.53 0.00 | 34.49 0.56 0.00 | 29.25 0.47 0.00 | 31.00 0.32 0.00 |
| NEWTON___FALLS_HYD 23847 | 47.11 1.75 0.00 | 33.59 1.12 0.00 | 28.11 0.81 0.00 | 30.97 0.87 0.00 | 27.94 0.90 0.00 | 29.21 1.02 0.00 | 27.65 0.86 0.00 | 27.33 0.77 0.00 | 24.07 0.44 0.00 | 21.82 0.29 0.00 | 23.86 0.25 0.00 | 23.95 0.19 0.00 | 24.35 0.14 0.00 | 25.04 0.08 0.00 | 24.00 0.04 0.00 | 22.13 0.03 0.00 | 24.01 0.06 0.00 | 30.69 0.28 0.00 | 41.25 0.91 0.00 | 45.90 1.54 0.00 | 39.87 1.07 0.00 | 34.59 0.66 0.00 | 29.19 0.41 0.00 | 31.09 0.40 0.00 |
| NGRID_A1_DSASP 323792 | 42.61 -2.76 0.00 | 30.59 -1.88 0.00 | 25.63 -1.67 0.00 | 28.69 -1.41 0.00 | 25.57 -1.48 0.00 | 26.50 -1.69 0.00 | 24.93 -1.86 0.00 | 24.89 -1.67 0.00 | 22.27 -1.35 0.00 | 20.30 -1.22 0.00 | 22.43 -1.19 0.00 | 22.54 -1.21 0.00 | 22.96 -1.25 0.00 | 23.66 -1.31 0.00 | 22.57 -1.39 0.00 | 20.56 -1.54 0.00 | 22.42 -1.53 0.00 | 28.73 -1.68 0.00 | 37.84 -2.50 0.00 | 41.85 -2.50 0.00 | 36.62 -2.18 0.00 | 31.81 -2.12 0.00 | 27.21 -1.57 0.00 | 28.98 -1.70 0.00 |
| NGRID_A2_DSASP 323793 | 42.61 -2.76 0.00 | 30.59 -1.88 0.00 | 25.63 -1.67 0.00 | 28.69 -1.41 0.00 | 25.57 -1.48 0.00 | 26.50 -1.69 0.00 | 24.93 -1.86 0.00 | 24.89 -1.67 0.00 | 22.27 -1.35 0.00 | 20.30 -1.22 0.00 | 22.43 -1.19 0.00 | 22.54 -1.21 0.00 | 22.96 -1.25 0.00 | 23.66 -1.31 0.00 | 22.57 -1.39 0.00 | 20.56 -1.54 0.00 | 22.42 -1.53 0.00 | 28.73 -1.68 0.00 | 37.84 -2.50 0.00 | 41.85 -2.50 0.00 | 36.62 -2.18 0.00 | 31.81 -2.12 0.00 | 27.21 -1.57 0.00 | 28.98 -1.70 0.00 |
| NGRID_A4_DSASP 323807 | 42.61 -2.76 0.00 | 30.59 -1.88 0.00 | 25.63 -1.67 0.00 | 28.69 -1.41 0.00 | 25.57 -1.48 0.00 | 26.50 -1.69 0.00 | 24.93 -1.86 0.00 | 24.89 -1.67 0.00 | 22.27 -1.35 0.00 | 20.30 -1.22 0.00 | 22.43 -1.19 0.00 | 22.54 -1.21 0.00 | 22.96 -1.25 0.00 | 23.66 -1.31 0.00 | 22.57 -1.39 0.00 | 20.56 -1.54 0.00 | 22.42 -1.53 0.00 | 28.73 -1.68 0.00 | 37.84 -2.50 0.00 | 41.85 -2.50 0.00 | 36.62 -2.18 0.00 | 31.81 -2.12 0.00 | 27.21 -1.57 0.00 | 28.98 -1.70 0.00 |
| NIAGARA_115E_LBMP 323715 | 42.73 -2.64 0.00 | 30.67 -1.79 0.00 | 25.70 -1.60 0.00 | 28.75 -1.35 0.00 | 25.65 -1.40 0.00 | 26.58 -1.61 0.00 | 25.00 -1.79 0.00 | 24.95 -1.60 0.00 | 22.35 -1.27 0.00 | 20.32 -1.20 0.00 | 22.45 -1.17 0.00 | 22.55 -1.21 0.00 | 22.98 -1.23 0.00 | 23.68 -1.29 0.00 | 22.59 -1.37 0.00 | 20.47 -1.64 0.00 | 22.32 -1.63 0.00 | 28.62 -1.79 0.00 | 37.72 -2.62 0.00 | 41.75 -2.61 0.00 | 36.55 -2.24 0.00 | 31.76 -2.17 0.00 | 27.20 -1.58 0.00 | 29.08 -1.61 0.00 |
| NIAGARA_115W_LBMP 323714 | 42.52 -2.85 0.00 | 30.52 -1.94 0.00 | 25.59 -1.72 0.00 | 28.63 -1.47 0.00 | 25.52 -1.52 0.00 | 26.44 -1.75 0.00 | 24.89 -1.90 0.00 | 24.83 -1.72 0.00 | 22.24 -1.38 0.00 | 20.26 -1.27 0.00 | 22.38 -1.23 0.00 | 22.49 -1.26 0.00 | 22.91 -1.30 0.00 | 23.61 -1.36 0.00 | 22.52 -1.44 0.00 | 20.51 -1.59 0.00 | 22.37 -1.58 0.00 | 28.66 -1.75 0.00 | 37.75 -2.59 0.00 | 41.75 -2.60 0.00 | 36.53 -2.27 0.00 | 31.74 -2.19 0.00 | 27.15 -1.63 0.00 | 28.92 -1.77 0.00 |
| NIAGARA_230_LBMP 323716 | 42.88 -2.48 0.00 | 30.78 -1.69 0.00 | 25.81 -1.50 0.00 | 28.87 -1.23 0.00 | 25.74 -1.31 0.00 | 26.67 -1.52 0.00 | 25.12 -1.67 0.00 | 25.05 -1.51 0.00 | 22.42 -1.21 0.00 | 20.42 -1.10 0.00 | 22.56 -1.06 0.00 | 22.67 -1.09 0.00 | 23.08 -1.13 0.00 | 23.79 -1.18 0.00 | 22.70 -1.26 0.00 | 20.68 -1.42 0.00 | 22.54 -1.41 0.00 | 28.88 -1.53 0.00 | 38.03 -2.31 0.00 | 42.06 -2.29 0.00 | 36.81 -1.99 0.00 | 31.98 -1.95 0.00 | 27.35 -1.43 0.00 | 29.15 -1.54 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 42.51 -2.85 0.00 | 30.52 -1.95 0.00 | 25.58 -1.72 0.00 | 28.63 -1.47 0.00 | 25.52 -1.52 0.00 | 26.42 -1.77 0.00 | 24.83 -1.97 0.00 | 24.79 -1.77 0.00 | 22.20 -1.42 0.00 | 20.25 -1.27 0.00 | 22.37 -1.24 0.00 | 22.50 -1.26 0.00 | 22.91 -1.30 0.00 | 23.54 -1.43 0.00 | 22.52 -1.44 0.00 | 20.51 -1.60 0.00 | 22.37 -1.58 0.00 | 28.66 -1.75 0.00 | 37.74 -2.60 0.00 | 41.75 -2.60 0.00 | 36.53 -2.27 0.00 | 31.75 -2.18 0.00 | 27.14 -1.65 0.00 | 28.92 -1.76 0.00 |
| NIAGARA____ 23760 | 42.88 -2.48 0.00 | 30.78 -1.69 0.00 | 25.81 -1.50 0.00 | 28.87 -1.23 0.00 | 25.74 -1.31 0.00 | 26.67 -1.52 0.00 | 25.12 -1.67 0.00 | 25.05 -1.51 0.00 | 22.42 -1.21 0.00 | 20.42 -1.10 0.00 | 22.56 -1.06 0.00 | 22.67 -1.09 0.00 | 23.08 -1.13 0.00 | 23.79 -1.18 0.00 | 22.70 -1.26 0.00 | 20.68 -1.42 0.00 | 22.54 -1.41 0.00 | 28.88 -1.53 0.00 | 38.03 -2.31 0.00 | 42.06 -2.29 0.00 | 36.81 -1.99 0.00 | 31.98 -1.95 0.00 | 27.35 -1.43 0.00 | 29.15 -1.54 0.00 |
| NINE_MILE_1 23575 | 43.67 -1.69 0.00 | 31.30 -1.17 0.00 | 26.37 -0.94 0.00 | 29.09 -1.01 0.00 | 26.11 -0.93 0.00 | 27.20 -1.00 0.00 | 25.83 -0.96 0.00 | 25.60 -0.95 0.00 | 22.77 -0.85 0.00 | 20.74 -0.78 0.00 | 22.75 -0.86 0.00 | 22.87 -0.88 0.00 | 23.27 -0.93 0.00 | 24.02 -0.95 0.00 | 23.06 -0.90 0.00 | 21.28 -0.83 0.00 | 23.07 -0.88 0.00 | 29.32 -1.09 0.00 | 38.89 -1.45 0.00 | 42.79 -1.56 0.00 | 37.53 -1.27 0.00 | 32.78 -1.15 0.00 | 27.80 -0.98 0.00 | 29.59 -1.10 0.00 |
| NINE_MILE_2 23744 | 43.67 -1.69 0.00 | 31.31 -1.16 0.00 | 26.37 -0.94 0.00 | 29.09 -1.01 0.00 | 26.12 -0.93 0.00 | 27.20 -0.99 0.00 | 25.83 -0.96 0.00 | 25.60 -0.95 0.00 | 22.77 -0.85 0.00 | 20.74 -0.78 0.00 | 22.76 -0.86 0.00 | 22.87 -0.88 0.00 | 23.27 -0.93 0.00 | 24.02 -0.95 0.00 | 23.06 -0.90 0.00 | 21.28 -0.83 0.00 | 23.07 -0.88 0.00 | 29.32 -1.09 0.00 | 38.89 -1.45 0.00 | 42.80 -1.56 0.00 | 37.53 -1.27 0.00 | 32.78 -1.15 0.00 | 27.80 -0.98 0.00 | 29.59 -1.10 0.00 |
| NM_CAPITAL___DRP 24208 | 45.96 0.59 0.00 | 33.46 0.62 -0.37 | 28.34 0.51 -0.53 | 30.61 0.51 0.00 | 27.40 0.36 0.00 | 28.53 0.34 0.00 | 27.16 0.37 0.00 | 26.95 0.39 0.00 | 24.12 0.31 -0.20 | 22.13 0.27 -0.33 | 24.12 0.26 -0.24 | 24.01 0.25 0.00 | 24.52 0.31 0.00 | 25.29 0.32 0.00 | 24.27 0.31 0.00 | 22.33 0.22 0.00 | 24.24 0.28 0.00 | 30.71 0.30 0.00 | 40.68 0.34 0.00 | 44.65 0.30 0.00 | 39.39 0.59 0.00 | 34.56 0.63 0.00 | 29.31 0.53 0.00 | 31.06 0.37 0.00 |
| NM_CENTRAL___DRP 24181 | 44.35 -1.02 0.00 | 31.80 -0.66 0.00 | 26.78 -0.53 0.00 | 29.55 -0.56 0.00 | 26.52 -0.53 0.00 | 27.63 -0.56 0.00 | 26.26 -0.53 0.00 | 26.03 -0.53 0.00 | 23.14 -0.48 0.00 | 21.07 -0.45 0.00 | 23.14 -0.48 0.00 | 23.27 -0.48 0.00 | 23.69 -0.52 0.00 | 24.42 -0.55 0.00 | 23.45 -0.51 0.00 | 21.63 -0.48 0.00 | 23.46 -0.49 0.00 | 29.85 -0.55 0.00 | 39.66 -0.68 0.00 | 43.63 -0.72 0.00 | 38.27 -0.53 0.00 | 33.40 -0.53 0.00 | 28.30 -0.48 0.00 | 30.09 -0.60 0.00 |

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| NM_FRONTIER___DRP 24179 | 42.51 -2.85 0.00 | 30.52 -1.95 0.00 | 25.58 -1.72 0.00 | 28.63 -1.47 0.00 | 25.52 -1.52 0.00 | 26.42 -1.77 0.00 | 24.83 -1.97 0.00 | 24.79 -1.77 0.00 | 22.20 -1.42 0.00 | 20.25 -1.27 0.00 | 22.37 -1.24 0.00 | 22.50 -1.26 0.00 | 22.91 -1.30 0.00 | 23.54 -1.43 0.00 | 22.52 -1.44 0.00 | 20.51 -1.60 0.00 | 22.37 -1.58 0.00 | 28.66 -1.75 0.00 | 37.74 -2.60 0.00 | 41.75 -2.60 0.00 | 36.53 -2.27 0.00 | 31.75 -2.18 0.00 | 27.14 -1.65 0.00 | 28.92 -1.76 0.00 |
| NM_ST_REGIS___HYD 24053 | 47.12 1.76 0.00 | 33.53 1.07 0.00 | 28.03 0.72 0.00 | 30.88 0.77 0.00 | 27.91 0.86 0.00 | 29.19 0.99 0.00 | 27.59 0.80 0.00 | 27.33 0.77 0.00 | 24.19 0.57 0.00 | 21.99 0.46 0.00 | 24.09 0.47 0.00 | 24.20 0.45 0.00 | 24.60 0.39 0.00 | 25.29 0.32 0.00 | 24.23 0.27 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 31.01 0.60 0.00 | 41.53 1.19 0.00 | 46.07 1.71 0.00 | 40.03 1.24 0.00 | 34.90 0.97 0.00 | 29.44 0.66 0.00 | 31.44 0.76 0.00 |
| NORTHPORT___1 23551 | 47.52 2.16 0.00 | 36.16 1.49 -2.20 | 31.42 0.97 -3.15 | 31.08 0.98 0.00 | 27.95 0.90 0.00 | 29.10 0.90 0.00 | 28.01 1.22 0.00 | 27.90 1.34 0.00 | 26.13 1.32 -1.19 | 24.75 1.24 -1.98 | 35.14 1.72 -9.80 | 26.34 1.81 -0.77 | 26.07 1.86 0.00 | 26.79 1.82 0.00 | 25.62 1.66 0.00 | 23.61 1.50 0.00 | 25.26 1.30 0.00 | 31.60 1.19 0.00 | 41.89 1.56 0.00 | 45.29 0.93 0.00 | 40.24 1.44 0.00 | 35.11 1.18 0.00 | 29.79 1.01 0.00 | 31.64 0.95 0.00 |
| NORTHPORT___2 23552 | 47.52 2.16 0.00 | 36.16 1.49 -2.20 | 31.42 0.97 -3.15 | 31.08 0.98 0.00 | 27.95 0.90 0.00 | 29.10 0.90 0.00 | 28.01 1.22 0.00 | 27.90 1.34 0.00 | 26.13 1.32 -1.19 | 24.75 1.24 -1.98 | 35.14 1.72 -9.80 | 26.34 1.81 -0.77 | 26.07 1.86 0.00 | 26.79 1.82 0.00 | 25.62 1.66 0.00 | 23.61 1.50 0.00 | 25.26 1.30 0.00 | 31.60 1.19 0.00 | 41.89 1.56 0.00 | 45.29 0.93 0.00 | 40.24 1.44 0.00 | 35.11 1.18 0.00 | 29.79 1.01 0.00 | 31.64 0.95 0.00 |
| NORTHPORT___3 23553 | 47.59 2.23 0.00 | 36.23 1.56 -2.20 | 31.50 1.05 -3.15 | 31.16 1.06 0.00 | 28.02 0.97 0.00 | 29.16 0.97 0.00 | 28.05 1.26 0.00 | 27.93 1.37 0.00 | 26.16 1.35 -1.19 | 24.77 1.27 -1.98 | 35.18 1.76 -9.80 | 26.41 1.88 -0.77 | 26.12 1.91 0.00 | 26.86 1.89 0.00 | 25.68 1.72 0.00 | 23.69 1.58 0.00 | 25.35 1.40 0.00 | 31.77 1.36 0.00 | 42.11 1.77 0.00 | 45.52 1.16 0.00 | 40.40 1.60 0.00 | 35.27 1.34 0.00 | 29.92 1.13 0.00 | 31.79 1.10 0.00 |
| NORTHPORT___4 23650 | 47.59 2.23 0.00 | 36.23 1.56 -2.20 | 31.50 1.05 -3.15 | 31.16 1.06 0.00 | 28.02 0.97 0.00 | 29.16 0.97 0.00 | 28.05 1.26 0.00 | 27.93 1.37 0.00 | 26.16 1.35 -1.19 | 24.77 1.27 -1.98 | 35.18 1.76 -9.80 | 26.41 1.88 -0.77 | 26.12 1.91 0.00 | 26.86 1.89 0.00 | 25.68 1.72 0.00 | 23.69 1.58 0.00 | 25.35 1.40 0.00 | 31.77 1.36 0.00 | 42.11 1.77 0.00 | 45.52 1.16 0.00 | 40.40 1.60 0.00 | 35.27 1.34 0.00 | 29.92 1.13 0.00 | 31.79 1.10 0.00 |
| NORTHPORT___IC 23718 | 47.52 2.16 0.00 | 36.16 1.49 -2.20 | 31.43 0.97 -3.15 | 31.08 0.98 0.00 | 27.95 0.90 0.00 | 29.10 0.91 0.00 | 28.03 1.23 0.00 | 27.90 1.35 0.00 | 26.14 1.33 -1.19 | 24.75 1.24 -1.98 | 35.14 1.73 -9.80 | 26.34 1.81 -0.77 | 26.07 1.86 0.00 | 26.80 1.84 0.00 | 25.62 1.66 0.00 | 23.61 1.50 0.00 | 25.26 1.31 0.00 | 31.60 1.19 0.00 | 41.89 1.55 0.00 | 45.29 0.93 0.00 | 40.24 1.44 0.00 | 35.11 1.18 0.00 | 29.80 1.02 0.00 | 31.64 0.95 0.00 |
| NORTH___COUNTRY_ESR 323785 | 46.53 1.16 0.00 | 33.12 0.66 0.00 | 27.75 0.45 0.00 | 30.60 0.51 0.00 | 27.54 0.49 0.00 | 28.66 0.47 0.00 | 27.16 0.36 0.00 | 26.90 0.34 0.00 | 23.93 0.31 0.00 | 21.78 0.25 0.00 | 23.84 0.22 0.00 | 23.93 0.17 0.00 | 24.29 0.07 0.00 | 24.98 0.01 0.00 | 23.93 -0.03 0.00 | 22.11 0.00 0.00 | 23.91 -0.04 0.00 | 30.56 0.15 0.00 | 40.87 0.53 0.00 | 45.13 0.77 0.00 | 39.14 0.34 0.00 | 34.06 0.13 0.00 | 28.71 -0.07 0.00 | 30.60 -0.08 0.00 |
| NPX_GEN_1385_PROXY 323591 | 47.52 2.16 0.00 | 36.16 1.49 -2.20 | 31.42 0.97 -3.15 | 31.08 0.98 0.00 | 27.95 0.90 0.00 | 29.10 0.90 0.00 | 28.01 1.22 0.00 | 27.90 1.34 0.00 | 26.13 1.32 -1.19 | 24.75 1.24 -1.98 | 35.14 1.72 -9.80 | 26.34 1.81 -0.77 | 26.07 1.86 0.00 | 26.79 1.82 0.00 | 25.62 1.66 0.00 | 23.61 1.50 0.00 | 25.24 1.29 0.00 | 31.26 0.86 0.00 | 41.68 1.34 0.00 | 45.32 0.96 0.00 | 40.27 1.47 0.00 | 35.14 1.22 0.00 | 29.91 1.13 0.00 | 31.64 0.95 0.00 |
| NPX_GEN_CSC 323557 | 48.12 2.76 0.00 | 36.51 1.84 -2.20 | 31.53 1.07 -3.15 | 31.19 1.09 0.00 | 28.07 1.02 0.00 | 29.24 1.05 0.00 | 28.48 1.69 0.00 | 28.39 1.83 0.00 | 26.61 1.81 -1.19 | 25.21 1.71 -1.98 | 35.57 2.15 -9.80 | 26.53 2.00 -0.77 | 26.26 2.06 0.00 | 26.91 1.94 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.44 1.49 0.00 | 31.87 1.46 0.00 | 42.19 1.86 0.00 | 45.55 1.20 0.00 | 40.57 1.77 0.00 | 35.25 1.32 0.00 | 29.88 1.09 0.00 | 31.54 0.86 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 47.22 1.85 0.00 | 34.41 1.61 -0.34 | 29.04 1.25 -0.48 | 31.40 1.30 0.00 | 28.20 1.16 0.00 | 29.39 1.20 0.00 | 27.95 1.15 0.00 | 27.64 1.09 0.00 | 24.57 0.77 -0.18 | 22.45 0.63 -0.30 | 24.32 0.49 -0.22 | 24.17 0.41 0.00 | 24.65 0.44 0.00 | 25.42 0.46 0.00 | 24.41 0.45 0.00 | 22.60 0.49 0.00 | 24.62 0.67 0.00 | 31.48 1.07 0.00 | 42.18 1.84 0.00 | 46.42 2.06 0.00 | 41.05 2.26 0.00 | 35.94 2.01 0.00 | 30.42 1.64 0.00 | 32.26 1.57 0.00 |
| NUCOR_STEEL___DRP 24197 | 45.05 -0.31 0.00 | 32.14 -0.32 0.00 | 27.03 -0.27 0.00 | 29.85 -0.25 0.00 | 26.78 -0.26 0.00 | 27.91 -0.28 0.00 | 26.50 -0.29 0.00 | 26.25 -0.31 0.00 | 23.28 -0.34 0.00 | 21.16 -0.37 0.00 | 23.21 -0.40 0.00 | 23.43 -0.32 0.00 | 23.86 -0.35 0.00 | 24.62 -0.34 0.00 | 23.66 -0.30 0.00 | 21.75 -0.36 0.00 | 23.61 -0.34 0.00 | 30.21 -0.20 0.00 | 40.20 -0.14 0.00 | 44.37 0.02 0.00 | 38.96 0.16 0.00 | 34.00 0.07 0.00 | 28.83 0.05 0.00 | 30.49 -0.19 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 47.21 1.84 0.00 | 33.72 1.25 0.00 | 28.28 0.97 0.00 | 31.16 1.06 0.00 | 28.04 0.99 0.00 | 29.25 1.06 0.00 | 27.74 0.95 0.00 | 27.36 0.80 0.00 | 24.04 0.42 0.00 | 21.76 0.23 0.00 | 23.79 0.17 0.00 | 23.85 0.09 0.00 | 24.26 0.05 0.00 | 24.95 -0.02 0.00 | 23.92 -0.04 0.00 | 22.04 -0.07 0.00 | 23.92 -0.02 0.00 | 30.52 0.11 0.00 | 41.14 0.80 0.00 | 45.78 1.42 0.00 | 39.63 0.83 0.00 | 34.16 0.23 0.00 | 28.81 0.03 0.00 | 30.63 -0.05 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 45.36 0.00 0.00 | 32.47 0.00 0.00 | 27.30 0.00 0.00 | 30.10 0.00 0.00 | 27.05 0.00 0.00 | 28.19 0.00 0.00 | 26.79 0.00 0.00 | 26.56 0.00 0.00 | 23.62 0.00 0.00 | 21.52 0.00 0.00 | 23.61 0.00 0.00 | 23.76 0.00 0.00 | 24.21 0.00 0.00 | 24.97 0.00 0.00 | 23.96 0.00 0.00 | 22.11 0.00 0.00 | 23.95 0.00 0.00 | 30.41 0.00 0.00 | 40.34 0.00 0.00 | 44.36 0.00 0.00 | 38.80 0.00 0.00 | 33.93 0.00 0.00 | 28.78 0.00 0.00 | 30.69 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 48.10 2.74 0.00 | 36.54 1.87 -2.20 | 31.72 1.26 -3.15 | 31.40 1.30 0.00 | 28.23 1.19 0.00 | 29.39 1.19 0.00 | 28.31 1.51 0.00 | 28.21 1.66 0.00 | 26.43 1.62 -1.19 | 25.02 1.52 -1.98 | 35.42 2.01 -9.80 | 26.61 2.08 -0.77 | 26.35 2.14 0.00 | 27.11 2.14 0.00 | 25.96 2.00 0.00 | 23.98 1.87 0.00 | 25.69 1.74 0.00 | 32.17 1.76 0.00 | 42.64 2.30 0.00 | 46.07 1.72 0.00 | 40.92 2.12 0.00 | 35.68 1.75 0.00 | 30.25 1.47 0.00 | 32.06 1.37 0.00 |

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| NYPA_GOWANUS____GT5 24156 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NYPA_GOWANUS____GT6 24157 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.20 0.00 | 28.12 1.07 0.00 | 29.24 1.05 0.00 | 27.96 1.17 0.00 | 27.87 1.30 -0.01 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.67 1.60 -1.45 | 25.58 1.81 -0.01 | 26.16 1.95 -0.01 | 26.96 1.98 -0.01 | 25.90 1.93 -0.01 | 23.93 1.81 -0.01 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.58 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.32 0.00 | 36.02 2.09 0.00 | 30.63 1.85 -0.01 | 32.42 1.74 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 47.12 1.76 0.00 | 36.03 1.36 -2.21 | 31.47 1.01 -3.16 | 31.12 1.02 0.00 | 27.96 0.92 0.00 | 29.08 0.89 0.00 | 27.79 1.00 0.00 | 27.72 1.16 0.00 | 26.05 1.24 -1.19 | 24.73 1.22 -1.99 | 26.56 1.50 -1.45 | 25.43 1.67 -0.01 | 26.00 1.78 -0.01 | 26.76 1.79 -0.01 | 25.72 1.75 -0.01 | 23.75 1.64 -0.01 | 25.51 1.56 0.00 | 32.08 1.67 0.00 | 42.31 1.98 0.00 | 46.16 1.80 0.00 | 40.89 2.09 0.00 | 35.88 1.96 0.00 | 30.45 1.66 -0.01 | 32.22 1.53 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 47.12 1.76 0.00 | 36.03 1.36 -2.21 | 31.47 1.01 -3.16 | 31.12 1.02 0.00 | 27.96 0.92 0.00 | 29.08 0.89 0.00 | 27.79 1.00 0.00 | 27.72 1.16 0.00 | 26.05 1.24 -1.19 | 24.73 1.22 -1.99 | 26.56 1.50 -1.45 | 25.43 1.67 -0.01 | 26.00 1.78 -0.01 | 26.76 1.79 -0.01 | 25.72 1.75 -0.01 | 23.75 1.64 -0.01 | 25.51 1.56 0.00 | 32.08 1.67 0.00 | 42.31 1.98 0.00 | 46.16 1.80 0.00 | 40.89 2.09 0.00 | 35.88 1.96 0.00 | 30.45 1.66 -0.01 | 32.22 1.53 0.00 |
| NYPA_KENT____GT 24152 | 47.34 1.97 0.00 | 36.15 1.48 -2.21 | 31.59 1.13 -3.16 | 31.26 1.16 0.00 | 28.09 1.04 0.00 | 29.22 1.02 0.00 | 27.94 1.15 0.00 | 27.86 1.29 -0.01 | 26.14 1.32 -1.19 | 24.82 1.31 -1.99 | 26.65 1.59 -1.45 | 25.54 1.78 -0.01 | 26.13 1.91 -0.01 | 26.92 1.95 -0.01 | 25.86 1.89 -0.01 | 23.89 1.78 -0.01 | 25.68 1.72 0.00 | 32.25 1.84 0.00 | 42.48 2.14 0.00 | 46.32 1.96 0.00 | 41.03 2.23 0.00 | 35.95 2.02 0.00 | 30.59 1.80 -0.01 | 32.36 1.68 0.00 |
| NYPA_POUCH1____GT 24155 | 47.31 1.95 0.00 | 36.15 1.47 -2.21 | 31.58 1.11 -3.16 | 31.26 1.16 0.00 | 28.08 1.03 0.00 | 29.21 1.01 0.00 | 27.93 1.14 0.00 | 27.83 1.27 -0.01 | 26.13 1.31 -1.19 | 24.81 1.29 -1.99 | 26.62 1.55 -1.45 | 25.53 1.77 -0.01 | 26.13 1.91 -0.01 | 26.92 1.95 -0.01 | 25.87 1.90 -0.01 | 23.88 1.77 -0.01 | 25.67 1.72 0.00 | 32.30 1.89 0.00 | 42.55 2.21 0.00 | 46.36 2.01 0.00 | 41.08 2.28 0.00 | 35.98 2.05 0.00 | 30.59 1.81 -0.01 | 32.54 1.86 0.00 |
| NYPA_VERNON____GT2 24162 | 47.28 1.91 0.00 | 36.11 1.44 -2.21 | 31.57 1.10 -3.16 | 31.23 1.13 0.00 | 28.08 1.03 0.00 | 29.19 1.00 0.00 | 27.93 1.13 0.00 | 27.84 1.28 -0.01 | 26.11 1.30 -1.19 | 24.80 1.29 -1.99 | 26.64 1.57 -1.45 | 25.52 1.75 -0.01 | 26.10 1.88 -0.01 | 26.89 1.91 -0.01 | 25.82 1.86 -0.01 | 23.86 1.75 -0.01 | 25.63 1.68 0.00 | 32.17 1.76 0.00 | 42.37 2.03 0.00 | 46.22 1.86 0.00 | 40.95 2.15 0.00 | 35.88 1.95 0.00 | 30.54 1.75 -0.01 | 32.30 1.61 0.00 |
| NYPA_VERNON____GT3 24163 | 47.28 1.91 0.00 | 36.11 1.44 -2.21 | 31.57 1.10 -3.16 | 31.23 1.13 0.00 | 28.08 1.03 0.00 | 29.19 1.00 0.00 | 27.93 1.13 0.00 | 27.84 1.28 -0.01 | 26.11 1.30 -1.19 | 24.80 1.29 -1.99 | 26.64 1.57 -1.45 | 25.52 1.75 -0.01 | 26.10 1.88 -0.01 | 26.89 1.91 -0.01 | 25.82 1.86 -0.01 | 23.86 1.75 -0.01 | 25.63 1.68 0.00 | 32.17 1.76 0.00 | 42.37 2.03 0.00 | 46.22 1.86 0.00 | 40.95 2.15 0.00 | 35.88 1.95 0.00 | 30.54 1.75 -0.01 | 32.30 1.61 0.00 |
| NYPA____ASTORIA_CC1 323568 | 47.23 1.87 0.00 | 36.09 1.41 -2.21 | 31.55 1.08 -3.16 | 31.21 1.11 0.00 | 28.07 1.01 0.00 | 29.18 0.99 0.00 | 27.91 1.12 0.00 | 27.83 1.26 -0.01 | 26.10 1.29 -1.19 | 24.78 1.27 -1.99 | 26.62 1.55 -1.45 | 25.50 1.74 -0.01 | 26.08 1.87 -0.01 | 26.87 1.90 -0.01 | 25.81 1.84 -0.01 | 23.85 1.73 -0.01 | 25.61 1.66 0.00 | 32.13 1.72 0.00 | 42.32 1.99 0.00 | 46.16 1.80 0.00 | 40.91 2.11 0.00 | 35.85 1.91 0.00 | 30.51 1.73 -0.01 | 32.27 1.58 0.00 |
| NYPA____ASTORIA_CC2 323569 | 47.23 1.87 0.00 | 36.09 1.41 -2.21 | 31.55 1.08 -3.16 | 31.21 1.11 0.00 | 28.07 1.01 0.00 | 29.18 0.99 0.00 | 27.91 1.12 0.00 | 27.83 1.26 -0.01 | 26.10 1.29 -1.19 | 24.78 1.27 -1.99 | 26.62 1.55 -1.45 | 25.50 1.74 -0.01 | 26.08 1.87 -0.01 | 26.87 1.90 -0.01 | 25.81 1.84 -0.01 | 23.85 1.73 -0.01 | 25.61 1.66 0.00 | 32.13 1.72 0.00 | 42.32 1.99 0.00 | 46.16 1.80 0.00 | 40.91 2.11 0.00 | 35.85 1.91 0.00 | 30.51 1.73 -0.01 | 32.27 1.58 0.00 |
| NYPA____HOLTSVILL 23794 | 47.86 2.50 0.00 | 36.37 1.70 -2.20 | 31.53 1.08 -3.15 | 31.20 1.09 0.00 | 28.07 1.02 0.00 | 29.22 1.03 0.00 | 28.23 1.43 0.00 | 28.14 1.58 0.00 | 26.38 1.57 -1.19 | 24.98 1.48 -1.98 | 35.33 1.92 -9.80 | 26.46 1.93 -0.77 | 26.18 1.98 0.00 | 26.91 1.94 0.00 | 25.76 1.80 0.00 | 23.80 1.70 0.00 | 25.48 1.53 0.00 | 31.90 1.49 0.00 | 42.22 1.89 0.00 | 45.61 1.26 0.00 | 40.59 1.79 0.00 | 35.36 1.43 0.00 | 29.97 1.19 0.00 | 31.73 1.04 0.00 |
| NYPA____HELLGATE_GT1 24158 | 47.12 1.76 0.00 | 36.03 1.36 -2.21 | 31.47 1.01 -3.16 | 31.12 1.02 0.00 | 27.96 0.92 0.00 | 29.08 0.89 0.00 | 27.79 1.00 0.00 | 27.72 1.16 -0.01 | 26.05 1.24 -1.19 | 24.73 1.22 -1.99 | 26.56 1.50 -1.45 | 25.43 1.67 -0.01 | 26.00 1.78 -0.01 | 26.76 1.79 -0.01 | 25.72 1.75 -0.01 | 23.75 1.64 -0.01 | 25.51 1.56 0.00 | 32.08 1.67 0.00 | 42.31 1.98 0.00 | 46.16 1.80 0.00 | 40.89 2.09 0.00 | 35.88 1.96 0.00 | 30.45 1.66 -0.01 | 32.22 1.53 0.00 |
| NYPA____HELLGATE_GT2 24159 | 47.12 1.76 0.00 | 36.03 1.36 -2.21 | 31.47 1.01 -3.16 | 31.12 1.02 0.00 | 27.96 0.92 0.00 | 29.08 0.89 0.00 | 27.79 1.00 0.00 | 27.72 1.16 -0.01 | 26.05 1.24 -1.19 | 24.73 1.22 -1.99 | 26.56 1.50 -1.45 | 25.43 1.67 -0.01 | 26.00 1.78 -0.01 | 26.76 1.79 -0.01 | 25.72 1.75 -0.01 | 23.75 1.64 -0.01 | 25.51 1.56 0.00 | 32.08 1.67 0.00 | 42.31 1.98 0.00 | 46.16 1.80 0.00 | 40.89 2.09 0.00 | 35.88 1.96 0.00 | 30.45 1.66 -0.01 | 32.22 1.53 0.00 |
| NYS_BARGE____HYD 23848 | 43.28 -2.08 0.00 | 31.06 -1.41 0.00 | 26.02 -1.28 0.00 | 29.10 -1.00 0.00 | 25.95 -1.10 0.00 | 26.90 -1.29 0.00 | 25.32 -1.47 0.00 | 25.26 -1.30 0.00 | 22.58 -1.04 0.00 | 20.53 -0.99 0.00 | 22.68 -0.93 0.00 | 22.78 -0.97 0.00 | 23.22 -0.99 0.00 | 23.93 -1.03 0.00 | 22.86 -1.10 0.00 | 20.78 -1.33 0.00 | 22.67 -1.28 0.00 | 29.07 -1.33 0.00 | 38.37 -1.97 0.00 | 42.50 -1.86 0.00 | 37.22 -1.58 0.00 | 32.33 -1.60 0.00 | 27.64 -1.14 0.00 | 29.48 -1.20 0.00 |
| OAK ORCHARD____HYD 24046 | 44.42 -0.94 0.00 | 31.81 -0.65 0.00 | 26.71 -0.59 0.00 | 29.64 -0.46 0.00 | 26.51 -0.54 0.00 | 27.57 -0.62 0.00 | 26.12 -0.68 0.00 | 25.94 -0.62 0.00 | 23.08 -0.54 0.00 | 21.03 -0.49 0.00 | 23.14 -0.47 0.00 | 23.30 -0.46 0.00 | 23.73 -0.48 0.00 | 24.48 -0.49 0.00 | 23.47 -0.49 0.00 | 21.58 -0.53 0.00 | 23.50 -0.45 0.00 | 30.06 -0.35 0.00 | 39.87 -0.47 0.00 | 43.99 -0.37 0.00 | 38.52 -0.28 0.00 | 33.53 -0.39 0.00 | 28.46 -0.32 0.00 | 30.21 -0.47 0.00 |

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| OAKDALE___35_KV_LOAD 356122 | 44.79 -0.58 0.00 | 32.08 -0.39 0.00 | 26.95 -0.35 0.00 | 29.79 -0.31 0.00 | 26.73 -0.31 0.00 | 27.85 -0.34 0.00 | 26.49 -0.30 0.00 | 26.26 -0.30 0.00 | 23.38 -0.25 0.00 | 21.29 -0.23 0.00 | 23.40 -0.21 0.00 | 23.58 -0.18 0.00 | 24.03 -0.18 0.00 | 24.78 -0.18 0.00 | 23.81 -0.15 0.00 | 21.95 -0.16 0.00 | 23.80 -0.16 0.00 | 30.22 -0.19 0.00 | 40.09 -0.25 0.00 | 44.15 -0.21 0.00 | 38.72 -0.08 0.00 | 33.79 -0.14 0.00 | 28.65 -0.13 0.00 | 30.44 -0.24 0.00 |
| OCC_CHEM___DRP 24175 | 42.61 -2.76 0.00 | 30.58 -1.88 0.00 | 25.63 -1.68 0.00 | 28.69 -1.41 0.00 | 25.57 -1.48 0.00 | 26.48 -1.71 0.00 | 24.86 -1.93 0.00 | 24.84 -1.72 0.00 | 22.25 -1.37 0.00 | 20.30 -1.23 0.00 | 22.42 -1.19 0.00 | 22.54 -1.21 0.00 | 22.96 -1.25 0.00 | 23.59 -1.37 0.00 | 22.57 -1.39 0.00 | 20.56 -1.54 0.00 | 22.42 -1.53 0.00 | 28.73 -1.67 0.00 | 37.84 -2.50 0.00 | 41.85 -2.50 0.00 | 36.62 -2.18 0.00 | 31.82 -2.11 0.00 | 27.20 -1.58 0.00 | 28.98 -1.70 0.00 |
| OH_GEN_PROXY 24063 | 42.92 -2.44 0.00 | 30.80 -1.67 0.00 | 25.82 -1.49 0.00 | 28.89 -1.21 0.00 | 25.74 -1.31 0.00 | 26.69 -1.50 0.00 | 25.15 -1.64 0.00 | 25.08 -1.48 0.00 | 22.44 -1.18 0.00 | 20.45 -1.07 0.00 | 22.58 -1.03 0.00 | 22.70 -1.06 0.00 | 23.11 -1.09 0.00 | 23.82 -1.15 0.00 | 22.74 -1.22 0.00 | 20.73 -1.38 0.00 | 22.59 -1.37 0.00 | 28.92 -1.48 0.00 | 38.10 -2.24 0.00 | 42.13 -2.23 0.00 | 36.87 -1.93 0.00 | 32.04 -1.89 0.00 | 27.38 -1.40 0.00 | 29.16 -1.53 0.00 |
| OLIN_CORP_DRP 24177 | 42.79 -2.57 0.00 | 30.71 -1.75 0.00 | 25.75 -1.56 0.00 | 28.81 -1.30 0.00 | 25.68 -1.36 0.00 | 26.60 -1.59 0.00 | 24.98 -1.81 0.00 | 24.95 -1.61 0.00 | 22.35 -1.27 0.00 | 20.35 -1.17 0.00 | 22.48 -1.13 0.00 | 22.59 -1.16 0.00 | 23.02 -1.19 0.00 | 23.65 -1.31 0.00 | 22.64 -1.32 0.00 | 20.53 -1.58 0.00 | 22.38 -1.57 0.00 | 28.70 -1.71 0.00 | 37.82 -2.52 0.00 | 41.86 -2.50 0.00 | 36.64 -2.15 0.00 | 31.84 -2.08 0.00 | 27.25 -1.54 0.00 | 29.12 -1.57 0.00 |
| OLIN_CORP_DSASP 323712 | 42.61 -2.76 0.00 | 30.59 -1.88 0.00 | 25.63 -1.67 0.00 | 28.69 -1.41 0.00 | 25.57 -1.48 0.00 | 26.50 -1.69 0.00 | 24.93 -1.86 0.00 | 24.89 -1.67 0.00 | 22.27 -1.35 0.00 | 20.30 -1.22 0.00 | 22.43 -1.19 0.00 | 22.54 -1.21 0.00 | 22.96 -1.25 0.00 | 23.66 -1.31 0.00 | 22.57 -1.39 0.00 | 20.56 -1.54 0.00 | 22.42 -1.53 0.00 | 28.73 -1.68 0.00 | 37.84 -2.50 0.00 | 41.85 -2.50 0.00 | 36.62 -2.18 0.00 | 31.81 -2.12 0.00 | 27.21 -1.57 0.00 | 28.98 -1.70 0.00 |
| ONEIDA_HERK_LFGE 323681 | 46.60 1.23 0.00 | 33.33 0.87 0.00 | 27.99 0.68 0.00 | 30.86 0.75 0.00 | 27.73 0.67 0.00 | 28.92 0.73 0.00 | 27.46 0.67 0.00 | 27.13 0.57 0.00 | 23.97 0.35 0.00 | 21.77 0.24 0.00 | 23.83 0.22 0.00 | 23.94 0.19 0.00 | 24.38 0.17 0.00 | 25.12 0.15 0.00 | 24.11 0.15 0.00 | 22.23 0.13 0.00 | 24.15 0.20 0.00 | 30.78 0.37 0.00 | 41.21 0.87 0.00 | 45.59 1.23 0.00 | 39.74 0.94 0.00 | 34.53 0.59 0.00 | 29.19 0.41 0.00 | 31.04 0.35 0.00 |
| ONEIDA___115KV_TB4 55905 | 46.17 0.81 0.00 | 33.07 0.61 0.00 | 27.79 0.48 0.00 | 30.64 0.55 0.00 | 27.52 0.48 0.00 | 28.69 0.50 0.00 | 27.26 0.46 0.00 | 26.94 0.38 0.00 | 23.82 0.20 0.00 | 21.64 0.12 0.00 | 23.73 0.11 0.00 | 23.86 0.10 0.00 | 24.31 0.10 0.00 | 25.06 0.09 0.00 | 24.08 0.12 0.00 | 22.22 0.11 0.00 | 24.14 0.19 0.00 | 30.77 0.36 0.00 | 41.09 0.75 0.00 | 45.42 1.06 0.00 | 39.80 1.00 0.00 | 34.70 0.77 0.00 | 29.37 0.58 0.00 | 31.21 0.52 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 44.66 -0.70 0.00 | 32.01 -0.45 0.00 | 26.94 -0.36 0.00 | 29.73 -0.37 0.00 | 26.68 -0.37 0.00 | 27.81 -0.39 0.00 | 26.43 -0.36 0.00 | 26.19 -0.37 0.00 | 23.26 -0.36 0.00 | 21.17 -0.35 0.00 | 23.24 -0.38 0.00 | 23.38 -0.38 0.00 | 23.81 -0.40 0.00 | 24.54 -0.43 0.00 | 23.57 -0.39 0.00 | 21.74 -0.36 0.00 | 23.60 -0.35 0.00 | 30.05 -0.36 0.00 | 39.94 -0.40 0.00 | 43.98 -0.37 0.00 | 38.58 -0.22 0.00 | 33.67 -0.26 0.00 | 28.53 -0.25 0.00 | 30.32 -0.37 0.00 |
| ONONDAGA___COGEN 23986 | 44.64 -0.73 0.00 | 31.98 -0.49 0.00 | 26.91 -0.39 0.00 | 29.70 -0.40 0.00 | 26.66 -0.39 0.00 | 27.77 -0.42 0.00 | 26.38 -0.41 0.00 | 26.14 -0.42 0.00 | 23.22 -0.40 0.00 | 21.14 -0.38 0.00 | 23.21 -0.41 0.00 | 23.35 -0.40 0.00 | 23.78 -0.43 0.00 | 24.53 -0.44 0.00 | 23.56 -0.40 0.00 | 21.74 -0.37 0.00 | 23.59 -0.36 0.00 | 30.04 -0.37 0.00 | 39.93 -0.40 0.00 | 43.96 -0.40 0.00 | 38.55 -0.25 0.00 | 33.64 -0.29 0.00 | 28.52 -0.26 0.00 | 30.29 -0.39 0.00 |
| ONTARIO___LFGE 23819 | 44.90 -0.46 0.00 | 32.15 -0.32 0.00 | 27.01 -0.30 0.00 | 29.88 -0.22 0.00 | 26.80 -0.25 0.00 | 27.91 -0.28 0.00 | 26.49 -0.30 0.00 | 26.25 -0.31 0.00 | 23.24 -0.37 0.00 | 21.09 -0.44 0.00 | 23.13 -0.48 0.00 | 23.28 -0.47 0.00 | 23.74 -0.47 0.00 | 24.48 -0.48 0.00 | 23.50 -0.46 0.00 | 21.67 -0.44 0.00 | 23.55 -0.40 0.00 | 30.09 -0.31 0.00 | 40.09 -0.24 0.00 | 44.36 0.01 0.00 | 38.93 0.13 0.00 | 33.96 0.03 0.00 | 28.86 0.07 0.00 | 30.60 -0.09 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 43.83 -1.54 0.00 | 31.41 -1.06 0.00 | 26.34 -0.97 0.00 | 29.35 -0.75 0.00 | 26.22 -0.82 0.00 | 27.23 -0.96 0.00 | 25.73 -1.06 0.00 | 25.52 -1.04 0.00 | 22.68 -0.94 0.00 | 20.59 -0.93 0.00 | 22.68 -0.93 0.00 | 22.82 -0.94 0.00 | 23.26 -0.95 0.00 | 24.00 -0.97 0.00 | 22.96 -1.00 0.00 | 21.00 -1.11 0.00 | 22.87 -1.08 0.00 | 29.23 -1.17 0.00 | 38.77 -1.57 0.00 | 43.11 -1.24 0.00 | 37.84 -0.96 0.00 | 32.93 -0.99 0.00 | 28.06 -0.72 0.00 | 29.86 -0.82 0.00 |
| ORANGEVILLE___ESR 323794 | 43.83 -1.54 0.00 | 31.41 -1.06 0.00 | 26.34 -0.97 0.00 | 29.35 -0.75 0.00 | 26.22 -0.82 0.00 | 27.23 -0.96 0.00 | 25.73 -1.06 0.00 | 25.52 -1.04 0.00 | 22.68 -0.94 0.00 | 20.59 -0.93 0.00 | 22.68 -0.93 0.00 | 22.82 -0.94 0.00 | 23.26 -0.95 0.00 | 24.00 -0.97 0.00 | 22.96 -1.00 0.00 | 21.00 -1.11 0.00 | 22.87 -1.08 0.00 | 29.23 -1.17 0.00 | 38.77 -1.57 0.00 | 43.11 -1.24 0.00 | 37.84 -0.96 0.00 | 32.93 -0.99 0.00 | 28.06 -0.72 0.00 | 29.86 -0.82 0.00 |
| OSWEGATCHIE___HYD 24044 | 47.11 1.75 0.00 | 33.59 1.12 0.00 | 28.11 0.81 0.00 | 30.97 0.87 0.00 | 27.94 0.90 0.00 | 29.22 1.02 0.00 | 27.65 0.86 0.00 | 27.33 0.77 0.00 | 24.07 0.45 0.00 | 21.82 0.29 0.00 | 23.86 0.25 0.00 | 23.95 0.19 0.00 | 24.35 0.14 0.00 | 25.05 0.08 0.00 | 24.00 0.04 0.00 | 22.13 0.03 0.00 | 24.01 0.06 0.00 | 30.69 0.28 0.00 | 41.25 0.91 0.00 | 45.90 1.54 0.00 | 39.87 1.07 0.00 | 34.59 0.66 0.00 | 29.19 0.41 0.00 | 31.09 0.40 0.00 |
| OSWEGO___5 23606 | 44.00 -1.36 0.00 | 31.53 -0.93 0.00 | 26.55 -0.76 0.00 | 29.30 -0.80 0.00 | 26.30 -0.75 0.00 | 27.38 -0.80 0.00 | 26.00 -0.79 0.00 | 25.77 -0.79 0.00 | 22.91 -0.71 0.00 | 20.87 -0.66 0.00 | 22.91 -0.71 0.00 | 23.03 -0.73 0.00 | 23.44 -0.77 0.00 | 24.20 -0.77 0.00 | 23.23 -0.73 0.00 | 21.44 -0.67 0.00 | 23.24 -0.71 0.00 | 29.54 -0.87 0.00 | 39.21 -1.13 0.00 | 43.16 -1.20 0.00 | 37.84 -0.96 0.00 | 33.04 -0.89 0.00 | 28.02 -0.76 0.00 | 29.81 -0.88 0.00 |
| OSWEGO___6 23613 | 44.00 -1.36 0.00 | 31.53 -0.93 0.00 | 26.55 -0.76 0.00 | 29.30 -0.80 0.00 | 26.30 -0.75 0.00 | 27.38 -0.80 0.00 | 26.00 -0.79 0.00 | 25.77 -0.79 0.00 | 22.91 -0.71 0.00 | 20.87 -0.66 0.00 | 22.91 -0.71 0.00 | 23.03 -0.73 0.00 | 23.44 -0.77 0.00 | 24.20 -0.77 0.00 | 23.23 -0.73 0.00 | 21.44 -0.67 0.00 | 23.24 -0.71 0.00 | 29.54 -0.87 0.00 | 39.21 -1.13 0.00 | 43.16 -1.20 0.00 | 37.84 -0.96 0.00 | 33.04 -0.89 0.00 | 28.02 -0.76 0.00 | 29.81 -0.88 0.00 |

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| OUTOKUMPU-AB___DRP 24206 | 43.56 -1.81 0.00 | 31.24 -1.23 0.00 | 26.16 -1.14 0.00 | 29.27 -0.83 0.00 | 26.09 -0.96 0.00 | 27.02 -1.17 0.00 | 25.41 -1.38 0.00 | 25.36 -1.19 0.00 | 22.70 -0.92 0.00 | 20.70 -0.82 0.00 | 22.87 -0.74 0.00 | 23.01 -0.75 0.00 | 23.46 -0.75 0.00 | 24.12 -0.85 0.00 | 23.11 -0.85 0.00 | 21.06 -1.05 0.00 | 22.98 -0.97 0.00 | 29.47 -0.94 0.00 | 38.85 -1.49 0.00 | 42.99 -1.36 0.00 | 37.61 -1.19 0.00 | 32.66 -1.27 0.00 | 27.88 -0.90 0.00 | 29.68 -1.00 0.00 |
| OXBOW___BTM 323836 | 43.06 -2.30 0.00 | 30.90 -1.57 0.00 | 25.88 -1.42 0.00 | 28.96 -1.15 0.00 | 25.81 -1.23 0.00 | 26.75 -1.45 0.00 | 25.19 -1.60 0.00 | 25.13 -1.43 0.00 | 22.49 -1.13 0.00 | 20.49 -1.04 0.00 | 22.64 -0.97 0.00 | 22.77 -0.99 0.00 | 23.21 -1.00 0.00 | 23.92 -1.05 0.00 | 22.84 -1.12 0.00 | 20.82 -1.29 0.00 | 22.71 -1.24 0.00 | 29.12 -1.29 0.00 | 38.37 -1.97 0.00 | 42.45 -1.91 0.00 | 37.13 -1.67 0.00 | 32.24 -1.69 0.00 | 27.56 -1.22 0.00 | 29.33 -1.36 0.00 |
| OXBOW___ 24026 | 43.06 -2.30 0.00 | 30.90 -1.57 0.00 | 25.88 -1.43 0.00 | 28.96 -1.15 0.00 | 25.81 -1.23 0.00 | 26.73 -1.47 0.00 | 25.12 -1.67 0.00 | 25.08 -1.48 0.00 | 22.46 -1.16 0.00 | 20.48 -1.04 0.00 | 22.64 -0.98 0.00 | 22.77 -0.99 0.00 | 23.21 -1.00 0.00 | 23.85 -1.11 0.00 | 22.84 -1.12 0.00 | 20.82 -1.29 0.00 | 22.71 -1.24 0.00 | 29.12 -1.29 0.00 | 38.37 -1.97 0.00 | 42.45 -1.91 0.00 | 37.13 -1.67 0.00 | 32.25 -1.68 0.00 | 27.55 -1.24 0.00 | 29.33 -1.36 0.00 |
| OXY_CHEM_DSASP 323612 | 42.61 -2.76 0.00 | 30.58 -1.88 0.00 | 25.63 -1.68 0.00 | 28.69 -1.41 0.00 | 25.57 -1.48 0.00 | 26.48 -1.71 0.00 | 24.86 -1.93 0.00 | 24.84 -1.72 0.00 | 22.25 -1.37 0.00 | 20.30 -1.23 0.00 | 22.42 -1.19 0.00 | 22.54 -1.21 0.00 | 22.96 -1.25 0.00 | 23.59 -1.37 0.00 | 22.57 -1.39 0.00 | 20.56 -1.54 0.00 | 22.42 -1.53 0.00 | 28.73 -1.67 0.00 | 37.84 -2.50 0.00 | 41.85 -2.50 0.00 | 36.62 -2.18 0.00 | 31.82 -2.11 0.00 | 27.20 -1.58 0.00 | 28.98 -1.70 0.00 |
| OZONE_PARK_ESR 323760 | 47.60 2.24 0.00 | 36.33 1.66 -2.21 | 31.73 1.26 -3.16 | 31.41 1.32 0.00 | 28.20 1.16 0.00 | 29.35 1.16 0.00 | 28.07 1.28 0.00 | 27.97 1.41 0.00 | 26.24 1.43 -1.19 | 24.90 1.39 -1.99 | 26.74 1.68 -1.45 | 25.62 1.87 0.00 | 26.21 2.00 0.00 | 27.03 2.06 0.00 | 25.94 1.98 0.00 | 23.99 1.88 0.00 | 25.79 1.84 0.00 | 32.41 2.00 0.00 | 42.65 2.31 0.00 | 46.57 2.21 0.00 | 41.22 2.43 0.00 | 36.13 2.19 0.00 | 30.72 1.94 0.00 | 32.50 1.82 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 42.61 -2.76 0.00 | 30.58 -1.88 0.00 | 25.63 -1.68 0.00 | 28.69 -1.41 0.00 | 25.57 -1.48 0.00 | 26.48 -1.71 0.00 | 24.86 -1.93 0.00 | 24.84 -1.72 0.00 | 22.25 -1.37 0.00 | 20.30 -1.23 0.00 | 22.42 -1.19 0.00 | 22.54 -1.21 0.00 | 22.96 -1.25 0.00 | 23.59 -1.37 0.00 | 22.57 -1.39 0.00 | 20.56 -1.54 0.00 | 22.42 -1.53 0.00 | 28.73 -1.67 0.00 | 37.84 -2.50 0.00 | 41.85 -2.50 0.00 | 36.62 -2.18 0.00 | 31.82 -2.11 0.00 | 27.20 -1.58 0.00 | 28.98 -1.70 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 42.61 -2.76 0.00 | 30.58 -1.88 0.00 | 25.63 -1.68 0.00 | 28.69 -1.41 0.00 | 25.57 -1.48 0.00 | 26.48 -1.71 0.00 | 24.86 -1.93 0.00 | 24.84 -1.72 0.00 | 22.25 -1.37 0.00 | 20.30 -1.23 0.00 | 22.42 -1.19 0.00 | 22.54 -1.21 0.00 | 22.96 -1.25 0.00 | 23.59 -1.37 0.00 | 22.57 -1.39 0.00 | 20.56 -1.54 0.00 | 22.42 -1.53 0.00 | 28.73 -1.67 0.00 | 37.84 -2.50 0.00 | 41.85 -2.50 0.00 | 36.62 -2.18 0.00 | 31.82 -2.11 0.00 | 27.20 -1.58 0.00 | 28.98 -1.70 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 47.24 1.88 0.00 | 36.11 1.43 -2.21 | 31.53 1.07 -3.16 | 31.20 1.09 0.00 | 28.03 0.98 0.00 | 29.16 0.97 0.00 | 27.89 1.10 0.00 | 27.79 1.23 0.00 | 26.05 1.24 -1.19 | 24.72 1.21 -1.99 | 26.55 1.49 -1.45 | 25.42 1.66 0.00 | 25.98 1.77 0.00 | 26.79 1.82 0.00 | 25.71 1.74 0.00 | 23.75 1.64 0.00 | 25.53 1.58 0.00 | 32.11 1.70 0.00 | 42.36 2.02 0.00 | 46.19 1.84 0.00 | 40.92 2.12 0.00 | 35.85 1.92 0.00 | 30.48 1.70 0.00 | 32.28 1.60 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 48.23 2.86 0.00 | 36.82 2.15 -2.21 | 32.15 1.69 -3.16 | 31.90 1.80 0.00 | 28.66 1.62 0.00 | 29.83 1.64 0.00 | 28.54 1.75 0.00 | 28.49 1.93 0.00 | 26.63 1.82 -1.19 | 25.23 1.72 -1.99 | 27.10 2.04 -1.45 | 25.96 2.21 0.00 | 26.51 2.31 0.00 | 27.35 2.38 0.00 | 26.24 2.28 0.00 | 24.23 2.13 0.00 | 26.06 2.11 0.00 | 32.78 2.37 0.00 | 43.23 2.89 0.00 | 47.21 2.85 0.00 | 41.83 3.03 0.00 | 36.67 2.74 0.00 | 31.17 2.39 0.00 | 32.96 2.28 0.00 |
| PATROON__115KV_TB1 80586 | 46.05 0.69 0.00 | 33.49 0.66 -0.36 | 28.36 0.54 -0.51 | 30.64 0.55 0.00 | 27.42 0.37 0.00 | 28.56 0.36 0.00 | 27.18 0.39 0.00 | 26.97 0.41 0.00 | 24.13 0.32 -0.19 | 22.13 0.28 -0.32 | 24.12 0.27 -0.23 | 24.02 0.26 0.00 | 24.53 0.32 0.00 | 25.31 0.34 0.00 | 24.28 0.32 0.00 | 22.35 0.24 0.00 | 24.28 0.33 0.00 | 30.77 0.36 0.00 | 40.78 0.44 0.00 | 44.76 0.41 0.00 | 39.48 0.68 0.00 | 34.60 0.67 0.00 | 29.35 0.57 0.00 | 31.09 0.41 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 46.56 1.20 0.00 | 33.74 0.98 -0.30 | 28.53 0.79 -0.43 | 30.96 0.85 0.00 | 27.81 0.76 0.00 | 28.96 0.77 0.00 | 27.54 0.75 0.00 | 27.13 0.58 0.00 | 24.10 0.32 -0.16 | 22.00 0.20 -0.27 | 23.98 0.17 -0.20 | 23.90 0.15 0.00 | 24.38 0.18 0.00 | 25.16 0.19 0.00 | 24.17 0.21 0.00 | 22.33 0.22 0.00 | 24.23 0.27 0.00 | 30.86 0.45 0.00 | 41.18 0.84 0.00 | 45.54 1.18 0.00 | 40.15 1.35 0.00 | 35.13 1.20 0.00 | 29.77 0.99 0.00 | 31.61 0.92 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 43.65 -1.71 0.00 | 31.30 -1.17 0.00 | 26.24 -1.07 0.00 | 29.30 -0.80 0.00 | 26.13 -0.91 0.00 | 27.09 -1.10 0.00 | 25.54 -1.25 0.00 | 25.47 -1.09 0.00 | 22.78 -0.84 0.00 | 20.78 -0.74 0.00 | 22.93 -0.68 0.00 | 23.08 -0.68 0.00 | 23.52 -0.69 0.00 | 24.21 -0.76 0.00 | 23.21 -0.75 0.00 | 21.21 -0.90 0.00 | 23.09 -0.86 0.00 | 29.57 -0.84 0.00 | 39.01 -1.33 0.00 | 43.14 -1.22 0.00 | 37.73 -1.07 0.00 | 32.79 -1.14 0.00 | 27.95 -0.83 0.00 | 29.75 -0.93 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 47.00 1.64 0.00 | 34.36 1.26 -0.63 | 29.16 0.96 -0.90 | 31.10 0.99 0.00 | 27.92 0.87 0.00 | 29.06 0.87 0.00 | 27.76 0.97 0.00 | 27.64 1.08 0.00 | 25.03 1.07 -0.34 | 23.14 1.05 -0.56 | 25.27 1.25 -0.41 | 25.14 1.38 0.00 | 25.69 1.48 0.00 | 26.50 1.54 0.00 | 25.44 1.48 0.00 | 23.54 1.43 0.00 | 25.40 1.45 0.00 | 32.04 1.63 0.00 | 42.26 1.92 0.00 | 46.19 1.84 0.00 | 40.82 2.02 0.00 | 35.75 1.82 0.00 | 30.31 1.53 0.00 | 32.05 1.36 0.00 |
| PEEKSKILL___ 23653 | 46.68 1.32 0.00 | 35.89 1.01 -2.42 | 31.50 0.74 -3.46 | 30.85 0.75 0.00 | 27.70 0.65 0.00 | 28.84 0.64 0.00 | 27.55 0.76 0.00 | 27.43 0.87 0.00 | 25.84 0.91 -1.30 | 24.60 0.90 -2.17 | 26.31 1.11 -1.58 | 25.01 1.25 0.00 | 25.58 1.37 0.00 | 26.39 1.42 0.00 | 25.32 1.36 0.00 | 23.40 1.29 0.00 | 25.19 1.25 0.00 | 31.71 1.30 0.00 | 41.78 1.44 0.00 | 45.67 1.31 0.00 | 40.40 1.60 0.00 | 35.38 1.45 0.00 | 30.05 1.27 0.00 | 31.81 1.12 0.00 |
| PGE MADISON___WINDPWR 24146 | 47.57 2.20 0.00 | 33.87 1.41 0.00 | 28.36 1.06 0.00 | 31.37 1.27 0.00 | 28.25 1.21 0.00 | 29.62 1.43 0.00 | 28.11 1.31 0.00 | 27.79 1.23 0.00 | 24.54 0.92 0.00 | 22.23 0.70 0.00 | 24.35 0.73 0.00 | 24.50 0.75 0.00 | 24.97 0.76 0.00 | 25.74 0.78 0.00 | 24.76 0.80 0.00 | 22.93 0.82 0.00 | 24.98 1.03 0.00 | 32.05 1.64 0.00 | 42.86 2.52 0.00 | 47.47 3.12 0.00 | 41.66 2.86 0.00 | 36.33 2.40 0.00 | 30.72 1.94 0.00 | 32.55 1.87 0.00 |

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| PIERCEFIELD___HYD 23852 | 47.06 1.70 0.00 | 33.50 1.03 0.00 | 27.98 0.67 0.00 | 30.81 0.71 0.00 | 27.88 0.84 0.00 | 29.20 1.01 0.00 | 27.60 0.80 0.00 | 27.34 0.78 0.00 | 24.18 0.55 0.00 | 21.97 0.44 0.00 | 24.08 0.47 0.00 | 24.19 0.44 0.00 | 24.61 0.40 0.00 | 25.30 0.33 0.00 | 24.24 0.28 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 31.01 0.60 0.00 | 41.49 1.15 0.00 | 46.05 1.69 0.00 | 40.03 1.23 0.00 | 34.92 0.99 0.00 | 29.47 0.69 0.00 | 31.50 0.82 0.00 |
| PINELAWN_CC_1 323563 | 47.84 2.48 0.00 | 36.37 1.71 -2.20 | 31.60 1.15 -3.15 | 31.28 1.18 0.00 | 28.12 1.07 0.00 | 29.27 1.08 0.00 | 28.15 1.36 0.00 | 28.06 1.50 0.00 | 26.29 1.48 -1.19 | 24.76 1.26 -1.98 | 35.04 1.63 -9.80 | 26.23 1.70 -0.77 | 25.96 1.75 0.00 | 26.70 1.73 0.00 | 25.59 1.63 0.00 | 23.66 1.56 0.00 | 25.32 1.37 0.00 | 31.60 1.20 0.00 | 41.95 1.61 0.00 | 45.33 0.98 0.00 | 40.30 1.50 0.00 | 35.34 1.41 0.00 | 30.21 1.43 0.00 | 32.06 1.37 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 47.12 1.76 0.00 | 35.99 1.31 -2.22 | 31.45 0.98 -3.17 | 31.12 1.01 0.00 | 27.95 0.90 0.00 | 29.07 0.88 0.00 | 27.81 1.02 0.00 | 27.71 1.15 0.00 | 26.00 1.18 -1.19 | 24.69 1.17 -1.99 | 26.50 1.43 -1.45 | 25.37 1.62 0.00 | 25.95 1.74 0.00 | 26.75 1.78 0.00 | 25.68 1.72 0.00 | 23.73 1.62 0.00 | 25.51 1.56 0.00 | 32.05 1.64 0.00 | 42.20 1.86 0.00 | 46.06 1.71 0.00 | 40.77 1.97 0.00 | 35.72 1.80 0.00 | 30.38 1.60 0.00 | 32.15 1.46 0.00 |
| PJM_GEN_KEystone 24065 | 21.65 -0.45 23.26 | 19.84 -0.29 12.33 | 16.70 -0.33 10.27 | 29.87 -0.23 0.00 | 26.74 -0.30 0.00 | 27.83 -0.36 0.00 | 26.52 -0.27 0.00 | 23.64 -0.17 2.74 | 21.94 -0.03 1.65 | 18.78 0.01 2.75 | 21.71 0.10 2.01 | 23.96 0.20 0.00 | 24.47 0.26 0.00 | 25.23 0.27 0.00 | 24.19 0.23 0.00 | 22.25 0.14 0.00 | 24.03 0.08 0.00 | 30.41 0.00 0.00 | 37.16 -0.26 2.92 | 41.75 -0.34 2.28 | 38.78 -0.02 0.00 | 25.26 -0.08 8.59 | 26.91 0.03 1.91 | 30.34 -0.10 0.24 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 47.27 1.90 0.00 | 35.99 1.32 -2.20 | 31.33 0.88 -3.15 | 31.01 0.90 0.00 | 27.86 0.81 0.00 | 29.00 0.81 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 26.00 1.20 -1.19 | 24.65 1.14 -1.98 | 34.95 1.53 -9.80 | 26.20 1.67 -0.77 | 25.94 1.73 0.00 | 26.69 1.72 0.00 | 25.58 1.62 0.00 | 23.63 1.52 0.00 | 25.33 1.38 0.00 | 31.77 1.36 0.00 | 42.15 1.81 0.00 | 45.57 1.21 0.00 | 40.43 1.63 0.00 | 35.34 1.41 0.00 | 29.99 1.21 0.00 | 31.82 1.13 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 46.91 1.54 0.00 | 35.83 1.15 -2.21 | 31.32 0.85 -3.16 | 30.97 0.86 0.00 | 27.81 0.76 0.00 | 28.94 0.75 0.00 | 27.68 0.89 0.00 | 27.59 1.03 0.00 | 25.90 1.09 -1.19 | 24.59 1.08 -1.99 | 26.40 1.34 -1.45 | 25.31 1.55 0.00 | 25.89 1.68 0.00 | 26.68 1.72 0.00 | 25.63 1.67 0.00 | 23.69 1.59 0.00 | 25.46 1.51 0.00 | 31.96 1.56 0.00 | 42.06 1.72 0.00 | 45.91 1.55 0.00 | 40.66 1.86 0.00 | 35.62 1.69 0.00 | 30.30 1.52 0.00 | 32.02 1.34 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 47.05 1.69 0.00 | 33.51 1.05 0.00 | 28.05 0.74 0.00 | 30.91 0.80 0.00 | 27.81 0.76 0.00 | 28.93 0.74 0.00 | 27.45 0.66 0.00 | 27.20 0.65 0.00 | 24.18 0.57 0.00 | 21.97 0.44 0.00 | 24.04 0.43 0.00 | 24.14 0.38 0.00 | 24.52 0.31 0.00 | 25.23 0.26 0.00 | 24.19 0.23 0.00 | 22.38 0.28 0.00 | 24.14 0.19 0.00 | 30.86 0.45 0.00 | 41.35 1.01 0.00 | 45.68 1.32 0.00 | 39.69 0.89 0.00 | 34.51 0.58 0.00 | 29.08 0.30 0.00 | 30.95 0.26 0.00 |
| PLEASANTVLY___LBMP 24000 | 46.41 1.05 0.00 | 34.16 0.88 -0.81 | 29.13 0.66 -1.16 | 30.77 0.67 0.00 | 27.63 0.59 0.00 | 28.75 0.56 0.00 | 27.45 0.65 0.00 | 27.30 0.74 0.00 | 24.80 0.74 -0.44 | 22.99 0.74 -0.73 | 25.03 0.88 -0.53 | 24.73 0.98 0.00 | 25.27 1.06 0.00 | 26.07 1.11 0.00 | 25.02 1.06 0.00 | 23.12 1.02 0.00 | 24.96 1.00 0.00 | 31.45 1.05 0.00 | 41.50 1.16 0.00 | 45.40 1.04 0.00 | 40.14 1.34 0.00 | 35.18 1.25 0.00 | 29.87 1.09 0.00 | 31.62 0.93 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 46.73 1.36 0.00 | 34.68 1.06 -1.15 | 29.74 0.79 -1.65 | 30.93 0.83 0.00 | 27.77 0.72 0.00 | 28.90 0.71 0.00 | 27.61 0.82 0.00 | 27.48 0.92 0.00 | 25.17 0.93 -0.62 | 23.48 0.92 -1.04 | 25.47 1.10 -0.75 | 24.99 1.23 0.00 | 25.54 1.33 0.00 | 26.34 1.37 0.00 | 25.29 1.33 0.00 | 23.38 1.27 0.00 | 25.18 1.23 0.00 | 31.72 1.30 0.00 | 41.83 1.49 0.00 | 45.73 1.37 0.00 | 40.44 1.64 0.00 | 35.44 1.51 0.00 | 30.08 1.30 0.00 | 31.83 1.15 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 46.73 1.36 0.00 | 34.68 1.06 -1.15 | 29.74 0.79 -1.65 | 30.93 0.83 0.00 | 27.77 0.72 0.00 | 28.90 0.71 0.00 | 27.61 0.82 0.00 | 27.48 0.92 0.00 | 25.17 0.93 -0.62 | 23.48 0.92 -1.04 | 25.47 1.10 -0.75 | 24.99 1.23 0.00 | 25.54 1.33 0.00 | 26.34 1.37 0.00 | 25.29 1.33 0.00 | 23.38 1.27 0.00 | 25.18 1.23 0.00 | 31.72 1.30 0.00 | 41.83 1.49 0.00 | 45.73 1.37 0.00 | 40.44 1.64 0.00 | 35.44 1.51 0.00 | 30.08 1.30 0.00 | 31.83 1.15 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 46.74 1.38 0.00 | 33.89 1.10 -0.33 | 28.61 0.84 -0.46 | 30.98 0.87 0.00 | 27.81 0.76 0.00 | 28.94 0.75 0.00 | 27.62 0.82 0.00 | 27.47 0.91 0.00 | 24.69 0.89 -0.18 | 22.69 0.87 -0.29 | 24.85 1.02 -0.21 | 24.89 1.13 0.00 | 25.44 1.23 0.00 | 26.25 1.28 0.00 | 25.20 1.24 0.00 | 23.30 1.19 0.00 | 25.17 1.22 0.00 | 31.80 1.39 0.00 | 41.99 1.65 0.00 | 45.93 1.57 0.00 | 40.59 1.79 0.00 | 35.53 1.61 0.00 | 30.14 1.36 0.00 | 31.89 1.20 0.00 |
| POLETTI____ 23519 | 47.15 1.79 0.00 | 36.01 1.33 -2.21 | 31.47 1.00 -3.16 | 31.14 1.04 0.00 | 27.97 0.92 0.00 | 29.10 0.91 0.00 | 27.84 1.05 0.00 | 27.75 1.19 0.00 | 26.03 1.22 -1.19 | 24.71 1.20 -1.99 | 26.52 1.46 -1.45 | 25.40 1.65 0.00 | 25.98 1.77 0.00 | 26.80 1.83 0.00 | 25.69 1.73 0.00 | 23.75 1.64 0.00 | 25.53 1.57 0.00 | 32.06 1.66 0.00 | 42.21 1.87 0.00 | 46.08 1.73 0.00 | 40.80 2.00 0.00 | 35.75 1.82 0.00 | 30.41 1.62 0.00 | 32.17 1.49 0.00 |
| POMONA___ESR 323819 | 46.66 1.29 0.00 | 30.44 0.97 2.99 | 23.73 0.70 4.28 | 30.82 0.72 0.00 | 27.67 0.62 0.00 | 28.81 0.62 0.00 | 27.52 0.73 0.00 | 27.40 0.84 0.00 | 22.90 0.89 1.61 | 19.72 0.88 2.69 | 22.73 1.07 1.96 | 24.99 1.23 0.00 | 25.57 1.36 0.00 | 26.38 1.42 0.00 | 25.31 1.35 0.00 | 23.39 1.28 0.00 | 25.18 1.23 0.00 | 31.69 1.28 0.00 | 41.76 1.42 0.00 | 45.62 1.27 0.00 | 40.35 1.55 0.00 | 35.32 1.39 0.00 | 30.00 1.22 0.00 | 31.76 1.07 0.00 |
| PORT_JEFF_3 23555 | 47.95 2.58 0.00 | 36.44 1.77 -2.20 | 31.59 1.14 -3.15 | 31.25 1.15 0.00 | 28.12 1.07 0.00 | 29.28 1.08 0.00 | 28.28 1.49 0.00 | 28.19 1.64 0.00 | 26.43 1.62 -1.19 | 25.04 1.53 -1.98 | 35.40 1.98 -9.80 | 26.53 2.00 -0.77 | 26.26 2.05 0.00 | 26.99 2.03 0.00 | 25.85 1.89 0.00 | 23.88 1.78 0.00 | 25.58 1.63 0.00 | 32.02 1.62 0.00 | 42.32 1.98 0.00 | 45.71 1.36 0.00 | 40.73 1.93 0.00 | 35.47 1.54 0.00 | 30.06 1.28 0.00 | 31.82 1.14 0.00 |
| PORT_JEFF_4 23616 | 47.95 2.58 0.00 | 36.44 1.77 -2.20 | 31.59 1.14 -3.15 | 31.25 1.15 0.00 | 28.12 1.07 0.00 | 29.28 1.08 0.00 | 28.28 1.49 0.00 | 28.19 1.64 0.00 | 26.43 1.62 -1.19 | 25.04 1.53 -1.98 | 35.40 1.98 -9.80 | 26.53 2.00 -0.77 | 26.26 2.05 0.00 | 26.99 2.03 0.00 | 25.85 1.89 0.00 | 23.88 1.78 0.00 | 25.58 1.63 0.00 | 32.02 1.62 0.00 | 42.32 1.98 0.00 | 45.71 1.36 0.00 | 40.73 1.93 0.00 | 35.47 1.54 0.00 | 30.06 1.28 0.00 | 31.82 1.14 0.00 |

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| PORT_JEFF_IC 23713 | 48.00 2.64 0.00 | 36.47 1.81 -2.20 | 31.61 1.16 -3.15 | 31.28 1.18 0.00 | 28.14 1.09 0.00 | 29.30 1.11 0.00 | 28.33 1.53 0.00 | 28.24 1.68 0.00 | 26.46 1.66 -1.19 | 25.07 1.56 -1.98 | 35.44 2.03 -9.80 | 26.56 2.03 -0.77 | 26.30 2.09 0.00 | 27.05 2.08 0.00 | 25.90 1.94 0.00 | 23.93 1.83 0.00 | 25.64 1.69 0.00 | 32.09 1.68 0.00 | 42.24 1.90 0.00 | 45.64 1.29 0.00 | 40.80 2.00 0.00 | 35.53 1.60 0.00 | 30.10 1.31 0.00 | 31.85 1.16 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 48.10 2.74 0.00 | 36.54 1.87 -2.20 | 31.72 1.26 -3.15 | 31.40 1.30 0.00 | 28.23 1.19 0.00 | 29.39 1.19 0.00 | 28.31 1.51 0.00 | 28.21 1.66 0.00 | 26.43 1.62 -1.19 | 25.02 1.52 -1.98 | 35.42 2.01 -9.80 | 26.61 2.08 -0.77 | 26.35 2.14 0.00 | 27.11 2.14 0.00 | 25.96 2.00 0.00 | 23.98 1.87 0.00 | 25.69 1.74 0.00 | 32.17 1.76 0.00 | 42.64 2.30 0.00 | 46.07 1.72 0.00 | 40.92 2.12 0.00 | 35.68 1.75 0.00 | 30.25 1.47 0.00 | 32.06 1.37 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 48.10 2.74 0.00 | 36.54 1.87 -2.20 | 31.72 1.26 -3.15 | 31.40 1.30 0.00 | 28.23 1.19 0.00 | 29.39 1.19 0.00 | 28.31 1.51 0.00 | 28.21 1.66 0.00 | 26.43 1.62 -1.19 | 25.02 1.52 -1.98 | 35.42 2.01 -9.80 | 26.61 2.08 -0.77 | 26.35 2.14 0.00 | 27.11 2.14 0.00 | 25.96 2.00 0.00 | 23.98 1.87 0.00 | 25.69 1.74 0.00 | 32.17 1.76 0.00 | 42.64 2.30 0.00 | 46.07 1.72 0.00 | 40.92 2.12 0.00 | 35.68 1.75 0.00 | 30.25 1.47 0.00 | 32.06 1.37 0.00 |
| PPL_SHRM_GT3 24213 | 48.12 2.75 0.00 | 36.51 1.84 -2.20 | 31.54 1.08 -3.15 | 31.20 1.09 0.00 | 28.08 1.03 0.00 | 29.25 1.05 0.00 | 28.48 1.68 0.00 | 28.38 1.83 0.00 | 26.61 1.80 -1.19 | 25.20 1.70 -1.98 | 35.55 2.13 -9.80 | 26.52 1.99 -0.77 | 26.25 2.04 0.00 | 26.90 1.93 0.00 | 25.71 1.74 0.00 | 23.74 1.64 0.00 | 25.44 1.49 0.00 | 31.87 1.46 0.00 | 42.23 1.90 0.00 | 45.60 1.24 0.00 | 40.58 1.78 0.00 | 35.26 1.33 0.00 | 29.88 1.10 0.00 | 31.55 0.86 0.00 |
| PPL_SHRM_GT4 24214 | 48.12 2.75 0.00 | 36.51 1.84 -2.20 | 31.54 1.08 -3.15 | 31.20 1.09 0.00 | 28.08 1.03 0.00 | 29.25 1.05 0.00 | 28.48 1.68 0.00 | 28.38 1.83 0.00 | 26.61 1.80 -1.19 | 25.20 1.70 -1.98 | 35.55 2.13 -9.80 | 26.52 1.99 -0.77 | 26.25 2.04 0.00 | 26.90 1.93 0.00 | 25.71 1.74 0.00 | 23.74 1.64 0.00 | 25.44 1.49 0.00 | 31.87 1.46 0.00 | 42.23 1.90 0.00 | 45.60 1.24 0.00 | 40.58 1.78 0.00 | 35.26 1.33 0.00 | 29.88 1.10 0.00 | 31.55 0.86 0.00 |
| PROJECT___ORANGE 1 24174 | 44.35 -1.02 0.00 | 31.81 -0.65 0.00 | 26.78 -0.52 0.00 | 29.55 -0.55 0.00 | 26.52 -0.53 0.00 | 27.63 -0.56 0.00 | 26.27 -0.52 0.00 | 26.04 -0.52 0.00 | 23.14 -0.48 0.00 | 21.08 -0.44 0.00 | 23.15 -0.47 0.00 | 23.28 -0.47 0.00 | 23.71 -0.50 0.00 | 24.43 -0.54 0.00 | 23.46 -0.50 0.00 | 21.64 -0.46 0.00 | 23.48 -0.47 0.00 | 29.87 -0.54 0.00 | 39.67 -0.67 0.00 | 43.65 -0.70 0.00 | 38.28 -0.52 0.00 | 33.41 -0.52 0.00 | 28.32 -0.46 0.00 | 30.10 -0.58 0.00 |
| PROJECT___ORANGE 2 24166 | 44.35 -1.02 0.00 | 31.81 -0.65 0.00 | 26.78 -0.52 0.00 | 29.55 -0.55 0.00 | 26.52 -0.53 0.00 | 27.63 -0.56 0.00 | 26.27 -0.52 0.00 | 26.04 -0.52 0.00 | 23.14 -0.48 0.00 | 21.08 -0.44 0.00 | 23.15 -0.47 0.00 | 23.28 -0.47 0.00 | 23.71 -0.50 0.00 | 24.43 -0.54 0.00 | 23.46 -0.50 0.00 | 21.64 -0.46 0.00 | 23.48 -0.47 0.00 | 29.87 -0.54 0.00 | 39.67 -0.67 0.00 | 43.65 -0.70 0.00 | 38.28 -0.52 0.00 | 33.41 -0.52 0.00 | 28.32 -0.46 0.00 | 30.10 -0.58 0.00 |
| PUCKETT___SOLAR 323809 | 45.42 0.06 0.00 | 32.45 -0.02 0.00 | 27.22 -0.08 0.00 | 30.08 -0.03 0.00 | 27.03 -0.02 0.00 | 28.26 0.06 0.00 | 26.86 0.06 0.00 | 26.58 0.02 0.00 | 23.61 -0.02 0.00 | 21.39 -0.13 0.00 | 23.43 -0.19 0.00 | 23.57 -0.18 0.00 | 24.01 -0.20 0.00 | 24.76 -0.20 0.00 | 23.80 -0.16 0.00 | 21.99 -0.12 0.00 | 23.90 -0.05 0.00 | 30.50 0.09 0.00 | 40.64 0.30 0.00 | 44.88 0.52 0.00 | 39.42 0.62 0.00 | 34.39 0.46 0.00 | 29.14 0.36 0.00 | 30.94 0.26 0.00 |
| PYRITES___HYD 24023 | 47.90 2.54 0.00 | 34.07 1.61 0.00 | 28.45 1.15 0.00 | 31.33 1.23 0.00 | 28.31 1.26 0.00 | 29.64 1.45 0.00 | 28.00 1.21 0.00 | 27.64 1.08 0.00 | 24.30 0.68 0.00 | 22.03 0.50 0.00 | 24.13 0.52 0.00 | 24.26 0.50 0.00 | 24.67 0.46 0.00 | 25.36 0.39 0.00 | 24.30 0.34 0.00 | 22.42 0.32 0.00 | 24.30 0.35 0.00 | 31.14 0.73 0.00 | 41.72 1.38 0.00 | 46.64 2.28 0.00 | 40.74 1.94 0.00 | 35.58 1.65 0.00 | 30.02 1.24 0.00 | 32.09 1.40 0.00 |
| QUAKERRD_115KV_BK1 80622 | 43.53 -1.83 0.00 | 31.18 -1.29 0.00 | 26.19 -1.12 0.00 | 29.02 -1.08 0.00 | 25.98 -1.07 0.00 | 27.02 -1.18 0.00 | 25.60 -1.19 0.00 | 25.42 -1.13 0.00 | 22.63 -1.00 0.00 | 20.62 -0.90 0.00 | 22.68 -0.94 0.00 | 22.82 -0.93 0.00 | 23.25 -0.95 0.00 | 23.95 -1.02 0.00 | 22.99 -0.96 0.00 | 21.17 -0.94 0.00 | 23.03 -0.92 0.00 | 29.44 -0.97 0.00 | 39.06 -1.27 0.00 | 43.07 -1.29 0.00 | 37.71 -1.08 0.00 | 32.86 -1.07 0.00 | 27.88 -0.90 0.00 | 29.60 -1.09 0.00 |
| QUENSBRY_115KV_TB8 356137 | 47.27 1.91 0.00 | 34.47 1.67 -0.33 | 29.06 1.28 -0.48 | 31.43 1.33 0.00 | 28.23 1.18 0.00 | 29.41 1.22 0.00 | 27.97 1.18 0.00 | 27.66 1.11 0.00 | 24.59 0.78 -0.18 | 22.46 0.63 -0.30 | 24.32 0.49 -0.22 | 24.17 0.41 0.00 | 24.65 0.44 0.00 | 25.42 0.46 0.00 | 24.42 0.46 0.00 | 22.61 0.50 0.00 | 24.63 0.68 0.00 | 31.52 1.11 0.00 | 42.26 1.92 0.00 | 46.51 2.15 0.00 | 41.15 2.35 0.00 | 36.02 2.09 0.00 | 30.48 1.70 0.00 | 32.32 1.64 0.00 |
| RAMAPO___LBMP 323565 | 46.44 1.08 0.00 | 30.51 0.82 2.77 | 23.92 0.58 3.96 | 30.68 0.59 0.00 | 27.55 0.51 0.00 | 28.68 0.48 0.00 | 27.41 0.62 0.00 | 27.28 0.73 0.00 | 22.91 0.78 1.49 | 19.80 0.76 2.49 | 22.74 0.94 1.81 | 24.85 1.09 0.00 | 25.43 1.22 0.00 | 26.24 1.27 0.00 | 25.17 1.20 0.00 | 23.25 1.14 0.00 | 25.04 1.09 0.00 | 31.51 1.11 0.00 | 41.54 1.20 0.00 | 45.40 1.05 0.00 | 40.15 1.35 0.00 | 35.15 1.22 0.00 | 29.86 1.08 0.00 | 31.63 0.94 0.00 |
| RANKINE____ 23646 | 43.73 -1.63 0.00 | 31.35 -1.12 0.00 | 26.27 -1.03 0.00 | 29.36 -0.75 0.00 | 26.17 -0.88 0.00 | 27.13 -1.06 0.00 | 25.55 -1.25 0.00 | 25.48 -1.08 0.00 | 22.78 -0.84 0.00 | 20.78 -0.75 0.00 | 22.94 -0.67 0.00 | 23.08 -0.68 0.00 | 23.53 -0.68 0.00 | 24.21 -0.76 0.00 | 23.20 -0.76 0.00 | 21.17 -0.94 0.00 | 23.07 -0.88 0.00 | 29.54 -0.87 0.00 | 38.99 -1.35 0.00 | 43.13 -1.22 0.00 | 37.75 -1.05 0.00 | 32.81 -1.12 0.00 | 27.97 -0.81 0.00 | 29.79 -0.90 0.00 |
| RAVENSWOOD_GT2_1 24244 | 47.16 1.79 0.00 | 36.01 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.97 0.92 0.00 | 29.10 0.91 0.00 | 27.84 1.05 0.00 | 27.74 1.18 0.00 | 26.01 1.20 -1.19 | 24.69 1.18 -1.99 | 26.50 1.44 -1.45 | 25.38 1.63 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.69 1.73 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.05 1.65 0.00 | 42.20 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.49 0.00 |
| RAVENSWOOD_GT2_2 24245 | 47.16 1.79 0.00 | 36.01 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.97 0.92 0.00 | 29.10 0.91 0.00 | 27.84 1.05 0.00 | 27.74 1.18 0.00 | 26.01 1.20 -1.19 | 24.69 1.18 -1.99 | 26.50 1.44 -1.45 | 25.38 1.63 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.69 1.73 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.05 1.65 0.00 | 42.20 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.49 0.00 |

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|---|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| RAVENSWOOD_GT2_3 24246 | 47.19 1.83 0.00 | 36.03 1.36 -2.21 | 31.49 1.02 -3.16 | 31.16 1.06 0.00 | 27.99 0.94 0.00 | 29.13 0.94 0.00 | 27.86 1.07 0.00 | 27.76 1.20 0.00 | 26.03 1.22 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.39 1.64 0.00 | 25.97 1.76 0.00 | 26.78 1.81 0.00 | 25.70 1.74 0.00 | 23.75 1.64 0.00 | 25.53 1.58 0.00 | 32.07 1.66 0.00 | 42.23 1.89 0.00 | 46.09 1.74 0.00 | 40.80 2.01 0.00 | 35.76 1.82 0.00 | 30.41 1.63 0.00 | 32.19 1.50 0.00 |
| RAVENSWOOD_GT2_4 24247 | 47.19 1.83 0.00 | 36.03 1.36 -2.21 | 31.49 1.02 -3.16 | 31.16 1.06 0.00 | 27.99 0.94 0.00 | 29.13 0.94 0.00 | 27.86 1.07 0.00 | 27.76 1.20 0.00 | 26.03 1.22 -1.19 | 24.70 1.19 -1.99 | 26.51 1.45 -1.45 | 25.39 1.64 0.00 | 25.97 1.76 0.00 | 26.78 1.81 0.00 | 25.70 1.74 0.00 | 23.75 1.64 0.00 | 25.53 1.58 0.00 | 32.07 1.66 0.00 | 42.23 1.89 0.00 | 46.09 1.74 0.00 | 40.80 2.01 0.00 | 35.76 1.82 0.00 | 30.41 1.63 0.00 | 32.19 1.50 0.00 |
| RAVENSWOOD_GT3_1 24248 | 47.16 1.79 0.00 | 36.01 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.97 0.92 0.00 | 29.11 0.91 0.00 | 27.85 1.06 0.00 | 27.74 1.19 0.00 | 26.01 1.20 -1.19 | 24.69 1.18 -1.99 | 26.50 1.44 -1.45 | 25.38 1.63 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.69 1.73 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.06 1.65 0.00 | 42.20 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.49 0.00 |
| RAVENSWOOD_GT3_2 24249 | 47.16 1.79 0.00 | 36.01 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.97 0.92 0.00 | 29.11 0.91 0.00 | 27.85 1.06 0.00 | 27.74 1.19 0.00 | 26.01 1.20 -1.19 | 24.69 1.18 -1.99 | 26.50 1.44 -1.45 | 25.38 1.63 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.69 1.73 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.06 1.65 0.00 | 42.20 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.49 0.00 |
| RAVENSWOOD_GT3_3 24250 | 47.24 1.88 0.00 | 36.07 1.40 -2.21 | 31.52 1.06 -3.16 | 31.19 1.09 0.00 | 28.01 0.97 0.00 | 29.16 0.97 0.00 | 27.89 1.10 0.00 | 27.79 1.23 0.00 | 26.05 1.24 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.42 1.67 0.00 | 26.00 1.79 0.00 | 26.82 1.85 0.00 | 25.73 1.77 0.00 | 23.78 1.67 0.00 | 25.56 1.61 0.00 | 32.11 1.70 0.00 | 42.28 1.94 0.00 | 46.15 1.79 0.00 | 40.85 2.05 0.00 | 35.80 1.87 0.00 | 30.46 1.67 0.00 | 32.23 1.54 0.00 |
| RAVENSWOOD_GT3_4 24251 | 47.24 1.88 0.00 | 36.07 1.40 -2.21 | 31.52 1.06 -3.16 | 31.19 1.09 0.00 | 28.01 0.97 0.00 | 29.16 0.97 0.00 | 27.89 1.10 0.00 | 27.79 1.23 0.00 | 26.05 1.24 -1.19 | 24.73 1.22 -1.99 | 26.55 1.49 -1.45 | 25.42 1.67 0.00 | 26.00 1.79 0.00 | 26.82 1.85 0.00 | 25.73 1.77 0.00 | 23.78 1.67 0.00 | 25.56 1.61 0.00 | 32.11 1.70 0.00 | 42.28 1.94 0.00 | 46.15 1.79 0.00 | 40.85 2.05 0.00 | 35.80 1.87 0.00 | 30.46 1.67 0.00 | 32.23 1.54 0.00 |
| RAVENSWOOD_GT_1 23729 | 47.27 1.91 0.00 | 36.11 1.44 -2.21 | 31.56 1.10 -3.16 | 31.23 1.13 0.00 | 28.08 1.03 0.00 | 29.20 1.00 0.00 | 27.94 1.15 0.00 | 27.84 1.29 0.00 | 26.12 1.31 -1.19 | 24.80 1.29 -1.99 | 26.62 1.56 -1.45 | 25.51 1.75 0.00 | 26.09 1.88 0.00 | 26.90 1.93 0.00 | 25.81 1.86 0.00 | 23.85 1.75 0.00 | 25.63 1.68 0.00 | 32.17 1.76 0.00 | 42.37 2.03 0.00 | 46.22 1.86 0.00 | 40.95 2.15 0.00 | 35.88 1.95 0.00 | 30.53 1.75 0.00 | 32.30 1.61 0.00 |
| RAVENSWOOD_GT_10 24258 | 47.16 1.79 0.00 | 36.01 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.97 0.92 0.00 | 29.10 0.91 0.00 | 27.84 1.05 0.00 | 27.74 1.18 0.00 | 26.01 1.20 -1.19 | 24.69 1.18 -1.99 | 26.50 1.44 -1.45 | 25.38 1.62 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.68 1.72 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.05 1.64 0.00 | 42.20 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.48 0.00 |
| RAVENSWOOD_GT_11 24259 | 47.16 1.79 0.00 | 36.01 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.97 0.92 0.00 | 29.10 0.91 0.00 | 27.84 1.05 0.00 | 27.74 1.18 0.00 | 26.01 1.20 -1.19 | 24.69 1.18 -1.99 | 26.50 1.44 -1.45 | 25.38 1.62 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.68 1.72 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.05 1.64 0.00 | 42.20 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.48 0.00 |
| RAVENSWOOD_GT_4 24252 | 47.16 1.79 0.00 | 36.02 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.11 0.91 0.00 | 27.85 1.06 0.00 | 27.74 1.19 0.00 | 26.01 1.21 -1.19 | 24.69 1.18 -1.99 | 26.50 1.45 -1.45 | 25.38 1.63 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.69 1.73 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.06 1.65 0.00 | 42.21 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.49 0.00 |
| RAVENSWOOD_GT_5 24254 | 47.16 1.79 0.00 | 36.02 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.11 0.91 0.00 | 27.85 1.06 0.00 | 27.74 1.19 0.00 | 26.01 1.21 -1.19 | 24.69 1.18 -1.99 | 26.50 1.45 -1.45 | 25.38 1.63 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.69 1.73 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.06 1.65 0.00 | 42.21 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.49 0.00 |
| RAVENSWOOD_GT_6 24253 | 47.16 1.79 0.00 | 36.02 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.11 0.91 0.00 | 27.85 1.06 0.00 | 27.74 1.19 0.00 | 26.01 1.21 -1.19 | 24.69 1.18 -1.99 | 26.50 1.45 -1.45 | 25.38 1.63 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.69 1.73 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.06 1.65 0.00 | 42.21 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.49 0.00 |
| RAVENSWOOD_GT_7 24255 | 47.16 1.79 0.00 | 36.02 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.11 0.91 0.00 | 27.85 1.06 0.00 | 27.74 1.19 0.00 | 26.01 1.21 -1.19 | 24.69 1.18 -1.99 | 26.50 1.45 -1.45 | 25.38 1.63 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.69 1.73 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.06 1.65 0.00 | 42.21 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.49 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 47.16 1.79 0.00 | 36.01 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.97 0.92 0.00 | 29.10 0.91 0.00 | 27.84 1.05 0.00 | 27.74 1.18 0.00 | 26.01 1.20 -1.19 | 24.69 1.18 -1.99 | 26.50 1.44 -1.45 | 25.38 1.62 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.68 1.72 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.05 1.64 0.00 | 42.20 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.48 0.00 |
| RAVENSWOOD_GT_9 24257 | 47.16 1.79 0.00 | 36.01 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.97 0.92 0.00 | 29.10 0.91 0.00 | 27.84 1.05 0.00 | 27.74 1.18 0.00 | 26.01 1.20 -1.19 | 24.69 1.18 -1.99 | 26.50 1.44 -1.45 | 25.38 1.62 0.00 | 25.95 1.75 0.00 | 26.77 1.80 0.00 | 25.68 1.72 0.00 | 23.74 1.63 0.00 | 25.52 1.57 0.00 | 32.05 1.64 0.00 | 42.20 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.74 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.48 0.00 |

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| RAVENSWOOD___1 23533 | 47.28 1.91 0.00 | 36.11 1.44 -2.21 | 31.57 1.10 -3.16 | 31.23 1.13 0.00 | 28.08 1.03 0.00 | 29.19 1.00 0.00 | 27.93 1.13 0.00 | 27.84 1.28 -0.01 | 26.11 1.30 -1.19 | 24.80 1.29 -1.99 | 26.64 1.57 -1.45 | 25.52 1.75 -0.01 | 26.10 1.88 -0.01 | 26.89 1.91 -0.01 | 25.82 1.86 -0.01 | 23.86 1.75 -0.01 | 25.63 1.68 0.00 | 32.17 1.76 0.00 | 42.37 2.03 0.00 | 46.22 1.86 0.00 | 40.95 2.15 0.00 | 35.88 1.95 0.00 | 30.54 1.75 -0.01 | 32.30 1.61 0.00 |
| RAVENSWOOD___2 23534 | 47.28 1.91 0.00 | 36.11 1.44 -2.21 | 31.57 1.10 -3.16 | 31.23 1.13 0.00 | 28.08 1.03 0.00 | 29.19 1.00 0.00 | 27.93 1.13 0.00 | 27.84 1.28 -0.01 | 26.11 1.30 -1.19 | 24.80 1.29 -1.99 | 26.64 1.57 -1.45 | 25.52 1.75 -0.01 | 26.10 1.88 -0.01 | 26.89 1.91 -0.01 | 25.82 1.86 -0.01 | 23.86 1.75 -0.01 | 25.63 1.68 0.00 | 32.17 1.76 0.00 | 42.37 2.03 0.00 | 46.22 1.86 0.00 | 40.95 2.15 0.00 | 35.88 1.95 0.00 | 30.54 1.75 -0.01 | 32.30 1.61 0.00 |
| RAVENSWOOD___3 23535 | 47.16 1.79 0.00 | 36.02 1.34 -2.21 | 31.47 1.01 -3.16 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.10 0.91 0.00 | 27.83 1.04 0.00 | 27.73 1.17 0.00 | 26.01 1.20 -1.19 | 24.69 1.18 -1.99 | 26.50 1.45 -1.45 | 25.38 1.63 0.00 | 25.95 1.75 0.00 | 26.76 1.79 0.00 | 25.69 1.73 0.00 | 23.74 1.64 0.00 | 25.52 1.57 0.00 | 32.06 1.65 0.00 | 42.21 1.87 0.00 | 46.07 1.72 0.00 | 40.78 1.98 0.00 | 35.73 1.80 0.00 | 30.40 1.62 0.00 | 32.17 1.49 0.00 |
| RAVENSWOOD___4 23820 | 47.28 1.91 0.00 | 36.11 1.44 -2.21 | 31.57 1.10 -3.16 | 31.23 1.13 0.00 | 28.08 1.03 0.00 | 29.19 1.00 0.00 | 27.93 1.13 0.00 | 27.84 1.28 -0.01 | 26.11 1.30 -1.19 | 24.80 1.29 -1.99 | 26.64 1.57 -1.45 | 25.52 1.75 -0.01 | 26.10 1.88 -0.01 | 26.89 1.91 -0.01 | 25.82 1.86 -0.01 | 23.86 1.75 -0.01 | 25.63 1.68 0.00 | 32.17 1.76 0.00 | 42.37 2.03 0.00 | 46.22 1.86 0.00 | 40.95 2.15 0.00 | 35.88 1.95 0.00 | 30.54 1.75 -0.01 | 32.30 1.61 0.00 |
| RCPL_TRUST___DRP 24196 | 47.17 1.81 0.00 | 36.02 1.34 -2.22 | 31.48 1.01 -3.17 | 31.14 1.04 0.00 | 27.98 0.93 0.00 | 29.10 0.91 0.00 | 27.85 1.06 0.00 | 27.75 1.19 0.00 | 26.04 1.22 -1.19 | 24.71 1.20 -1.99 | 26.53 1.47 -1.45 | 25.41 1.65 0.00 | 25.98 1.78 0.00 | 26.80 1.84 0.00 | 25.71 1.75 0.00 | 23.77 1.66 0.00 | 25.55 1.60 0.00 | 32.09 1.68 0.00 | 42.25 1.91 0.00 | 46.11 1.75 0.00 | 40.81 2.01 0.00 | 35.76 1.83 0.00 | 30.42 1.64 0.00 | 32.19 1.51 0.00 |
| RED___ROCHESTER 323720 | 44.73 -0.63 0.00 | 32.02 -0.45 0.00 | 26.87 -0.43 0.00 | 29.82 -0.28 0.00 | 26.66 -0.38 0.00 | 27.73 -0.46 0.00 | 26.26 -0.53 0.00 | 26.09 -0.47 0.00 | 23.22 -0.40 0.00 | 21.17 -0.36 0.00 | 23.30 -0.32 0.00 | 23.47 -0.29 0.00 | 23.92 -0.29 0.00 | 24.67 -0.29 0.00 | 23.67 -0.29 0.00 | 21.77 -0.34 0.00 | 23.72 -0.23 0.00 | 30.36 -0.05 0.00 | 40.29 -0.05 0.00 | 44.45 0.09 0.00 | 38.90 0.10 0.00 | 33.84 -0.09 0.00 | 28.71 -0.07 0.00 | 30.46 -0.23 0.00 |
| REGAN___SOLAR 323812 | 47.75 2.39 0.00 | 34.19 1.73 0.00 | 28.70 1.40 0.00 | 31.63 1.53 0.00 | 28.43 1.38 0.00 | 29.65 1.46 0.00 | 28.16 1.37 0.00 | 27.49 0.93 0.00 | 23.87 0.25 0.00 | 21.52 -0.01 0.00 | 23.50 -0.11 0.00 | 23.61 -0.14 0.00 | 24.10 -0.11 0.00 | 24.81 -0.16 0.00 | 23.81 -0.15 0.00 | 22.04 -0.07 0.00 | 23.96 0.01 0.00 | 30.78 0.37 0.00 | 41.72 1.38 0.00 | 46.74 2.39 0.00 | 41.33 2.53 0.00 | 36.10 2.17 0.00 | 30.54 1.76 0.00 | 32.38 1.69 0.00 |
| RENSSELAER___COGEN 23796 | 45.80 0.44 0.00 | 33.33 0.50 -0.36 | 28.24 0.41 -0.52 | 30.50 0.39 0.00 | 27.30 0.25 0.00 | 28.41 0.22 0.00 | 27.05 0.26 0.00 | 26.83 0.27 0.00 | 24.02 0.20 -0.20 | 22.04 0.18 -0.33 | 24.02 0.17 -0.24 | 23.91 0.16 0.00 | 24.42 0.21 0.00 | 25.19 0.22 0.00 | 24.17 0.21 0.00 | 22.23 0.13 0.00 | 24.12 0.17 0.00 | 30.56 0.15 0.00 | 40.48 0.14 0.00 | 44.43 0.08 0.00 | 39.21 0.41 0.00 | 34.39 0.46 0.00 | 29.17 0.39 0.00 | 30.92 0.23 0.00 |
| REPUBLIC_115KV_BARTNBK 55605 | 49.94 4.58 0.00 | 36.54 3.74 -0.34 | 30.62 2.83 -0.48 | 33.13 3.03 0.00 | 29.79 2.74 0.00 | 31.04 2.85 0.00 | 29.41 2.61 0.00 | 28.96 2.40 0.00 | 25.63 1.83 -0.18 | 23.43 1.60 -0.30 | 25.49 1.66 -0.22 | 25.23 1.47 0.00 | 25.73 1.52 0.00 | 26.53 1.56 0.00 | 25.45 1.49 0.00 | 23.65 1.54 0.00 | 25.90 1.95 0.00 | 33.29 2.89 0.00 | 44.49 4.16 0.00 | 49.13 4.77 0.00 | 43.72 4.92 0.00 | 38.26 4.33 0.00 | 32.31 3.53 0.00 | 34.25 3.56 0.00 |
| REVERE_CPPR_DRP 24186 | 46.74 1.37 0.00 | 33.47 1.00 0.00 | 28.10 0.79 0.00 | 30.98 0.88 0.00 | 27.84 0.79 0.00 | 29.03 0.84 0.00 | 27.57 0.78 0.00 | 27.22 0.66 0.00 | 24.03 0.41 0.00 | 21.80 0.28 0.00 | 23.88 0.26 0.00 | 23.99 0.24 0.00 | 24.43 0.23 0.00 | 25.20 0.23 0.00 | 24.21 0.25 0.00 | 22.33 0.23 0.00 | 24.30 0.34 0.00 | 31.01 0.60 0.00 | 41.56 1.22 0.00 | 45.99 1.63 0.00 | 40.20 1.40 0.00 | 34.99 1.06 0.00 | 29.59 0.81 0.00 | 31.46 0.77 0.00 |
| REYNLDPA_13_KV_LD 356490 | 46.53 1.17 0.00 | 33.14 0.67 0.00 | 27.80 0.49 0.00 | 30.66 0.57 0.00 | 27.61 0.56 0.00 | 28.77 0.58 0.00 | 27.25 0.46 0.00 | 26.99 0.43 0.00 | 24.00 0.38 0.00 | 21.86 0.34 0.00 | 23.99 0.37 0.00 | 24.12 0.36 0.00 | 24.53 0.32 0.00 | 25.24 0.27 0.00 | 24.18 0.22 0.00 | 22.31 0.20 0.00 | 24.18 0.23 0.00 | 30.85 0.45 0.00 | 41.08 0.74 0.00 | 45.32 0.96 0.00 | 39.37 0.57 0.00 | 34.41 0.48 0.00 | 29.11 0.33 0.00 | 31.15 0.47 0.00 |
| REYNOLDS_115KV_TB3 80639 | 46.02 0.66 0.00 | 33.52 0.68 -0.37 | 28.40 0.56 -0.54 | 30.66 0.57 0.00 | 27.47 0.42 0.00 | 28.60 0.41 0.00 | 27.23 0.44 0.00 | 27.03 0.47 0.00 | 24.20 0.37 -0.20 | 22.19 0.33 -0.34 | 24.18 0.33 -0.24 | 24.07 0.31 0.00 | 24.57 0.37 0.00 | 25.35 0.38 0.00 | 24.32 0.36 0.00 | 22.38 0.28 0.00 | 24.30 0.35 0.00 | 30.77 0.36 0.00 | 40.75 0.41 0.00 | 44.72 0.37 0.00 | 39.48 0.68 0.00 | 34.65 0.72 0.00 | 29.39 0.61 0.00 | 31.15 0.46 0.00 |
| RIVERBAY____ 323610 | 48.23 2.86 0.00 | 36.82 2.15 -2.21 | 32.15 1.69 -3.16 | 31.90 1.80 0.00 | 28.66 1.62 0.00 | 29.83 1.64 0.00 | 28.54 1.75 0.00 | 28.49 1.93 0.00 | 26.63 1.82 -1.19 | 25.23 1.72 -1.99 | 27.10 2.04 -1.45 | 25.96 2.21 0.00 | 26.51 2.31 0.00 | 27.35 2.38 0.00 | 26.24 2.28 0.00 | 24.23 2.13 0.00 | 26.06 2.11 0.00 | 32.78 2.37 0.00 | 43.23 2.89 0.00 | 47.21 2.85 0.00 | 41.83 3.03 0.00 | 36.67 2.74 0.00 | 31.17 2.39 0.00 | 32.96 2.28 0.00 |
| RIVERSDE_115KV_TB3 55908 | 45.96 0.59 0.00 | 33.46 0.62 -0.37 | 28.34 0.51 -0.53 | 30.61 0.51 0.00 | 27.40 0.36 0.00 | 28.53 0.34 0.00 | 27.16 0.37 0.00 | 26.95 0.39 0.00 | 24.12 0.31 -0.20 | 22.13 0.27 -0.33 | 24.12 0.26 -0.24 | 24.01 0.25 0.00 | 24.52 0.31 0.00 | 25.29 0.32 0.00 | 24.27 0.31 0.00 | 22.33 0.22 0.00 | 24.24 0.28 0.00 | 30.71 0.30 0.00 | 40.68 0.34 0.00 | 44.65 0.30 0.00 | 39.39 0.59 0.00 | 34.56 0.63 0.00 | 29.31 0.53 0.00 | 31.06 0.37 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 45.54 0.18 0.00 | 32.56 0.10 0.00 | 27.37 0.06 0.00 | 30.18 0.07 0.00 | 27.12 0.07 0.00 | 28.27 0.07 0.00 | 26.84 0.04 0.00 | 26.59 0.03 0.00 | 23.65 0.03 0.00 | 21.54 0.02 0.00 | 23.63 0.02 0.00 | 23.77 0.01 0.00 | 24.21 0.00 0.00 | 24.94 -0.03 0.00 | 23.92 -0.04 0.00 | 22.06 -0.05 0.00 | 23.91 -0.04 0.00 | 30.37 -0.04 0.00 | 40.34 0.00 0.00 | 44.36 0.00 0.00 | 38.61 -0.19 0.00 | 33.68 -0.25 0.00 | 28.49 -0.29 0.00 | 30.39 -0.29 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 44.26 -1.10 0.00 | 31.69 -0.77 0.00 | 26.62 -0.69 0.00 | 29.54 -0.56 0.00 | 26.42 -0.62 0.00 | 27.47 -0.72 0.00 | 25.99 -0.80 0.00 | 25.83 -0.73 0.00 | 23.00 -0.62 0.00 | 20.97 -0.55 0.00 | 23.07 -0.54 0.00 | 23.23 -0.53 0.00 | 23.66 -0.55 0.00 | 24.36 -0.61 0.00 | 23.39 -0.57 0.00 | 21.50 -0.61 0.00 | 23.40 -0.54 0.00 | 29.92 -0.49 0.00 | 39.67 -0.67 0.00 | 43.77 -0.59 0.00 | 38.33 -0.47 0.00 | 33.37 -0.56 0.00 | 28.33 -0.45 0.00 | 30.09 -0.60 0.00 |
| ROCHESTER_9_IC 23652 | 44.50 -0.86 0.00 | 31.87 -0.60 0.00 | 26.75 -0.55 0.00 | 29.69 -0.42 0.00 | 26.55 -0.49 0.00 | 27.60 -0.59 0.00 | 26.13 -0.67 0.00 | 25.96 -0.60 0.00 | 23.11 -0.51 0.00 | 21.08 -0.45 0.00 | 23.19 -0.43 0.00 | 23.35 -0.40 0.00 | 23.79 -0.42 0.00 | 24.50 -0.46 0.00 | 23.53 -0.43 0.00 | 21.63 -0.47 0.00 | 23.56 -0.39 0.00 | 30.15 -0.26 0.00 | 39.98 -0.35 0.00 | 44.11 -0.24 0.00 | 38.62 -0.18 0.00 | 33.61 -0.32 0.00 | 28.52 -0.26 0.00 | 30.28 -0.41 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 47.15 1.78 0.00 | 36.01 1.33 -2.21 | 31.47 1.00 -3.16 | 31.14 1.03 0.00 | 27.96 0.91 0.00 | 29.10 0.91 0.00 | 27.82 1.03 0.00 | 27.71 1.15 0.00 | 26.00 1.18 -1.19 | 24.67 1.16 -1.99 | 26.47 1.40 -1.45 | 25.33 1.57 0.00 | 25.90 1.69 0.00 | 26.73 1.76 0.00 | 25.64 1.68 0.00 | 23.69 1.58 0.00 | 25.50 1.55 0.00 | 32.05 1.65 0.00 | 42.23 1.89 0.00 | 46.13 1.78 0.00 | 40.80 2.00 0.00 | 35.76 1.83 0.00 | 30.37 1.59 0.00 | 32.13 1.44 0.00 |
| ROME____115KV_TB2 80656 | 46.74 1.37 0.00 | 33.47 1.00 0.00 | 28.10 0.79 0.00 | 30.98 0.88 0.00 | 27.84 0.79 0.00 | 29.03 0.84 0.00 | 27.57 0.78 0.00 | 27.22 0.66 0.00 | 24.03 0.41 0.00 | 21.80 0.28 0.00 | 23.88 0.26 0.00 | 23.99 0.24 0.00 | 24.43 0.23 0.00 | 25.20 0.23 0.00 | 24.21 0.25 0.00 | 22.33 0.23 0.00 | 24.30 0.34 0.00 | 31.01 0.60 0.00 | 41.56 1.22 0.00 | 45.99 1.63 0.00 | 40.20 1.40 0.00 | 34.99 1.06 0.00 | 29.59 0.81 0.00 | 31.46 0.77 0.00 |
| ROSETON___1 23587 | 46.37 1.01 0.00 | 33.29 0.83 0.00 | 27.93 0.62 0.00 | 30.73 0.63 0.00 | 27.59 0.55 0.00 | 28.72 0.52 0.00 | 27.40 0.61 0.00 | 27.26 0.70 0.00 | 24.33 0.71 0.00 | 22.24 0.71 0.00 | 24.46 0.85 0.00 | 24.71 0.95 0.00 | 25.25 1.04 0.00 | 26.05 1.08 0.00 | 25.00 1.04 0.00 | 23.10 1.00 0.00 | 24.92 0.97 0.00 | 31.42 1.01 0.00 | 41.46 1.12 0.00 | 45.35 1.00 0.00 | 40.09 1.29 0.00 | 35.12 1.20 0.00 | 29.82 1.04 0.00 | 31.58 0.89 0.00 |
| ROSETON___2 23588 | 46.37 1.01 0.00 | 33.29 0.83 0.00 | 27.93 0.62 0.00 | 30.73 0.63 0.00 | 27.59 0.55 0.00 | 28.72 0.52 0.00 | 27.40 0.61 0.00 | 27.26 0.70 0.00 | 24.33 0.71 0.00 | 22.24 0.71 0.00 | 24.46 0.85 0.00 | 24.71 0.95 0.00 | 25.25 1.04 0.00 | 26.05 1.08 0.00 | 25.00 1.04 0.00 | 23.10 1.00 0.00 | 24.92 0.97 0.00 | 31.42 1.01 0.00 | 41.46 1.12 0.00 | 45.35 1.00 0.00 | 40.09 1.29 0.00 | 35.12 1.20 0.00 | 29.82 1.04 0.00 | 31.58 0.89 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 46.18 0.82 0.00 | 33.52 0.74 -0.32 | 28.36 0.60 -0.45 | 30.73 0.63 0.00 | 27.60 0.55 0.00 | 28.75 0.55 0.00 | 27.35 0.56 0.00 | 27.07 0.51 0.00 | 24.19 0.39 -0.17 | 22.14 0.33 -0.28 | 24.15 0.33 -0.21 | 24.06 0.30 0.00 | 24.55 0.34 0.00 | 25.32 0.36 0.00 | 24.30 0.34 0.00 | 22.45 0.34 0.00 | 24.34 0.39 0.00 | 30.91 0.50 0.00 | 41.05 0.71 0.00 | 45.16 0.81 0.00 | 39.77 0.98 0.00 | 34.83 0.90 0.00 | 29.54 0.76 0.00 | 31.35 0.67 0.00 |
| RUSSELL___1 23602 | 44.72 -0.64 0.00 | 32.02 -0.45 0.00 | 26.88 -0.43 0.00 | 29.82 -0.28 0.00 | 26.67 -0.38 0.00 | 27.72 -0.47 0.00 | 26.23 -0.56 0.00 | 26.07 -0.49 0.00 | 23.21 -0.41 0.00 | 21.17 -0.36 0.00 | 23.29 -0.32 0.00 | 23.47 -0.29 0.00 | 23.92 -0.29 0.00 | 24.65 -0.32 0.00 | 23.67 -0.29 0.00 | 21.77 -0.34 0.00 | 23.72 -0.23 0.00 | 30.36 -0.05 0.00 | 40.29 -0.05 0.00 | 44.45 0.09 0.00 | 38.90 0.10 0.00 | 33.85 -0.08 0.00 | 28.70 -0.08 0.00 | 30.46 -0.23 0.00 |
| RUSSELL___2 23532 | 44.72 -0.64 0.00 | 32.02 -0.45 0.00 | 26.88 -0.43 0.00 | 29.82 -0.28 0.00 | 26.67 -0.38 0.00 | 27.72 -0.47 0.00 | 26.23 -0.56 0.00 | 26.07 -0.49 0.00 | 23.21 -0.41 0.00 | 21.17 -0.36 0.00 | 23.29 -0.32 0.00 | 23.47 -0.29 0.00 | 23.92 -0.29 0.00 | 24.65 -0.32 0.00 | 23.67 -0.29 0.00 | 21.77 -0.34 0.00 | 23.72 -0.23 0.00 | 30.36 -0.05 0.00 | 40.29 -0.05 0.00 | 44.45 0.09 0.00 | 38.90 0.10 0.00 | 33.85 -0.08 0.00 | 28.70 -0.08 0.00 | 30.46 -0.23 0.00 |
| RUSSELL___3 23549 | 44.72 -0.64 0.00 | 32.02 -0.45 0.00 | 26.88 -0.43 0.00 | 29.82 -0.28 0.00 | 26.67 -0.38 0.00 | 27.72 -0.47 0.00 | 26.23 -0.56 0.00 | 26.07 -0.49 0.00 | 23.21 -0.41 0.00 | 21.17 -0.36 0.00 | 23.29 -0.32 0.00 | 23.47 -0.29 0.00 | 23.92 -0.29 0.00 | 24.65 -0.32 0.00 | 23.67 -0.29 0.00 | 21.77 -0.34 0.00 | 23.72 -0.23 0.00 | 30.36 -0.05 0.00 | 40.29 -0.05 0.00 | 44.45 0.09 0.00 | 38.90 0.10 0.00 | 33.85 -0.08 0.00 | 28.70 -0.08 0.00 | 30.46 -0.23 0.00 |
| RUSSELL___4 23556 | 44.72 -0.64 0.00 | 32.02 -0.45 0.00 | 26.88 -0.43 0.00 | 29.82 -0.28 0.00 | 26.67 -0.38 0.00 | 27.72 -0.47 0.00 | 26.23 -0.56 0.00 | 26.07 -0.49 0.00 | 23.21 -0.41 0.00 | 21.17 -0.36 0.00 | 23.29 -0.32 0.00 | 23.47 -0.29 0.00 | 23.92 -0.29 0.00 | 24.65 -0.32 0.00 | 23.67 -0.29 0.00 | 21.77 -0.34 0.00 | 23.72 -0.23 0.00 | 30.36 -0.05 0.00 | 40.29 -0.05 0.00 | 44.45 0.09 0.00 | 38.90 0.10 0.00 | 33.85 -0.08 0.00 | 28.70 -0.08 0.00 | 30.46 -0.23 0.00 |
| RUSSELL___STATION 23914 | 44.72 -0.64 0.00 | 32.02 -0.45 0.00 | 26.88 -0.43 0.00 | 29.82 -0.28 0.00 | 26.67 -0.38 0.00 | 27.72 -0.47 0.00 | 26.23 -0.56 0.00 | 26.07 -0.49 0.00 | 23.21 -0.41 0.00 | 21.17 -0.36 0.00 | 23.29 -0.32 0.00 | 23.47 -0.29 0.00 | 23.92 -0.29 0.00 | 24.65 -0.32 0.00 | 23.67 -0.29 0.00 | 21.77 -0.34 0.00 | 23.72 -0.23 0.00 | 30.36 -0.05 0.00 | 40.29 -0.05 0.00 | 44.45 0.09 0.00 | 38.90 0.10 0.00 | 33.85 -0.08 0.00 | 28.70 -0.08 0.00 | 30.46 -0.23 0.00 |
| S SALMON___HYD 24043 | 45.26 -0.10 0.00 | 32.39 -0.08 0.00 | 27.23 -0.08 0.00 | 30.04 -0.06 0.00 | 26.93 -0.12 0.00 | 28.03 -0.16 0.00 | 26.59 -0.20 0.00 | 26.29 -0.26 0.00 | 23.22 -0.40 0.00 | 21.07 -0.46 0.00 | 23.10 -0.51 0.00 | 23.21 -0.54 0.00 | 23.61 -0.60 0.00 | 24.33 -0.64 0.00 | 23.31 -0.65 0.00 | 21.51 -0.60 0.00 | 23.33 -0.62 0.00 | 29.74 -0.67 0.00 | 39.79 -0.55 0.00 | 44.08 -0.28 0.00 | 38.55 -0.25 0.00 | 33.49 -0.44 0.00 | 28.37 -0.41 0.00 | 30.15 -0.54 0.00 |
| S.PERRY__115KV_TB1 80734 | 45.76 0.40 0.00 | 32.75 0.29 0.00 | 27.45 0.15 0.00 | 30.47 0.37 0.00 | 27.27 0.22 0.00 | 28.38 0.19 0.00 | 26.84 0.05 0.00 | 26.55 0.00 0.00 | 23.37 -0.26 0.00 | 21.18 -0.35 0.00 | 23.30 -0.31 0.00 | 23.45 -0.31 0.00 | 23.89 -0.32 0.00 | 24.62 -0.35 0.00 | 23.63 -0.33 0.00 | 21.72 -0.39 0.00 | 23.69 -0.27 0.00 | 30.31 -0.09 0.00 | 40.31 -0.03 0.00 | 45.04 0.68 0.00 | 39.86 1.06 0.00 | 34.77 0.83 0.00 | 29.47 0.69 0.00 | 31.26 0.57 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 43.42 -1.95 0.00 | 31.14 -1.33 0.00 | 26.09 -1.21 0.00 | 29.17 -0.93 0.00 | 26.01 -1.04 0.00 | 26.94 -1.25 0.00 | 25.35 -1.44 0.00 | 25.29 -1.27 0.00 | 22.63 -0.99 0.00 | 20.64 -0.88 0.00 | 22.80 -0.81 0.00 | 22.93 -0.82 0.00 | 23.37 -0.84 0.00 | 24.03 -0.94 0.00 | 23.01 -0.94 0.00 | 20.99 -1.12 0.00 | 22.88 -1.08 0.00 | 29.30 -1.11 0.00 | 38.62 -1.71 0.00 | 42.74 -1.62 0.00 | 37.40 -1.40 0.00 | 32.51 -1.42 0.00 | 27.74 -1.04 0.00 | 29.54 -1.14 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 43.42 -1.95 0.00 | 31.14 -1.33 0.00 | 26.09 -1.21 0.00 | 29.17 -0.93 0.00 | 26.01 -1.04 0.00 | 26.94 -1.25 0.00 | 25.35 -1.44 0.00 | 25.29 -1.27 0.00 | 22.63 -0.99 0.00 | 20.64 -0.88 0.00 | 22.80 -0.81 0.00 | 22.93 -0.82 0.00 | 23.37 -0.84 0.00 | 24.03 -0.94 0.00 | 23.01 -0.94 0.00 | 20.99 -1.12 0.00 | 22.88 -1.08 0.00 | 29.30 -1.11 0.00 | 38.62 -1.71 0.00 | 42.74 -1.62 0.00 | 37.40 -1.40 0.00 | 32.51 -1.42 0.00 | 27.74 -1.04 0.00 | 29.54 -1.14 0.00 |
| SELKIRK___I 23801 | 46.12 0.76 0.00 | 33.53 0.74 -0.33 | 28.41 0.64 -0.47 | 30.77 0.67 0.00 | 27.58 0.53 0.00 | 28.71 0.52 0.00 | 27.31 0.52 0.00 | 26.99 0.43 0.00 | 24.08 0.28 -0.18 | 22.05 0.23 -0.30 | 24.04 0.21 -0.22 | 23.93 0.18 0.00 | 24.42 0.22 0.00 | 25.19 0.22 0.00 | 24.18 0.22 0.00 | 22.27 0.16 0.00 | 24.17 0.22 0.00 | 30.66 0.25 0.00 | 40.70 0.36 0.00 | 44.80 0.45 0.00 | 39.52 0.72 0.00 | 34.64 0.71 0.00 | 29.42 0.63 0.00 | 31.20 0.52 0.00 |
| SELKIRK___II 23799 | 45.86 0.49 0.00 | 33.36 0.53 -0.36 | 28.26 0.45 -0.51 | 30.55 0.45 0.00 | 27.38 0.33 0.00 | 28.50 0.31 0.00 | 27.13 0.34 0.00 | 26.89 0.34 0.00 | 24.09 0.28 -0.19 | 22.10 0.25 -0.32 | 24.10 0.25 -0.23 | 24.00 0.24 0.00 | 24.50 0.29 0.00 | 25.27 0.30 0.00 | 24.25 0.29 0.00 | 22.33 0.22 0.00 | 24.22 0.26 0.00 | 30.67 0.26 0.00 | 40.60 0.26 0.00 | 44.59 0.23 0.00 | 39.32 0.52 0.00 | 34.47 0.54 0.00 | 29.25 0.47 0.00 | 31.02 0.33 0.00 |
| SENECA OSWGO___HYD 24041 | 44.20 -1.17 0.00 | 31.69 -0.78 0.00 | 26.67 -0.63 0.00 | 29.43 -0.67 0.00 | 26.41 -0.64 0.00 | 27.49 -0.70 0.00 | 26.12 -0.67 0.00 | 25.88 -0.68 0.00 | 23.00 -0.62 0.00 | 20.94 -0.59 0.00 | 22.97 -0.64 0.00 | 23.08 -0.68 0.00 | 23.50 -0.72 0.00 | 24.26 -0.70 0.00 | 23.29 -0.67 0.00 | 21.50 -0.61 0.00 | 23.32 -0.63 0.00 | 29.67 -0.74 0.00 | 39.42 -0.92 0.00 | 43.40 -0.96 0.00 | 38.07 -0.73 0.00 | 33.22 -0.71 0.00 | 28.17 -0.61 0.00 | 29.95 -0.74 0.00 |
| SENECA___115KV_TB3 355854 | 43.79 -1.58 0.00 | 31.39 -1.07 0.00 | 26.31 -0.99 0.00 | 29.39 -0.71 0.00 | 26.20 -0.84 0.00 | 27.16 -1.03 0.00 | 25.58 -1.21 0.00 | 25.51 -1.05 0.00 | 22.81 -0.81 0.00 | 20.80 -0.72 0.00 | 22.98 -0.64 0.00 | 23.11 -0.64 0.00 | 23.56 -0.64 0.00 | 24.24 -0.73 0.00 | 23.24 -0.72 0.00 | 21.21 -0.90 0.00 | 23.11 -0.84 0.00 | 29.60 -0.81 0.00 | 39.05 -1.29 0.00 | 43.20 -1.16 0.00 | 37.82 -0.98 0.00 | 32.86 -1.07 0.00 | 28.02 -0.76 0.00 | 29.83 -0.85 0.00 |
| SENECA___ENERGY 23797 | 44.63 -0.73 0.00 | 31.92 -0.55 0.00 | 26.82 -0.48 0.00 | 29.65 -0.45 0.00 | 26.60 -0.45 0.00 | 27.70 -0.49 0.00 | 26.30 -0.49 0.00 | 26.06 -0.50 0.00 | 23.12 -0.50 0.00 | 20.99 -0.53 0.00 | 23.04 -0.58 0.00 | 23.21 -0.55 0.00 | 23.64 -0.57 0.00 | 24.39 -0.58 0.00 | 23.42 -0.54 0.00 | 21.59 -0.51 0.00 | 23.43 -0.52 0.00 | 29.95 -0.45 0.00 | 39.88 -0.45 0.00 | 44.04 -0.32 0.00 | 38.66 -0.14 0.00 | 33.73 -0.20 0.00 | 28.62 -0.16 0.00 | 30.35 -0.33 0.00 |
| SHOEMAKER___GT 23640 | 46.23 0.87 0.00 | 31.36 0.69 1.80 | 25.23 0.49 2.57 | 30.60 0.51 0.00 | 27.48 0.43 0.00 | 28.60 0.41 0.00 | 27.29 0.49 0.00 | 27.12 0.57 0.00 | 23.22 0.57 0.97 | 20.45 0.54 1.61 | 23.08 0.64 1.18 | 24.49 0.73 0.00 | 25.02 0.82 0.00 | 25.82 0.85 0.00 | 24.79 0.83 0.00 | 22.91 0.81 0.00 | 24.75 0.79 0.00 | 31.25 0.85 0.00 | 41.34 1.00 0.00 | 45.30 0.94 0.00 | 39.99 1.19 0.00 | 35.00 1.07 0.00 | 29.70 0.92 0.00 | 31.47 0.78 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 46.21 0.84 0.00 | 31.43 0.68 1.72 | 25.34 0.49 2.45 | 30.59 0.50 0.00 | 27.47 0.42 0.00 | 28.60 0.41 0.00 | 27.30 0.50 0.00 | 27.13 0.57 0.00 | 23.27 0.57 0.92 | 20.53 0.55 1.54 | 23.16 0.66 1.12 | 24.52 0.76 0.00 | 25.06 0.85 0.00 | 25.86 0.89 0.00 | 24.82 0.86 0.00 | 22.94 0.83 0.00 | 24.77 0.82 0.00 | 31.27 0.86 0.00 | 41.34 1.00 0.00 | 45.28 0.92 0.00 | 39.97 1.17 0.00 | 34.98 1.06 0.00 | 29.69 0.90 0.00 | 31.46 0.77 0.00 |
| SHOREHAM_IC_1 23715 | 48.12 2.75 0.00 | 36.51 1.84 -2.20 | 31.54 1.08 -3.15 | 31.20 1.09 0.00 | 28.08 1.03 0.00 | 29.25 1.05 0.00 | 28.48 1.68 0.00 | 28.38 1.83 0.00 | 26.61 1.80 -1.19 | 25.20 1.70 -1.98 | 35.55 2.13 -9.80 | 26.52 1.99 -0.77 | 26.25 2.04 0.00 | 26.90 1.93 0.00 | 25.71 1.74 0.00 | 23.74 1.64 0.00 | 25.44 1.49 0.00 | 31.87 1.46 0.00 | 42.23 1.90 0.00 | 45.60 1.24 0.00 | 40.58 1.78 0.00 | 35.26 1.33 0.00 | 29.88 1.10 0.00 | 31.55 0.86 0.00 |
| SHOREHAM_IC_2 23716 | 48.11 2.75 0.00 | 36.51 1.85 -2.20 | 31.54 1.08 -3.15 | 31.19 1.09 0.00 | 28.08 1.03 0.00 | 29.25 1.06 0.00 | 28.48 1.69 0.00 | 28.40 1.84 0.00 | 26.61 1.80 -1.19 | 25.20 1.69 -1.98 | 35.55 2.13 -9.80 | 26.52 1.99 -0.77 | 26.25 2.04 0.00 | 26.91 1.94 0.00 | 25.71 1.74 0.00 | 23.74 1.64 0.00 | 25.44 1.49 0.00 | 31.87 1.47 0.00 | 42.23 1.90 0.00 | 45.60 1.24 0.00 | 40.58 1.78 0.00 | 35.26 1.33 0.00 | 29.88 1.10 0.00 | 31.55 0.86 0.00 |
| SISSONVILLE____ 23735 | 47.06 1.70 0.00 | 33.50 1.03 0.00 | 27.98 0.67 0.00 | 30.81 0.71 0.00 | 27.88 0.84 0.00 | 29.20 1.01 0.00 | 27.60 0.80 0.00 | 27.34 0.78 0.00 | 24.18 0.55 0.00 | 21.97 0.44 0.00 | 24.08 0.47 0.00 | 24.19 0.44 0.00 | 24.61 0.40 0.00 | 25.30 0.33 0.00 | 24.24 0.28 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 31.01 0.60 0.00 | 41.49 1.15 0.00 | 46.05 1.69 0.00 | 40.03 1.23 0.00 | 34.92 0.99 0.00 | 29.47 0.69 0.00 | 31.50 0.82 0.00 |
| SITHE_IND_GS1 24169 | 43.65 -1.72 0.00 | 31.30 -1.17 0.00 | 26.36 -0.94 0.00 | 29.08 -1.01 0.00 | 26.11 -0.94 0.00 | 27.19 -1.00 0.00 | 25.83 -0.96 0.00 | 25.60 -0.95 0.00 | 22.77 -0.85 0.00 | 20.74 -0.78 0.00 | 22.76 -0.86 0.00 | 22.87 -0.88 0.00 | 23.27 -0.94 0.00 | 24.02 -0.95 0.00 | 23.06 -0.90 0.00 | 21.27 -0.83 0.00 | 23.06 -0.89 0.00 | 29.29 -1.12 0.00 | 38.87 -1.47 0.00 | 42.77 -1.58 0.00 | 37.51 -1.29 0.00 | 32.76 -1.17 0.00 | 27.78 -1.00 0.00 | 29.57 -1.12 0.00 |
| SITHE_IND_GS2 24170 | 43.65 -1.72 0.00 | 31.30 -1.17 0.00 | 26.36 -0.94 0.00 | 29.08 -1.01 0.00 | 26.11 -0.94 0.00 | 27.19 -1.00 0.00 | 25.83 -0.96 0.00 | 25.60 -0.95 0.00 | 22.77 -0.85 0.00 | 20.74 -0.78 0.00 | 22.76 -0.86 0.00 | 22.87 -0.88 0.00 | 23.27 -0.94 0.00 | 24.02 -0.95 0.00 | 23.06 -0.90 0.00 | 21.27 -0.83 0.00 | 23.06 -0.89 0.00 | 29.29 -1.12 0.00 | 38.87 -1.47 0.00 | 42.77 -1.58 0.00 | 37.51 -1.29 0.00 | 32.76 -1.17 0.00 | 27.78 -1.00 0.00 | 29.57 -1.12 0.00 |
| SITHE_IND_GS3 24171 | 43.65 -1.72 0.00 | 31.30 -1.17 0.00 | 26.36 -0.94 0.00 | 29.08 -1.01 0.00 | 26.11 -0.94 0.00 | 27.19 -1.00 0.00 | 25.83 -0.96 0.00 | 25.60 -0.95 0.00 | 22.77 -0.85 0.00 | 20.74 -0.78 0.00 | 22.76 -0.86 0.00 | 22.87 -0.88 0.00 | 23.27 -0.94 0.00 | 24.02 -0.95 0.00 | 23.06 -0.90 0.00 | 21.27 -0.83 0.00 | 23.06 -0.89 0.00 | 29.29 -1.12 0.00 | 38.87 -1.47 0.00 | 42.77 -1.58 0.00 | 37.51 -1.29 0.00 | 32.76 -1.17 0.00 | 27.78 -1.00 0.00 | 29.57 -1.12 0.00 |
| SITHE_IND_GS4 24172 | 43.65 -1.72 0.00 | 31.30 -1.17 0.00 | 26.36 -0.94 0.00 | 29.08 -1.01 0.00 | 26.11 -0.94 0.00 | 27.19 -1.00 0.00 | 25.83 -0.96 0.00 | 25.60 -0.95 0.00 | 22.77 -0.85 0.00 | 20.74 -0.78 0.00 | 22.76 -0.86 0.00 | 22.87 -0.88 0.00 | 23.27 -0.94 0.00 | 24.02 -0.95 0.00 | 23.06 -0.90 0.00 | 21.27 -0.83 0.00 | 23.06 -0.89 0.00 | 29.29 -1.12 0.00 | 38.87 -1.47 0.00 | 42.77 -1.58 0.00 | 37.51 -1.29 0.00 | 32.76 -1.17 0.00 | 27.78 -1.00 0.00 | 29.57 -1.12 0.00 |

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| SITHE___BATAVIA 24024 | 44.59 -0.77 0.00 | 31.94 -0.53 0.00 | 26.75 -0.55 0.00 | 29.83 -0.27 0.00 | 26.63 -0.42 0.00 | 27.64 -0.55 0.00 | 26.09 -0.70 0.00 | 25.92 -0.63 0.00 | 23.05 -0.57 0.00 | 20.93 -0.59 0.00 | 23.05 -0.56 0.00 | 23.14 -0.61 0.00 | 23.58 -0.63 0.00 | 24.31 -0.65 0.00 | 23.28 -0.68 0.00 | 21.29 -0.82 0.00 | 23.27 -0.68 0.00 | 29.89 -0.52 0.00 | 39.67 -0.67 0.00 | 44.13 -0.23 0.00 | 38.73 -0.07 0.00 | 33.64 -0.29 0.00 | 28.64 -0.15 0.00 | 30.43 -0.25 0.00 |
| SITHE___INDEPEND 23800 | 43.65 -1.72 0.00 | 31.29 -1.17 0.00 | 26.36 -0.94 0.00 | 29.08 -1.01 0.00 | 26.11 -0.94 0.00 | 27.19 -1.00 0.00 | 25.83 -0.97 0.00 | 25.60 -0.96 0.00 | 22.77 -0.85 0.00 | 20.74 -0.78 0.00 | 22.76 -0.86 0.00 | 22.87 -0.88 0.00 | 23.27 -0.94 0.00 | 24.01 -0.96 0.00 | 23.06 -0.90 0.00 | 21.27 -0.83 0.00 | 23.06 -0.89 0.00 | 29.29 -1.12 0.00 | 38.87 -1.47 0.00 | 42.77 -1.58 0.00 | 37.50 -1.29 0.00 | 32.76 -1.17 0.00 | 27.78 -1.00 0.00 | 29.57 -1.12 0.00 |
| SITHE___MASSENA 23902 | 46.74 1.38 0.00 | 33.29 0.83 0.00 | 27.85 0.55 0.00 | 30.68 0.59 0.00 | 27.64 0.59 0.00 | 28.92 0.73 0.00 | 27.38 0.59 0.00 | 27.12 0.56 0.00 | 24.09 0.47 0.00 | 21.93 0.40 0.00 | 24.06 0.44 0.00 | 24.19 0.43 0.00 | 24.60 0.39 0.00 | 25.30 0.34 0.00 | 24.24 0.28 0.00 | 22.37 0.27 0.00 | 24.25 0.30 0.00 | 30.94 0.54 0.00 | 41.24 0.90 0.00 | 45.56 1.20 0.00 | 39.59 0.79 0.00 | 34.60 0.67 0.00 | 29.26 0.47 0.00 | 31.30 0.62 0.00 |
| SITHE___OGDNSBRG 24021 | 47.76 2.39 0.00 | 33.98 1.52 0.00 | 28.38 1.08 0.00 | 31.26 1.16 0.00 | 28.22 1.17 0.00 | 29.53 1.34 0.00 | 27.91 1.12 0.00 | 27.54 0.98 0.00 | 24.25 0.63 0.00 | 22.02 0.49 0.00 | 24.14 0.52 0.00 | 24.27 0.51 0.00 | 24.67 0.47 0.00 | 25.37 0.41 0.00 | 24.31 0.35 0.00 | 22.43 0.33 0.00 | 24.31 0.36 0.00 | 31.15 0.74 0.00 | 41.62 1.28 0.00 | 46.47 2.11 0.00 | 40.58 1.78 0.00 | 35.46 1.53 0.00 | 29.93 1.15 0.00 | 32.01 1.32 0.00 |
| SITHE___STERLING 23777 | 46.17 0.81 0.00 | 33.07 0.61 0.00 | 27.79 0.48 0.00 | 30.65 0.55 0.00 | 27.52 0.48 0.00 | 28.69 0.50 0.00 | 27.26 0.47 0.00 | 26.94 0.38 0.00 | 23.82 0.20 0.00 | 21.64 0.12 0.00 | 23.73 0.11 0.00 | 23.86 0.10 0.00 | 24.31 0.10 0.00 | 25.06 0.10 0.00 | 24.08 0.12 0.00 | 22.22 0.12 0.00 | 24.14 0.19 0.00 | 30.77 0.36 0.00 | 41.08 0.74 0.00 | 45.42 1.06 0.00 | 39.80 1.00 0.00 | 34.70 0.77 0.00 | 29.37 0.59 0.00 | 31.21 0.52 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 44.32 -1.05 0.00 | 31.71 -0.76 0.00 | 26.64 -0.66 0.00 | 29.49 -0.61 0.00 | 26.40 -0.64 0.00 | 27.49 -0.71 0.00 | 26.06 -0.73 0.00 | 25.85 -0.71 0.00 | 22.95 -0.67 0.00 | 20.88 -0.65 0.00 | 22.94 -0.68 0.00 | 23.11 -0.65 0.00 | 23.54 -0.67 0.00 | 24.28 -0.69 0.00 | 23.31 -0.65 0.00 | 21.47 -0.63 0.00 | 23.36 -0.59 0.00 | 29.89 -0.52 0.00 | 39.75 -0.58 0.00 | 43.90 -0.46 0.00 | 38.48 -0.31 0.00 | 33.54 -0.39 0.00 | 28.43 -0.35 0.00 | 30.13 -0.55 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 48.10 2.74 0.00 | 36.54 1.87 -2.20 | 31.68 1.22 -3.15 | 31.35 1.25 0.00 | 28.20 1.15 0.00 | 29.37 1.17 0.00 | 28.35 1.56 0.00 | 28.27 1.71 0.00 | 26.50 1.69 -1.19 | 25.10 1.60 -1.98 | 35.50 2.08 -9.80 | 26.65 2.12 -0.77 | 26.40 2.19 0.00 | 27.17 2.20 0.00 | 26.02 2.06 0.00 | 24.05 1.94 0.00 | 25.78 1.83 0.00 | 32.29 1.88 0.00 | 42.63 2.30 0.00 | 46.04 1.68 0.00 | 41.00 2.20 0.00 | 35.69 1.76 0.00 | 30.22 1.44 0.00 | 31.99 1.31 0.00 |
| SOUTH CAIRO___GT 23612 | 47.25 1.89 0.00 | 33.98 1.51 0.00 | 28.54 1.24 0.00 | 31.41 1.32 0.00 | 28.11 1.07 0.00 | 29.28 1.09 0.00 | 27.84 1.05 0.00 | 27.55 0.99 0.00 | 24.32 0.70 0.00 | 22.03 0.51 0.00 | 24.08 0.47 0.00 | 24.18 0.42 0.00 | 24.69 0.48 0.00 | 25.48 0.51 0.00 | 24.46 0.50 0.00 | 22.55 0.44 0.00 | 24.57 0.61 0.00 | 31.29 0.88 0.00 | 41.73 1.39 0.00 | 46.16 1.81 0.00 | 40.80 2.00 0.00 | 35.74 1.81 0.00 | 30.25 1.46 0.00 | 31.96 1.28 0.00 |
| SOUTH HAMPTN___IC 23720 | 49.07 3.71 0.00 | 37.14 2.47 -2.20 | 32.05 1.60 -3.15 | 31.79 1.68 0.00 | 28.57 1.52 0.00 | 29.76 1.57 0.00 | 28.96 2.16 0.00 | 28.92 2.36 0.00 | 27.13 2.33 -1.19 | 25.75 2.25 -1.98 | 36.22 2.81 -9.80 | 27.26 2.73 -0.77 | 27.01 2.80 0.00 | 27.75 2.78 0.00 | 26.60 2.64 0.00 | 24.60 2.49 0.00 | 26.40 2.45 0.00 | 33.11 2.70 0.00 | 43.86 3.52 0.00 | 47.33 2.98 0.00 | 42.02 3.22 0.00 | 36.45 2.52 0.00 | 30.82 2.03 0.00 | 32.50 1.82 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 44.71 -0.65 0.00 | 32.00 -0.46 0.00 | 26.84 -0.46 0.00 | 29.93 -0.17 0.00 | 26.71 -0.34 0.00 | 27.75 -0.44 0.00 | 26.27 -0.52 0.00 | 26.18 -0.38 0.00 | 23.41 -0.22 0.00 | 21.36 -0.17 0.00 | 23.56 -0.06 0.00 | 23.75 -0.01 0.00 | 24.18 -0.03 0.00 | 24.90 -0.07 0.00 | 23.92 -0.04 0.00 | 21.82 -0.28 0.00 | 23.73 -0.23 0.00 | 30.31 -0.09 0.00 | 40.04 -0.30 0.00 | 44.35 -0.01 0.00 | 38.88 0.07 0.00 | 33.78 -0.15 0.00 | 28.74 -0.04 0.00 | 30.55 -0.13 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 49.67 4.30 0.00 | 37.53 2.86 -2.20 | 32.36 1.90 -3.15 | 32.14 2.04 0.00 | 28.86 1.81 0.00 | 30.08 1.89 0.00 | 29.30 2.51 0.00 | 29.29 2.73 0.00 | 27.50 2.69 -1.19 | 26.09 2.59 -1.98 | 36.66 3.25 -9.80 | 27.71 3.19 -0.77 | 27.47 3.27 0.00 | 28.27 3.31 0.00 | 27.13 3.17 0.00 | 25.11 3.00 0.00 | 26.98 3.03 0.00 | 33.88 3.47 0.00 | 44.88 4.54 0.00 | 48.39 4.04 0.00 | 42.92 4.12 0.00 | 37.19 3.26 0.00 | 31.44 2.65 0.00 | 33.10 2.42 0.00 |
| SOUTHOLD___IC 23719 | 49.67 4.31 0.00 | 37.53 2.86 -2.20 | 32.35 1.90 -3.15 | 32.14 2.04 0.00 | 28.86 1.81 0.00 | 30.08 1.89 0.00 | 29.29 2.50 0.00 | 29.29 2.73 0.00 | 27.50 2.69 -1.19 | 26.09 2.59 -1.98 | 36.66 3.25 -9.80 | 27.71 3.19 -0.77 | 27.47 3.26 0.00 | 28.27 3.30 0.00 | 27.13 3.17 0.00 | 25.11 3.00 0.00 | 26.98 3.03 0.00 | 33.88 3.47 0.00 | 44.88 4.54 0.00 | 48.40 4.04 0.00 | 42.91 4.12 0.00 | 37.19 3.26 0.00 | 31.43 2.65 0.00 | 33.10 2.42 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 49.80 4.44 0.00 | 37.60 2.93 -2.20 | 32.41 1.96 -3.15 | 32.23 2.13 0.00 | 28.90 1.85 0.00 | 30.13 1.94 0.00 | 29.38 2.59 0.00 | 29.40 2.84 0.00 | 27.60 2.79 -1.19 | 26.21 2.71 -1.98 | 36.83 3.42 -9.80 | 27.89 3.36 -0.77 | 27.64 3.43 0.00 | 28.45 3.49 0.00 | 27.30 3.34 0.00 | 25.29 3.18 0.00 | 27.18 3.23 0.00 | 34.13 3.72 0.00 | 45.20 4.86 0.00 | 48.74 4.39 0.00 | 43.22 4.42 0.00 | 37.45 3.52 0.00 | 31.63 2.85 0.00 | 33.31 2.62 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 46.93 1.57 0.00 | 34.21 1.41 -0.33 | 28.87 1.09 -0.48 | 31.22 1.12 0.00 | 28.04 0.99 0.00 | 29.22 1.03 0.00 | 27.79 1.00 0.00 | 27.49 0.94 0.00 | 24.45 0.65 -0.18 | 22.35 0.52 -0.30 | 24.18 0.34 -0.22 | 24.03 0.27 0.00 | 24.50 0.29 0.00 | 25.27 0.30 0.00 | 24.27 0.31 0.00 | 22.46 0.36 0.00 | 24.45 0.50 0.00 | 31.26 0.85 0.00 | 41.94 1.60 0.00 | 46.15 1.79 0.00 | 40.81 2.01 0.00 | 35.72 1.79 0.00 | 30.24 1.45 0.00 | 32.07 1.38 0.00 |
| ST LAWRENCE____ 23600 | 46.00 0.64 0.00 | 32.77 0.31 0.00 | 27.50 0.20 0.00 | 30.33 0.23 0.00 | 27.29 0.24 0.00 | 28.45 0.26 0.00 | 26.96 0.17 0.00 | 26.71 0.15 0.00 | 23.76 0.14 0.00 | 21.65 0.12 0.00 | 23.73 0.11 0.00 | 23.87 0.10 0.00 | 24.28 0.06 0.00 | 24.98 0.01 0.00 | 23.94 -0.01 0.00 | 22.10 -0.01 0.00 | 23.94 -0.01 0.00 | 30.53 0.12 0.00 | 40.63 0.29 0.00 | 44.80 0.44 0.00 | 38.91 0.11 0.00 | 34.02 0.09 0.00 | 28.79 0.01 0.00 | 30.80 0.11 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 46.05 0.69 0.00 | 33.49 0.66 -0.36 | 28.36 0.54 -0.51 | 30.64 0.55 0.00 | 27.42 0.38 0.00 | 28.56 0.36 0.00 | 27.18 0.39 0.00 | 26.97 0.41 0.00 | 24.13 0.32 -0.19 | 22.13 0.28 -0.32 | 24.13 0.28 -0.23 | 24.02 0.26 0.00 | 24.53 0.32 0.00 | 25.31 0.34 0.00 | 24.29 0.33 0.00 | 22.35 0.25 0.00 | 24.28 0.33 0.00 | 30.77 0.36 0.00 | 40.78 0.44 0.00 | 44.77 0.41 0.00 | 39.48 0.68 0.00 | 34.61 0.68 0.00 | 29.35 0.57 0.00 | 31.10 0.41 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 45.08 -0.28 0.00 | 32.18 -0.28 0.00 | 27.06 -0.25 0.00 | 29.88 -0.22 0.00 | 26.81 -0.23 0.00 | 27.94 -0.26 0.00 | 26.53 -0.26 0.00 | 26.27 -0.29 0.00 | 23.30 -0.32 0.00 | 21.17 -0.36 0.00 | 23.22 -0.40 0.00 | 23.43 -0.33 0.00 | 23.86 -0.35 0.00 | 24.62 -0.35 0.00 | 23.66 -0.30 0.00 | 21.76 -0.35 0.00 | 23.62 -0.33 0.00 | 30.22 -0.19 0.00 | 40.23 -0.11 0.00 | 44.41 0.05 0.00 | 39.00 0.20 0.00 | 34.04 0.11 0.00 | 28.85 0.07 0.00 | 30.54 -0.14 0.00 |
| STATION_5_MISC_HYD 23604 | 44.50 -0.86 0.00 | 31.87 -0.60 0.00 | 26.75 -0.55 0.00 | 29.69 -0.41 0.00 | 26.55 -0.49 0.00 | 27.61 -0.58 0.00 | 26.16 -0.64 0.00 | 25.98 -0.58 0.00 | 23.12 -0.50 0.00 | 21.08 -0.45 0.00 | 23.19 -0.42 0.00 | 23.35 -0.40 0.00 | 23.79 -0.42 0.00 | 24.54 -0.43 0.00 | 23.53 -0.43 0.00 | 21.63 -0.47 0.00 | 23.56 -0.39 0.00 | 30.15 -0.26 0.00 | 39.98 -0.35 0.00 | 44.11 -0.24 0.00 | 38.62 -0.18 0.00 | 33.61 -0.32 0.00 | 28.53 -0.25 0.00 | 30.28 -0.41 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 44.50 -0.87 0.00 | 31.86 -0.60 0.00 | 26.76 -0.55 0.00 | 29.63 -0.47 0.00 | 26.54 -0.51 0.00 | 27.62 -0.57 0.00 | 26.17 -0.62 0.00 | 25.98 -0.58 0.00 | 23.09 -0.53 0.00 | 21.02 -0.51 0.00 | 23.08 -0.53 0.00 | 23.24 -0.52 0.00 | 23.67 -0.54 0.00 | 24.40 -0.57 0.00 | 23.43 -0.53 0.00 | 21.58 -0.52 0.00 | 23.49 -0.46 0.00 | 30.02 -0.39 0.00 | 39.91 -0.43 0.00 | 44.05 -0.30 0.00 | 38.59 -0.21 0.00 | 33.63 -0.30 0.00 | 28.53 -0.25 0.00 | 30.27 -0.41 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 44.28 -1.09 0.00 | 31.69 -0.77 0.00 | 26.61 -0.69 0.00 | 29.51 -0.59 0.00 | 26.41 -0.64 0.00 | 27.46 -0.73 0.00 | 25.99 -0.80 0.00 | 25.83 -0.73 0.00 | 22.99 -0.63 0.00 | 20.97 -0.56 0.00 | 23.06 -0.55 0.00 | 23.23 -0.53 0.00 | 23.66 -0.55 0.00 | 24.37 -0.59 0.00 | 23.41 -0.55 0.00 | 21.53 -0.58 0.00 | 23.45 -0.50 0.00 | 30.00 -0.41 0.00 | 39.79 -0.55 0.00 | 43.89 -0.47 0.00 | 38.41 -0.39 0.00 | 33.44 -0.49 0.00 | 28.37 -0.41 0.00 | 30.12 -0.57 0.00 |
| STA_56___34_KV_BUS2 355983 | 44.28 -1.09 0.00 | 31.69 -0.77 0.00 | 26.61 -0.69 0.00 | 29.51 -0.59 0.00 | 26.41 -0.64 0.00 | 27.46 -0.73 0.00 | 25.99 -0.80 0.00 | 25.83 -0.73 0.00 | 22.99 -0.63 0.00 | 20.97 -0.56 0.00 | 23.06 -0.55 0.00 | 23.23 -0.53 0.00 | 23.66 -0.55 0.00 | 24.37 -0.59 0.00 | 23.41 -0.55 0.00 | 21.53 -0.58 0.00 | 23.45 -0.50 0.00 | 30.00 -0.41 0.00 | 39.79 -0.55 0.00 | 43.89 -0.47 0.00 | 38.41 -0.39 0.00 | 33.44 -0.49 0.00 | 28.37 -0.41 0.00 | 30.12 -0.57 0.00 |
| STA_67___115KV_BK2 355882 | 44.41 -0.96 0.00 | 31.80 -0.67 0.00 | 26.70 -0.61 0.00 | 29.63 -0.47 0.00 | 26.50 -0.55 0.00 | 27.55 -0.64 0.00 | 26.07 -0.72 0.00 | 25.91 -0.65 0.00 | 23.07 -0.55 0.00 | 21.03 -0.49 0.00 | 23.14 -0.47 0.00 | 23.30 -0.46 0.00 | 23.73 -0.48 0.00 | 24.45 -0.52 0.00 | 23.47 -0.49 0.00 | 21.57 -0.53 0.00 | 23.50 -0.46 0.00 | 30.05 -0.36 0.00 | 39.85 -0.49 0.00 | 43.97 -0.38 0.00 | 38.50 -0.30 0.00 | 33.52 -0.41 0.00 | 28.44 -0.34 0.00 | 30.20 -0.49 0.00 |
| STA_7___115KV_9TRANS 80674 | 44.72 -0.64 0.00 | 32.02 -0.45 0.00 | 26.88 -0.43 0.00 | 29.82 -0.28 0.00 | 26.67 -0.38 0.00 | 27.72 -0.47 0.00 | 26.23 -0.56 0.00 | 26.07 -0.49 0.00 | 23.21 -0.41 0.00 | 21.17 -0.36 0.00 | 23.29 -0.32 0.00 | 23.47 -0.29 0.00 | 23.92 -0.29 0.00 | 24.65 -0.32 0.00 | 23.67 -0.29 0.00 | 21.77 -0.34 0.00 | 23.72 -0.23 0.00 | 30.36 -0.05 0.00 | 40.29 -0.05 0.00 | 44.45 0.09 0.00 | 38.90 0.10 0.00 | 33.85 -0.08 0.00 | 28.70 -0.08 0.00 | 30.46 -0.23 0.00 |
| STA_82___115KV_TB1 80780 | 44.41 -0.96 0.00 | 31.80 -0.66 0.00 | 26.71 -0.60 0.00 | 29.63 -0.47 0.00 | 26.50 -0.54 0.00 | 27.55 -0.64 0.00 | 26.07 -0.72 0.00 | 25.91 -0.64 0.00 | 23.06 -0.56 0.00 | 21.03 -0.49 0.00 | 23.14 -0.47 0.00 | 23.30 -0.46 0.00 | 23.73 -0.48 0.00 | 24.44 -0.53 0.00 | 23.46 -0.50 0.00 | 21.57 -0.53 0.00 | 23.49 -0.46 0.00 | 30.05 -0.36 0.00 | 39.85 -0.49 0.00 | 43.98 -0.38 0.00 | 38.52 -0.28 0.00 | 33.54 -0.39 0.00 | 28.45 -0.33 0.00 | 30.21 -0.48 0.00 |
| STEEL___WIND 323596 | 43.75 -1.62 0.00 | 31.37 -1.10 0.00 | 26.29 -1.01 0.00 | 29.37 -0.73 0.00 | 26.17 -0.87 0.00 | 27.16 -1.03 0.00 | 25.61 -1.18 0.00 | 25.53 -1.03 0.00 | 22.83 -0.80 0.00 | 20.78 -0.74 0.00 | 22.95 -0.66 0.00 | 23.08 -0.68 0.00 | 23.54 -0.67 0.00 | 24.28 -0.69 0.00 | 23.21 -0.75 0.00 | 21.17 -0.93 0.00 | 23.07 -0.88 0.00 | 29.55 -0.85 0.00 | 39.02 -1.32 0.00 | 43.15 -1.21 0.00 | 37.77 -1.03 0.00 | 32.82 -1.11 0.00 | 28.00 -0.78 0.00 | 29.80 -0.89 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 46.17 0.80 0.00 | 33.55 0.71 -0.36 | 28.41 0.58 -0.52 | 30.70 0.60 0.00 | 27.48 0.43 0.00 | 28.63 0.44 0.00 | 27.29 0.50 0.00 | 26.98 0.42 0.00 | 24.19 0.37 -0.20 | 22.19 0.34 -0.33 | 24.21 0.35 -0.24 | 24.08 0.32 0.00 | 24.63 0.43 0.00 | 25.41 0.45 0.00 | 24.37 0.40 0.00 | 22.48 0.37 0.00 | 24.43 0.48 0.00 | 30.98 0.57 0.00 | 41.00 0.66 0.00 | 45.04 0.68 0.00 | 39.60 0.81 0.00 | 34.72 0.79 0.00 | 29.46 0.68 0.00 | 31.20 0.52 0.00 |
| STEUBEN_REC_LFGE 323667 | 44.83 -0.53 0.00 | 32.14 -0.32 0.00 | 26.89 -0.41 0.00 | 29.83 -0.27 0.00 | 26.78 -0.27 0.00 | 27.85 -0.35 0.00 | 26.38 -0.42 0.00 | 26.08 -0.48 0.00 | 23.12 -0.51 0.00 | 20.92 -0.61 0.00 | 22.95 -0.66 0.00 | 23.09 -0.67 0.00 | 23.54 -0.67 0.00 | 24.28 -0.69 0.00 | 23.31 -0.64 0.00 | 21.38 -0.73 0.00 | 23.31 -0.64 0.00 | 29.78 -0.63 0.00 | 39.67 -0.67 0.00 | 44.21 -0.15 0.00 | 38.96 0.16 0.00 | 33.95 0.02 0.00 | 28.82 0.04 0.00 | 30.63 -0.05 0.00 |
| STILLWATER___SOLAR 323814 | 46.93 1.57 0.00 | 34.15 1.35 -0.34 | 28.87 1.07 -0.49 | 31.24 1.14 0.00 | 28.04 0.99 0.00 | 29.21 1.02 0.00 | 27.79 1.00 0.00 | 27.50 0.95 0.00 | 24.52 0.71 -0.18 | 22.41 0.58 -0.31 | 24.35 0.51 -0.22 | 24.21 0.45 0.00 | 24.71 0.50 0.00 | 25.49 0.52 0.00 | 24.47 0.51 0.00 | 22.62 0.51 0.00 | 24.62 0.67 0.00 | 31.37 0.96 0.00 | 41.79 1.45 0.00 | 46.00 1.65 0.00 | 40.59 1.79 0.00 | 35.56 1.63 0.00 | 30.14 1.35 0.00 | 31.95 1.27 0.00 |
| STONY___BROOK 24151 | 48.05 2.68 0.00 | 36.50 1.83 -2.20 | 31.63 1.18 -3.15 | 31.30 1.21 0.00 | 28.16 1.11 0.00 | 29.32 1.13 0.00 | 28.32 1.53 0.00 | 28.24 1.69 0.00 | 26.48 1.67 -1.19 | 25.08 1.58 -1.98 | 35.47 2.05 -9.80 | 26.60 2.07 -0.77 | 26.34 2.13 0.00 | 27.09 2.13 0.00 | 25.95 1.99 0.00 | 23.99 1.88 0.00 | 25.71 1.76 0.00 | 32.19 1.78 0.00 | 42.44 2.10 0.00 | 45.83 1.47 0.00 | 40.90 2.10 0.00 | 35.61 1.68 0.00 | 30.15 1.37 0.00 | 31.90 1.22 0.00 |
| STURGEON_POOL_HYD 23609 | 46.44 1.08 0.00 | 33.34 0.88 0.00 | 27.97 0.66 0.00 | 30.78 0.67 0.00 | 27.64 0.60 0.00 | 28.78 0.58 0.00 | 27.47 0.68 0.00 | 27.33 0.77 0.00 | 24.43 0.81 0.00 | 22.33 0.80 0.00 | 24.56 0.95 0.00 | 24.80 1.04 0.00 | 25.34 1.14 0.00 | 26.15 1.19 0.00 | 25.09 1.13 0.00 | 23.21 1.11 0.00 | 25.05 1.10 0.00 | 31.60 1.19 0.00 | 41.69 1.35 0.00 | 45.58 1.22 0.00 | 40.29 1.50 0.00 | 35.29 1.36 0.00 | 29.94 1.16 0.00 | 31.68 0.99 0.00 |

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| ST_LAW_115_BK7_LBMP 345037 | 46.08 0.71 0.00 | 32.82 0.36 0.00 | 27.53 0.22 0.00 | 30.36 0.25 0.00 | 27.33 0.28 0.00 | 28.50 0.31 0.00 | 26.99 0.20 0.00 | 26.74 0.18 0.00 | 23.78 0.16 0.00 | 21.66 0.13 0.00 | 23.75 0.14 0.00 | 23.88 0.13 0.00 | 24.29 0.08 0.00 | 24.99 0.03 0.00 | 23.95 -0.01 0.00 | 22.11 0.00 0.00 | 23.95 0.00 0.00 | 30.55 0.14 0.00 | 40.67 0.33 0.00 | 44.85 0.50 0.00 | 38.95 0.15 0.00 | 34.06 0.13 0.00 | 28.82 0.04 0.00 | 30.84 0.16 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 46.08 0.71 0.00 | 32.82 0.36 0.00 | 27.53 0.22 0.00 | 30.36 0.25 0.00 | 27.33 0.28 0.00 | 28.50 0.31 0.00 | 26.99 0.20 0.00 | 26.74 0.18 0.00 | 23.78 0.16 0.00 | 21.66 0.13 0.00 | 23.75 0.14 0.00 | 23.88 0.13 0.00 | 24.29 0.08 0.00 | 24.99 0.03 0.00 | 23.95 -0.01 0.00 | 22.11 0.00 0.00 | 23.95 0.00 0.00 | 30.55 0.14 0.00 | 40.67 0.33 0.00 | 44.85 0.50 0.00 | 38.95 0.15 0.00 | 34.06 0.13 0.00 | 28.82 0.04 0.00 | 30.84 0.16 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 46.00 0.64 0.00 | 32.77 0.31 0.00 | 27.50 0.20 0.00 | 30.33 0.23 0.00 | 27.29 0.24 0.00 | 28.45 0.26 0.00 | 26.96 0.17 0.00 | 26.71 0.15 0.00 | 23.76 0.14 0.00 | 21.65 0.12 0.00 | 23.73 0.12 0.00 | 23.87 0.11 0.00 | 24.28 0.06 0.00 | 24.98 0.01 0.00 | 23.94 -0.01 0.00 | 22.10 -0.01 0.00 | 23.94 -0.01 0.00 | 30.53 0.12 0.00 | 40.63 0.29 0.00 | 44.80 0.44 0.00 | 38.91 0.11 0.00 | 34.02 0.09 0.00 | 28.79 0.01 0.00 | 30.80 0.11 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 46.00 0.64 0.00 | 32.77 0.31 0.00 | 27.50 0.20 0.00 | 30.33 0.23 0.00 | 27.29 0.24 0.00 | 28.45 0.26 0.00 | 26.96 0.17 0.00 | 26.71 0.15 0.00 | 23.76 0.14 0.00 | 21.65 0.12 0.00 | 23.73 0.12 0.00 | 23.87 0.11 0.00 | 24.28 0.06 0.00 | 24.98 0.01 0.00 | 23.94 -0.01 0.00 | 22.10 -0.01 0.00 | 23.94 -0.01 0.00 | 30.53 0.12 0.00 | 40.63 0.29 0.00 | 44.80 0.44 0.00 | 38.91 0.11 0.00 | 34.02 0.09 0.00 | 28.79 0.01 0.00 | 30.80 0.11 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 46.38 1.02 0.00 | 31.21 0.80 2.06 | 24.94 0.57 2.94 | 30.68 0.59 0.00 | 27.55 0.51 0.00 | 28.68 0.49 0.00 | 27.38 0.59 0.00 | 27.24 0.68 0.00 | 23.23 0.71 1.11 | 20.37 0.69 1.85 | 23.11 0.85 1.35 | 24.73 0.98 0.00 | 25.29 1.08 0.00 | 26.10 1.14 0.00 | 25.05 1.09 0.00 | 23.15 1.04 0.00 | 24.97 1.02 0.00 | 31.48 1.07 0.00 | 41.54 1.20 0.00 | 45.43 1.08 0.00 | 40.13 1.33 0.00 | 35.12 1.19 0.00 | 29.82 1.04 0.00 | 31.58 0.90 0.00 |
| SWANROAD_115KV_TB1 355699 | 42.83 -2.53 0.00 | 30.74 -1.72 0.00 | 25.76 -1.54 0.00 | 28.83 -1.27 0.00 | 25.71 -1.34 0.00 | 26.62 -1.57 0.00 | 25.00 -1.79 0.00 | 24.97 -1.58 0.00 | 22.37 -1.25 0.00 | 20.36 -1.17 0.00 | 22.49 -1.12 0.00 | 22.59 -1.16 0.00 | 23.02 -1.19 0.00 | 23.66 -1.31 0.00 | 22.64 -1.32 0.00 | 20.53 -1.58 0.00 | 22.39 -1.56 0.00 | 28.71 -1.70 0.00 | 37.85 -2.49 0.00 | 41.90 -2.46 0.00 | 36.70 -2.10 0.00 | 31.88 -2.05 0.00 | 27.28 -1.50 0.00 | 29.16 -1.52 0.00 |
| SYNERGY___BIOGAS 323694 | 44.60 -0.76 0.00 | 31.94 -0.53 0.00 | 26.75 -0.55 0.00 | 29.83 -0.27 0.00 | 26.63 -0.42 0.00 | 27.62 -0.57 0.00 | 26.04 -0.75 0.00 | 25.89 -0.67 0.00 | 23.03 -0.59 0.00 | 20.93 -0.60 0.00 | 23.05 -0.57 0.00 | 23.14 -0.62 0.00 | 23.58 -0.63 0.00 | 24.27 -0.70 0.00 | 23.28 -0.68 0.00 | 21.29 -0.82 0.00 | 23.27 -0.68 0.00 | 29.89 -0.52 0.00 | 39.67 -0.67 0.00 | 44.12 -0.23 0.00 | 38.73 -0.07 0.00 | 33.64 -0.28 0.00 | 28.63 -0.16 0.00 | 30.43 -0.25 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 44.64 -0.73 0.00 | 31.98 -0.49 0.00 | 26.91 -0.39 0.00 | 29.70 -0.40 0.00 | 26.66 -0.39 0.00 | 27.77 -0.42 0.00 | 26.38 -0.41 0.00 | 26.14 -0.42 0.00 | 23.22 -0.40 0.00 | 21.14 -0.38 0.00 | 23.21 -0.41 0.00 | 23.35 -0.40 0.00 | 23.78 -0.43 0.00 | 24.53 -0.44 0.00 | 23.56 -0.40 0.00 | 21.74 -0.37 0.00 | 23.59 -0.36 0.00 | 30.04 -0.37 0.00 | 39.93 -0.40 0.00 | 43.96 -0.40 0.00 | 38.55 -0.25 0.00 | 33.64 -0.29 0.00 | 28.52 -0.26 0.00 | 30.29 -0.39 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 44.64 -0.73 0.00 | 31.98 -0.49 0.00 | 26.91 -0.39 0.00 | 29.70 -0.40 0.00 | 26.66 -0.39 0.00 | 27.77 -0.42 0.00 | 26.38 -0.41 0.00 | 26.14 -0.42 0.00 | 23.22 -0.40 0.00 | 21.14 -0.38 0.00 | 23.21 -0.41 0.00 | 23.35 -0.40 0.00 | 23.78 -0.43 0.00 | 24.53 -0.44 0.00 | 23.56 -0.40 0.00 | 21.74 -0.37 0.00 | 23.59 -0.36 0.00 | 30.04 -0.37 0.00 | 39.93 -0.40 0.00 | 43.96 -0.40 0.00 | 38.55 -0.25 0.00 | 33.64 -0.29 0.00 | 28.52 -0.26 0.00 | 30.29 -0.39 0.00 |
| SYRACUSE___POWER 24017 | 44.60 -0.76 0.00 | 31.98 -0.49 0.00 | 26.92 -0.39 0.00 | 29.70 -0.40 0.00 | 26.65 -0.39 0.00 | 27.78 -0.42 0.00 | 26.40 -0.39 0.00 | 26.16 -0.40 0.00 | 23.24 -0.38 0.00 | 21.15 -0.37 0.00 | 23.22 -0.39 0.00 | 23.36 -0.40 0.00 | 23.78 -0.43 0.00 | 24.52 -0.45 0.00 | 23.56 -0.40 0.00 | 21.73 -0.38 0.00 | 23.58 -0.37 0.00 | 30.02 -0.39 0.00 | 39.90 -0.44 0.00 | 43.92 -0.43 0.00 | 38.53 -0.27 0.00 | 33.63 -0.30 0.00 | 28.49 -0.29 0.00 | 30.27 -0.41 0.00 |
| TALLMAN_138KV_BK151 55660 | 46.60 1.24 0.00 | 30.61 0.91 2.77 | 24.00 0.66 3.96 | 30.78 0.67 0.00 | 27.62 0.57 0.00 | 28.76 0.57 0.00 | 27.49 0.70 0.00 | 27.37 0.81 0.00 | 22.99 0.86 1.49 | 19.89 0.85 2.49 | 22.84 1.04 1.81 | 24.96 1.20 0.00 | 25.55 1.34 0.00 | 26.37 1.40 0.00 | 25.29 1.33 0.00 | 23.36 1.25 0.00 | 25.16 1.21 0.00 | 31.66 1.25 0.00 | 41.71 1.37 0.00 | 45.58 1.22 0.00 | 40.29 1.49 0.00 | 35.27 1.34 0.00 | 29.96 1.18 0.00 | 31.73 1.04 0.00 |
| TEALLAVE_115KV_TB7 355573 | 44.35 -1.02 0.00 | 31.80 -0.66 0.00 | 26.78 -0.53 0.00 | 29.55 -0.56 0.00 | 26.52 -0.53 0.00 | 27.63 -0.56 0.00 | 26.26 -0.53 0.00 | 26.03 -0.53 0.00 | 23.14 -0.48 0.00 | 21.07 -0.45 0.00 | 23.14 -0.48 0.00 | 23.27 -0.48 0.00 | 23.69 -0.52 0.00 | 24.42 -0.55 0.00 | 23.45 -0.51 0.00 | 21.63 -0.48 0.00 | 23.46 -0.49 0.00 | 29.85 -0.55 0.00 | 39.66 -0.68 0.00 | 43.63 -0.72 0.00 | 38.27 -0.53 0.00 | 33.40 -0.53 0.00 | 28.30 -0.48 0.00 | 30.09 -0.60 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 43.73 -1.63 0.00 | 31.35 -1.11 0.00 | 26.28 -1.03 0.00 | 29.35 -0.76 0.00 | 26.18 -0.87 0.00 | 27.14 -1.06 0.00 | 25.53 -1.26 0.00 | 25.46 -1.10 0.00 | 22.73 -0.89 0.00 | 20.67 -0.86 0.00 | 22.84 -0.78 0.00 | 22.94 -0.82 0.00 | 23.38 -0.83 0.00 | 24.04 -0.93 0.00 | 23.04 -0.92 0.00 | 21.00 -1.11 0.00 | 22.91 -1.04 0.00 | 29.39 -1.02 0.00 | 38.86 -1.48 0.00 | 43.07 -1.29 0.00 | 37.74 -1.06 0.00 | 32.79 -1.14 0.00 | 27.98 -0.81 0.00 | 29.81 -0.88 0.00 |
| TEMPLE___115KV_TB 2 55572 | 44.35 -1.02 0.00 | 31.81 -0.65 0.00 | 26.78 -0.52 0.00 | 29.55 -0.55 0.00 | 26.52 -0.53 0.00 | 27.63 -0.56 0.00 | 26.27 -0.52 0.00 | 26.04 -0.52 0.00 | 23.14 -0.48 0.00 | 21.08 -0.44 0.00 | 23.15 -0.47 0.00 | 23.28 -0.47 0.00 | 23.71 -0.50 0.00 | 24.43 -0.54 0.00 | 23.46 -0.50 0.00 | 21.64 -0.46 0.00 | 23.48 -0.47 0.00 | 29.87 -0.54 0.00 | 39.67 -0.67 0.00 | 43.65 -0.70 0.00 | 38.28 -0.52 0.00 | 33.41 -0.52 0.00 | 28.32 -0.46 0.00 | 30.10 -0.58 0.00 |
| TIANA___69_KV_BK 1 55817 | 48.82 3.46 0.00 | 36.98 2.31 -2.20 | 31.92 1.47 -3.15 | 31.64 1.54 0.00 | 28.45 1.41 0.00 | 29.65 1.45 0.00 | 28.83 2.04 0.00 | 28.78 2.22 0.00 | 27.00 2.19 -1.19 | 25.60 2.10 -1.98 | 36.05 2.64 -9.80 | 27.08 2.55 -0.77 | 26.83 2.62 0.00 | 27.57 2.60 0.00 | 26.40 2.43 0.00 | 24.41 2.31 0.00 | 26.18 2.23 0.00 | 32.83 2.43 0.00 | 43.48 3.14 0.00 | 46.93 2.57 0.00 | 41.68 2.89 0.00 | 36.17 2.24 0.00 | 30.59 1.81 0.00 | 32.28 1.59 0.00 |

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| TILDEN___115KV_TB1 80814 | 44.60 -0.76 0.00 | 31.98 -0.49 0.00 | 26.92 -0.39 0.00 | 29.70 -0.40 0.00 | 26.65 -0.39 0.00 | 27.78 -0.42 0.00 | 26.40 -0.39 0.00 | 26.16 -0.40 0.00 | 23.24 -0.38 0.00 | 21.15 -0.37 0.00 | 23.22 -0.39 0.00 | 23.36 -0.40 0.00 | 23.78 -0.43 0.00 | 24.52 -0.45 0.00 | 23.56 -0.40 0.00 | 21.73 -0.38 0.00 | 23.58 -0.37 0.00 | 30.02 -0.39 0.00 | 39.90 -0.44 0.00 | 43.92 -0.43 0.00 | 38.53 -0.27 0.00 | 33.63 -0.30 0.00 | 28.49 -0.29 0.00 | 30.27 -0.41 0.00 |
| TRIGEN___CC 323695 | 47.37 2.01 0.00 | 36.07 1.41 -2.20 | 31.43 0.98 -3.15 | 31.12 1.01 0.00 | 27.96 0.91 0.00 | 29.11 0.92 0.00 | 27.93 1.14 0.00 | 27.81 1.26 0.00 | 26.07 1.26 -1.19 | 24.72 1.21 -1.98 | 35.00 1.59 -9.80 | 26.28 1.75 -0.77 | 26.02 1.81 0.00 | 26.79 1.83 0.00 | 25.68 1.72 0.00 | 23.72 1.62 0.00 | 25.46 1.51 0.00 | 31.96 1.55 0.00 | 42.38 2.04 0.00 | 45.85 1.49 0.00 | 40.66 1.86 0.00 | 35.56 1.63 0.00 | 30.17 1.39 0.00 | 32.00 1.31 0.00 |
| TRINITY___115KV___4 BK 55933 | 45.86 0.50 0.00 | 33.38 0.55 -0.36 | 28.28 0.45 -0.52 | 30.54 0.45 0.00 | 27.34 0.29 0.00 | 28.46 0.26 0.00 | 27.09 0.30 0.00 | 26.88 0.32 0.00 | 24.07 0.25 -0.20 | 22.07 0.21 -0.33 | 24.06 0.20 -0.24 | 23.94 0.19 0.00 | 24.45 0.24 0.00 | 25.22 0.26 0.00 | 24.20 0.24 0.00 | 22.27 0.16 0.00 | 24.16 0.21 0.00 | 30.62 0.21 0.00 | 40.56 0.22 0.00 | 44.53 0.17 0.00 | 39.27 0.47 0.00 | 34.45 0.52 0.00 | 29.23 0.44 0.00 | 30.97 0.28 0.00 |
| UNION___PROCESSING_DRP 323587 | 44.42 -0.94 0.00 | 31.81 -0.65 0.00 | 26.71 -0.60 0.00 | 29.64 -0.46 0.00 | 26.51 -0.54 0.00 | 27.56 -0.63 0.00 | 26.09 -0.70 0.00 | 25.92 -0.64 0.00 | 23.07 -0.55 0.00 | 21.03 -0.49 0.00 | 23.14 -0.47 0.00 | 23.30 -0.46 0.00 | 23.73 -0.48 0.00 | 24.45 -0.52 0.00 | 23.47 -0.49 0.00 | 21.58 -0.53 0.00 | 23.50 -0.45 0.00 | 30.06 -0.35 0.00 | 39.86 -0.47 0.00 | 43.99 -0.36 0.00 | 38.52 -0.28 0.00 | 33.54 -0.39 0.00 | 28.45 -0.33 0.00 | 30.21 -0.48 0.00 |
| UPPER HUDSON___HYD 24058 | 46.93 1.57 0.00 | 34.21 1.41 -0.33 | 28.87 1.09 -0.48 | 31.22 1.12 0.00 | 28.04 0.99 0.00 | 29.22 1.03 0.00 | 27.78 0.99 0.00 | 27.49 0.93 0.00 | 24.45 0.65 -0.18 | 22.34 0.52 -0.30 | 24.18 0.34 -0.22 | 24.03 0.28 0.00 | 24.50 0.29 0.00 | 25.26 0.29 0.00 | 24.27 0.31 0.00 | 22.46 0.36 0.00 | 24.45 0.50 0.00 | 31.26 0.85 0.00 | 41.94 1.60 0.00 | 46.15 1.79 0.00 | 40.81 2.01 0.00 | 35.72 1.79 0.00 | 30.24 1.45 0.00 | 32.07 1.39 0.00 |
| UPPER RAQUET___HYD 24056 | 47.06 1.70 0.00 | 33.50 1.03 0.00 | 27.98 0.67 0.00 | 30.81 0.71 0.00 | 27.88 0.84 0.00 | 29.20 1.01 0.00 | 27.60 0.80 0.00 | 27.34 0.78 0.00 | 24.18 0.55 0.00 | 21.97 0.44 0.00 | 24.08 0.47 0.00 | 24.20 0.44 0.00 | 24.61 0.40 0.00 | 25.30 0.33 0.00 | 24.24 0.28 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 31.01 0.60 0.00 | 41.49 1.15 0.00 | 46.05 1.69 0.00 | 40.03 1.23 0.00 | 34.92 0.99 0.00 | 29.47 0.69 0.00 | 31.50 0.82 0.00 |
| VALLEY44_115KV_TB2 355964 | 43.78 -1.59 0.00 | 31.35 -1.12 0.00 | 26.32 -0.98 0.00 | 29.39 -0.71 0.00 | 26.22 -0.83 0.00 | 27.25 -0.94 0.00 | 25.85 -0.94 0.00 | 25.75 -0.81 0.00 | 23.00 -0.62 0.00 | 20.96 -0.56 0.00 | 23.01 -0.61 0.00 | 23.18 -0.57 0.00 | 23.57 -0.64 0.00 | 24.27 -0.70 0.00 | 23.29 -0.67 0.00 | 21.27 -0.83 0.00 | 23.09 -0.86 0.00 | 29.46 -0.95 0.00 | 38.89 -1.45 0.00 | 43.03 -1.33 0.00 | 37.75 -1.05 0.00 | 32.85 -1.08 0.00 | 28.02 -0.77 0.00 | 29.84 -0.85 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 45.38 0.02 0.00 | 32.66 0.20 0.00 | 27.47 0.17 0.00 | 30.23 0.13 0.00 | 27.12 0.07 0.00 | 28.28 0.09 0.00 | 26.90 0.10 0.00 | 26.55 -0.01 0.00 | 23.41 -0.21 0.00 | 21.24 -0.28 0.00 | 23.27 -0.35 0.00 | 23.42 -0.33 0.00 | 23.87 -0.34 0.00 | 24.66 -0.31 0.00 | 23.64 -0.32 0.00 | 21.85 -0.26 0.00 | 23.68 -0.27 0.00 | 30.17 -0.24 0.00 | 40.30 -0.05 0.00 | 44.48 0.12 0.00 | 39.28 0.48 0.00 | 34.44 0.51 0.00 | 29.24 0.45 0.00 | 30.99 0.30 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 46.45 1.08 0.00 | 32.89 0.75 0.33 | 27.40 0.56 0.47 | 30.74 0.64 0.00 | 27.61 0.56 0.00 | 28.80 0.61 0.00 | 27.39 0.60 0.00 | 27.19 0.63 0.00 | 24.07 0.62 0.18 | 21.83 0.60 0.30 | 24.11 0.71 0.21 | 24.52 0.76 0.00 | 24.99 0.79 0.00 | 25.76 0.79 0.00 | 24.75 0.79 0.00 | 22.87 0.76 0.00 | 24.81 0.86 0.00 | 31.54 1.13 0.00 | 41.88 1.54 0.00 | 45.97 1.61 0.00 | 40.31 1.51 0.00 | 35.19 1.26 0.00 | 29.80 1.01 0.00 | 31.61 0.93 0.00 |
| VISCHER___FERRY HYD 24020 | 46.41 1.04 0.00 | 33.82 0.99 -0.37 | 28.62 0.79 -0.52 | 30.92 0.81 0.00 | 27.74 0.70 0.00 | 28.89 0.69 0.00 | 27.49 0.70 0.00 | 27.27 0.71 0.00 | 24.37 0.55 -0.20 | 22.33 0.47 -0.33 | 24.30 0.44 -0.24 | 24.16 0.40 0.00 | 24.67 0.46 0.00 | 25.44 0.48 0.00 | 24.42 0.46 0.00 | 22.51 0.40 0.00 | 24.46 0.51 0.00 | 31.03 0.62 0.00 | 41.19 0.85 0.00 | 45.26 0.90 0.00 | 39.97 1.17 0.00 | 35.07 1.14 0.00 | 29.74 0.96 0.00 | 31.52 0.83 0.00 |
| V_A_10_SYNC_DSASP 323832 | 43.41 -1.95 0.00 | 31.13 -1.34 0.00 | 26.12 -1.19 0.00 | 29.16 -0.94 0.00 | 26.01 -1.04 0.00 | 26.97 -1.22 0.00 | 25.42 -1.37 0.00 | 25.35 -1.21 0.00 | 22.66 -0.96 0.00 | 20.67 -0.86 0.00 | 22.79 -0.82 0.00 | 22.93 -0.83 0.00 | 23.34 -0.87 0.00 | 24.00 -0.96 0.00 | 23.00 -0.97 0.00 | 20.99 -1.11 0.00 | 22.87 -1.09 0.00 | 29.26 -1.14 0.00 | 38.59 -1.75 0.00 | 42.66 -1.70 0.00 | 37.36 -1.44 0.00 | 32.48 -1.45 0.00 | 27.71 -1.08 0.00 | 29.50 -1.19 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 46.30 0.94 0.00 | 32.98 0.51 0.00 | 27.66 0.36 0.00 | 30.51 0.41 0.00 | 27.47 0.42 0.00 | 28.64 0.44 0.00 | 27.12 0.33 0.00 | 26.86 0.30 0.00 | 23.89 0.26 0.00 | 21.76 0.23 0.00 | 23.87 0.26 0.00 | 24.00 0.24 0.00 | 24.41 0.20 0.00 | 25.12 0.15 0.00 | 24.07 0.10 0.00 | 22.21 0.10 0.00 | 24.06 0.11 0.00 | 30.70 0.29 0.00 | 40.87 0.53 0.00 | 45.08 0.72 0.00 | 39.16 0.36 0.00 | 34.24 0.31 0.00 | 28.97 0.18 0.00 | 31.00 0.31 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 47.05 1.69 0.00 | 33.51 1.04 0.00 | 28.05 0.74 0.00 | 30.90 0.80 0.00 | 27.81 0.76 0.00 | 28.93 0.74 0.00 | 27.45 0.66 0.00 | 27.20 0.65 0.00 | 24.18 0.57 0.00 | 21.97 0.44 0.00 | 24.04 0.43 0.00 | 24.13 0.38 0.00 | 24.52 0.31 0.00 | 25.23 0.26 0.00 | 24.19 0.23 0.00 | 22.38 0.28 0.00 | 24.14 0.19 0.00 | 30.86 0.45 0.00 | 41.35 1.01 0.00 | 45.68 1.32 0.00 | 39.69 0.89 0.00 | 34.51 0.58 0.00 | 29.08 0.31 0.00 | 30.95 0.26 0.00 |
| V_D_10_SYNC_DSASP 323841 | 46.72 1.36 0.00 | 33.29 0.82 0.00 | 27.84 0.54 0.00 | 30.68 0.58 0.00 | 27.64 0.59 0.00 | 28.91 0.72 0.00 | 27.38 0.58 0.00 | 27.10 0.55 0.00 | 24.08 0.46 0.00 | 21.92 0.40 0.00 | 24.05 0.43 0.00 | 24.19 0.43 0.00 | 24.59 0.38 0.00 | 25.30 0.33 0.00 | 24.24 0.28 0.00 | 22.37 0.26 0.00 | 24.24 0.29 0.00 | 30.94 0.54 0.00 | 41.23 0.89 0.00 | 45.54 1.18 0.00 | 39.57 0.77 0.00 | 34.58 0.65 0.00 | 29.25 0.47 0.00 | 31.30 0.61 0.00 |
| V_E_10_SYNC_DSASP 323830 | 47.57 2.20 0.00 | 33.87 1.41 0.00 | 28.36 1.06 0.00 | 31.37 1.27 0.00 | 28.25 1.21 0.00 | 29.62 1.43 0.00 | 28.11 1.31 0.00 | 27.79 1.23 0.00 | 24.54 0.92 0.00 | 22.23 0.70 0.00 | 24.35 0.73 0.00 | 24.50 0.75 0.00 | 24.97 0.76 0.00 | 25.74 0.78 0.00 | 24.76 0.80 0.00 | 22.93 0.82 0.00 | 24.98 1.03 0.00 | 32.05 1.64 0.00 | 42.86 2.52 0.00 | 47.47 3.12 0.00 | 41.66 2.86 0.00 | 36.33 2.40 0.00 | 30.72 1.94 0.00 | 32.55 1.87 0.00 |

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| V_F_30_NSYNC___DSASP 323816 | 46.98 1.61 0.00 | 34.17 1.37 -0.34 | 28.88 1.10 -0.48 | 31.26 1.16 0.00 | 28.07 1.02 0.00 | 29.24 1.05 0.00 | 27.81 1.02 0.00 | 27.53 0.97 0.00 | 24.55 0.74 -0.18 | 22.44 0.61 -0.30 | 24.40 0.57 -0.22 | 24.27 0.51 0.00 | 24.77 0.56 0.00 | 25.55 0.58 0.00 | 24.54 0.58 0.00 | 22.68 0.58 0.00 | 24.68 0.73 0.00 | 31.43 1.03 0.00 | 41.87 1.54 0.00 | 46.08 1.72 0.00 | 40.63 1.83 0.00 | 35.59 1.67 0.00 | 30.16 1.38 0.00 | 31.98 1.30 0.00 |
| V_F_30_SYNC_DSASP 323786 | 46.05 0.69 0.00 | 33.49 0.66 -0.36 | 28.36 0.54 -0.51 | 30.64 0.55 0.00 | 27.42 0.37 0.00 | 28.56 0.36 0.00 | 27.18 0.39 0.00 | 26.97 0.41 0.00 | 24.13 0.32 -0.19 | 22.13 0.28 -0.32 | 24.12 0.27 -0.23 | 24.02 0.26 0.00 | 24.53 0.32 0.00 | 25.31 0.34 0.00 | 24.28 0.32 0.00 | 22.35 0.24 0.00 | 24.28 0.33 0.00 | 30.77 0.36 0.00 | 40.78 0.44 0.00 | 44.76 0.41 0.00 | 39.48 0.68 0.00 | 34.60 0.67 0.00 | 29.35 0.57 0.00 | 31.09 0.41 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 47.05 1.69 0.00 | 33.51 1.04 0.00 | 28.05 0.74 0.00 | 30.90 0.80 0.00 | 27.81 0.76 0.00 | 28.93 0.74 0.00 | 27.45 0.66 0.00 | 27.20 0.65 0.00 | 24.18 0.57 0.00 | 21.97 0.44 0.00 | 24.04 0.43 0.00 | 24.13 0.38 0.00 | 24.52 0.31 0.00 | 25.23 0.26 0.00 | 24.19 0.23 0.00 | 22.38 0.28 0.00 | 24.14 0.19 0.00 | 30.86 0.45 0.00 | 41.35 1.01 0.00 | 45.68 1.32 0.00 | 39.69 0.89 0.00 | 34.51 0.58 0.00 | 29.08 0.31 0.00 | 30.95 0.26 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 48.29 2.92 0.00 | 36.66 2.00 -2.20 | 31.82 1.37 -3.15 | 31.51 1.42 0.00 | 28.33 1.28 0.00 | 29.50 1.30 0.00 | 28.39 1.59 0.00 | 28.30 1.74 0.00 | 26.52 1.71 -1.19 | 25.08 1.58 -1.98 | 35.45 2.03 -9.80 | 26.66 2.13 -0.77 | 26.40 2.19 0.00 | 27.17 2.21 0.00 | 26.05 2.09 0.00 | 24.08 1.98 0.00 | 25.81 1.86 0.00 | 32.30 1.89 0.00 | 42.82 2.48 0.00 | 46.28 1.93 0.00 | 41.12 2.32 0.00 | 35.88 1.95 0.00 | 30.47 1.69 0.00 | 32.29 1.61 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 46.79 1.43 0.00 | 30.53 1.07 3.00 | 23.79 0.78 4.29 | 30.90 0.80 0.00 | 27.74 0.70 0.00 | 28.88 0.69 0.00 | 27.60 0.81 0.00 | 27.48 0.93 0.00 | 22.96 0.96 1.62 | 19.77 0.94 2.70 | 22.79 1.14 1.97 | 25.06 1.31 0.00 | 25.64 1.44 0.00 | 26.47 1.50 0.00 | 25.39 1.43 0.00 | 23.47 1.36 0.00 | 25.27 1.32 0.00 | 31.81 1.41 0.00 | 41.91 1.57 0.00 | 45.80 1.44 0.00 | 40.49 1.69 0.00 | 35.44 1.51 0.00 | 30.10 1.32 0.00 | 31.87 1.18 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 47.17 1.81 0.00 | 36.04 1.36 -2.22 | 31.49 1.02 -3.17 | 31.15 1.05 0.00 | 27.98 0.93 0.00 | 29.11 0.92 0.00 | 27.85 1.06 0.00 | 27.76 1.20 0.00 | 26.04 1.23 -1.19 | 24.73 1.21 -1.99 | 26.54 1.48 -1.45 | 25.42 1.66 0.00 | 25.99 1.78 0.00 | 26.81 1.84 0.00 | 25.73 1.77 0.00 | 23.78 1.67 0.00 | 25.56 1.61 0.00 | 32.10 1.69 0.00 | 42.25 1.91 0.00 | 46.12 1.77 0.00 | 40.82 2.03 0.00 | 35.78 1.84 0.00 | 30.43 1.65 0.00 | 32.20 1.51 0.00 |
| W50THST__13_KV_LOAD 356117 | 47.41 2.04 0.00 | 36.18 1.50 -2.22 | 31.62 1.15 -3.17 | 31.29 1.20 0.00 | 28.11 1.06 0.00 | 29.25 1.06 0.00 | 27.99 1.20 0.00 | 27.91 1.35 0.00 | 26.19 1.37 -1.19 | 24.86 1.35 -1.99 | 26.70 1.64 -1.45 | 25.59 1.84 0.00 | 26.18 1.97 0.00 | 27.00 2.04 0.00 | 25.91 1.95 0.00 | 23.95 1.84 0.00 | 25.74 1.79 0.00 | 32.30 1.89 0.00 | 42.50 2.16 0.00 | 46.37 2.01 0.00 | 41.04 2.24 0.00 | 35.97 2.04 0.00 | 30.61 1.83 0.00 | 32.39 1.71 0.00 |
| WADING RIVER_IC_1 23522 | 48.13 2.77 0.00 | 36.52 1.85 -2.20 | 31.53 1.07 -3.15 | 31.19 1.09 0.00 | 28.07 1.03 0.00 | 29.24 1.05 0.00 | 28.48 1.69 0.00 | 28.40 1.84 0.00 | 26.62 1.82 -1.19 | 25.22 1.72 -1.98 | 35.58 2.16 -9.80 | 26.54 2.01 -0.77 | 26.26 2.06 0.00 | 26.91 1.94 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.44 1.49 0.00 | 31.87 1.46 0.00 | 42.19 1.86 0.00 | 45.55 1.20 0.00 | 40.57 1.77 0.00 | 35.25 1.32 0.00 | 29.87 1.09 0.00 | 31.54 0.85 0.00 |
| WADING RIVER_IC_2 23547 | 48.13 2.77 0.00 | 36.52 1.85 -2.20 | 31.53 1.07 -3.15 | 31.19 1.09 0.00 | 28.07 1.03 0.00 | 29.24 1.05 0.00 | 28.48 1.69 0.00 | 28.40 1.84 0.00 | 26.62 1.82 -1.19 | 25.22 1.72 -1.98 | 35.58 2.16 -9.80 | 26.54 2.01 -0.77 | 26.26 2.06 0.00 | 26.91 1.94 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.44 1.49 0.00 | 31.87 1.46 0.00 | 42.19 1.86 0.00 | 45.55 1.20 0.00 | 40.57 1.77 0.00 | 35.25 1.32 0.00 | 29.87 1.09 0.00 | 31.54 0.85 0.00 |
| WADING RIVER_IC_3 23601 | 48.13 2.77 0.00 | 36.52 1.85 -2.20 | 31.53 1.07 -3.15 | 31.19 1.09 0.00 | 28.07 1.03 0.00 | 29.24 1.05 0.00 | 28.48 1.69 0.00 | 28.40 1.84 0.00 | 26.62 1.82 -1.19 | 25.22 1.72 -1.98 | 35.58 2.16 -9.80 | 26.54 2.01 -0.77 | 26.26 2.06 0.00 | 26.91 1.94 0.00 | 25.71 1.75 0.00 | 23.75 1.64 0.00 | 25.44 1.49 0.00 | 31.87 1.46 0.00 | 42.19 1.86 0.00 | 45.55 1.20 0.00 | 40.57 1.77 0.00 | 35.25 1.32 0.00 | 29.87 1.09 0.00 | 31.54 0.85 0.00 |
| WALDENNY_12_KV_BK2 80841 | 43.78 -1.59 0.00 | 31.37 -1.10 0.00 | 26.29 -1.01 0.00 | 29.39 -0.72 0.00 | 26.20 -0.85 0.00 | 27.16 -1.04 0.00 | 25.57 -1.22 0.00 | 25.49 -1.07 0.00 | 22.80 -0.82 0.00 | 20.80 -0.72 0.00 | 22.98 -0.63 0.00 | 23.12 -0.63 0.00 | 23.56 -0.65 0.00 | 24.26 -0.71 0.00 | 23.25 -0.72 0.00 | 21.20 -0.91 0.00 | 23.11 -0.84 0.00 | 29.60 -0.81 0.00 | 39.06 -1.28 0.00 | 43.20 -1.15 0.00 | 37.81 -0.99 0.00 | 32.86 -1.07 0.00 | 28.02 -0.76 0.00 | 29.83 -0.86 0.00 |
| WALDEN___HYDRO 24148 | 46.59 1.23 0.00 | 32.78 0.96 0.64 | 27.10 0.70 0.91 | 30.82 0.72 0.00 | 27.67 0.63 0.00 | 28.81 0.62 0.00 | 27.50 0.71 0.00 | 27.36 0.80 0.00 | 24.09 0.81 0.34 | 21.73 0.78 0.58 | 24.12 0.93 0.42 | 24.80 1.04 0.00 | 25.35 1.14 0.00 | 26.16 1.20 0.00 | 25.10 1.14 0.00 | 23.21 1.11 0.00 | 25.06 1.11 0.00 | 31.64 1.23 0.00 | 41.76 1.42 0.00 | 45.70 1.35 0.00 | 40.38 1.58 0.00 | 35.35 1.42 0.00 | 29.99 1.21 0.00 | 31.74 1.06 0.00 |
| WARRENSBURG____ 23737 | 46.93 1.57 0.00 | 34.21 1.41 -0.33 | 28.87 1.09 -0.48 | 31.22 1.12 0.00 | 28.04 0.99 0.00 | 29.22 1.03 0.00 | 27.79 1.00 0.00 | 27.49 0.94 0.00 | 24.45 0.65 -0.18 | 22.35 0.52 -0.30 | 24.18 0.34 -0.22 | 24.03 0.27 0.00 | 24.50 0.29 0.00 | 25.27 0.30 0.00 | 24.27 0.31 0.00 | 22.46 0.36 0.00 | 24.45 0.50 0.00 | 31.26 0.85 0.00 | 41.94 1.60 0.00 | 46.15 1.79 0.00 | 40.81 2.01 0.00 | 35.72 1.79 0.00 | 30.24 1.45 0.00 | 32.07 1.38 0.00 |
| WATERSIDE___6 8 9 23538 | 47.27 1.91 0.00 | 36.11 1.44 -2.21 | 31.56 1.10 -3.16 | 31.23 1.13 0.00 | 28.08 1.03 0.00 | 29.20 1.00 0.00 | 27.94 1.15 0.00 | 27.84 1.29 0.00 | 26.12 1.31 -1.19 | 24.80 1.29 -1.99 | 26.62 1.56 -1.45 | 25.51 1.75 0.00 | 26.09 1.88 0.00 | 26.90 1.93 0.00 | 25.81 1.86 0.00 | 23.85 1.75 0.00 | 25.63 1.68 0.00 | 32.17 1.76 0.00 | 42.37 2.03 0.00 | 46.22 1.86 0.00 | 40.95 2.15 0.00 | 35.88 1.95 0.00 | 30.53 1.75 0.00 | 32.30 1.61 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 45.33 -0.03 0.00 | 32.58 0.11 0.00 | 27.39 0.09 0.00 | 30.17 0.06 0.00 | 27.07 0.03 0.00 | 28.22 0.02 0.00 | 26.84 0.05 0.00 | 26.53 -0.02 0.00 | 23.45 -0.17 0.00 | 21.31 -0.21 0.00 | 23.35 -0.27 0.00 | 23.51 -0.25 0.00 | 23.96 -0.25 0.00 | 24.73 -0.24 0.00 | 23.72 -0.24 0.00 | 21.91 -0.20 0.00 | 23.76 -0.19 0.00 | 30.22 -0.19 0.00 | 40.26 -0.07 0.00 | 44.39 0.03 0.00 | 39.11 0.31 0.00 | 34.28 0.34 0.00 | 29.08 0.29 0.00 | 30.85 0.16 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 45.83 0.47 0.00 | 32.33 0.38 0.52 | 26.79 0.22 0.74 | 30.28 0.18 0.00 | 27.20 0.15 0.00 | 28.32 0.13 0.00 | 27.01 0.22 0.00 | 26.85 0.30 0.00 | 23.69 0.34 0.28 | 21.38 0.33 0.47 | 23.68 0.41 0.34 | 24.24 0.48 0.00 | 24.77 0.56 0.00 | 25.45 0.49 0.00 | 23.91 -0.05 0.00 | 22.14 0.03 0.00 | 23.95 0.00 0.00 | 30.33 -0.08 0.00 | 40.16 -0.18 0.00 | 44.10 -0.26 0.00 | 39.84 1.04 0.00 | 34.84 0.91 0.00 | 29.52 0.74 0.00 | 31.22 0.53 0.00 |
| WEST BABYLON___IC 23714 | 48.29 2.92 0.00 | 36.66 2.00 -2.20 | 31.82 1.37 -3.15 | 31.51 1.42 0.00 | 28.33 1.28 0.00 | 29.50 1.30 0.00 | 28.39 1.59 0.00 | 28.30 1.74 0.00 | 26.52 1.71 -1.19 | 25.08 1.58 -1.98 | 35.45 2.03 -9.80 | 26.66 2.13 -0.77 | 26.40 2.19 0.00 | 27.17 2.21 0.00 | 26.05 2.09 0.00 | 24.08 1.98 0.00 | 25.81 1.86 0.00 | 32.30 1.89 0.00 | 42.82 2.48 0.00 | 46.28 1.93 0.00 | 41.12 2.32 0.00 | 35.88 1.95 0.00 | 30.47 1.69 0.00 | 32.29 1.61 0.00 |
| WEST CANADA___HYD 24049 | 45.33 -0.03 0.00 | 32.50 0.03 0.00 | 27.33 0.03 0.00 | 30.13 0.03 0.00 | 27.05 0.00 0.00 | 28.19 0.00 0.00 | 26.82 0.03 0.00 | 26.57 0.01 0.00 | 23.62 0.00 0.00 | 21.52 0.00 0.00 | 23.60 -0.02 0.00 | 23.74 -0.02 0.00 | 24.21 0.00 0.00 | 24.96 0.00 0.00 | 23.96 0.00 0.00 | 22.11 0.00 0.00 | 23.95 0.00 0.00 | 30.39 -0.02 0.00 | 40.32 -0.02 0.00 | 44.33 -0.03 0.00 | 38.87 0.08 0.00 | 33.99 0.07 0.00 | 28.84 0.05 0.00 | 30.69 0.00 0.00 |
| WESTERN_NY_WIND 24143 | 44.53 -0.83 0.00 | 31.88 -0.58 0.00 | 26.71 -0.59 0.00 | 29.79 -0.31 0.00 | 26.58 -0.46 0.00 | 27.58 -0.61 0.00 | 25.99 -0.80 0.00 | 25.85 -0.70 0.00 | 23.00 -0.62 0.00 | 20.90 -0.62 0.00 | 23.02 -0.60 0.00 | 23.11 -0.65 0.00 | 23.55 -0.65 0.00 | 24.23 -0.74 0.00 | 23.24 -0.72 0.00 | 21.25 -0.85 0.00 | 23.23 -0.72 0.00 | 29.84 -0.57 0.00 | 39.60 -0.74 0.00 | 44.06 -0.30 0.00 | 38.66 -0.14 0.00 | 33.59 -0.34 0.00 | 28.58 -0.20 0.00 | 30.39 -0.30 0.00 |
| WESTOVER___LESR 323668 | 44.84 -0.52 0.00 | 32.11 -0.36 0.00 | 26.98 -0.32 0.00 | 29.82 -0.28 0.00 | 26.76 -0.28 0.00 | 27.88 -0.31 0.00 | 26.52 -0.27 0.00 | 26.28 -0.27 0.00 | 23.40 -0.23 0.00 | 21.30 -0.22 0.00 | 23.42 -0.20 0.00 | 23.60 -0.15 0.00 | 24.06 -0.15 0.00 | 24.81 -0.16 0.00 | 23.84 -0.12 0.00 | 21.98 -0.13 0.00 | 23.81 -0.13 0.00 | 30.24 -0.16 0.00 | 40.13 -0.21 0.00 | 44.21 -0.15 0.00 | 38.78 -0.02 0.00 | 33.83 -0.09 0.00 | 28.69 -0.09 0.00 | 30.49 -0.20 0.00 |
| WETHRSFD_WT_PWR 323626 | 43.84 -1.52 0.00 | 31.44 -1.03 0.00 | 26.35 -0.95 0.00 | 29.37 -0.74 0.00 | 26.24 -0.81 0.00 | 27.26 -0.94 0.00 | 25.76 -1.03 0.00 | 25.53 -1.02 0.00 | 22.68 -0.94 0.00 | 20.59 -0.94 0.00 | 22.68 -0.93 0.00 | 22.81 -0.95 0.00 | 23.25 -0.96 0.00 | 23.98 -0.99 0.00 | 22.96 -1.00 0.00 | 21.00 -1.11 0.00 | 22.87 -1.09 0.00 | 29.23 -1.18 0.00 | 38.79 -1.55 0.00 | 43.13 -1.22 0.00 | 37.88 -0.92 0.00 | 32.96 -0.97 0.00 | 28.08 -0.70 0.00 | 29.88 -0.80 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 46.55 1.18 0.00 | 30.31 0.90 3.05 | 23.58 0.64 4.36 | 30.76 0.66 0.00 | 27.61 0.57 0.00 | 28.76 0.56 0.00 | 27.48 0.68 0.00 | 27.35 0.79 0.00 | 22.82 0.84 1.64 | 19.61 0.83 2.74 | 22.64 1.02 2.00 | 24.93 1.18 0.00 | 25.51 1.30 0.00 | 26.32 1.35 0.00 | 25.24 1.28 0.00 | 23.32 1.21 0.00 | 25.09 1.14 0.00 | 31.58 1.17 0.00 | 41.61 1.27 0.00 | 45.47 1.11 0.00 | 40.21 1.41 0.00 | 35.21 1.29 0.00 | 29.93 1.14 0.00 | 31.69 1.00 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 46.55 1.18 0.00 | 30.31 0.90 3.05 | 23.58 0.64 4.36 | 30.76 0.66 0.00 | 27.61 0.57 0.00 | 28.76 0.56 0.00 | 27.48 0.68 0.00 | 27.35 0.79 0.00 | 22.82 0.84 1.64 | 19.61 0.83 2.74 | 22.64 1.02 2.00 | 24.93 1.18 0.00 | 25.51 1.30 0.00 | 26.32 1.35 0.00 | 25.24 1.28 0.00 | 23.32 1.21 0.00 | 25.09 1.14 0.00 | 31.58 1.17 0.00 | 41.61 1.27 0.00 | 45.47 1.11 0.00 | 40.21 1.41 0.00 | 35.21 1.29 0.00 | 29.93 1.14 0.00 | 31.69 1.00 0.00 |
| WHITEHAL_115KV_TB1 80871 | 48.12 2.76 0.00 | 35.28 2.48 -0.34 | 29.58 1.79 -0.48 | 31.99 1.89 0.00 | 28.77 1.73 0.00 | 29.94 1.75 0.00 | 28.46 1.67 0.00 | 28.09 1.53 0.00 | 24.82 1.02 -0.18 | 22.67 0.84 -0.30 | 24.65 0.82 -0.22 | 24.44 0.68 0.00 | 24.97 0.75 0.00 | 25.75 0.78 0.00 | 24.69 0.73 0.00 | 22.89 0.79 0.00 | 25.00 1.05 0.00 | 32.05 1.64 0.00 | 42.78 2.44 0.00 | 47.12 2.76 0.00 | 41.89 3.09 0.00 | 36.74 2.81 0.00 | 31.09 2.31 0.00 | 33.04 2.36 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 47.29 1.93 0.00 | 36.19 1.43 -2.30 | 31.67 1.09 -3.28 | 31.23 1.13 0.00 | 28.04 0.99 0.00 | 29.18 0.99 0.00 | 27.89 1.10 0.00 | 27.78 1.22 0.00 | 26.10 1.24 -1.24 | 24.79 1.21 -2.06 | 26.57 1.46 -1.50 | 25.37 1.61 0.00 | 25.95 1.74 0.00 | 26.78 1.81 0.00 | 25.70 1.74 0.00 | 23.75 1.64 0.00 | 25.58 1.63 0.00 | 32.19 1.78 0.00 | 42.42 2.08 0.00 | 46.34 1.98 0.00 | 40.98 2.18 0.00 | 35.88 1.95 0.00 | 30.46 1.68 0.00 | 32.22 1.54 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 48.18 2.82 0.00 | 36.57 1.90 -2.20 | 31.64 1.18 -3.15 | 31.31 1.21 0.00 | 28.17 1.13 0.00 | 29.34 1.15 0.00 | 28.47 1.67 0.00 | 28.37 1.82 0.00 | 26.59 1.79 -1.19 | 25.17 1.67 -1.98 | 35.53 2.11 -9.80 | 26.57 2.05 -0.77 | 26.31 2.10 0.00 | 27.02 2.05 0.00 | 25.85 1.89 0.00 | 23.90 1.79 0.00 | 25.60 1.65 0.00 | 32.07 1.67 0.00 | 42.49 2.15 0.00 | 45.89 1.54 0.00 | 40.83 2.04 0.00 | 35.51 1.58 0.00 | 30.08 1.30 0.00 | 31.79 1.10 0.00 |
| WOODARD___115KV_TB2 355635 | 44.34 -1.02 0.00 | 31.79 -0.68 0.00 | 26.76 -0.55 0.00 | 29.54 -0.57 0.00 | 26.50 -0.55 0.00 | 27.61 -0.58 0.00 | 26.25 -0.54 0.00 | 26.01 -0.54 0.00 | 23.13 -0.50 0.00 | 21.06 -0.46 0.00 | 23.12 -0.49 0.00 | 23.26 -0.50 0.00 | 23.67 -0.53 0.00 | 24.40 -0.57 0.00 | 23.44 -0.52 0.00 | 21.62 -0.48 0.00 | 23.46 -0.49 0.00 | 29.84 -0.57 0.00 | 39.63 -0.71 0.00 | 43.61 -0.75 0.00 | 38.24 -0.56 0.00 | 33.37 -0.56 0.00 | 28.29 -0.49 0.00 | 30.07 -0.61 0.00 |
| WOODMERE_69_KV_BK1 55827 | 47.89 2.53 0.00 | 36.44 1.78 -2.20 | 31.72 1.27 -3.15 | 31.42 1.33 0.00 | 28.23 1.19 0.00 | 29.38 1.19 0.00 | 28.19 1.39 0.00 | 28.10 1.55 0.00 | 26.32 1.51 -1.19 | 24.95 1.45 -1.98 | 35.29 1.88 -9.80 | 26.61 2.08 -0.77 | 26.37 2.16 0.00 | 27.15 2.19 0.00 | 26.05 2.09 0.00 | 24.06 1.95 0.00 | 25.82 1.87 0.00 | 32.43 2.03 0.00 | 43.02 2.68 0.00 | 46.53 2.17 0.00 | 41.25 2.45 0.00 | 36.04 2.11 0.00 | 30.54 1.76 0.00 | 32.38 1.70 0.00 |
| YORK___WARBASSE 23770 | 47.39 2.03 0.00 | 36.19 1.52 -2.21 | 31.62 1.15 -3.16 | 31.30 1.21 0.00 | 28.11 1.06 0.00 | 29.24 1.05 0.00 | 27.98 1.19 0.00 | 27.87 1.31 0.00 | 26.16 1.35 -1.19 | 24.84 1.33 -1.99 | 26.66 1.60 -1.45 | 25.57 1.81 0.00 | 26.16 1.95 0.00 | 26.98 2.01 0.00 | 25.89 1.93 0.00 | 23.92 1.81 0.00 | 25.71 1.76 0.00 | 32.33 1.92 0.00 | 42.59 2.25 0.00 | 46.42 2.06 0.00 | 41.12 2.33 0.00 | 36.02 2.09 0.00 | 30.63 1.85 0.00 | 32.42 1.74 0.00 |