

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/29/2023

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 23.84 | 21.03 | 20.33 | 19.40 | 18.66 | 25.16 | 25.04 | 26.87 | 31.17 | 26.78 | 38.62 | 30.55 | 33.32 | 31.53 | 40.77 | 44.95 | 43.29 | 43.17 | 45.34 | 39.75 | 42.87 | 32.46 | 27.91 | 28.58 |
| 24138 | 1.38 | 1.09 | 1.00 | 1.01 | 0.94 | 1.17 | 1.55 | 1.90 | 2.23 | 2.01 | 2.20 | 2.36 | 2.67 | 2.63 | 3.43 | 3.91 | 3.54 | 3.46 | 3.46 | 2.95 | 3.07 | 2.36 | 2.13 | 2.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -10.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | -0.66 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 23.91 | 21.08 | 20.40 | 19.46 | 18.72 | 25.21 | 25.08 | 26.89 | 31.19 | 26.79 | 38.60 | 30.53 | 33.31 | 31.52 | 40.77 | 44.95 | 43.30 | 43.21 | 45.42 | 39.84 | 42.98 | 32.54 | 27.98 | 28.65 |
| 24260 | 1.45 | 1.14 | 1.07 | 1.06 | 1.00 | 1.23 | 1.60 | 1.92 | 2.24 | 2.02 | 2.19 | 2.35 | 2.67 | 2.63 | 3.43 | 3.91 | 3.55 | 3.50 | 3.54 | 3.03 | 3.18 | 2.44 | 2.20 | 2.06 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -10.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | -0.66 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 23.91 | 21.08 | 20.40 | 19.46 | 18.72 | 25.21 | 25.08 | 26.89 | 31.19 | 26.79 | 38.60 | 30.53 | 33.31 | 31.52 | 40.77 | 44.95 | 43.30 | 43.21 | 45.42 | 39.84 | 42.98 | 32.54 | 27.98 | 28.65 |
| 24261 | 1.45 | 1.14 | 1.07 | 1.06 | 1.00 | 1.23 | 1.60 | 1.92 | 2.24 | 2.02 | 2.19 | 2.35 | 2.67 | 2.63 | 3.43 | 3.91 | 3.55 | 3.50 | 3.54 | 3.03 | 3.18 | 2.44 | 2.20 | 2.06 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -10.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | -0.66 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 23.57 | 20.86 | 20.17 | 19.19 | 18.48 | 24.95 | 24.66 | 26.23 | 30.25 | 25.80 | 29.23 | 29.23 | 31.82 | 30.13 | 39.10 | 43.36 | 42.34 | 42.25 | 44.77 | 39.38 | 42.49 | 32.18 | 27.29 | 28.11 |
| 24011 | 1.11 | 0.92 | 0.84 | 0.80 | 0.76 | 0.96 | 1.18 | 1.26 | 1.30 | 1.03 | 0.96 | 1.05 | 1.18 | 1.24 | 1.76 | 2.32 | 2.58 | 2.54 | 2.90 | 2.58 | 2.62 | 1.88 | 1.50 | 1.52 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.33 | -0.86 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 23.75 | 21.00 | 20.28 | 19.30 | 18.59 | 25.11 | 24.86 | 26.41 | 30.40 | 25.95 | 29.36 | 29.38 | 31.99 | 30.30 | 39.37 | 43.80 | 42.84 | 42.69 | 45.29 | 39.81 | 42.88 | 32.46 | 27.49 | 28.40 |
| 23798 | 1.29 | 1.06 | 0.95 | 0.91 | 0.87 | 1.12 | 1.38 | 1.44 | 1.46 | 1.18 | 1.10 | 1.20 | 1.35 | 1.40 | 2.04 | 2.76 | 3.08 | 2.98 | 3.42 | 3.00 | 3.01 | 2.16 | 1.70 | 1.81 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.33 | -0.86 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 23.57 | 20.86 | 20.17 | 19.19 | 18.48 | 24.95 | 24.66 | 26.23 | 30.25 | 25.80 | 29.23 | 29.23 | 31.82 | 30.13 | 39.10 | 43.36 | 42.34 | 42.25 | 44.77 | 39.38 | 42.49 | 32.18 | 27.29 | 28.11 |
| 24028 | 1.11 | 0.92 | 0.84 | 0.80 | 0.76 | 0.96 | 1.18 | 1.26 | 1.30 | 1.03 | 0.96 | 1.05 | 1.18 | 1.24 | 1.76 | 2.32 | 2.58 | 2.54 | 2.90 | 2.58 | 2.62 | 1.88 | 1.50 | 1.52 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.33 | -0.86 | 0.00 | 0.00 |
| ADK_NYS___DAM | 23.61 | 21.14 | 20.54 | 19.56 | 18.82 | 25.32 | 24.92 | 26.26 | 30.23 | 25.86 | 29.59 | 29.28 | 31.84 | 30.08 | 38.92 | 42.68 | 41.49 | 41.58 | 44.09 | 39.02 | 42.16 | 31.92 | 27.19 | 27.95 |
| 23527 | 1.15 | 1.20 | 1.21 | 1.17 | 1.10 | 1.33 | 1.44 | 1.29 | 1.28 | 1.09 | 1.01 | 1.10 | 1.20 | 1.17 | 1.58 | 1.64 | 1.73 | 1.86 | 2.21 | 2.22 | 2.30 | 1.64 | 1.41 | 1.37 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.31 | -0.84 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 22.80 | 20.27 | 19.66 | 18.73 | 18.03 | 24.27 | 23.94 | 25.44 | 29.40 | 25.19 | 28.70 | 28.62 | 31.17 | 29.47 | 38.13 | 41.97 | 40.69 | 40.68 | 42.96 | 37.85 | 40.92 | 31.03 | 26.40 | 27.08 |
| 24190 | 0.34 | 0.33 | 0.33 | 0.34 | 0.32 | 0.28 | 0.46 | 0.47 | 0.46 | 0.42 | 0.39 | 0.43 | 0.52 | 0.58 | 0.79 | 0.93 | 0.93 | 0.97 | 1.08 | 1.05 | 1.05 | 0.75 | 0.62 | 0.50 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 | -0.84 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 22.27 | 19.76 | 19.11 | 18.18 | 17.51 | 23.79 | 23.18 | 24.64 | 28.59 | 24.44 | 25.47 | 27.79 | 30.19 | 28.44 | 36.81 | 40.43 | 39.32 | 39.09 | 41.22 | 36.23 | 38.98 | 29.07 | 25.38 | 26.14 |
| 355683 | -0.19 | -0.18 | -0.22 | -0.21 | -0.20 | -0.20 | -0.30 | -0.33 | -0.36 | -0.33 | -0.36 | -0.39 | -0.45 | -0.45 | -0.53 | -0.61 | -0.44 | -0.62 | -0.66 | -0.58 | -0.57 | -0.37 | -0.40 | -0.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 22.80 | 20.27 | 19.66 | 18.73 | 18.03 | 24.27 | 23.94 | 25.44 | 29.40 | 25.19 | 28.70 | 28.62 | 31.17 | 29.47 | 38.13 | 41.97 | 40.69 | 40.68 | 42.96 | 37.85 | 40.92 | 31.03 | 26.40 | 27.08 |
| 23571 | 0.34 | 0.33 | 0.33 | 0.34 | 0.32 | 0.28 | 0.46 | 0.47 | 0.46 | 0.42 | 0.39 | 0.43 | 0.52 | 0.58 | 0.79 | 0.93 | 0.93 | 0.97 | 1.08 | 1.05 | 1.05 | 0.75 | 0.62 | 0.50 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 | -0.84 | 0.00 | 0.00 |
| ALBANY___2 | 22.80 | 20.27 | 19.66 | 18.73 | 18.03 | 24.27 | 23.94 | 25.44 | 29.40 | 25.19 | 28.70 | 28.62 | 31.17 | 29.47 | 38.13 | 41.97 | 40.69 | 40.68 | 42.96 | 37.85 | 40.92 | 31.03 | 26.40 | 27.08 |
| 23572 | 0.34 | 0.33 | 0.33 | 0.34 | 0.32 | 0.28 | 0.46 | 0.47 | 0.46 | 0.42 | 0.39 | 0.43 | 0.52 | 0.58 | 0.79 | 0.93 | 0.93 | 0.97 | 1.08 | 1.05 | 1.05 | 0.75 | 0.62 | 0.50 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 | -0.84 | 0.00 | 0.00 |
| ALBANY___3 | 22.80 | 20.27 | 19.66 | 18.73 | 18.03 | 24.27 | 23.94 | 25.44 | 29.40 | 25.19 | 28.70 | 28.62 | 31.17 | 29.47 | 38.13 | 41.97 | 40.69 | 40.68 | 42.96 | 37.85 | 40.92 | 31.03 | 26.40 | 27.08 |
| 23573 | 0.34 | 0.33 | 0.33 | 0.34 | 0.32 | 0.28 | 0.46 | 0.47 | 0.46 | 0.42 | 0.39 | 0.43 | 0.52 | 0.58 | 0.79 | 0.93 | 0.93 | 0.97 | 1.08 | 1.05 | 1.05 | 0.75 | 0.62 | 0.50 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 | -0.84 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 22.80 0.34 0.00 | 20.27 0.33 0.00 | 19.66 0.33 0.00 | 18.73 0.34 0.00 | 18.03 0.32 0.00 | 24.27 0.28 0.00 | 23.94 0.46 0.00 | 25.44 0.47 0.00 | 29.40 0.46 0.00 | 25.19 0.42 0.00 | 28.70 0.39 -2.48 | 28.62 0.43 0.00 | 31.17 0.52 0.00 | 29.47 0.58 0.00 | 38.13 0.79 0.00 | 41.97 0.93 0.00 | 40.69 0.93 0.00 | 40.68 0.97 0.00 | 42.96 1.08 0.00 | 37.85 1.05 0.00 | 40.92 1.05 -0.32 | 31.03 0.75 -0.84 | 26.40 0.62 0.00 | 27.08 0.50 0.00 |
| ALBANY___LFGE 323615 | 23.03 0.57 0.00 | 20.49 0.55 0.00 | 19.86 0.53 0.00 | 18.92 0.53 0.00 | 18.22 0.50 0.00 | 24.51 0.53 0.00 | 24.19 0.71 0.00 | 25.71 0.74 0.00 | 29.72 0.78 0.00 | 25.47 0.70 0.00 | 29.00 0.69 -2.49 | 28.94 0.76 0.00 | 31.54 0.90 0.00 | 29.83 0.93 0.00 | 38.60 1.26 0.00 | 42.49 1.45 0.00 | 41.21 1.46 0.00 | 41.19 1.48 0.00 | 43.48 1.61 0.00 | 38.30 1.49 0.00 | 41.39 1.53 -0.32 | 31.37 1.09 -0.84 | 26.68 0.89 0.00 | 27.38 0.79 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 22.30 -0.16 0.00 | 19.79 -0.15 0.00 | 19.15 -0.18 0.00 | 18.21 -0.18 0.00 | 17.56 -0.16 0.00 | 23.82 -0.17 0.00 | 23.23 -0.26 0.00 | 24.69 -0.28 0.00 | 28.64 -0.30 0.00 | 24.48 -0.29 0.00 | 25.53 -0.30 0.00 | 27.86 -0.33 0.00 | 30.25 -0.39 0.00 | 28.51 -0.38 0.00 | 36.90 -0.44 0.00 | 40.51 -0.53 0.00 | 39.41 -0.35 0.00 | 39.14 -0.57 0.00 | 41.29 -0.59 0.00 | 36.30 -0.50 0.00 | 39.07 -0.48 0.00 | 29.13 -0.31 0.00 | 25.42 -0.36 0.00 | 26.17 -0.41 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 22.30 -0.16 0.00 | 19.79 -0.15 0.00 | 19.15 -0.18 0.00 | 18.21 -0.18 0.00 | 17.56 -0.16 0.00 | 23.82 -0.17 0.00 | 23.23 -0.26 0.00 | 24.69 -0.28 0.00 | 28.64 -0.30 0.00 | 24.48 -0.29 0.00 | 25.53 -0.30 0.00 | 27.86 -0.33 0.00 | 30.25 -0.39 0.00 | 28.51 -0.38 0.00 | 36.90 -0.44 0.00 | 40.51 -0.53 0.00 | 39.41 -0.35 0.00 | 39.14 -0.57 0.00 | 41.29 -0.59 0.00 | 36.30 -0.50 0.00 | 39.07 -0.48 0.00 | 29.13 -0.31 0.00 | 25.42 -0.36 0.00 | 26.17 -0.41 0.00 |
| ALCOA___DSASP 323711 | 22.30 -0.16 0.00 | 19.79 -0.15 0.00 | 19.15 -0.18 0.00 | 18.21 -0.18 0.00 | 17.56 -0.16 0.00 | 23.82 -0.17 0.00 | 23.23 -0.26 0.00 | 24.69 -0.28 0.00 | 28.64 -0.30 0.00 | 24.48 -0.29 0.00 | 25.53 -0.30 0.00 | 27.86 -0.32 0.00 | 30.25 -0.39 0.00 | 28.51 -0.39 0.00 | 36.90 -0.44 0.00 | 40.51 -0.53 0.00 | 39.40 -0.36 0.00 | 39.14 -0.57 0.00 | 41.28 -0.59 0.00 | 36.30 -0.50 0.00 | 39.07 -0.48 0.00 | 29.13 -0.31 0.00 | 25.43 -0.36 0.00 | 26.17 -0.41 0.00 |
| ALLEGHENY___COGEN 23514 | 23.12 0.66 0.00 | 20.60 0.66 0.00 | 20.05 0.73 0.00 | 19.01 0.61 0.00 | 18.31 0.60 0.00 | 25.14 1.15 0.00 | 24.47 0.98 0.00 | 25.57 0.60 0.00 | 28.56 -0.38 0.00 | 24.16 -0.61 0.00 | 24.52 -1.31 0.00 | 26.57 -1.61 0.00 | 28.39 -2.26 0.00 | 28.14 -0.76 0.00 | 36.45 -0.89 0.00 | 39.95 -1.09 0.00 | 38.42 -1.34 0.00 | 39.03 -0.68 0.00 | 41.53 -0.34 0.00 | 36.94 0.14 0.00 | 40.68 1.10 -0.04 | 30.40 0.85 -0.11 | 26.89 1.11 0.00 | 28.04 1.45 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 23.10 0.64 0.00 | 20.52 0.58 0.00 | 19.91 0.58 0.00 | 18.96 0.57 0.00 | 18.25 0.53 0.00 | 24.58 0.59 0.00 | 24.24 0.76 0.00 | 25.78 0.81 0.00 | 29.83 0.88 0.00 | 25.54 0.77 0.00 | 29.01 0.77 -2.41 | 29.02 0.83 0.00 | 31.59 0.94 0.00 | 29.86 0.96 0.00 | 38.62 1.28 0.00 | 42.49 1.45 0.00 | 41.17 1.41 0.00 | 41.17 1.45 0.00 | 43.45 1.58 0.00 | 38.27 1.46 0.00 | 41.38 1.51 -0.32 | 31.39 1.11 -0.84 | 26.73 0.94 0.00 | 27.46 0.87 0.00 |
| ALTONA_WT_PWR 323606 | 22.65 0.18 0.00 | 20.08 0.14 0.00 | 19.42 0.09 0.00 | 18.47 0.07 0.00 | 17.81 0.09 0.00 | 24.24 0.25 0.00 | 23.75 0.27 0.00 | 25.30 0.33 0.00 | 29.30 0.36 0.00 | 25.11 0.34 0.00 | 26.08 0.25 0.00 | 28.40 0.21 0.00 | 30.82 0.18 0.00 | 29.09 0.19 0.00 | 37.65 0.31 0.00 | 41.57 0.53 0.00 | 40.33 0.58 0.00 | 39.71 0.00 0.00 | 41.93 0.05 0.00 | 36.77 -0.04 0.00 | 39.61 0.07 0.00 | 29.48 0.04 0.00 | 25.69 -0.10 0.00 | 26.42 -0.17 0.00 |
| AMERICAN_REF_FUEL 24010 | 21.63 -0.83 0.00 | 19.36 -0.58 0.00 | 18.90 -0.43 0.00 | 17.89 -0.50 0.00 | 17.20 -0.52 0.00 | 23.60 -0.39 0.00 | 22.77 -0.71 0.00 | 24.24 -0.73 0.00 | 28.08 -0.86 0.00 | 23.98 -0.79 0.00 | 25.13 -0.70 0.00 | 27.48 -0.71 0.00 | 29.70 -0.94 0.00 | 27.81 -1.09 0.00 | 35.40 -1.93 0.00 | 38.65 -2.39 0.00 | 37.06 -2.70 0.00 | 37.38 -2.33 0.00 | 39.23 -2.65 0.00 | 34.23 -2.57 0.00 | 36.99 -2.59 -0.04 | 27.59 -1.95 -0.10 | 24.80 -0.98 0.00 | 26.07 -0.51 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 22.59 0.13 0.00 | 20.12 0.18 0.00 | 19.66 0.33 0.00 | 18.58 0.18 0.00 | 17.90 0.18 0.00 | 24.60 0.61 0.00 | 23.94 0.46 0.00 | 25.65 0.68 0.00 | 29.81 0.86 0.00 | 25.46 0.69 0.00 | 26.66 0.83 0.00 | 29.11 0.93 0.00 | 31.43 0.79 0.00 | 29.46 0.56 0.00 | 37.70 0.37 0.00 | 41.19 0.15 0.00 | 39.47 -0.29 0.00 | 39.79 0.08 0.00 | 41.75 -0.13 0.00 | 36.40 -0.40 0.00 | 39.23 -0.36 -0.04 | 29.19 -0.36 -0.11 | 25.81 0.03 0.00 | 26.83 0.24 0.00 |
| ARTHUR_KILL_GT_1 23520 | 23.75 1.29 0.00 | 20.91 0.97 0.00 | 20.20 0.87 0.00 | 19.27 0.88 0.00 | 18.54 0.82 0.00 | 25.10 1.11 0.00 | 24.99 1.50 0.00 | 26.72 1.75 0.00 | 30.04 1.88 0.79 | 26.57 1.80 0.00 | 27.62 1.90 0.11 | 30.27 2.09 0.00 | 32.98 2.34 0.00 | 31.22 2.33 0.00 | 40.33 3.00 0.00 | 44.52 3.48 0.00 | 42.77 3.02 0.01 | 42.74 3.03 0.00 | 45.00 3.12 0.00 | 39.50 2.70 0.00 | 42.64 2.85 -0.25 | 32.40 2.30 -0.66 | 27.85 2.06 0.00 | 28.54 1.96 0.00 |
| ARTHUR_KILL_2 23512 | 23.68 1.22 0.00 | 20.85 0.91 0.00 | 20.14 0.81 0.00 | 19.21 0.82 0.00 | 18.49 0.77 0.00 | 25.02 1.03 0.00 | 24.91 1.43 0.00 | 26.64 1.67 0.00 | 29.94 1.78 0.79 | 26.48 1.71 0.00 | 27.53 1.80 0.11 | 30.17 1.99 0.00 | 32.86 2.22 0.00 | 31.11 2.21 0.00 | 40.18 2.85 0.00 | 44.35 3.31 0.00 | 42.60 2.85 0.01 | 42.57 2.86 0.00 | 44.82 2.94 0.00 | 39.34 2.53 0.00 | 42.47 2.68 -0.25 | 32.28 2.18 -0.66 | 27.75 1.97 0.00 | 28.46 1.87 0.00 |
| ARTHUR_KILL_3 23513 | 23.60 1.14 0.00 | 20.84 0.90 0.00 | 20.15 0.82 0.00 | 19.24 0.84 0.00 | 18.50 0.78 0.00 | 24.88 0.89 0.00 | 24.74 1.26 0.00 | 26.52 1.55 0.00 | 29.81 1.78 0.91 | 26.38 1.62 0.01 | 27.50 1.78 0.11 | 29.98 1.90 0.10 | 32.83 2.19 0.00 | 31.07 2.17 0.00 | 40.17 2.83 0.00 | 44.30 3.26 0.00 | 42.66 2.90 0.00 | 42.57 2.85 0.00 | 44.74 2.86 0.00 | 39.23 2.43 0.00 | 42.32 2.53 -0.25 | 32.06 1.96 -0.66 | 27.59 1.81 0.00 | 28.25 1.67 0.00 |
| ARTHUR_KILL_COGEN 323718 | 23.75 1.29 0.00 | 20.91 0.97 0.00 | 20.20 0.87 0.00 | 19.27 0.88 0.00 | 18.54 0.82 0.00 | 25.10 1.11 0.00 | 24.99 1.50 0.00 | 26.72 1.75 0.00 | 30.04 1.88 0.79 | 26.57 1.80 0.00 | 27.62 1.90 0.11 | 30.27 2.09 0.00 | 32.98 2.34 0.00 | 31.22 2.33 0.00 | 40.33 3.00 0.00 | 44.52 3.48 0.00 | 42.77 3.02 0.01 | 42.74 3.03 0.00 | 45.00 3.12 0.00 | 39.50 2.70 0.00 | 42.64 2.85 -0.25 | 32.40 2.30 -0.66 | 27.85 2.06 0.00 | 28.54 1.96 0.00 |
| ASHOKAN____ 23654 | 23.56 1.10 0.00 | 20.93 0.99 0.00 | 20.32 0.99 0.00 | 19.34 0.95 0.00 | 18.62 0.91 0.00 | 25.09 1.11 0.00 | 24.76 1.28 0.00 | 26.41 1.44 0.00 | 30.54 1.59 0.00 | 26.03 1.26 0.00 | 27.03 1.20 0.00 | 29.48 1.30 0.00 | 32.09 1.45 0.00 | 30.41 1.51 0.00 | 39.40 2.06 0.00 | 43.65 2.61 0.00 | 42.42 2.66 0.00 | 42.45 2.73 0.00 | 45.03 3.16 0.00 | 39.73 2.93 0.00 | 42.87 3.04 -0.28 | 32.32 2.13 -0.75 | 27.55 1.77 0.00 | 28.17 1.59 0.00 |

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|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|
| ASTORIA_EAST_ENERGY_CC1 323581 | 23.71 1.25 0.00 | 20.95 1.02 0.00 | 20.25 0.92 0.00 | 19.32 0.92 0.00 | 18.59 0.87 0.00 | 25.04 1.05 0.00 | 24.92 1.43 0.00 | 26.70 1.73 0.00 | 30.91 1.96 0.00 | 26.54 1.77 0.00 | 38.29 1.88 -10.58 | 30.18 2.00 0.00 | 32.94 2.30 0.00 | 31.21 2.32 0.00 | 40.31 2.97 0.00 | 44.46 3.42 0.00 | 42.79 3.03 0.00 | 42.74 3.03 0.00 | 44.91 3.03 0.00 | 39.42 2.62 0.00 | 42.53 2.73 -0.25 | 32.24 2.14 -0.66 | 27.72 1.93 0.00 | 28.41 1.82 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 23.71 1.25 0.00 | 20.95 1.02 0.00 | 20.25 0.92 0.00 | 19.32 0.92 0.00 | 18.59 0.87 0.00 | 25.04 1.05 0.00 | 24.92 1.43 0.00 | 26.70 1.73 0.00 | 30.91 1.96 0.00 | 26.54 1.77 0.00 | 38.29 1.88 -10.58 | 30.18 2.00 0.00 | 32.94 2.30 0.00 | 31.21 2.32 0.00 | 40.31 2.97 0.00 | 44.46 3.42 0.00 | 42.79 3.03 0.00 | 42.74 3.03 0.00 | 44.91 3.03 0.00 | 39.42 2.62 0.00 | 42.53 2.73 -0.25 | 32.24 2.14 -0.66 | 27.72 1.93 0.00 | 28.41 1.82 0.00 |
| ASTORIA_GT2_1 24094 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT2_2 24095 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT2_3 24096 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT2_4 24097 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT3_1 24098 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT3_2 24099 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT3_3 24100 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT3_4 24101 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT4_1 24102 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT4_2 24103 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT4_3 24104 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT4_4 24105 | 23.73 1.27 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.19 2.01 0.00 | 32.97 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.05 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.75 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA_GT_1 23523 | 23.78 1.31 0.00 | 21.00 1.06 0.00 | 20.29 0.96 0.00 | 19.36 0.97 0.00 | 18.63 0.91 0.00 | 25.10 1.11 0.00 | 24.98 1.49 0.00 | 26.76 1.80 0.00 | 30.99 2.05 0.00 | 26.62 1.85 0.00 | 38.38 1.97 -10.58 | 30.27 2.09 0.00 | 33.04 2.40 0.00 | 31.31 2.41 0.00 | 40.43 3.09 0.00 | 44.60 3.56 0.00 | 42.93 3.17 0.00 | 42.87 3.16 0.00 | 45.04 3.17 0.00 | 39.53 2.73 0.00 | 42.66 2.86 -0.25 | 32.33 2.23 -0.66 | 27.80 2.01 0.00 | 28.49 1.90 0.00 |

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| ASTORIA_GT_10 24110 | 23.76 1.30 0.00 | 20.95 1.01 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.72 1.76 0.00 | 30.97 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.05 2.41 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.59 3.55 0.00 | 42.90 3.14 0.00 | 42.81 3.10 0.00 | 45.00 3.12 0.00 | 39.49 2.68 0.00 | 42.59 2.80 -0.25 | 32.29 2.19 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| ASTORIA_GT_11 24225 | 23.76 1.30 0.00 | 20.95 1.01 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.72 1.76 0.00 | 30.97 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.05 2.41 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.59 3.55 0.00 | 42.90 3.14 0.00 | 42.81 3.10 0.00 | 45.00 3.12 0.00 | 39.49 2.68 0.00 | 42.59 2.80 -0.25 | 32.29 2.19 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| ASTORIA_GT_12 24226 | 23.76 1.30 0.00 | 20.95 1.01 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.72 1.76 0.00 | 30.97 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.05 2.41 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.59 3.55 0.00 | 42.90 3.14 0.00 | 42.81 3.10 0.00 | 45.00 3.12 0.00 | 39.49 2.68 0.00 | 42.59 2.80 -0.25 | 32.29 2.19 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| ASTORIA_GT_13 24227 | 23.76 1.30 0.00 | 20.95 1.01 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.72 1.76 0.00 | 30.97 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.05 2.41 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.59 3.55 0.00 | 42.90 3.14 0.00 | 42.81 3.10 0.00 | 45.00 3.12 0.00 | 39.49 2.68 0.00 | 42.59 2.80 -0.25 | 32.29 2.19 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| ASTORIA_GT_5 24106 | 23.78 1.31 0.00 | 21.00 1.06 0.00 | 20.29 0.96 0.00 | 19.36 0.97 0.00 | 18.63 0.91 0.00 | 25.10 1.11 0.00 | 24.98 1.49 0.00 | 26.76 1.80 0.00 | 30.99 2.05 0.00 | 26.62 1.85 0.00 | 38.38 1.97 -10.58 | 30.27 2.09 0.00 | 33.04 2.40 0.00 | 31.31 2.41 0.00 | 40.43 3.09 0.00 | 44.60 3.56 0.00 | 42.93 3.17 0.00 | 42.87 3.16 0.00 | 45.04 3.17 0.00 | 39.53 2.73 0.00 | 42.66 2.86 -0.25 | 32.33 2.23 -0.66 | 27.80 2.01 0.00 | 28.49 1.90 0.00 |
| ASTORIA_GT_7 24107 | 23.78 1.31 0.00 | 21.00 1.06 0.00 | 20.29 0.96 0.00 | 19.36 0.97 0.00 | 18.63 0.91 0.00 | 25.10 1.11 0.00 | 24.98 1.49 0.00 | 26.76 1.80 0.00 | 30.99 2.05 0.00 | 26.62 1.85 0.00 | 38.38 1.97 -10.58 | 30.27 2.09 0.00 | 33.04 2.40 0.00 | 31.31 2.41 0.00 | 40.43 3.09 0.00 | 44.60 3.56 0.00 | 42.93 3.17 0.00 | 42.87 3.16 0.00 | 45.04 3.17 0.00 | 39.53 2.73 0.00 | 42.66 2.86 -0.25 | 32.33 2.23 -0.66 | 27.80 2.01 0.00 | 28.49 1.90 0.00 |
| ASTORIA_GT_8 24108 | 23.77 1.31 0.00 | 20.98 1.04 0.00 | 20.29 0.96 0.00 | 19.36 0.97 0.00 | 18.63 0.91 0.00 | 25.09 1.11 0.00 | 24.98 1.49 0.00 | 26.77 1.80 0.00 | 31.00 2.05 0.00 | 26.62 1.85 0.00 | 38.38 1.97 -10.58 | 30.27 2.09 0.00 | 33.04 2.40 0.00 | 31.31 2.41 0.00 | 40.43 3.09 0.00 | 44.60 3.56 0.00 | 42.92 3.17 0.00 | 42.87 3.16 0.00 | 45.04 3.17 0.00 | 39.53 2.73 0.00 | 42.65 2.86 -0.25 | 32.33 2.23 -0.66 | 27.80 2.02 0.00 | 28.49 1.90 0.00 |
| ASTORIA___2 24149 | 23.73 1.27 0.00 | 20.96 1.02 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.71 1.74 0.00 | 30.93 1.98 0.00 | 26.56 1.79 0.00 | 38.31 1.90 -10.58 | 30.20 2.01 0.00 | 32.96 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.06 0.00 | 42.77 3.06 0.00 | 44.93 3.06 0.00 | 39.45 2.64 0.00 | 42.56 2.76 -0.25 | 32.26 2.16 -0.66 | 27.74 1.96 0.00 | 28.43 1.85 0.00 |
| ASTORIA___3 23516 | 23.76 1.30 0.00 | 20.97 1.03 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.72 1.76 0.00 | 30.96 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.04 2.40 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.59 3.55 0.00 | 42.90 3.14 0.00 | 42.82 3.10 0.00 | 45.00 3.12 0.00 | 39.49 2.68 0.00 | 42.59 2.80 -0.25 | 32.29 2.19 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| ASTORIA___4 23517 | 23.76 1.30 0.00 | 20.95 1.01 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.72 1.76 0.00 | 30.97 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.05 2.41 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.59 3.55 0.00 | 42.90 3.14 0.00 | 42.81 3.10 0.00 | 45.00 3.12 0.00 | 39.49 2.68 0.00 | 42.59 2.80 -0.25 | 32.29 2.19 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| ASTORIA___5 23518 | 23.76 1.30 0.00 | 20.97 1.03 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.72 1.76 0.00 | 30.96 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.04 2.40 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.59 3.55 0.00 | 42.90 3.14 0.00 | 42.82 3.10 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.29 2.19 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| AST_ENERGY_2_CC3 323677 | 23.68 1.22 0.00 | 20.91 0.97 0.00 | 20.22 0.89 0.00 | 19.29 0.90 0.00 | 18.56 0.84 0.00 | 24.96 0.98 0.00 | 24.83 1.35 0.00 | 26.62 1.66 0.00 | 30.86 1.92 0.00 | 26.51 1.74 0.00 | 38.30 1.88 -10.58 | 30.19 2.01 0.00 | 32.93 2.29 0.00 | 31.17 2.27 0.00 | 40.31 2.98 0.00 | 44.45 3.41 0.00 | 42.83 3.07 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.69 1.91 0.00 | 28.37 1.78 0.00 |
| AST_ENERGY_2_CC4 323678 | 23.68 1.22 0.00 | 20.91 0.97 0.00 | 20.22 0.89 0.00 | 19.29 0.90 0.00 | 18.56 0.84 0.00 | 24.96 0.98 0.00 | 24.83 1.35 0.00 | 26.62 1.66 0.00 | 30.86 1.92 0.00 | 26.51 1.74 0.00 | 38.30 1.88 -10.58 | 30.19 2.01 0.00 | 32.93 2.29 0.00 | 31.17 2.27 0.00 | 40.31 2.98 0.00 | 44.45 3.41 0.00 | 42.83 3.07 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.69 1.91 0.00 | 28.37 1.78 0.00 |
| ATHENS_STG_1 23668 | 23.25 0.79 0.00 | 20.62 0.68 0.00 | 19.99 0.66 0.00 | 19.04 0.65 0.00 | 18.33 0.62 0.00 | 24.67 0.69 0.00 | 24.39 0.91 0.00 | 26.00 1.03 0.00 | 30.10 1.15 0.00 | 25.79 1.02 0.00 | 29.74 1.06 -2.85 | 29.33 1.15 0.00 | 31.96 1.31 0.00 | 30.21 1.31 0.00 | 39.07 1.73 0.00 | 42.99 1.95 0.00 | 41.57 1.81 0.00 | 41.53 1.82 0.00 | 43.77 1.89 0.00 | 38.52 1.71 0.00 | 41.62 1.79 -0.28 | 31.53 1.35 -0.75 | 26.96 1.18 0.00 | 27.68 1.10 0.00 |
| ATHENS_STG_2 23670 | 23.25 0.79 0.00 | 20.62 0.68 0.00 | 19.99 0.66 0.00 | 19.04 0.65 0.00 | 18.33 0.62 0.00 | 24.67 0.69 0.00 | 24.39 0.91 0.00 | 26.00 1.03 0.00 | 30.10 1.15 0.00 | 25.79 1.02 0.00 | 29.74 1.06 -2.85 | 29.33 1.15 0.00 | 31.96 1.31 0.00 | 30.21 1.31 0.00 | 39.07 1.73 0.00 | 42.99 1.95 0.00 | 41.57 1.81 0.00 | 41.53 1.82 0.00 | 43.77 1.89 0.00 | 38.52 1.71 0.00 | 41.62 1.79 -0.28 | 31.53 1.35 -0.75 | 26.96 1.18 0.00 | 27.68 1.10 0.00 |

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| ATHENS_STG_3 23677 | 23.25 0.79 0.00 | 20.62 0.68 0.00 | 19.99 0.66 0.00 | 19.04 0.65 0.00 | 18.33 0.62 0.00 | 24.67 0.69 0.00 | 24.39 0.91 0.00 | 26.00 1.03 0.00 | 30.10 1.15 0.00 | 25.79 1.02 0.00 | 29.74 1.06 -2.85 | 29.33 1.15 0.00 | 31.96 1.31 0.00 | 30.21 1.31 0.00 | 39.07 1.73 0.00 | 42.99 1.95 0.00 | 41.57 1.81 0.00 | 41.53 1.82 0.00 | 43.77 1.89 0.00 | 38.52 1.71 0.00 | 41.62 1.79 -0.28 | 31.53 1.35 -0.75 | 26.96 1.18 0.00 | 27.68 1.10 0.00 |
| AUBURN____LFGE 323710 | 22.75 0.29 0.00 | 20.27 0.33 0.00 | 19.53 0.20 0.00 | 18.61 0.22 0.00 | 17.96 0.24 0.00 | 24.43 0.44 0.00 | 24.00 0.52 0.00 | 25.69 0.59 -0.13 | 31.67 0.72 -2.01 | 25.37 0.51 -0.09 | 26.25 0.42 0.00 | 28.71 0.53 0.00 | 31.22 0.57 0.00 | 29.43 0.53 0.00 | 37.99 0.65 0.00 | 42.10 0.47 -0.59 | 40.77 0.31 -0.71 | 42.32 0.74 -1.87 | 45.96 0.92 -3.17 | 39.18 0.65 -1.72 | 41.05 0.78 -0.72 | 29.97 0.45 -0.08 | 26.29 0.50 0.00 | 27.16 0.57 0.00 |
| BABYLON_RES_REC 323704 | 24.45 1.99 0.00 | 21.61 1.67 0.00 | 20.81 1.48 0.00 | 19.79 1.39 0.00 | 19.06 1.34 0.00 | 25.65 1.67 0.00 | 25.58 2.10 0.00 | 27.34 2.37 0.00 | 31.71 2.76 0.00 | 27.21 2.44 0.00 | 38.98 2.65 -10.50 | 30.81 2.62 0.00 | 35.21 2.88 -1.69 | 59.72 2.85 -27.97 | 52.14 3.76 -11.04 | 57.03 4.09 -11.91 | 51.99 3.57 -8.66 | 43.25 3.45 -0.10 | 45.62 3.74 0.00 | 40.01 3.21 0.00 | 43.14 3.35 -0.25 | 38.61 3.05 -6.13 | 29.27 2.81 -0.67 | 29.76 2.79 -0.38 |
| BABYLON__69_KV_BK2 356345 | 24.76 2.30 0.00 | 21.80 1.86 0.00 | 21.06 1.74 0.00 | 20.03 1.64 0.00 | 19.29 1.57 0.00 | 25.96 1.97 0.00 | 25.89 2.40 0.00 | 27.66 2.69 0.00 | 32.11 3.17 0.00 | 27.59 2.82 0.00 | 39.39 3.06 -10.49 | 31.45 3.27 0.00 | 35.98 3.64 -1.69 | 60.47 3.60 -27.97 | 53.12 4.74 -11.04 | 58.05 5.11 -11.91 | 53.06 4.65 -8.66 | 44.19 4.38 -0.10 | 46.49 4.61 0.00 | 40.77 3.96 0.00 | 43.87 4.08 -0.25 | 39.04 3.47 -6.13 | 29.72 3.27 -0.67 | 30.19 3.23 -0.38 |
| BARON_WINDS____WT_PWR 323822 | 22.18 -0.28 0.00 | 19.77 -0.17 0.00 | 19.35 0.02 0.00 | 18.33 -0.06 0.00 | 17.65 -0.06 0.00 | 24.13 0.14 0.00 | 23.63 0.15 0.00 | 25.29 0.28 -0.03 | 29.72 0.31 -0.47 | 25.10 0.31 -0.02 | 26.25 0.42 0.00 | 28.65 0.46 0.00 | 30.99 0.35 0.00 | 29.10 0.20 0.00 | 37.32 -0.02 0.00 | 41.01 -0.17 -0.14 | 39.39 -0.53 -0.16 | 39.77 -0.37 -0.43 | 42.17 -0.43 -0.73 | 36.63 -0.57 -0.39 | 39.14 -0.62 -0.21 | 29.02 -0.57 -0.14 | 25.65 -0.13 0.00 | 26.85 0.27 0.00 |
| BARRETT_IC_1 23704 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_10 23701 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_11 23702 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_12 23703 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_2 23705 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_3 23706 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_4 23707 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_5 23708 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_6 23709 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_7 23710 | 24.08 1.62 0.00 | 21.24 1.30 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.19 1.71 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.39 2.07 -10.49 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.63 -11.90 | 51.71 3.29 -8.66 | 42.99 3.19 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.69 2.90 -0.25 | 38.04 2.47 -6.13 | 28.84 2.39 -0.67 | 29.29 2.32 -0.38 |

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| BARRETT_IC_8 23711 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT_IC_9 23700 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT___1 23545 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BARRETT___2 23546 | 24.08 1.62 0.00 | 21.29 1.35 0.00 | 20.56 1.23 0.00 | 19.59 1.20 0.00 | 18.87 1.15 0.00 | 25.31 1.32 0.00 | 25.18 1.70 0.00 | 26.85 1.88 0.00 | 31.11 2.16 0.00 | 26.64 1.87 0.00 | 38.40 2.07 -10.50 | 30.39 2.20 0.00 | 34.86 2.53 -1.69 | 59.34 2.47 -27.97 | 51.62 3.24 -11.04 | 56.57 3.62 -11.90 | 51.71 3.29 -8.66 | 42.99 3.18 -0.10 | 45.19 3.32 0.00 | 39.64 2.83 0.00 | 42.70 2.90 -0.25 | 38.04 2.48 -6.13 | 28.84 2.38 -0.67 | 29.29 2.32 -0.38 |
| BATAVIA___115KV_TB1 55881 | 22.57 0.11 0.00 | 20.23 0.29 0.00 | 19.66 0.33 0.00 | 18.61 0.22 0.00 | 17.91 0.19 0.00 | 24.56 0.57 0.00 | 23.82 0.33 0.00 | 25.44 0.47 0.00 | 29.53 0.58 0.00 | 25.22 0.45 0.00 | 26.46 0.63 0.00 | 28.86 0.67 0.00 | 31.15 0.50 0.00 | 29.21 0.31 0.00 | 37.27 -0.06 0.00 | 40.81 -0.24 0.00 | 39.26 -0.50 0.00 | 39.64 -0.07 0.00 | 41.77 -0.10 0.00 | 36.55 -0.26 0.00 | 39.45 -0.13 -0.04 | 29.29 -0.24 -0.09 | 26.09 0.30 0.00 | 27.24 0.66 0.00 |
| BAYONEEC___CTG1 323682 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |
| BAYONEEC___CTG10 323750 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |
| BAYONEEC___CTG2 323683 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |
| BAYONEEC___CTG3 323684 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |
| BAYONEEC___CTG4 323685 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |
| BAYONEEC___CTG5 323686 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |
| BAYONEEC___CTG6 323687 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |
| BAYONEEC___CTG7 323688 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |
| BAYONEEC___CTG8 323689 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |
| BAYONEEC___CTG9 323749 | 23.70 1.24 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 24.99 1.01 0.00 | 24.85 1.37 0.00 | 26.65 1.68 0.00 | 30.88 1.94 0.00 | 26.52 1.76 0.00 | 38.32 1.91 -10.58 | 30.20 2.02 0.00 | 32.95 2.31 0.00 | 31.19 2.29 0.00 | 40.33 2.99 0.00 | 44.47 3.43 0.00 | 42.84 3.08 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.41 2.60 0.00 | 42.51 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.93 0.00 | 28.39 1.80 0.00 |

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| BEACON___LESR 323632 | 23.14 0.68 0.00 | 20.57 0.63 0.00 | 19.90 0.57 0.00 | 18.97 0.57 0.00 | 18.27 0.55 0.00 | 24.66 0.68 0.00 | 24.33 0.85 0.00 | 25.86 0.88 0.00 | 29.90 0.96 0.00 | 25.56 0.79 0.00 | 29.14 0.81 -2.49 | 29.08 0.90 0.00 | 31.73 1.09 0.00 | 29.98 1.08 0.00 | 38.84 1.50 0.00 | 42.84 1.80 0.00 | 41.57 1.81 0.00 | 41.52 1.80 0.00 | 43.87 2.00 0.00 | 38.61 1.81 0.00 | 41.73 1.87 -0.32 | 31.61 1.34 -0.84 | 26.88 1.10 0.00 | 27.57 0.98 0.00 |
| BEAVER RIVER___HYD 24048 | 22.25 -0.21 0.00 | 19.74 -0.20 0.00 | 19.08 -0.25 0.00 | 18.20 -0.19 0.00 | 17.61 -0.11 0.00 | 23.82 -0.17 0.00 | 23.35 -0.13 0.00 | 25.01 -0.02 -0.06 | 29.88 0.06 -0.88 | 24.92 0.12 -0.04 | 26.13 0.30 0.00 | 28.57 0.38 0.00 | 30.92 0.28 0.00 | 28.85 -0.04 0.00 | 37.06 -0.28 0.00 | 40.77 -0.53 -0.26 | 39.99 -0.15 -0.39 | 40.24 -0.51 -1.03 | 43.56 -0.06 -1.75 | 37.97 0.22 -0.95 | 40.33 0.40 -0.39 | 29.65 0.19 -0.03 | 25.81 0.03 0.00 | 26.44 -0.15 0.00 |
| BEEBEE_GT_13 23619 | 22.37 -0.08 0.00 | 19.99 0.05 0.00 | 19.39 0.06 0.00 | 18.39 0.00 0.00 | 17.70 -0.02 0.00 | 24.20 0.21 0.00 | 23.53 0.05 0.00 | 25.09 0.12 0.00 | 29.14 0.19 0.00 | 24.93 0.15 0.00 | 26.07 0.24 0.00 | 28.44 0.26 0.00 | 30.82 0.18 0.00 | 28.98 0.08 0.00 | 37.21 -0.13 0.00 | 40.78 -0.26 0.00 | 39.25 -0.50 0.00 | 39.49 -0.22 0.00 | 41.58 -0.29 0.00 | 36.36 -0.44 0.00 | 39.19 -0.38 -0.03 | 29.12 -0.40 -0.08 | 25.80 0.02 0.00 | 26.86 0.27 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 24.00 1.54 0.00 | 21.14 1.19 0.00 | 20.44 1.11 0.00 | 19.50 1.10 0.00 | 18.75 1.04 0.00 | 25.31 1.33 0.00 | 25.20 1.71 0.00 | 26.99 2.02 0.00 | 31.24 2.29 0.00 | 26.85 2.08 0.00 | 38.66 2.25 -10.58 | 30.60 2.42 0.00 | 33.38 2.74 0.00 | 31.62 2.72 0.00 | 40.87 3.53 0.00 | 45.09 4.05 0.00 | 43.37 3.61 0.00 | 43.27 3.56 0.00 | 45.51 3.63 0.00 | 39.94 3.14 0.00 | 43.11 3.32 -0.25 | 32.69 2.59 -0.66 | 28.13 2.35 0.00 | 28.80 2.21 0.00 |
| BETHLEHEM___GRP 23843 | 22.80 0.34 0.00 | 20.27 0.33 0.00 | 19.66 0.33 0.00 | 18.73 0.34 0.00 | 18.03 0.32 0.00 | 24.27 0.28 0.00 | 23.94 0.46 0.00 | 25.44 0.47 0.00 | 29.40 0.46 0.00 | 25.19 0.42 0.00 | 28.70 0.39 -2.48 | 28.62 0.43 0.00 | 31.17 0.52 0.00 | 29.47 0.58 0.00 | 38.13 0.79 0.00 | 41.97 0.93 0.00 | 40.69 0.93 0.00 | 40.68 0.97 0.00 | 42.96 1.08 0.00 | 37.85 1.05 0.00 | 40.92 1.05 -0.32 | 31.03 0.75 -0.84 | 26.40 0.62 0.00 | 27.08 0.50 0.00 |
| BETHLEHEM___GS1 323560 | 22.80 0.34 0.00 | 20.28 0.34 0.00 | 19.66 0.33 0.00 | 18.73 0.34 0.00 | 18.03 0.32 0.00 | 24.27 0.28 0.00 | 23.94 0.46 0.00 | 25.44 0.47 0.00 | 29.41 0.46 0.00 | 25.19 0.42 0.00 | 28.70 0.39 -2.48 | 28.62 0.43 0.00 | 31.17 0.52 0.00 | 29.47 0.58 0.00 | 38.13 0.79 0.00 | 41.97 0.93 0.00 | 40.69 0.93 0.00 | 40.68 0.97 0.00 | 42.96 1.08 0.00 | 37.85 1.04 0.00 | 40.92 1.05 -0.32 | 31.03 0.75 -0.84 | 26.40 0.61 0.00 | 27.08 0.50 0.00 |
| BETHLEHEM___GS2 323561 | 22.80 0.34 0.00 | 20.28 0.34 0.00 | 19.66 0.33 0.00 | 18.73 0.34 0.00 | 18.03 0.32 0.00 | 24.27 0.28 0.00 | 23.94 0.46 0.00 | 25.44 0.47 0.00 | 29.41 0.46 0.00 | 25.19 0.42 0.00 | 28.70 0.39 -2.48 | 28.62 0.43 0.00 | 31.17 0.52 0.00 | 29.47 0.58 0.00 | 38.13 0.79 0.00 | 41.97 0.93 0.00 | 40.69 0.93 0.00 | 40.68 0.97 0.00 | 42.96 1.08 0.00 | 37.85 1.04 0.00 | 40.92 1.05 -0.32 | 31.03 0.75 -0.84 | 26.40 0.61 0.00 | 27.08 0.50 0.00 |
| BETHLEHEM___GS3 323562 | 22.80 0.34 0.00 | 20.28 0.34 0.00 | 19.66 0.33 0.00 | 18.73 0.34 0.00 | 18.03 0.32 0.00 | 24.27 0.28 0.00 | 23.94 0.46 0.00 | 25.44 0.47 0.00 | 29.41 0.46 0.00 | 25.19 0.42 0.00 | 28.70 0.39 -2.48 | 28.62 0.43 0.00 | 31.17 0.52 0.00 | 29.47 0.58 0.00 | 38.13 0.79 0.00 | 41.97 0.93 0.00 | 40.69 0.93 0.00 | 40.68 0.97 0.00 | 42.96 1.08 0.00 | 37.85 1.04 0.00 | 40.92 1.05 -0.32 | 31.03 0.75 -0.84 | 26.40 0.61 0.00 | 27.08 0.50 0.00 |
| BETHLEHEM___STEEL 23779 | 22.28 -0.18 0.00 | 19.97 0.03 0.00 | 19.43 0.10 0.00 | 18.39 0.00 0.00 | 17.69 -0.03 0.00 | 24.29 0.31 0.00 | 23.54 0.05 0.00 | 25.14 0.17 0.00 | 29.17 0.23 0.00 | 24.94 0.18 0.00 | 26.17 0.34 0.00 | 28.60 0.41 0.00 | 30.93 0.28 0.00 | 29.00 0.10 0.00 | 37.06 -0.28 0.00 | 40.45 -0.60 0.00 | 38.71 -1.05 0.00 | 38.97 -0.74 0.00 | 40.88 -0.99 0.00 | 35.64 -1.16 0.00 | 38.49 -1.09 -0.04 | 28.67 -0.88 -0.11 | 25.60 -0.18 0.00 | 26.86 0.28 0.00 |
| BETHLHEM_115KV_TB1 79974 | 22.87 0.40 0.00 | 20.33 0.39 0.00 | 19.71 0.38 0.00 | 18.78 0.39 0.00 | 18.08 0.36 0.00 | 24.34 0.35 0.00 | 24.01 0.53 0.00 | 25.51 0.54 0.00 | 29.50 0.56 0.00 | 25.27 0.50 0.00 | 28.78 0.47 -2.47 | 28.70 0.52 0.00 | 31.27 0.63 0.00 | 29.57 0.67 0.00 | 38.25 0.91 0.00 | 42.09 1.05 0.00 | 40.79 1.03 0.00 | 40.80 1.09 0.00 | 43.07 1.19 0.00 | 37.94 1.14 0.00 | 41.02 1.16 -0.32 | 31.11 0.83 -0.84 | 26.47 0.69 0.00 | 27.17 0.58 0.00 |
| BETHPAGE_CC_5 323564 | 24.30 1.84 0.00 | 21.48 1.54 0.00 | 20.71 1.38 0.00 | 19.71 1.32 0.00 | 18.98 1.26 0.00 | 25.52 1.53 0.00 | 25.43 1.94 0.00 | 27.18 2.21 0.00 | 31.50 2.56 0.00 | 26.96 2.19 0.00 | 38.71 2.38 -10.50 | 30.68 2.49 0.00 | 35.17 2.84 -1.69 | 59.65 2.78 -27.97 | 52.05 3.67 -11.04 | 56.99 4.04 -11.90 | 52.09 3.68 -8.66 | 43.28 3.47 -0.10 | 45.50 3.62 0.00 | 39.89 3.09 0.00 | 42.96 3.16 -0.25 | 38.25 2.69 -6.13 | 28.95 2.49 -0.67 | 29.43 2.47 -0.38 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 22.35 -0.11 0.00 | 20.02 0.08 0.00 | 19.48 0.15 0.00 | 18.44 0.05 0.00 | 17.74 0.02 0.00 | 24.35 0.36 0.00 | 23.61 0.13 0.00 | 25.22 0.25 0.00 | 29.26 0.32 0.00 | 25.03 0.27 0.00 | 26.27 0.44 0.00 | 28.71 0.53 0.00 | 31.05 0.41 0.00 | 29.12 0.22 0.00 | 37.24 -0.10 0.00 | 40.64 -0.40 0.00 | 38.91 -0.85 0.00 | 39.16 -0.55 0.00 | 41.06 -0.81 0.00 | 35.80 -1.01 0.00 | 38.66 -0.92 -0.04 | 28.80 -0.75 -0.11 | 25.69 -0.09 0.00 | 26.95 0.36 0.00 |
| BINGHAMTON___COGEN 23790 | 22.61 0.15 0.00 | 20.06 0.12 0.00 | 19.52 0.19 0.00 | 18.54 0.14 0.00 | 17.87 0.15 0.00 | 24.24 0.25 0.00 | 23.78 0.30 0.00 | 25.43 0.41 -0.06 | 30.27 0.47 -0.86 | 25.22 0.41 -0.04 | 26.30 0.47 0.00 | 28.70 0.52 0.00 | 31.16 0.52 0.00 | 29.36 0.46 0.00 | 37.86 0.52 0.00 | 41.87 0.57 -0.25 | 40.47 0.41 -0.30 | 40.97 0.46 -0.80 | 43.67 0.45 -1.35 | 37.86 0.32 -0.73 | 40.28 0.36 -0.37 | 29.89 0.24 -0.21 | 26.07 0.29 0.00 | 27.00 0.41 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 22.56 0.09 0.00 | 20.03 0.09 0.00 | 19.50 0.17 0.00 | 18.57 0.18 0.00 | 17.91 0.19 0.00 | 24.57 0.59 0.00 | 23.90 0.42 0.00 | 25.56 0.59 0.00 | 29.64 0.70 0.00 | 25.40 0.63 0.00 | 26.65 0.82 0.00 | 29.05 0.87 0.00 | 31.39 0.74 0.00 | 29.43 0.53 0.00 | 37.59 0.25 0.00 | 41.13 0.09 0.00 | 39.42 -0.34 0.00 | 39.57 -0.14 0.00 | 41.47 -0.41 0.00 | 36.17 -0.63 0.00 | 39.11 -0.48 -0.05 | 29.17 -0.38 -0.12 | 25.91 0.12 0.00 | 27.16 0.57 0.00 |
| BLACK RIVER___HYD 24047 | 22.47 0.01 0.00 | 19.95 0.01 0.00 | 19.29 -0.04 0.00 | 18.42 0.03 0.00 | 17.84 0.12 0.00 | 24.11 0.12 0.00 | 23.67 0.18 0.00 | 25.45 0.39 -0.10 | 30.93 0.55 -1.44 | 25.38 0.55 -0.06 | 26.64 0.81 0.00 | 29.13 0.95 0.00 | 31.46 0.82 0.00 | 29.21 0.31 0.00 | 37.49 0.15 0.00 | 41.19 -0.27 -0.42 | 40.59 0.20 -0.64 | 41.15 -0.28 -1.72 | 45.27 0.49 -2.91 | 39.20 0.82 -1.58 | 41.15 0.96 -0.65 | 30.14 0.67 -0.04 | 26.20 0.42 0.00 | 26.83 0.24 0.00 |

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| BLACKRVR_115KV_TB2 79977 | 22.47 0.01 0.00 | 19.96 0.02 0.00 | 19.29 -0.04 0.00 | 18.42 0.03 0.00 | 17.84 0.12 0.00 | 24.11 0.12 0.00 | 23.67 0.18 0.00 | 25.45 0.39 -0.10 | 30.94 0.56 -1.44 | 25.38 0.55 -0.06 | 26.64 0.81 0.00 | 29.13 0.95 0.00 | 31.46 0.82 0.00 | 29.21 0.31 0.00 | 37.49 0.15 0.00 | 41.19 -0.27 -0.42 | 40.59 0.20 -0.64 | 41.15 -0.28 -1.72 | 45.27 0.49 -2.91 | 39.21 0.82 -1.58 | 41.15 0.96 -0.65 | 30.15 0.67 -0.04 | 26.19 0.41 0.00 | 26.83 0.24 0.00 |
| BLISS_WT_PWR 323608 | 22.56 0.10 0.00 | 19.94 0.00 0.00 | 19.46 0.13 0.00 | 18.56 0.17 0.00 | 17.91 0.19 0.00 | 24.58 0.59 0.00 | 23.93 0.45 0.00 | 25.60 0.63 0.00 | 29.70 0.75 0.00 | 25.43 0.66 0.00 | 26.67 0.84 0.00 | 29.07 0.88 0.00 | 31.41 0.77 0.00 | 29.43 0.53 0.00 | 37.58 0.23 0.00 | 41.13 0.09 0.00 | 39.44 -0.32 0.00 | 39.61 -0.10 0.00 | 41.51 -0.37 0.00 | 36.21 -0.60 0.00 | 39.15 -0.45 -0.05 | 29.19 -0.37 -0.12 | 25.94 0.15 0.00 | 27.17 0.58 0.00 |
| BLUESTONE__WT_PWR 323821 | 23.43 0.97 0.00 | 20.78 0.84 0.00 | 20.22 0.89 0.00 | 19.19 0.80 0.00 | 18.52 0.80 0.00 | 25.11 1.12 0.00 | 24.76 1.28 0.00 | 26.54 1.52 -0.05 | 31.52 1.80 -0.77 | 26.35 1.55 -0.03 | 27.57 1.74 0.00 | 30.03 1.85 0.00 | 32.68 2.04 0.00 | 30.81 1.91 0.00 | 39.61 2.28 0.00 | 43.94 2.68 -0.23 | 42.55 2.52 -0.27 | 43.00 2.58 -0.71 | 45.82 2.73 -1.21 | 39.82 2.36 -0.66 | 42.38 2.48 -0.35 | 31.41 1.73 -0.24 | 27.23 1.44 0.00 | 28.08 1.50 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 23.16 0.70 0.00 | 20.61 0.67 0.00 | 19.99 0.66 0.00 | 19.03 0.64 0.00 | 18.32 0.60 0.00 | 24.71 0.72 0.00 | 24.33 0.84 0.00 | 25.83 0.85 0.00 | 29.84 0.90 0.00 | 25.54 0.77 0.00 | 28.86 0.74 -2.28 | 28.99 0.80 0.00 | 31.55 0.91 0.00 | 29.83 0.93 0.00 | 38.56 1.22 0.00 | 42.45 1.41 0.00 | 41.15 1.39 0.00 | 41.21 1.50 0.00 | 43.53 1.66 0.00 | 38.38 1.58 0.00 | 41.50 1.64 -0.31 | 31.45 1.19 -0.83 | 26.78 1.00 0.00 | 27.51 0.92 0.00 |
| BOC_GAS_DRP 24189 | 23.02 0.56 0.00 | 20.45 0.51 0.00 | 19.84 0.51 0.00 | 18.90 0.51 0.00 | 18.20 0.48 0.00 | 24.49 0.51 0.00 | 24.16 0.67 0.00 | 25.69 0.72 0.00 | 29.72 0.77 0.00 | 25.46 0.69 0.00 | 28.94 0.69 -2.41 | 28.93 0.75 0.00 | 31.51 0.87 0.00 | 29.78 0.88 0.00 | 38.51 1.17 0.00 | 42.35 1.31 0.00 | 41.01 1.25 0.00 | 41.00 1.29 0.00 | 43.25 1.38 0.00 | 38.10 1.30 0.00 | 41.21 1.35 -0.32 | 31.26 0.99 -0.84 | 26.63 0.84 0.00 | 27.35 0.77 0.00 |
| BOONVILLE_115KV_TB1 79983 | 22.70 0.24 0.00 | 20.15 0.21 0.00 | 19.54 0.21 0.00 | 18.62 0.22 0.00 | 17.96 0.25 0.00 | 24.26 0.27 0.00 | 23.81 0.32 0.00 | 25.44 0.44 -0.03 | 30.00 0.58 -0.48 | 25.33 0.54 -0.02 | 26.55 0.72 0.00 | 29.03 0.85 0.00 | 31.55 0.90 0.00 | 29.58 0.68 0.00 | 38.07 0.73 0.00 | 41.89 0.70 -0.14 | 40.79 0.84 -0.20 | 40.89 0.65 -0.53 | 43.62 0.85 -0.90 | 38.17 0.87 -0.49 | 40.80 1.05 -0.20 | 30.10 0.64 -0.02 | 26.26 0.48 0.00 | 26.95 0.37 0.00 |
| BORALEX_4TH_BRANCH 23824 | 23.61 1.15 0.00 | 21.14 1.20 0.00 | 20.54 1.21 0.00 | 19.56 1.17 0.00 | 18.82 1.10 0.00 | 25.32 1.33 0.00 | 24.92 1.44 0.00 | 26.26 1.29 0.00 | 30.23 1.28 0.00 | 25.86 1.09 0.00 | 29.59 1.01 -2.75 | 29.28 1.10 0.00 | 31.84 1.20 0.00 | 30.08 1.17 0.00 | 38.92 1.58 0.00 | 42.68 1.64 0.00 | 41.49 1.73 0.00 | 41.58 1.86 0.00 | 44.09 2.21 0.00 | 39.02 2.22 0.00 | 42.16 2.30 -0.31 | 31.92 1.64 -0.84 | 27.19 1.41 0.00 | 27.95 1.37 0.00 |
| BOWLINE__1 23526 | 23.48 1.02 0.00 | 20.74 0.80 0.00 | 20.06 0.73 0.00 | 19.13 0.74 0.00 | 18.40 0.69 0.00 | 24.82 0.83 0.00 | 24.63 1.15 0.00 | 26.37 1.40 0.00 | 30.58 1.64 0.00 | 26.22 1.45 0.00 | 12.29 1.54 15.08 | 29.85 1.67 0.00 | 32.57 1.93 0.00 | 30.82 1.92 0.00 | 39.85 2.51 0.00 | 43.95 2.91 0.00 | 42.41 2.65 0.00 | 42.35 2.64 0.00 | 44.56 2.68 0.00 | 39.10 2.30 0.00 | 42.19 2.40 -0.24 | 31.90 1.83 -0.64 | 27.41 1.63 0.00 | 28.09 1.50 0.00 |
| BOWLINE__2 23595 | 23.48 1.02 0.00 | 20.74 0.80 0.00 | 20.06 0.73 0.00 | 19.13 0.74 0.00 | 18.41 0.69 0.00 | 24.82 0.83 0.00 | 24.63 1.15 0.00 | 26.37 1.40 0.00 | 30.58 1.64 0.00 | 26.22 1.45 0.00 | 12.28 1.54 15.10 | 29.85 1.67 0.00 | 32.57 1.93 0.00 | 30.82 1.92 0.00 | 39.85 2.51 0.00 | 43.95 2.91 0.00 | 42.41 2.65 0.00 | 42.35 2.64 0.00 | 44.56 2.68 0.00 | 39.10 2.30 0.00 | 42.19 2.40 -0.24 | 31.90 1.83 -0.64 | 27.42 1.63 0.00 | 28.09 1.51 0.00 |
| BRADY__115KV_TB2 356060 | 22.35 -0.11 0.00 | 19.82 -0.12 0.00 | 19.18 -0.15 0.00 | 18.24 -0.15 0.00 | 17.59 -0.12 0.00 | 23.88 -0.11 0.00 | 23.31 -0.17 0.00 | 24.78 -0.19 0.00 | 28.73 -0.21 0.00 | 24.49 -0.28 0.00 | 25.57 -0.26 0.00 | 27.91 -0.27 0.00 | 30.29 -0.36 0.00 | 28.59 -0.32 0.00 | 37.00 -0.34 0.00 | 40.65 -0.39 0.00 | 39.52 -0.23 0.00 | 39.21 -0.50 0.00 | 41.47 -0.41 0.00 | 36.52 -0.28 0.00 | 39.31 -0.23 0.00 | 29.29 -0.14 0.00 | 25.53 -0.26 0.00 | 26.25 -0.33 0.00 |
| BRANSCOMB__SOLAR 323811 | 23.52 1.06 0.00 | 20.90 0.96 0.00 | 20.21 0.89 0.00 | 19.25 0.86 0.00 | 18.53 0.81 0.00 | 25.00 1.01 0.00 | 24.69 1.20 0.00 | 26.22 1.25 0.00 | 30.26 1.32 0.00 | 25.85 1.08 0.00 | 29.33 1.02 -2.47 | 29.27 1.09 0.00 | 31.88 1.23 0.00 | 30.14 1.24 0.00 | 39.06 1.72 0.00 | 43.13 2.09 0.00 | 42.03 2.27 0.00 | 42.00 2.29 0.00 | 44.48 2.60 0.00 | 39.17 2.36 0.00 | 42.29 2.42 -0.32 | 32.04 1.74 -0.86 | 27.21 1.43 0.00 | 27.98 1.39 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 24.67 2.21 0.00 | 21.72 1.78 0.00 | 20.98 1.65 0.00 | 19.96 1.56 0.00 | 19.23 1.51 0.00 | 25.86 1.88 0.00 | 25.79 2.30 0.00 | 27.55 2.58 0.00 | 31.98 3.03 0.00 | 27.46 2.70 0.00 | 39.23 2.90 -10.49 | 31.28 3.10 0.00 | 35.82 3.49 -1.69 | 60.31 3.44 -27.97 | 52.81 4.43 -11.04 | 57.54 4.59 -11.91 | 52.54 4.13 -8.66 | 43.68 3.87 -0.10 | 45.96 4.08 0.00 | 40.29 3.49 0.00 | 43.35 3.56 -0.25 | 38.74 3.18 -6.13 | 29.56 3.10 -0.67 | 30.05 3.09 -0.38 |
| BRISTLHL_115KV_TB1 79998 | 22.18 -0.28 0.00 | 19.71 -0.23 0.00 | 19.13 -0.20 0.00 | 18.18 -0.21 0.00 | 17.54 -0.18 0.00 | 23.74 -0.25 0.00 | 23.18 -0.30 0.00 | 24.91 -0.33 -0.27 | 32.55 -0.39 -3.99 | 24.61 -0.33 -0.17 | 25.55 -0.28 0.00 | 27.88 -0.30 0.00 | 30.28 -0.36 0.00 | 28.53 -0.37 0.00 | 36.78 -0.56 0.00 | 41.60 -0.62 -1.18 | 40.51 -0.66 -1.41 | 42.81 -0.63 -3.72 | 47.54 -0.63 -6.30 | 39.67 -0.56 -3.42 | 40.34 -0.60 -1.39 | 29.02 -0.47 -0.05 | 25.41 -0.37 0.00 | 26.28 -0.31 0.00 |
| BROOKHAVEN__DRP 24191 | 24.76 2.30 0.00 | 21.76 1.82 0.00 | 20.99 1.66 0.00 | 19.96 1.57 0.00 | 19.24 1.52 0.00 | 25.91 1.92 0.00 | 25.86 2.38 0.00 | 27.63 2.65 0.00 | 32.09 3.15 0.00 | 27.61 2.84 0.00 | 39.29 2.97 -10.49 | 31.36 3.17 0.00 | 35.90 3.57 -1.69 | 60.40 3.52 -27.97 | 53.00 4.62 -11.04 | 57.95 5.00 -11.91 | 52.98 4.56 -8.66 | 44.16 4.35 -0.10 | 46.47 4.59 0.00 | 40.76 3.95 0.00 | 43.83 4.04 -0.25 | 38.99 3.42 -6.13 | 29.70 3.25 -0.67 | 30.22 3.26 -0.38 |
| BROOKLYN_NAVY_YARD 23515 | 23.69 1.22 0.00 | 20.90 0.96 0.00 | 20.19 0.86 0.00 | 19.27 0.88 0.00 | 18.53 0.82 0.00 | 24.96 0.97 0.00 | 24.83 1.35 0.00 | 26.62 1.65 0.00 | 30.85 1.91 0.00 | 26.50 1.73 0.00 | 38.27 1.85 -10.58 | 30.16 1.97 0.00 | 32.90 2.25 0.00 | 31.16 2.26 0.00 | 40.29 2.95 0.00 | 44.43 3.39 0.00 | 42.81 3.05 0.00 | 42.72 3.01 0.00 | 44.89 3.02 0.00 | 39.40 2.59 0.00 | 42.51 2.72 -0.25 | 32.20 2.10 -0.66 | 27.70 1.92 0.00 | 28.36 1.78 0.00 |

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| BROOKLYN___ARMY_DRP 323595 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 24.14 1.68 0.00 | 21.30 1.35 0.00 | 20.60 1.27 0.00 | 19.62 1.22 0.00 | 18.89 1.17 0.00 | 25.40 1.41 0.00 | 25.28 1.80 0.00 | 27.04 2.07 0.00 | 31.38 2.44 0.00 | 26.93 2.16 0.00 | 38.73 2.41 -10.49 | 30.77 2.59 0.00 | 35.29 2.95 -1.69 | 59.73 2.86 -27.97 | 52.08 3.70 -11.04 | 57.16 4.21 -11.90 | 52.24 3.82 -8.66 | 43.44 3.63 -0.10 | 45.61 3.74 0.00 | 40.01 3.20 0.00 | 43.11 3.31 -0.25 | 38.19 2.62 -6.13 | 28.85 2.39 -0.67 | 29.33 2.36 -0.38 |
| BROOME_2_LFGE 323671 | 22.61 0.15 0.00 | 20.05 0.11 0.00 | 19.52 0.19 0.00 | 18.53 0.14 0.00 | 17.87 0.15 0.00 | 24.24 0.25 0.00 | 23.79 0.30 0.00 | 25.43 0.41 -0.06 | 30.28 0.47 -0.86 | 25.22 0.41 -0.04 | 26.30 0.47 0.00 | 28.70 0.52 0.00 | 31.16 0.51 0.00 | 29.36 0.46 0.00 | 37.86 0.52 0.00 | 41.86 0.57 -0.25 | 40.47 0.41 -0.30 | 40.97 0.46 -0.80 | 43.67 0.44 -1.35 | 37.86 0.32 -0.73 | 40.28 0.36 -0.37 | 29.89 0.24 -0.21 | 26.07 0.29 0.00 | 27.00 0.41 0.00 |
| BROOME___LFGE 323600 | 22.61 0.15 0.00 | 20.05 0.11 0.00 | 19.52 0.19 0.00 | 18.53 0.14 0.00 | 17.87 0.15 0.00 | 24.24 0.25 0.00 | 23.79 0.30 0.00 | 25.43 0.41 -0.06 | 30.28 0.47 -0.86 | 25.22 0.41 -0.04 | 26.30 0.47 0.00 | 28.70 0.52 0.00 | 31.16 0.51 0.00 | 29.36 0.46 0.00 | 37.86 0.52 0.00 | 41.86 0.57 -0.25 | 40.47 0.41 -0.30 | 40.97 0.46 -0.80 | 43.67 0.44 -1.35 | 37.86 0.32 -0.73 | 40.28 0.36 -0.37 | 29.89 0.24 -0.21 | 26.07 0.29 0.00 | 27.00 0.41 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 21.89 -0.57 0.00 | 19.41 -0.53 0.00 | 18.75 -0.58 0.00 | 17.87 -0.52 0.00 | 17.26 -0.46 0.00 | 23.40 -0.58 0.00 | 22.91 -0.58 0.00 | 24.48 -0.53 -0.04 | 28.99 -0.55 -0.60 | 24.34 -0.45 -0.03 | 25.44 -0.39 0.00 | 27.80 -0.38 0.00 | 30.13 -0.52 0.00 | 28.22 -0.68 0.00 | 36.36 -0.98 0.00 | 40.00 -1.22 -0.18 | 39.13 -0.89 -0.27 | 39.27 -1.16 -0.71 | 42.16 -0.92 -1.20 | 36.83 -0.63 -0.65 | 39.26 -0.55 -0.27 | 28.98 -0.47 -0.02 | 25.22 -0.56 0.00 | 25.88 -0.71 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 23.98 1.52 0.00 | 21.14 1.20 0.00 | 20.45 1.12 0.00 | 19.51 1.12 0.00 | 18.76 1.04 0.00 | 25.27 1.28 0.00 | 25.14 1.66 0.00 | 26.96 1.99 0.00 | 31.26 2.32 0.00 | 26.84 2.08 0.00 | 38.67 2.26 -10.58 | 30.61 2.42 0.00 | 33.40 2.75 0.00 | 31.61 2.71 0.00 | 40.88 3.54 0.00 | 45.08 4.03 0.00 | 43.43 3.67 0.00 | 43.31 3.60 0.00 | 45.54 3.66 0.00 | 39.95 3.14 0.00 | 43.10 3.31 -0.25 | 32.63 2.53 -0.66 | 28.08 2.29 0.00 | 28.75 2.16 0.00 |
| BURROWS___LYONSDAL 23803 | 22.59 0.13 0.00 | 20.05 0.11 0.00 | 19.43 0.10 0.00 | 18.52 0.13 0.00 | 17.88 0.16 0.00 | 24.15 0.17 0.00 | 23.69 0.21 0.00 | 25.33 0.32 -0.04 | 29.95 0.44 -0.56 | 25.24 0.44 -0.02 | 26.46 0.63 0.00 | 28.93 0.75 0.00 | 31.42 0.77 0.00 | 29.42 0.52 0.00 | 37.83 0.49 0.00 | 41.61 0.41 -0.16 | 40.59 0.60 -0.24 | 40.71 0.37 -0.63 | 43.56 0.62 -1.07 | 38.10 0.71 -0.58 | 40.69 0.90 -0.24 | 29.99 0.52 -0.03 | 26.16 0.37 0.00 | 26.83 0.25 0.00 |
| CAITHNESS_CC_1 323624 | 24.66 2.19 0.00 | 21.78 1.84 0.00 | 20.92 1.59 0.00 | 19.90 1.51 0.00 | 19.18 1.46 0.00 | 25.81 1.83 0.00 | 25.76 2.28 0.00 | 27.51 2.55 0.00 | 31.95 3.00 0.00 | 27.48 2.71 0.00 | 39.18 2.85 -10.50 | 31.22 3.04 0.00 | 35.75 3.42 -1.69 | 60.25 3.37 -27.97 | 52.80 4.42 -11.04 | 57.71 4.76 -11.91 | 52.76 4.34 -8.66 | 43.95 4.14 -0.10 | 46.23 4.36 0.00 | 40.55 3.74 0.00 | 43.62 3.82 -0.25 | 38.85 3.29 -6.13 | 29.52 3.06 -0.67 | 30.08 3.12 -0.38 |
| CALPINE BETH_PAGE_GT4 24209 | 24.26 1.80 0.00 | 21.39 1.45 0.00 | 20.68 1.35 0.00 | 19.68 1.29 0.00 | 18.95 1.23 0.00 | 25.47 1.48 0.00 | 25.37 1.89 0.00 | 27.12 2.16 0.00 | 31.45 2.51 0.00 | 26.89 2.12 0.00 | 38.63 2.30 -10.49 | 30.59 2.41 0.00 | 35.10 2.77 -1.69 | 59.58 2.71 -27.97 | 51.97 3.59 -11.04 | 56.93 3.99 -11.90 | 52.05 3.63 -8.66 | 43.21 3.40 -0.10 | 45.41 3.54 0.00 | 39.83 3.02 0.00 | 42.89 3.10 -0.25 | 38.15 2.59 -6.13 | 28.89 2.44 -0.67 | 29.34 2.37 -0.38 |
| CALPINE_BETH_PAGE_GT_4 323586 | 24.26 1.80 0.00 | 21.44 1.50 0.00 | 20.68 1.35 0.00 | 19.68 1.29 0.00 | 18.95 1.23 0.00 | 25.47 1.49 0.00 | 25.37 1.89 0.00 | 27.12 2.16 0.00 | 31.45 2.50 0.00 | 26.89 2.12 0.00 | 38.64 2.31 -10.50 | 30.59 2.41 0.00 | 35.10 2.77 -1.69 | 59.58 2.71 -27.97 | 51.97 3.59 -11.04 | 56.93 3.99 -11.90 | 52.05 3.64 -8.66 | 43.21 3.40 -0.10 | 45.41 3.54 0.00 | 39.83 3.03 0.00 | 42.89 3.10 -0.25 | 38.16 2.60 -6.13 | 28.87 2.42 -0.67 | 29.34 2.38 -0.38 |
| CALPINE_BP_GT1 23823 | 24.26 1.80 0.00 | 21.44 1.50 0.00 | 20.68 1.35 0.00 | 19.68 1.29 0.00 | 18.95 1.23 0.00 | 25.47 1.49 0.00 | 25.37 1.89 0.00 | 27.12 2.16 0.00 | 31.45 2.50 0.00 | 26.89 2.12 0.00 | 38.64 2.31 -10.50 | 30.59 2.41 0.00 | 35.10 2.77 -1.69 | 59.58 2.71 -27.97 | 51.97 3.59 -11.04 | 56.93 3.99 -11.90 | 52.05 3.64 -8.66 | 43.21 3.40 -0.10 | 45.41 3.54 0.00 | 39.83 3.03 0.00 | 42.89 3.10 -0.25 | 38.16 2.60 -6.13 | 28.87 2.42 -0.67 | 29.34 2.38 -0.38 |
| CALSPAN___DRP 24200 | 22.28 -0.18 0.00 | 19.97 0.03 0.00 | 19.43 0.10 0.00 | 18.39 0.00 0.00 | 17.69 -0.03 0.00 | 24.29 0.31 0.00 | 23.54 0.05 0.00 | 25.14 0.17 0.00 | 29.17 0.23 0.00 | 24.94 0.18 0.00 | 26.17 0.34 0.00 | 28.60 0.41 0.00 | 30.93 0.28 0.00 | 29.00 0.10 0.00 | 37.06 -0.28 0.00 | 40.45 -0.60 0.00 | 38.71 -1.05 0.00 | 38.97 -0.74 0.00 | 40.88 -0.99 0.00 | 35.64 -1.16 0.00 | 38.49 -1.09 -0.04 | 28.67 -0.88 -0.11 | 25.60 -0.18 0.00 | 26.86 0.28 0.00 |
| CALVERTON___SOLAR 323806 | 24.89 2.43 0.00 | 21.98 2.04 0.00 | 21.07 1.75 0.00 | 20.04 1.65 0.00 | 19.32 1.60 0.00 | 26.04 2.05 0.00 | 25.99 2.51 0.00 | 27.77 2.80 0.00 | 32.27 3.33 0.00 | 27.79 3.02 0.00 | 39.46 3.13 -10.50 | 31.54 3.35 0.00 | 36.09 3.76 -1.69 | 60.59 3.72 -27.97 | 53.25 4.87 -11.04 | 58.24 5.29 -11.91 | 53.26 4.84 -8.66 | 44.46 4.65 -0.10 | 46.78 4.90 0.00 | 41.03 4.22 0.00 | 44.12 4.33 -0.25 | 39.22 3.65 -6.13 | 29.83 3.37 -0.67 | 30.40 3.43 -0.38 |
| CANDIGU_WT_PWR 323617 | 22.18 -0.28 0.00 | 19.77 -0.17 0.00 | 19.35 0.02 0.00 | 18.33 -0.06 0.00 | 17.65 -0.06 0.00 | 24.13 0.14 0.00 | 23.63 0.15 0.00 | 25.29 0.28 -0.03 | 29.72 0.31 -0.47 | 25.10 0.31 -0.02 | 26.25 0.42 0.00 | 28.65 0.46 0.00 | 30.99 0.35 0.00 | 29.10 0.20 0.00 | 37.32 -0.02 0.00 | 41.01 -0.17 -0.14 | 39.39 -0.53 -0.16 | 39.77 -0.37 -0.43 | 42.17 -0.43 -0.73 | 36.63 -0.57 -0.39 | 39.14 -0.62 -0.21 | 29.02 -0.57 -0.14 | 25.65 -0.13 0.00 | 26.85 0.27 0.00 |
| CARR STREET_E_SYR 24060 | 22.31 -0.15 0.00 | 19.81 -0.13 0.00 | 19.24 -0.09 0.00 | 18.29 -0.10 0.00 | 17.63 -0.09 0.00 | 23.88 -0.11 0.00 | 23.35 -0.14 0.00 | 24.92 -0.13 -0.08 | 30.01 -0.14 -1.20 | 24.71 -0.11 -0.05 | 25.76 -0.07 0.00 | 28.06 -0.12 0.00 | 30.39 -0.25 0.00 | 28.63 -0.28 0.00 | 36.94 -0.40 0.00 | 40.93 -0.47 -0.35 | 39.64 -0.53 -0.42 | 40.36 -0.47 -1.12 | 43.28 -0.49 -1.89 | 37.36 -0.47 -1.03 | 39.47 -0.50 -0.43 | 29.07 -0.42 -0.06 | 25.51 -0.28 0.00 | 26.46 -0.13 0.00 |

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| CARTHAGE___PAPER 23857 | 22.47 0.01 0.00 | 19.93 -0.01 0.00 | 19.27 -0.06 0.00 | 18.39 0.00 0.00 | 17.80 0.08 0.00 | 24.07 0.08 0.00 | 23.62 0.14 0.00 | 25.35 0.30 -0.08 | 30.59 0.43 -1.22 | 25.25 0.43 -0.05 | 26.51 0.68 0.00 | 28.99 0.81 0.00 | 31.33 0.68 0.00 | 29.17 0.27 0.00 | 37.42 0.08 0.00 | 41.22 -0.18 -0.36 | 40.59 0.29 -0.54 | 40.96 -0.21 -1.45 | 44.75 0.41 -2.46 | 38.85 0.71 -1.34 | 40.99 0.90 -0.55 | 30.05 0.58 -0.03 | 26.14 0.35 0.00 | 26.75 0.17 0.00 |
| CASSADAGA_WT_PWR 323784 | 22.69 0.22 0.00 | 20.20 0.25 0.00 | 19.73 0.39 0.00 | 18.65 0.26 0.00 | 17.97 0.25 0.00 | 24.69 0.70 0.00 | 24.06 0.57 0.00 | 25.81 0.84 0.00 | 30.00 1.06 0.00 | 25.64 0.87 0.00 | 26.89 1.06 0.00 | 29.34 1.16 0.00 | 31.61 0.97 0.00 | 29.63 0.73 0.00 | 37.93 0.59 0.00 | 41.45 0.41 0.00 | 39.71 -0.05 0.00 | 40.01 0.30 0.00 | 41.96 0.09 0.00 | 36.60 -0.20 0.00 | 39.47 -0.12 -0.04 | 29.37 -0.18 -0.12 | 25.92 0.14 0.00 | 26.89 0.30 0.00 |
| CE_DUNWOOD___DRP 24194 | 23.66 1.19 0.00 | 20.88 0.94 0.00 | 20.21 0.88 0.00 | 19.27 0.88 0.00 | 18.54 0.82 0.00 | 24.98 0.99 0.00 | 24.80 1.32 0.00 | 26.56 1.59 0.00 | 30.79 1.85 0.00 | 26.41 1.65 0.00 | 38.84 1.76 -11.24 | 30.08 1.90 0.00 | 32.82 2.18 0.00 | 31.05 2.15 0.00 | 40.17 2.83 0.00 | 44.28 3.24 0.00 | 42.72 2.96 0.00 | 42.64 2.93 0.00 | 44.86 2.98 0.00 | 39.36 2.56 0.00 | 42.47 2.67 -0.25 | 32.14 2.04 -0.66 | 27.62 1.83 0.00 | 28.30 1.71 0.00 |
| CE_MILLWOOD___DRP 24193 | 23.60 1.14 0.00 | 20.84 0.89 0.00 | 20.17 0.84 0.00 | 19.23 0.84 0.00 | 18.51 0.79 0.00 | 24.93 0.95 0.00 | 24.75 1.27 0.00 | 26.50 1.53 0.00 | 30.71 1.77 0.00 | 26.35 1.58 0.00 | 39.26 1.69 -11.74 | 30.00 1.82 0.00 | 32.74 2.10 0.00 | 30.98 2.08 0.00 | 40.06 2.72 0.00 | 44.16 3.12 0.00 | 42.61 2.85 0.00 | 42.55 2.84 0.00 | 44.76 2.89 0.00 | 39.29 2.48 0.00 | 42.39 2.60 -0.25 | 32.07 1.98 -0.66 | 27.55 1.77 0.00 | 28.23 1.65 0.00 |
| CE_NYC2_DRP 24202 | 23.77 1.31 0.00 | 20.96 1.02 0.00 | 20.28 0.95 0.00 | 19.34 0.95 0.00 | 18.61 0.90 0.00 | 25.07 1.08 0.00 | 24.95 1.47 0.00 | 26.74 1.77 0.00 | 30.99 2.04 0.00 | 26.62 1.85 0.00 | 38.42 2.01 -10.58 | 30.32 2.14 0.00 | 33.07 2.43 0.00 | 31.32 2.42 0.00 | 40.47 3.14 0.00 | 44.62 3.58 0.00 | 42.94 3.19 0.00 | 42.86 3.15 0.00 | 45.05 3.17 0.00 | 39.53 2.72 0.00 | 42.64 2.84 -0.25 | 32.31 2.21 -0.66 | 27.79 2.01 0.00 | 28.46 1.88 0.00 |
| CE_NYC_DRP 24195 | 23.74 1.28 0.00 | 20.94 1.00 0.00 | 20.27 0.93 0.00 | 19.34 0.95 0.00 | 18.60 0.88 0.00 | 25.03 1.04 0.00 | 24.90 1.42 0.00 | 26.69 1.72 0.00 | 30.94 2.00 0.00 | 26.58 1.81 0.00 | 38.37 1.96 -10.58 | 30.28 2.10 0.00 | 33.03 2.39 0.00 | 31.26 2.36 0.00 | 40.43 3.08 0.00 | 44.58 3.54 0.00 | 42.95 3.19 0.00 | 42.85 3.14 0.00 | 45.03 3.16 0.00 | 39.51 2.70 0.00 | 42.63 2.84 -0.25 | 32.28 2.18 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| CHAFFEE___LFGE 323603 | 22.31 -0.15 0.00 | 19.92 -0.02 0.00 | 19.43 0.10 0.00 | 18.39 0.00 0.00 | 17.70 -0.02 0.00 | 24.28 0.30 0.00 | 23.57 0.08 0.00 | 25.18 0.21 0.00 | 29.22 0.27 0.00 | 24.99 0.22 0.00 | 26.19 0.35 0.00 | 28.64 0.45 0.00 | 30.97 0.33 0.00 | 29.06 0.16 0.00 | 37.16 -0.18 0.00 | 40.58 -0.46 0.00 | 38.88 -0.88 0.00 | 39.16 -0.55 0.00 | 41.08 -0.80 0.00 | 35.81 -0.99 0.00 | 38.68 -0.91 -0.04 | 28.80 -0.75 -0.11 | 25.71 -0.07 0.00 | 26.93 0.34 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 22.51 0.04 0.00 | 19.96 0.01 0.00 | 19.30 -0.03 0.00 | 18.34 -0.05 0.00 | 17.69 -0.03 0.00 | 24.08 0.09 0.00 | 23.53 0.05 0.00 | 25.08 0.11 0.00 | 29.09 0.14 0.00 | 24.90 0.13 0.00 | 25.89 0.06 0.00 | 28.19 0.01 0.00 | 30.59 -0.06 0.00 | 28.86 -0.05 0.00 | 37.36 0.02 0.00 | 41.15 0.11 0.00 | 39.94 0.18 0.00 | 39.40 -0.31 0.00 | 41.59 -0.29 0.00 | 36.52 -0.29 0.00 | 39.36 -0.18 0.00 | 29.33 -0.11 0.00 | 25.55 -0.24 0.00 | 26.24 -0.34 0.00 |
| CHATEAUG_WT_PWR 323614 | 22.51 0.05 0.00 | 19.97 0.03 0.00 | 19.32 -0.01 0.00 | 18.37 -0.03 0.00 | 17.71 -0.01 0.00 | 24.10 0.12 0.00 | 23.58 0.10 0.00 | 25.13 0.16 0.00 | 29.11 0.17 0.00 | 24.94 0.17 0.00 | 25.92 0.09 0.00 | 28.24 0.06 0.00 | 30.65 0.01 0.00 | 28.92 0.02 0.00 | 37.43 0.09 0.00 | 41.28 0.23 0.00 | 40.02 0.26 0.00 | 39.46 -0.25 0.00 | 41.65 -0.23 0.00 | 36.54 -0.26 0.00 | 39.38 -0.16 0.00 | 29.32 -0.11 0.00 | 25.55 -0.23 0.00 | 26.24 -0.35 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 22.51 0.04 0.00 | 19.96 0.02 0.00 | 19.30 -0.03 0.00 | 18.34 -0.05 0.00 | 17.69 -0.03 0.00 | 24.08 0.09 0.00 | 23.53 0.05 0.00 | 25.09 0.11 0.00 | 29.09 0.14 0.00 | 24.90 0.13 0.00 | 25.89 0.06 0.00 | 28.19 0.01 0.00 | 30.59 -0.06 0.00 | 28.86 -0.05 0.00 | 37.36 0.02 0.00 | 41.15 0.11 0.00 | 39.94 0.18 0.00 | 39.40 -0.31 0.00 | 41.59 -0.29 0.00 | 36.52 -0.29 0.00 | 39.36 -0.18 0.00 | 29.33 -0.10 0.00 | 25.54 -0.25 0.00 | 26.25 -0.34 0.00 |
| CHAUTAUQUA___LFGE 323629 | 22.53 0.07 0.00 | 20.07 0.13 0.00 | 19.61 0.29 0.00 | 18.54 0.15 0.00 | 17.87 0.15 0.00 | 24.53 0.55 0.00 | 23.87 0.39 0.00 | 25.56 0.58 0.00 | 29.67 0.73 0.00 | 25.34 0.57 0.00 | 26.54 0.71 0.00 | 28.99 0.81 0.00 | 31.32 0.67 0.00 | 29.35 0.45 0.00 | 37.58 0.24 0.00 | 41.08 0.04 0.00 | 39.37 -0.39 0.00 | 39.66 -0.06 0.00 | 41.61 -0.27 0.00 | 36.28 -0.53 0.00 | 39.14 -0.45 -0.04 | 29.15 -0.40 -0.11 | 25.84 0.05 0.00 | 26.97 0.38 0.00 |
| CHERRYST_13_KV_LD 356241 | 23.80 1.34 0.00 | 21.00 1.06 0.00 | 20.32 0.99 0.00 | 19.40 1.01 0.00 | 18.66 0.94 0.00 | 25.11 1.13 0.00 | 24.98 1.50 0.00 | 26.80 1.83 0.00 | 31.07 2.12 0.00 | 26.69 1.92 0.00 | 38.50 2.09 -10.58 | 30.42 2.24 0.00 | 33.19 2.55 0.00 | 31.41 2.51 0.00 | 40.62 3.28 0.00 | 44.79 3.75 0.00 | 43.15 3.39 0.00 | 43.04 3.33 0.00 | 45.21 3.34 0.00 | 39.66 2.85 0.00 | 42.76 2.97 -0.25 | 32.39 2.29 -0.66 | 27.85 2.07 0.00 | 28.52 1.94 0.00 |
| CHESTROR_138KV_BK263 355645 | 23.38 0.92 0.00 | 20.65 0.71 0.00 | 19.99 0.66 0.00 | 19.06 0.67 0.00 | 18.34 0.62 0.00 | 24.74 0.76 0.00 | 24.51 1.03 0.00 | 26.22 1.25 0.00 | 30.39 1.44 0.00 | 26.04 1.27 0.00 | 18.09 1.34 9.09 | 29.62 1.44 0.00 | 32.30 1.66 0.00 | 30.57 1.67 0.00 | 39.54 2.19 0.00 | 43.57 2.53 0.00 | 42.10 2.35 0.00 | 42.07 2.36 0.00 | 44.28 2.40 0.00 | 38.88 2.08 0.00 | 41.94 2.17 -0.23 | 31.68 1.64 -0.60 | 27.24 1.46 0.00 | 27.93 1.35 0.00 |
| CH_MIDHUDSON___DRP 24192 | 23.62 1.16 0.00 | 20.88 0.94 0.00 | 20.22 0.89 0.00 | 19.27 0.88 0.00 | 18.55 0.83 0.00 | 24.98 0.99 0.00 | 24.76 1.28 0.00 | 26.47 1.50 0.00 | 30.67 1.72 0.00 | 26.30 1.53 0.00 | 29.74 1.62 -2.29 | 29.94 1.75 0.00 | 32.66 2.02 0.00 | 30.92 2.02 0.00 | 40.02 2.68 0.00 | 44.11 3.07 0.00 | 42.63 2.87 0.00 | 42.60 2.89 0.00 | 44.86 2.99 0.00 | 39.39 2.58 0.00 | 42.48 2.68 -0.26 | 32.12 2.00 -0.68 | 27.53 1.75 0.00 | 28.21 1.63 0.00 |
| CH_MISC_IPPS 23765 | 23.74 1.28 0.00 | 20.99 1.05 0.00 | 20.31 0.98 0.00 | 19.35 0.96 0.00 | 18.62 0.90 0.00 | 25.10 1.11 0.00 | 24.89 1.41 0.00 | 26.62 1.65 0.00 | 30.86 1.92 0.00 | 26.47 1.70 0.00 | 27.63 1.80 0.00 | 30.13 1.95 0.00 | 32.89 2.25 0.00 | 31.14 2.25 0.00 | 40.32 2.98 0.00 | 44.47 3.43 0.00 | 42.99 3.23 0.00 | 42.96 3.24 0.00 | 45.22 3.34 0.00 | 39.68 2.88 0.00 | 42.79 2.99 -0.25 | 32.32 2.22 -0.66 | 27.73 1.94 0.00 | 28.40 1.81 0.00 |

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| CH_RES_BVR_FALLS 23983 | 22.31 -0.15 0.00 | 19.80 -0.15 0.00 | 19.16 -0.17 0.00 | 18.23 -0.17 0.00 | 17.56 -0.16 0.00 | 23.82 -0.17 0.00 | 23.26 -0.22 0.00 | 24.73 -0.24 0.00 | 28.68 -0.26 0.00 | 24.53 -0.24 0.00 | 25.56 -0.27 0.00 | 27.89 -0.30 0.00 | 30.30 -0.34 0.00 | 28.57 -0.33 0.00 | 36.95 -0.39 0.00 | 40.59 -0.45 0.00 | 39.42 -0.34 0.00 | 39.27 -0.44 0.00 | 41.41 -0.46 0.00 | 36.40 -0.41 0.00 | 39.14 -0.40 0.00 | 29.16 -0.27 0.00 | 25.50 -0.29 0.00 | 26.27 -0.32 0.00 |
| CH_RES_NIAGARA 23895 | 21.75 -0.71 0.00 | 19.50 -0.45 0.00 | 19.02 -0.31 0.00 | 18.01 -0.38 0.00 | 17.31 -0.41 0.00 | 23.76 -0.23 0.00 | 22.92 -0.56 0.00 | 24.42 -0.56 0.00 | 28.32 -0.63 0.00 | 24.17 -0.60 0.00 | 25.34 -0.49 0.00 | 27.63 -0.55 0.00 | 29.78 -0.87 0.00 | 27.86 -1.03 0.00 | 35.47 -1.86 0.00 | 38.69 -2.35 0.00 | 37.03 -2.73 0.00 | 37.35 -2.36 0.00 | 39.18 -2.69 0.00 | 34.19 -2.61 0.00 | 36.95 -2.64 -0.04 | 27.56 -1.98 -0.10 | 24.79 -0.99 0.00 | 26.07 -0.51 0.00 |
| CH_RES_SYRACUSE 23985 | 22.43 -0.03 0.00 | 19.93 -0.01 0.00 | 19.36 0.03 0.00 | 18.41 0.02 0.00 | 17.75 0.03 0.00 | 24.02 0.03 0.00 | 23.49 0.01 0.00 | 25.14 0.03 -0.15 | 31.19 0.05 -2.20 | 24.90 0.03 -0.10 | 25.96 0.13 0.00 | 28.33 0.15 0.00 | 30.76 0.12 0.00 | 28.98 0.08 0.00 | 37.39 0.05 0.00 | 41.71 0.02 -0.65 | 40.48 -0.06 -0.77 | 41.73 -0.03 -2.05 | 45.32 -0.02 -3.46 | 38.62 -0.07 -1.88 | 40.26 -0.06 -0.78 | 29.40 -0.11 -0.07 | 25.75 -0.03 0.00 | 26.61 0.03 0.00 |
| CLINTON_WT_PWR 323605 | 22.51 0.05 0.00 | 19.97 0.03 0.00 | 19.32 -0.01 0.00 | 18.37 -0.03 0.00 | 17.71 -0.01 0.00 | 24.10 0.12 0.00 | 23.58 0.10 0.00 | 25.13 0.16 0.00 | 29.11 0.17 0.00 | 24.94 0.17 0.00 | 25.92 0.09 0.00 | 28.24 0.06 0.00 | 30.65 0.01 0.00 | 28.92 0.02 0.00 | 37.43 0.09 0.00 | 41.28 0.23 0.00 | 40.02 0.26 0.00 | 39.46 -0.25 0.00 | 41.65 -0.23 0.00 | 36.54 -0.26 0.00 | 39.38 -0.16 0.00 | 29.32 -0.11 0.00 | 25.55 -0.23 0.00 | 26.24 -0.35 0.00 |
| CLINTON___LFGE 323618 | 22.77 0.31 0.00 | 20.19 0.25 0.00 | 19.52 0.19 0.00 | 18.56 0.17 0.00 | 17.91 0.19 0.00 | 24.36 0.38 0.00 | 23.89 0.41 0.00 | 25.47 0.50 0.00 | 29.48 0.53 0.00 | 25.28 0.52 0.00 | 26.28 0.44 0.00 | 28.56 0.37 0.00 | 31.00 0.36 0.00 | 29.29 0.38 0.00 | 37.89 0.55 0.00 | 41.92 0.88 0.00 | 40.66 0.91 0.00 | 40.04 0.33 0.00 | 42.27 0.40 0.00 | 37.07 0.26 0.00 | 39.92 0.38 0.00 | 29.70 0.26 0.00 | 25.87 0.09 0.00 | 26.58 0.00 0.00 |
| COBBLENY_34_KV_TB1 80064 | 22.32 -0.15 0.00 | 19.98 0.04 0.00 | 19.43 0.10 0.00 | 18.39 -0.01 0.00 | 17.70 -0.02 0.00 | 24.30 0.31 0.00 | 23.57 0.08 0.00 | 25.18 0.21 0.00 | 29.21 0.26 0.00 | 24.99 0.22 0.00 | 26.19 0.36 0.00 | 28.64 0.45 0.00 | 30.97 0.32 0.00 | 29.05 0.15 0.00 | 37.16 -0.18 0.00 | 40.58 -0.46 0.00 | 38.88 -0.88 0.00 | 39.16 -0.56 0.00 | 41.07 -0.80 0.00 | 35.81 -0.99 0.00 | 38.69 -0.90 -0.04 | 28.80 -0.75 -0.11 | 25.69 -0.10 0.00 | 26.93 0.34 0.00 |
| COFFEEN___115KV_TB3 355620 | 22.64 0.18 0.00 | 20.11 0.17 0.00 | 19.44 0.11 0.00 | 18.55 0.16 0.00 | 17.96 0.24 0.00 | 24.27 0.29 0.00 | 24.01 0.53 0.00 | 25.97 0.91 -0.10 | 31.55 1.17 -1.44 | 25.90 1.07 -0.06 | 27.19 1.36 0.00 | 29.76 1.57 0.00 | 32.09 1.44 0.00 | 29.73 0.83 0.00 | 38.13 0.79 0.00 | 41.68 0.21 -0.42 | 41.07 0.66 -0.66 | 41.39 -0.09 -1.77 | 45.69 0.83 -2.99 | 39.59 1.16 -1.62 | 41.57 1.36 -0.66 | 30.44 0.96 -0.04 | 26.42 0.64 0.00 | 27.06 0.47 0.00 |
| COLDSPRG_115KV_BK1 355956 | 22.80 0.33 0.00 | 20.34 0.40 0.00 | 19.80 0.47 0.00 | 18.75 0.36 0.00 | 18.06 0.34 0.00 | 24.82 0.83 0.00 | 24.20 0.72 0.00 | 25.99 1.02 0.00 | 30.18 1.23 0.00 | 25.86 1.09 0.00 | 27.08 1.25 0.00 | 29.47 1.29 0.00 | 31.75 1.11 0.00 | 29.78 0.88 0.00 | 38.14 0.80 0.00 | 41.73 0.69 0.00 | 39.96 0.21 0.00 | 40.17 0.46 0.00 | 42.12 0.24 0.00 | 36.75 -0.06 0.00 | 39.70 0.11 -0.05 | 29.58 0.03 -0.12 | 26.17 0.38 0.00 | 27.29 0.71 0.00 |
| COLONIE_LFGE___ 323577 | 23.32 0.86 0.00 | 20.77 0.83 0.00 | 20.13 0.80 0.00 | 19.18 0.79 0.00 | 18.45 0.73 0.00 | 24.85 0.87 0.00 | 24.52 1.04 0.00 | 25.98 1.02 0.00 | 30.02 1.07 0.00 | 25.68 0.91 0.00 | 29.24 0.87 -2.54 | 29.13 0.95 0.00 | 31.72 1.08 0.00 | 29.98 1.08 0.00 | 38.79 1.45 0.00 | 42.72 1.68 0.00 | 41.48 1.72 0.00 | 41.47 1.76 0.00 | 43.88 2.00 0.00 | 38.69 1.88 0.00 | 41.78 1.91 -0.32 | 31.68 1.39 -0.85 | 26.95 1.17 0.00 | 27.67 1.08 0.00 |
| COOPERNY_115KV_TB1 80082 | 23.12 0.66 0.00 | 20.45 0.50 0.00 | 19.81 0.48 0.00 | 18.88 0.48 0.00 | 18.17 0.45 0.00 | 24.54 0.55 0.00 | 24.24 0.75 0.00 | 25.89 0.92 0.00 | 30.02 1.07 0.00 | 25.71 0.95 0.00 | 23.44 1.01 3.40 | 29.27 1.09 0.00 | 31.90 1.26 0.00 | 30.14 1.25 0.00 | 38.97 1.63 0.00 | 42.92 1.88 0.00 | 41.48 1.72 0.00 | 41.45 1.73 0.00 | 43.64 1.76 0.00 | 38.32 1.51 0.00 | 41.31 1.59 -0.17 | 31.10 1.21 -0.45 | 26.86 1.07 0.00 | 27.58 0.99 0.00 |
| COPENHAGEN_WT_PWR 323753 | 22.39 -0.08 0.00 | 19.89 -0.05 0.00 | 19.22 -0.11 0.00 | 18.36 -0.03 0.00 | 17.79 0.07 0.00 | 24.04 0.05 0.00 | 23.53 0.05 0.00 | 25.30 0.22 -0.11 | 30.96 0.37 -1.65 | 25.25 0.41 -0.07 | 26.49 0.66 0.00 | 28.96 0.78 0.00 | 31.30 0.66 0.00 | 29.05 0.15 0.00 | 37.27 -0.07 0.00 | 41.07 -0.45 -0.48 | 40.42 -0.03 -0.69 | 41.12 -0.44 -1.85 | 45.28 0.28 -3.13 | 39.13 0.62 -1.70 | 40.96 0.73 -0.69 | 30.00 0.53 -0.04 | 26.08 0.30 0.00 | 26.71 0.13 0.00 |
| CORNELL_____ 23752 | 22.85 0.38 0.00 | 20.29 0.35 0.00 | 19.71 0.37 0.00 | 18.72 0.33 0.00 | 18.06 0.34 0.00 | 24.48 0.49 0.00 | 24.04 0.55 0.00 | 25.72 0.67 -0.08 | 30.95 0.79 -1.22 | 25.50 0.68 -0.05 | 26.59 0.76 0.00 | 28.99 0.80 0.00 | 31.49 0.85 0.00 | 29.70 0.80 0.00 | 38.27 0.94 0.00 | 42.39 0.99 -0.36 | 41.08 0.89 -0.43 | 41.77 0.92 -1.14 | 44.85 1.06 -1.92 | 38.75 0.90 -1.04 | 41.01 0.99 -0.47 | 30.24 0.65 -0.15 | 26.37 0.59 0.00 | 27.26 0.67 0.00 |
| CORONAAV_69_KV_TB1 355595 | 24.15 1.69 0.00 | 21.30 1.36 0.00 | 20.62 1.29 0.00 | 19.64 1.25 0.00 | 18.91 1.19 0.00 | 25.39 1.40 0.00 | 25.27 1.79 0.00 | 26.98 2.01 0.00 | 31.30 2.35 0.00 | 26.84 2.07 0.00 | 38.65 2.33 -10.49 | 30.69 2.50 0.00 | 35.18 2.85 -1.69 | 59.67 2.81 -27.97 | 52.08 3.70 -11.04 | 57.09 4.15 -11.90 | 52.24 3.82 -8.66 | 43.49 3.68 -0.10 | 45.67 3.80 0.00 | 40.06 3.25 0.00 | 43.16 3.37 -0.25 | 38.29 2.73 -6.13 | 28.97 2.51 -0.67 | 29.39 2.43 -0.38 |
| CORTLAND_115KV_TB3 80093 | 22.68 0.22 0.00 | 20.14 0.20 0.00 | 19.56 0.24 0.00 | 18.59 0.20 0.00 | 17.92 0.20 0.00 | 24.29 0.30 0.00 | 23.83 0.34 0.00 | 25.49 0.43 -0.08 | 30.72 0.51 -1.26 | 25.27 0.45 -0.06 | 26.35 0.52 0.00 | 28.74 0.55 0.00 | 31.22 0.57 0.00 | 29.41 0.51 0.00 | 37.92 0.58 0.00 | 42.05 0.64 -0.37 | 40.78 0.58 -0.45 | 41.48 0.59 -1.18 | 44.52 0.65 -1.99 | 38.44 0.55 -1.08 | 40.63 0.61 -0.48 | 29.94 0.38 -0.12 | 26.13 0.35 0.00 | 27.01 0.42 0.00 |
| COXSACKIE___GT 23611 | 24.00 1.54 0.00 | 21.35 1.41 0.00 | 20.64 1.31 0.00 | 19.64 1.25 0.00 | 18.93 1.21 0.00 | 25.61 1.62 0.00 | 25.29 1.81 0.00 | 26.86 1.90 0.00 | 31.02 2.07 0.00 | 26.37 1.60 0.00 | 29.02 1.32 -1.87 | 29.55 1.37 0.00 | 31.96 1.32 0.00 | 30.31 1.41 0.00 | 39.25 1.91 0.00 | 43.48 2.44 0.00 | 42.36 2.60 0.00 | 42.78 3.06 0.00 | 45.48 3.60 0.00 | 40.34 3.54 0.00 | 43.58 3.74 -0.30 | 32.86 2.63 -0.79 | 27.93 2.15 0.00 | 28.62 2.03 0.00 |

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| CPV_VALLEY___CC1 323721 | 23.19 0.73 0.00 | 20.51 0.57 0.00 | 19.85 0.52 0.00 | 18.92 0.53 0.00 | 18.21 0.49 0.00 | 24.56 0.57 0.00 | 24.31 0.83 0.00 | 26.00 1.03 0.00 | 30.13 1.19 0.00 | 25.83 1.06 0.00 | 21.50 1.13 5.46 | 29.39 1.21 0.00 | 32.06 1.41 0.00 | 30.32 1.42 0.00 | 39.20 1.86 0.00 | 43.20 2.16 0.00 | 41.73 1.97 0.00 | 41.68 1.97 0.00 | 43.88 2.01 0.00 | 38.53 1.73 0.00 | 41.56 1.81 -0.21 | 31.35 1.37 -0.55 | 27.00 1.21 0.00 | 27.69 1.11 0.00 |
| CPV_VALLEY___CC2 323722 | 23.19 0.73 0.00 | 20.51 0.57 0.00 | 19.85 0.52 0.00 | 18.92 0.53 0.00 | 18.21 0.49 0.00 | 24.56 0.57 0.00 | 24.31 0.83 0.00 | 26.00 1.03 0.00 | 30.13 1.19 0.00 | 25.83 1.06 0.00 | 21.50 1.13 5.46 | 29.39 1.21 0.00 | 32.06 1.41 0.00 | 30.32 1.42 0.00 | 39.20 1.86 0.00 | 43.20 2.16 0.00 | 41.73 1.97 0.00 | 41.68 1.97 0.00 | 43.88 2.01 0.00 | 38.53 1.73 0.00 | 41.56 1.81 -0.21 | 31.35 1.37 -0.55 | 27.00 1.21 0.00 | 27.69 1.11 0.00 |
| CRESCENT___HYD 24018 | 23.32 0.86 0.00 | 20.77 0.83 0.00 | 20.13 0.80 0.00 | 19.18 0.79 0.00 | 18.45 0.73 0.00 | 24.85 0.87 0.00 | 24.52 1.04 0.00 | 25.98 1.02 0.00 | 30.02 1.07 0.00 | 25.68 0.91 0.00 | 29.24 0.87 -2.54 | 29.13 0.95 0.00 | 31.72 1.08 0.00 | 29.98 1.08 0.00 | 38.79 1.45 0.00 | 42.72 1.68 0.00 | 41.48 1.72 0.00 | 41.47 1.76 0.00 | 43.88 2.00 0.00 | 38.69 1.88 0.00 | 41.78 1.91 -0.32 | 31.68 1.39 -0.85 | 26.95 1.17 0.00 | 27.67 1.08 0.00 |
| CRICKET___VALLEY_CC1 323756 | 23.38 0.92 0.00 | 20.71 0.77 0.00 | 20.04 0.71 0.00 | 19.10 0.71 0.00 | 18.38 0.66 0.00 | 24.72 0.73 0.00 | 24.48 1.00 0.00 | 26.11 1.14 0.00 | 30.21 1.27 0.00 | 25.91 1.15 0.00 | 31.79 1.18 -4.78 | 29.47 1.29 0.00 | 32.15 1.51 0.00 | 30.40 1.50 0.00 | 39.34 2.00 0.00 | 43.36 2.32 0.00 | 41.92 2.17 0.00 | 41.94 2.23 0.00 | 44.21 2.33 0.00 | 38.84 2.03 0.00 | 41.88 2.08 -0.27 | 31.70 1.55 -0.71 | 27.11 1.33 0.00 | 27.78 1.20 0.00 |
| CRICKET___VALLEY_CC2 323757 | 23.38 0.92 0.00 | 20.71 0.77 0.00 | 20.04 0.71 0.00 | 19.10 0.71 0.00 | 18.38 0.66 0.00 | 24.72 0.73 0.00 | 24.48 1.00 0.00 | 26.11 1.14 0.00 | 30.21 1.27 0.00 | 25.91 1.15 0.00 | 31.79 1.18 -4.78 | 29.47 1.29 0.00 | 32.15 1.51 0.00 | 30.40 1.50 0.00 | 39.34 2.00 0.00 | 43.36 2.32 0.00 | 41.92 2.17 0.00 | 41.94 2.23 0.00 | 44.21 2.33 0.00 | 38.84 2.03 0.00 | 41.88 2.08 -0.27 | 31.70 1.55 -0.71 | 27.11 1.33 0.00 | 27.78 1.20 0.00 |
| CRICKET___VALLEY_CC3 323758 | 23.38 0.92 0.00 | 20.71 0.77 0.00 | 20.04 0.71 0.00 | 19.10 0.71 0.00 | 18.38 0.66 0.00 | 24.72 0.73 0.00 | 24.48 1.00 0.00 | 26.11 1.14 0.00 | 30.21 1.27 0.00 | 25.91 1.15 0.00 | 31.79 1.18 -4.78 | 29.47 1.29 0.00 | 32.15 1.51 0.00 | 30.40 1.50 0.00 | 39.34 2.00 0.00 | 43.36 2.32 0.00 | 41.92 2.17 0.00 | 41.94 2.23 0.00 | 44.21 2.33 0.00 | 38.84 2.03 0.00 | 41.88 2.08 -0.27 | 31.70 1.55 -0.71 | 27.11 1.33 0.00 | 27.78 1.20 0.00 |
| CRUCIBLE_METL_DRP 24180 | 22.43 -0.03 0.00 | 19.95 0.01 0.00 | 19.36 0.03 0.00 | 18.41 0.02 0.00 | 17.75 0.03 0.00 | 24.02 0.04 0.00 | 23.49 0.01 0.00 | 25.14 0.03 -0.15 | 31.19 0.05 -2.20 | 24.90 0.03 -0.10 | 25.96 0.13 0.00 | 28.33 0.15 0.00 | 30.76 0.12 0.00 | 28.98 0.08 0.00 | 37.39 0.05 0.00 | 41.71 0.02 -0.65 | 40.48 -0.06 -0.77 | 41.72 -0.03 -2.05 | 45.32 -0.02 -3.46 | 38.62 -0.07 -1.88 | 40.26 -0.06 -0.78 | 29.40 -0.10 -0.07 | 25.74 -0.05 0.00 | 26.61 0.03 0.00 |
| DAHOWA___HYDRO 323763 | 23.56 1.10 0.00 | 20.92 0.98 0.00 | 20.23 0.90 0.00 | 19.26 0.87 0.00 | 18.54 0.82 0.00 | 25.03 1.04 0.00 | 24.71 1.23 0.00 | 26.25 1.29 0.00 | 30.30 1.35 0.00 | 25.86 1.09 0.00 | 29.32 1.04 -2.46 | 29.28 1.09 0.00 | 31.87 1.23 0.00 | 30.16 1.26 0.00 | 39.08 1.74 0.00 | 43.21 2.17 0.00 | 42.16 2.40 0.00 | 42.12 2.41 0.00 | 44.61 2.74 0.00 | 39.29 2.49 0.00 | 42.41 2.55 -0.32 | 32.12 1.82 -0.86 | 27.28 1.49 0.00 | 28.05 1.47 0.00 |
| DANC___LFGE 323619 | 22.31 -0.15 0.00 | 19.81 -0.13 0.00 | 19.17 -0.16 0.00 | 18.28 -0.11 0.00 | 17.68 -0.04 0.00 | 23.91 -0.07 0.00 | 23.37 -0.12 0.00 | 25.08 -0.05 -0.16 | 31.35 0.01 -2.39 | 24.94 0.06 -0.10 | 26.04 0.21 0.00 | 28.44 0.25 0.00 | 30.80 0.16 0.00 | 28.77 -0.13 0.00 | 36.98 -0.36 0.00 | 41.11 -0.64 -0.70 | 40.21 -0.42 -0.87 | 41.44 -0.58 -2.30 | 45.66 -0.11 -3.90 | 39.06 0.13 -2.12 | 40.59 0.18 -0.86 | 29.63 0.15 -0.04 | 25.82 0.04 0.00 | 26.55 -0.04 0.00 |
| DANSKAMMER___1 23586 | 23.74 1.28 0.00 | 20.99 1.05 0.00 | 20.31 0.98 0.00 | 19.35 0.96 0.00 | 18.62 0.90 0.00 | 25.10 1.11 0.00 | 24.89 1.41 0.00 | 26.62 1.65 0.00 | 30.86 1.92 0.00 | 26.47 1.70 0.00 | 27.63 1.80 0.00 | 30.13 1.95 0.00 | 32.89 2.25 0.00 | 31.14 2.25 0.00 | 40.32 2.98 0.00 | 44.47 3.43 0.00 | 42.99 3.23 0.00 | 42.96 3.24 0.00 | 45.22 3.34 0.00 | 39.68 2.88 0.00 | 42.79 2.99 -0.25 | 32.32 2.22 -0.66 | 27.73 1.94 0.00 | 28.40 1.81 0.00 |
| DANSKAMMER___2 23589 | 23.74 1.28 0.00 | 20.99 1.05 0.00 | 20.31 0.98 0.00 | 19.35 0.96 0.00 | 18.62 0.90 0.00 | 25.10 1.11 0.00 | 24.89 1.41 0.00 | 26.62 1.65 0.00 | 30.86 1.92 0.00 | 26.47 1.70 0.00 | 27.63 1.80 0.00 | 30.13 1.95 0.00 | 32.89 2.25 0.00 | 31.14 2.25 0.00 | 40.32 2.98 0.00 | 44.47 3.43 0.00 | 42.99 3.23 0.00 | 42.96 3.24 0.00 | 45.22 3.34 0.00 | 39.68 2.88 0.00 | 42.79 2.99 -0.25 | 32.32 2.22 -0.66 | 27.73 1.94 0.00 | 28.40 1.81 0.00 |
| DANSKAMMER___3 23590 | 23.74 1.28 0.00 | 20.99 1.05 0.00 | 20.31 0.98 0.00 | 19.35 0.96 0.00 | 18.62 0.90 0.00 | 25.10 1.11 0.00 | 24.89 1.41 0.00 | 26.62 1.65 0.00 | 30.86 1.92 0.00 | 26.47 1.70 0.00 | 27.63 1.80 0.00 | 30.13 1.95 0.00 | 32.89 2.25 0.00 | 31.14 2.25 0.00 | 40.32 2.98 0.00 | 44.47 3.43 0.00 | 42.99 3.23 0.00 | 42.96 3.24 0.00 | 45.22 3.34 0.00 | 39.68 2.88 0.00 | 42.79 2.99 -0.25 | 32.32 2.22 -0.66 | 27.73 1.94 0.00 | 28.40 1.81 0.00 |
| DANSKAMMER___4 23591 | 23.74 1.28 0.00 | 20.99 1.05 0.00 | 20.31 0.98 0.00 | 19.35 0.96 0.00 | 18.62 0.90 0.00 | 25.10 1.11 0.00 | 24.89 1.41 0.00 | 26.62 1.65 0.00 | 30.86 1.92 0.00 | 26.47 1.70 0.00 | 27.63 1.80 0.00 | 30.13 1.95 0.00 | 32.89 2.25 0.00 | 31.14 2.25 0.00 | 40.32 2.98 0.00 | 44.47 3.43 0.00 | 42.99 3.23 0.00 | 42.96 3.24 0.00 | 45.22 3.34 0.00 | 39.68 2.88 0.00 | 42.79 2.99 -0.25 | 32.32 2.22 -0.66 | 27.73 1.94 0.00 | 28.40 1.81 0.00 |
| DANSKAMMER___DIESEL 23592 | 23.74 1.28 0.00 | 20.97 1.03 0.00 | 20.31 0.98 0.00 | 19.35 0.96 0.00 | 18.62 0.90 0.00 | 25.10 1.11 0.00 | 24.89 1.41 0.00 | 26.62 1.65 0.00 | 30.87 1.92 0.00 | 26.48 1.71 0.00 | 27.63 1.80 0.00 | 30.13 1.95 0.00 | 32.89 2.25 0.00 | 31.14 2.24 0.00 | 40.32 2.98 0.00 | 44.47 3.43 0.00 | 42.99 3.23 0.00 | 42.96 3.24 0.00 | 45.22 3.34 0.00 | 39.68 2.88 0.00 | 42.79 2.99 -0.25 | 32.32 2.22 -0.66 | 27.73 1.94 0.00 | 28.40 1.81 0.00 |
| DARBY___SOLAR 323810 | 23.51 1.05 0.00 | 20.88 0.94 0.00 | 20.20 0.87 0.00 | 19.24 0.85 0.00 | 18.51 0.79 0.00 | 24.98 0.99 0.00 | 24.67 1.19 0.00 | 26.20 1.23 0.00 | 30.24 1.29 0.00 | 25.82 1.05 0.00 | 29.28 0.98 -2.47 | 29.22 1.04 0.00 | 31.81 1.17 0.00 | 30.09 1.19 0.00 | 38.99 1.65 0.00 | 43.09 2.04 0.00 | 42.00 2.24 0.00 | 41.99 2.28 0.00 | 44.47 2.59 0.00 | 39.16 2.35 0.00 | 42.28 2.41 -0.32 | 32.03 1.74 -0.86 | 27.21 1.42 0.00 | 27.97 1.39 0.00 |

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| DASHVILLE___HYD 23610 | 23.48 1.02 0.00 | 20.75 0.81 0.00 | 20.14 0.81 0.00 | 19.20 0.81 0.00 | 18.46 0.75 0.00 | 24.83 0.84 0.00 | 24.61 1.13 0.00 | 26.35 1.38 0.00 | 30.56 1.62 0.00 | 26.22 1.45 0.00 | 27.40 1.57 0.00 | 29.90 1.72 0.00 | 32.63 1.98 0.00 | 30.88 1.98 0.00 | 39.98 2.64 0.00 | 44.08 3.04 0.00 | 42.57 2.82 0.00 | 42.48 2.77 0.00 | 44.70 2.82 0.00 | 39.22 2.42 0.00 | 42.32 2.52 -0.26 | 32.01 1.89 -0.69 | 27.45 1.67 0.00 | 28.11 1.53 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 25.51 3.05 0.00 | 22.37 2.43 0.00 | 21.51 2.17 0.00 | 20.45 2.05 0.00 | 19.71 2.00 0.00 | 26.69 2.70 0.00 | 26.67 3.19 0.00 | 28.52 3.55 0.00 | 33.24 4.30 0.00 | 28.68 3.91 0.00 | 40.30 3.97 -10.49 | 32.50 4.32 0.00 | 37.14 4.81 -1.69 | 61.57 4.70 -27.97 | 54.51 6.12 -11.04 | 59.66 6.71 -11.91 | 54.63 6.22 -8.66 | 45.88 6.07 -0.10 | 48.28 6.41 0.00 | 42.33 5.53 0.00 | 45.50 5.70 -0.25 | 40.19 4.62 -6.13 | 30.74 4.28 -0.67 | 31.24 4.28 -0.38 |
| DELAWARE___LFGE 323621 | 23.05 0.59 0.00 | 20.44 0.50 0.00 | 19.86 0.53 0.00 | 18.90 0.51 0.00 | 18.20 0.48 0.00 | 24.58 0.59 0.00 | 24.22 0.74 0.00 | 25.87 0.87 -0.03 | 30.40 1.00 -0.45 | 25.67 0.88 -0.02 | 26.78 0.95 0.00 | 29.21 1.02 0.00 | 31.79 1.15 0.00 | 30.00 1.10 0.00 | 38.75 1.41 0.00 | 42.75 1.58 -0.13 | 41.34 1.43 -0.16 | 41.60 1.47 -0.42 | 44.10 1.51 -0.71 | 38.54 1.35 -0.39 | 41.26 1.44 -0.27 | 30.81 1.06 -0.32 | 26.71 0.92 0.00 | 27.48 0.89 0.00 |
| DERFIELD_115KV_TB7 355931 | 22.49 0.03 0.00 | 19.96 0.02 0.00 | 19.37 0.04 0.00 | 18.43 0.04 0.00 | 17.75 0.04 0.00 | 23.99 0.00 0.00 | 23.53 0.05 0.00 | 25.04 0.08 0.00 | 29.03 0.09 0.00 | 24.84 0.08 0.00 | 25.93 0.10 0.00 | 28.29 0.11 0.00 | 30.79 0.14 0.00 | 29.02 0.12 0.00 | 37.50 0.15 0.00 | 41.20 0.16 0.00 | 39.94 0.18 0.00 | 39.91 0.19 0.00 | 42.08 0.21 0.00 | 36.99 0.18 0.00 | 39.74 0.20 0.00 | 29.56 0.12 0.00 | 25.88 0.09 0.00 | 26.65 0.06 0.00 |
| DOGLEVILLE___HYD 23807 | 22.46 0.00 0.00 | 19.98 0.04 0.00 | 19.49 0.16 0.00 | 18.53 0.14 0.00 | 17.86 0.14 0.00 | 24.01 0.03 0.00 | 23.74 0.25 0.00 | 25.20 0.22 0.00 | 29.11 0.17 0.00 | 24.92 0.15 0.00 | 25.95 0.12 0.00 | 28.21 0.02 0.00 | 30.74 0.10 0.00 | 29.17 0.27 0.00 | 37.77 0.43 0.00 | 41.67 0.63 0.00 | 40.75 0.99 0.00 | 40.68 0.97 0.00 | 43.05 1.18 0.00 | 38.01 1.21 0.00 | 40.79 1.25 0.00 | 30.21 0.77 0.00 | 26.33 0.54 0.00 | 26.86 0.28 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 22.50 0.04 0.00 | 20.09 0.15 0.00 | 19.58 0.25 0.00 | 18.51 0.12 0.00 | 17.83 0.11 0.00 | 24.50 0.52 0.00 | 23.83 0.34 0.00 | 25.51 0.54 0.00 | 29.60 0.66 0.00 | 25.29 0.52 0.00 | 26.48 0.64 0.00 | 28.92 0.73 0.00 | 31.24 0.60 0.00 | 29.29 0.40 0.00 | 37.51 0.17 0.00 | 41.01 -0.03 0.00 | 39.29 -0.47 0.00 | 39.58 -0.14 0.00 | 41.53 -0.35 0.00 | 36.20 -0.60 0.00 | 39.07 -0.52 -0.04 | 29.10 -0.45 -0.11 | 25.81 0.02 0.00 | 26.97 0.38 0.00 |
| DUNKIRK___1 23563 | 22.50 0.04 0.00 | 20.09 0.15 0.00 | 19.58 0.25 0.00 | 18.51 0.12 0.00 | 17.83 0.11 0.00 | 24.50 0.52 0.00 | 23.83 0.34 0.00 | 25.51 0.54 0.00 | 29.60 0.66 0.00 | 25.29 0.52 0.00 | 26.48 0.64 0.00 | 28.92 0.73 0.00 | 31.24 0.60 0.00 | 29.29 0.40 0.00 | 37.51 0.17 0.00 | 41.01 -0.03 0.00 | 39.29 -0.47 0.00 | 39.58 -0.14 0.00 | 41.53 -0.35 0.00 | 36.20 -0.60 0.00 | 39.07 -0.52 -0.04 | 29.10 -0.45 -0.11 | 25.81 0.02 0.00 | 26.97 0.38 0.00 |
| DUNKIRK___2 23564 | 22.50 0.04 0.00 | 20.09 0.15 0.00 | 19.58 0.25 0.00 | 18.51 0.12 0.00 | 17.83 0.11 0.00 | 24.50 0.52 0.00 | 23.83 0.34 0.00 | 25.51 0.54 0.00 | 29.60 0.66 0.00 | 25.29 0.52 0.00 | 26.48 0.64 0.00 | 28.92 0.73 0.00 | 31.24 0.60 0.00 | 29.29 0.40 0.00 | 37.51 0.17 0.00 | 41.01 -0.03 0.00 | 39.29 -0.47 0.00 | 39.58 -0.14 0.00 | 41.53 -0.35 0.00 | 36.20 -0.60 0.00 | 39.07 -0.52 -0.04 | 29.10 -0.45 -0.11 | 25.81 0.02 0.00 | 26.97 0.38 0.00 |
| DUNKIRK___3 23565 | 22.40 -0.06 0.00 | 20.01 0.07 0.00 | 19.50 0.17 0.00 | 18.44 0.05 0.00 | 17.76 0.04 0.00 | 24.39 0.40 0.00 | 23.70 0.22 0.00 | 25.35 0.38 0.00 | 29.43 0.48 0.00 | 25.14 0.37 0.00 | 26.32 0.49 0.00 | 28.75 0.56 0.00 | 31.07 0.42 0.00 | 29.14 0.24 0.00 | 37.29 -0.05 0.00 | 40.78 -0.27 0.00 | 39.06 -0.70 0.00 | 39.34 -0.38 0.00 | 41.27 -0.60 0.00 | 35.98 -0.82 0.00 | 38.84 -0.75 -0.04 | 28.94 -0.61 -0.11 | 25.70 -0.08 0.00 | 26.91 0.32 0.00 |
| DUNKIRK___4 23566 | 22.40 -0.06 0.00 | 20.01 0.07 0.00 | 19.50 0.17 0.00 | 18.44 0.05 0.00 | 17.76 0.04 0.00 | 24.39 0.40 0.00 | 23.70 0.22 0.00 | 25.35 0.38 0.00 | 29.43 0.48 0.00 | 25.14 0.37 0.00 | 26.32 0.49 0.00 | 28.75 0.56 0.00 | 31.07 0.42 0.00 | 29.14 0.24 0.00 | 37.29 -0.05 0.00 | 40.78 -0.27 0.00 | 39.06 -0.70 0.00 | 39.34 -0.38 0.00 | 41.27 -0.60 0.00 | 35.98 -0.82 0.00 | 38.84 -0.75 -0.04 | 28.94 -0.61 -0.11 | 25.70 -0.08 0.00 | 26.91 0.32 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 23.71 1.25 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.31 0.92 0.00 | 18.58 0.86 0.00 | 25.03 1.05 0.00 | 24.87 1.39 0.00 | 26.63 1.66 0.00 | 30.88 1.93 0.00 | 26.49 1.72 0.00 | 38.25 1.85 -10.57 | 30.17 1.99 0.00 | 32.92 2.28 0.00 | 31.15 2.25 0.00 | 40.28 2.95 0.00 | 44.41 3.37 0.00 | 42.83 3.07 0.00 | 42.75 3.04 0.00 | 44.97 3.09 0.00 | 39.46 2.65 0.00 | 42.55 2.76 -0.25 | 32.22 2.12 -0.66 | 27.69 1.91 0.00 | 28.38 1.79 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 23.53 1.06 0.00 | 20.77 0.83 0.00 | 20.12 0.79 0.00 | 19.18 0.79 0.00 | 18.45 0.73 0.00 | 24.88 0.90 0.00 | 24.66 1.18 0.00 | 26.39 1.42 0.00 | 30.59 1.65 0.00 | 26.23 1.46 0.00 | 24.96 1.54 2.41 | 29.84 1.66 0.00 | 32.56 1.92 0.00 | 30.81 1.92 0.00 | 39.87 2.53 0.00 | 43.96 2.92 0.00 | 42.49 2.74 0.00 | 42.47 2.76 0.00 | 44.70 2.82 0.00 | 39.23 2.42 0.00 | 42.33 2.54 -0.24 | 31.98 1.90 -0.64 | 27.46 1.67 0.00 | 28.13 1.55 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 23.72 1.26 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.04 0.00 | 24.89 1.41 0.00 | 26.66 1.69 0.00 | 30.88 1.93 0.00 | 26.51 1.74 0.00 | 38.27 1.86 -10.58 | 30.16 1.98 0.00 | 32.94 2.29 0.00 | 31.21 2.31 0.00 | 40.30 2.96 0.00 | 44.44 3.40 0.00 | 42.78 3.03 0.00 | 42.74 3.02 0.00 | 44.92 3.05 0.00 | 39.44 2.63 0.00 | 42.56 2.76 -0.25 | 32.25 2.15 -0.66 | 27.72 1.94 0.00 | 28.39 1.81 0.00 |
| E179THST_13_KV_LOAD 356214 | 23.84 1.38 0.00 | 21.04 1.09 0.00 | 20.35 1.02 0.00 | 19.41 1.02 0.00 | 18.67 0.96 0.00 | 25.15 1.16 0.00 | 25.02 1.54 0.00 | 26.80 1.84 0.00 | 31.04 2.09 0.00 | 26.65 1.88 0.00 | 38.42 2.01 -10.58 | 30.33 2.15 0.00 | 33.12 2.48 0.00 | 31.38 2.48 0.00 | 40.52 3.19 0.00 | 44.70 3.66 0.00 | 43.04 3.28 0.00 | 42.98 3.27 0.00 | 45.19 3.32 0.00 | 39.67 2.87 0.00 | 42.80 3.01 -0.25 | 32.43 2.33 -0.66 | 27.87 2.09 0.00 | 28.56 1.97 0.00 |
| EAST HAMPTON___GT 23717 | 25.90 3.44 0.00 | 22.86 2.92 0.00 | 21.81 2.47 0.00 | 20.72 2.33 0.00 | 19.99 2.27 0.00 | 27.10 3.11 0.00 | 27.10 3.62 0.00 | 29.00 4.03 0.00 | 33.85 4.91 0.00 | 29.24 4.47 0.00 | 40.85 4.52 -10.50 | 33.13 4.95 0.00 | 37.79 5.46 -1.69 | 62.19 5.32 -27.97 | 55.21 6.83 -11.04 | 60.51 7.56 -11.91 | 55.49 7.07 -8.66 | 46.75 6.94 -0.10 | 49.18 7.31 0.00 | 43.14 6.33 0.00 | 46.33 6.53 -0.25 | 40.85 5.28 -6.13 | 31.18 4.72 -0.67 | 31.75 4.79 -0.38 |

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| EAST RIVER___6 23660 | 23.77 1.31 0.00 | 21.00 1.06 0.00 | 20.32 0.99 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.06 1.07 0.00 | 24.94 1.46 0.00 | 26.74 1.77 0.00 | 31.00 2.06 0.00 | 26.63 1.87 0.00 | 38.42 2.01 -10.58 | 30.34 2.15 0.00 | 33.10 2.45 0.00 | 31.32 2.43 0.00 | 40.50 3.17 0.00 | 44.67 3.63 0.00 | 43.03 3.27 0.00 | 42.96 3.25 0.00 | 45.16 3.28 0.00 | 39.65 2.84 0.00 | 42.76 2.97 -0.25 | 32.37 2.27 -0.66 | 27.82 2.04 0.00 | 28.50 1.92 0.00 |
| EAST RIVER___7 23524 | 23.77 1.31 0.00 | 21.00 1.06 0.00 | 20.32 0.99 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.06 1.07 0.00 | 24.94 1.46 0.00 | 26.74 1.77 0.00 | 31.00 2.06 0.00 | 26.63 1.87 0.00 | 38.42 2.01 -10.58 | 30.34 2.15 0.00 | 33.10 2.45 0.00 | 31.32 2.43 0.00 | 40.50 3.17 0.00 | 44.67 3.63 0.00 | 43.03 3.27 0.00 | 42.96 3.25 0.00 | 45.16 3.28 0.00 | 39.65 2.84 0.00 | 42.76 2.97 -0.25 | 32.37 2.27 -0.66 | 27.82 2.04 0.00 | 28.50 1.92 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 23.66 1.19 0.00 | 20.88 0.94 0.00 | 20.21 0.88 0.00 | 19.27 0.88 0.00 | 18.54 0.82 0.00 | 24.98 0.99 0.00 | 24.80 1.32 0.00 | 26.56 1.59 0.00 | 30.79 1.85 0.00 | 26.41 1.65 0.00 | 38.84 1.76 -11.24 | 30.08 1.90 0.00 | 32.82 2.18 0.00 | 31.05 2.15 0.00 | 40.17 2.83 0.00 | 44.28 3.24 0.00 | 42.72 2.96 0.00 | 42.64 2.93 0.00 | 44.86 2.98 0.00 | 39.36 2.56 0.00 | 42.47 2.67 -0.25 | 32.14 2.04 -0.66 | 27.62 1.83 0.00 | 28.30 1.71 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 25.91 3.45 0.00 | 22.87 2.93 0.00 | 21.81 2.48 0.00 | 20.72 2.33 0.00 | 19.99 2.27 0.00 | 27.11 3.12 0.00 | 27.10 3.62 0.00 | 29.00 4.03 0.00 | 33.86 4.92 0.00 | 29.25 4.48 0.00 | 40.85 4.52 -10.50 | 33.14 4.96 0.00 | 37.80 5.47 -1.69 | 62.20 5.33 -27.97 | 55.22 6.84 -11.04 | 60.53 7.58 -11.91 | 55.51 7.09 -8.66 | 46.77 6.96 -0.10 | 49.20 7.33 0.00 | 43.15 6.34 0.00 | 46.34 6.54 -0.25 | 40.85 5.29 -6.13 | 31.19 4.74 -0.67 | 31.77 4.81 -0.38 |
| EAST_PULASKI___ESR 323781 | 22.25 -0.22 0.00 | 19.76 -0.18 0.00 | 19.15 -0.18 0.00 | 18.22 -0.17 0.00 | 17.59 -0.13 0.00 | 23.82 -0.17 0.00 | 23.24 -0.24 0.00 | 24.95 -0.26 -0.24 | 32.26 -0.29 -3.61 | 24.70 -0.23 -0.16 | 25.67 -0.16 0.00 | 28.02 -0.17 0.00 | 30.40 -0.24 0.00 | 28.58 -0.32 0.00 | 36.79 -0.55 0.00 | 41.39 -0.71 -1.06 | 40.32 -0.68 -1.24 | 42.34 -0.65 -3.28 | 46.96 -0.46 -5.55 | 39.53 -0.30 -3.02 | 40.48 -0.29 -1.22 | 29.29 -0.20 -0.05 | 25.59 -0.20 0.00 | 26.40 -0.19 0.00 |
| EAST_RIVER___1 323558 | 23.74 1.28 0.00 | 20.96 1.02 0.00 | 20.27 0.93 0.00 | 19.34 0.95 0.00 | 18.60 0.88 0.00 | 25.03 1.05 0.00 | 24.90 1.41 0.00 | 26.69 1.72 0.00 | 30.94 2.00 0.00 | 26.58 1.81 0.00 | 38.38 1.96 -10.58 | 30.28 2.10 0.00 | 33.03 2.39 0.00 | 31.26 2.36 0.00 | 40.43 3.08 0.00 | 44.58 3.54 0.00 | 42.95 3.19 0.00 | 42.85 3.14 0.00 | 45.04 3.16 0.00 | 39.51 2.70 0.00 | 42.63 2.84 -0.25 | 32.28 2.18 -0.66 | 27.76 1.97 0.00 | 28.44 1.85 0.00 |
| EAST_RIVER___2 323559 | 23.77 1.31 0.00 | 21.00 1.06 0.00 | 20.32 0.99 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.06 1.07 0.00 | 24.94 1.46 0.00 | 26.74 1.77 0.00 | 31.00 2.06 0.00 | 26.63 1.87 0.00 | 38.42 2.01 -10.58 | 30.34 2.15 0.00 | 33.10 2.45 0.00 | 31.32 2.43 0.00 | 40.50 3.17 0.00 | 44.67 3.63 0.00 | 43.03 3.27 0.00 | 42.96 3.25 0.00 | 45.16 3.28 0.00 | 39.65 2.84 0.00 | 42.76 2.97 -0.25 | 32.37 2.27 -0.66 | 27.82 2.04 0.00 | 28.50 1.92 0.00 |
| EAST___DELAWARE_HYD 23607 | 23.52 1.06 0.00 | 20.76 0.82 0.00 | 20.10 0.77 0.00 | 19.16 0.77 0.00 | 18.44 0.72 0.00 | 24.88 0.90 0.00 | 24.63 1.14 0.00 | 26.38 1.41 0.00 | 30.58 1.64 0.00 | 26.17 1.40 0.00 | 25.80 1.47 1.50 | 29.80 1.62 0.00 | 32.48 1.84 0.00 | 30.72 1.82 0.00 | 39.76 2.42 0.00 | 43.83 2.79 0.00 | 42.45 2.69 0.00 | 42.54 2.82 0.00 | 44.79 2.91 0.00 | 39.28 2.47 0.00 | 42.35 2.59 -0.22 | 31.93 1.91 -0.58 | 27.47 1.69 0.00 | 28.13 1.55 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 22.06 -0.41 0.00 | 19.74 -0.20 0.00 | 19.39 0.05 0.00 | 18.47 0.08 0.00 | 17.73 0.01 0.00 | 24.22 0.23 0.00 | 23.69 0.21 0.00 | 25.44 0.44 -0.03 | 29.97 0.55 -0.47 | 25.34 0.54 -0.02 | 26.54 0.70 0.00 | 28.96 0.78 0.00 | 31.29 0.64 0.00 | 29.41 0.51 0.00 | 37.60 0.26 0.00 | 41.34 0.16 -0.14 | 39.65 -0.27 -0.16 | 40.00 -0.14 -0.43 | 42.47 -0.13 -0.73 | 36.88 -0.32 -0.40 | 39.36 -0.40 -0.21 | 29.08 -0.49 -0.13 | 25.74 -0.05 0.00 | 27.04 0.45 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 22.34 -0.12 0.00 | 19.88 -0.06 0.00 | 19.26 -0.07 0.00 | 18.32 -0.07 0.00 | 17.66 -0.05 0.00 | 23.92 -0.07 0.00 | 23.42 -0.06 0.00 | 25.09 -0.04 -0.16 | 31.31 -0.03 -2.40 | 24.81 -0.06 -0.10 | 25.78 -0.05 0.00 | 28.16 -0.03 0.00 | 30.59 -0.05 0.00 | 28.83 -0.07 0.00 | 37.20 -0.14 0.00 | 41.51 -0.24 -0.70 | 40.27 -0.33 -0.84 | 41.75 -0.19 -2.24 | 45.50 -0.16 -3.79 | 38.63 -0.23 -2.06 | 40.18 -0.21 -0.85 | 29.30 -0.21 -0.07 | 25.67 -0.12 0.00 | 26.54 -0.05 0.00 |
| ELEC_TRO_TEK 24086 | 24.07 1.60 0.00 | 21.22 1.28 0.00 | 20.51 1.18 0.00 | 19.54 1.14 0.00 | 18.81 1.10 0.00 | 25.31 1.32 0.00 | 25.20 1.72 0.00 | 26.91 1.94 0.00 | 31.22 2.28 0.00 | 26.77 2.00 0.00 | 38.51 2.19 -10.49 | 30.52 2.33 0.00 | 34.99 2.65 -1.69 | 59.48 2.61 -27.97 | 51.81 3.43 -11.04 | 56.78 3.84 -11.90 | 51.91 3.50 -8.66 | 43.16 3.35 -0.10 | 45.36 3.49 0.00 | 39.79 2.98 0.00 | 42.87 3.08 -0.25 | 38.08 2.51 -6.13 | 28.78 2.33 -0.67 | 29.22 2.25 -0.38 |
| ELLENBURG_WT_PWR 323604 | 22.51 0.05 0.00 | 19.97 0.03 0.00 | 19.32 -0.01 0.00 | 18.37 -0.03 0.00 | 17.71 -0.01 0.00 | 24.10 0.12 0.00 | 23.58 0.10 0.00 | 25.13 0.16 0.00 | 29.11 0.17 0.00 | 24.94 0.17 0.00 | 25.92 0.09 0.00 | 28.24 0.06 0.00 | 30.65 0.01 0.00 | 28.92 0.02 0.00 | 37.43 0.09 0.00 | 41.28 0.23 0.00 | 40.02 0.26 0.00 | 39.46 -0.25 0.00 | 41.65 -0.23 0.00 | 36.54 -0.26 0.00 | 39.38 -0.16 0.00 | 29.32 -0.11 0.00 | 25.55 -0.23 0.00 | 26.24 -0.35 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 22.32 -0.15 0.00 | 20.00 0.06 0.00 | 19.45 0.12 0.00 | 18.41 0.02 0.00 | 17.72 0.00 0.00 | 24.33 0.34 0.00 | 23.59 0.10 0.00 | 25.20 0.23 0.00 | 29.24 0.29 0.00 | 25.01 0.24 0.00 | 26.22 0.39 0.00 | 28.67 0.48 0.00 | 30.98 0.34 0.00 | 29.05 0.15 0.00 | 37.13 -0.21 0.00 | 40.53 -0.51 0.00 | 38.80 -0.96 0.00 | 39.06 -0.65 0.00 | 40.96 -0.91 0.00 | 35.71 -1.10 0.00 | 38.56 -1.03 -0.04 | 28.72 -0.83 -0.11 | 25.63 -0.15 0.00 | 26.88 0.30 0.00 |
| EMPIRE_CC_1 323656 | 23.00 0.54 0.00 | 20.56 0.62 0.00 | 19.94 0.61 0.00 | 19.00 0.61 0.00 | 18.29 0.57 0.00 | 24.49 0.51 0.00 | 24.18 0.69 0.00 | 25.62 0.65 0.00 | 29.56 0.62 0.00 | 25.33 0.56 0.00 | 29.30 0.51 -2.95 | 28.77 0.59 0.00 | 31.30 0.66 0.00 | 29.59 0.69 0.00 | 38.26 0.91 0.00 | 42.06 1.02 0.00 | 40.80 1.05 0.00 | 40.82 1.11 0.00 | 43.14 1.26 0.00 | 38.04 1.24 0.00 | 41.10 1.25 -0.31 | 31.15 0.90 -0.81 | 26.54 0.76 0.00 | 27.25 0.66 0.00 |
| EMPIRE_CC_2 323658 | 23.00 0.54 0.00 | 20.56 0.62 0.00 | 19.94 0.61 0.00 | 19.00 0.61 0.00 | 18.29 0.57 0.00 | 24.49 0.51 0.00 | 24.18 0.69 0.00 | 25.62 0.65 0.00 | 29.56 0.62 0.00 | 25.33 0.56 0.00 | 29.30 0.51 -2.95 | 28.77 0.59 0.00 | 31.30 0.66 0.00 | 29.59 0.69 0.00 | 38.26 0.91 0.00 | 42.06 1.02 0.00 | 40.80 1.05 0.00 | 40.82 1.11 0.00 | 43.14 1.26 0.00 | 38.04 1.24 0.00 | 41.10 1.25 -0.31 | 31.15 0.90 -0.81 | 26.54 0.76 0.00 | 27.25 0.66 0.00 |

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| ENORWICH_115KV_TB1 80156 | 23.56 1.09 0.00 | 20.92 0.98 0.00 | 20.37 1.04 0.00 | 19.31 0.91 0.00 | 18.62 0.90 0.00 | 25.27 1.28 0.00 | 24.98 1.49 0.00 | 26.86 1.83 -0.06 | 32.07 2.20 -0.92 | 26.70 1.89 -0.04 | 27.94 2.11 0.00 | 30.42 2.24 0.00 | 33.07 2.43 0.00 | 31.21 2.31 0.00 | 39.93 2.59 0.00 | 44.47 3.16 -0.27 | 43.08 2.99 -0.32 | 43.71 3.14 -0.86 | 46.73 3.40 -1.45 | 40.53 2.93 -0.79 | 43.01 3.07 -0.40 | 31.73 2.08 -0.21 | 27.45 1.67 0.00 | 28.31 1.72 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 22.42 -0.04 0.00 | 20.07 0.13 0.00 | 19.51 0.18 0.00 | 18.46 0.07 0.00 | 17.77 0.05 0.00 | 24.39 0.41 0.00 | 23.66 0.17 0.00 | 25.28 0.31 0.00 | 29.30 0.36 0.00 | 25.10 0.33 0.00 | 26.35 0.52 0.00 | 28.79 0.61 0.00 | 31.14 0.50 0.00 | 29.21 0.31 0.00 | 37.39 0.05 0.00 | 40.87 -0.17 0.00 | 39.16 -0.60 0.00 | 39.40 -0.31 0.00 | 41.31 -0.57 0.00 | 36.00 -0.80 0.00 | 38.87 -0.71 -0.04 | 28.94 -0.61 -0.11 | 25.80 0.01 0.00 | 27.05 0.46 0.00 |
| ERIE_WT_PWR 323693 | 22.29 -0.17 0.00 | 19.92 -0.02 0.00 | 19.45 0.12 0.00 | 18.41 0.01 0.00 | 17.71 -0.01 0.00 | 24.29 0.30 0.00 | 23.56 0.08 0.00 | 25.17 0.20 0.00 | 29.21 0.27 0.00 | 24.97 0.20 0.00 | 26.19 0.36 0.00 | 28.63 0.45 0.00 | 30.96 0.32 0.00 | 29.02 0.12 0.00 | 37.09 -0.25 0.00 | 40.48 -0.56 0.00 | 38.75 -1.01 0.00 | 39.00 -0.71 0.00 | 40.92 -0.96 0.00 | 35.68 -1.13 0.00 | 38.53 -1.06 -0.04 | 28.69 -0.86 -0.11 | 25.65 -0.14 0.00 | 26.88 0.29 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 23.30 0.84 0.00 | 20.67 0.73 0.00 | 20.09 0.76 0.00 | 19.11 0.72 0.00 | 18.40 0.69 0.00 | 24.86 0.87 0.00 | 24.56 1.08 0.00 | 26.26 1.27 -0.03 | 30.89 1.51 -0.43 | 26.10 1.31 -0.02 | 27.27 1.44 0.00 | 29.73 1.55 0.00 | 32.34 1.70 0.00 | 30.53 1.63 0.00 | 39.42 2.08 0.00 | 43.49 2.33 -0.13 | 42.06 2.15 -0.15 | 42.34 2.22 -0.40 | 44.87 2.31 -0.69 | 39.23 2.05 -0.37 | 41.96 2.15 -0.27 | 31.30 1.54 -0.32 | 27.07 1.29 0.00 | 27.82 1.24 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 22.82 0.36 0.00 | 20.27 0.33 0.00 | 19.68 0.35 0.00 | 18.71 0.31 0.00 | 18.04 0.32 0.00 | 24.46 0.47 0.00 | 24.01 0.53 0.00 | 25.69 0.64 -0.08 | 30.96 0.75 -1.26 | 25.47 0.64 -0.06 | 26.55 0.72 0.00 | 28.94 0.75 0.00 | 31.44 0.80 0.00 | 29.65 0.75 0.00 | 38.22 0.88 0.00 | 42.34 0.92 -0.37 | 41.03 0.83 -0.45 | 41.76 0.87 -1.18 | 44.87 1.00 -1.99 | 38.73 0.84 -1.08 | 40.96 0.93 -0.49 | 30.20 0.62 -0.15 | 26.34 0.56 0.00 | 27.22 0.63 0.00 |
| ETNA____115KV_TB2 80207 | 22.82 0.36 0.00 | 20.27 0.33 0.00 | 19.68 0.35 0.00 | 18.71 0.31 0.00 | 18.04 0.32 0.00 | 24.46 0.47 0.00 | 24.01 0.53 0.00 | 25.69 0.64 -0.08 | 30.96 0.75 -1.26 | 25.47 0.64 -0.06 | 26.55 0.72 0.00 | 28.94 0.75 0.00 | 31.44 0.80 0.00 | 29.65 0.75 0.00 | 38.22 0.88 0.00 | 42.34 0.92 -0.37 | 41.03 0.83 -0.45 | 41.76 0.87 -1.18 | 44.87 1.00 -1.99 | 38.73 0.84 -1.08 | 40.96 0.93 -0.49 | 30.20 0.62 -0.15 | 26.34 0.56 0.00 | 27.22 0.63 0.00 |
| EUCLID__115KV_TB2 356179 | 22.19 -0.27 0.00 | 19.73 -0.22 0.00 | 19.14 -0.19 0.00 | 18.20 -0.19 0.00 | 17.54 -0.18 0.00 | 23.76 -0.23 0.00 | 23.21 -0.28 0.00 | 24.75 -0.29 -0.07 | 29.66 -0.32 -1.04 | 24.54 -0.28 -0.05 | 25.60 -0.23 0.00 | 27.93 -0.25 0.00 | 30.30 -0.34 0.00 | 28.55 -0.35 0.00 | 36.83 -0.51 0.00 | 40.76 -0.58 -0.31 | 39.47 -0.65 -0.36 | 40.08 -0.60 -0.96 | 42.88 -0.62 -1.62 | 37.11 -0.58 -0.88 | 39.30 -0.62 -0.37 | 29.00 -0.49 -0.06 | 25.41 -0.37 0.00 | 26.30 -0.29 0.00 |
| E_CANADA_CAP_HY 24051 | 24.18 1.72 0.00 | 21.42 1.47 0.00 | 20.61 1.28 0.00 | 19.60 1.21 0.00 | 18.90 1.18 0.00 | 25.71 1.72 0.00 | 25.22 1.74 0.00 | 26.97 2.00 0.00 | 31.49 2.55 0.00 | 26.89 2.12 0.00 | 30.15 1.95 -2.36 | 30.23 2.05 0.00 | 32.55 1.91 0.00 | 30.55 1.65 0.00 | 39.47 2.13 0.00 | 43.70 2.66 0.00 | 42.48 2.72 0.00 | 42.54 2.83 0.00 | 44.94 3.07 0.00 | 39.33 2.52 0.00 | 42.60 2.73 -0.33 | 32.26 1.95 -0.87 | 27.47 1.69 0.00 | 28.43 1.85 0.00 |
| E_CANADA_MHWK_HY 24050 | 22.46 0.00 0.00 | 19.98 0.04 0.00 | 19.49 0.16 0.00 | 18.53 0.14 0.00 | 17.86 0.14 0.00 | 24.01 0.03 0.00 | 23.74 0.25 0.00 | 25.20 0.22 0.00 | 29.11 0.17 0.00 | 24.92 0.15 0.00 | 25.95 0.12 0.00 | 28.21 0.02 0.00 | 30.74 0.10 0.00 | 29.17 0.27 0.00 | 37.77 0.43 0.00 | 41.67 0.63 0.00 | 40.75 0.99 0.00 | 40.68 0.97 0.00 | 43.05 1.18 0.00 | 38.01 1.21 0.00 | 40.79 1.25 0.00 | 30.21 0.77 0.00 | 26.33 0.54 0.00 | 26.86 0.28 0.00 |
| E_FISHKILL__LBMP 23776 | 23.50 1.04 0.00 | 20.77 0.83 0.00 | 20.11 0.79 0.00 | 19.18 0.78 0.00 | 18.46 0.74 0.00 | 24.86 0.87 0.00 | 24.64 1.16 0.00 | 26.34 1.37 0.00 | 30.51 1.57 0.00 | 26.17 1.41 0.00 | 31.44 1.49 -4.12 | 29.79 1.61 0.00 | 32.49 1.84 0.00 | 30.74 1.83 0.00 | 39.76 2.42 0.00 | 43.81 2.77 0.00 | 42.31 2.56 0.00 | 42.27 2.56 0.00 | 44.49 2.62 0.00 | 39.08 2.27 0.00 | 42.16 2.36 -0.26 | 31.91 1.79 -0.68 | 27.37 1.59 0.00 | 28.06 1.47 0.00 |
| FALCON__SEABRD_CC1 323796 | 22.79 0.32 0.00 | 20.21 0.27 0.00 | 19.55 0.22 0.00 | 18.58 0.19 0.00 | 17.93 0.21 0.00 | 24.39 0.40 0.00 | 23.92 0.44 0.00 | 25.49 0.52 0.00 | 29.49 0.54 0.00 | 25.29 0.52 0.00 | 26.26 0.43 0.00 | 28.58 0.40 0.00 | 31.02 0.38 0.00 | 29.29 0.39 0.00 | 37.91 0.57 0.00 | 41.91 0.87 0.00 | 40.66 0.90 0.00 | 40.02 0.31 0.00 | 42.25 0.37 0.00 | 37.06 0.25 0.00 | 39.89 0.34 0.00 | 29.67 0.23 0.00 | 25.87 0.09 0.00 | 26.60 0.01 0.00 |
| FALCON__SEABRD_CC2 323797 | 22.79 0.32 0.00 | 20.21 0.27 0.00 | 19.55 0.22 0.00 | 18.58 0.19 0.00 | 17.93 0.21 0.00 | 24.39 0.40 0.00 | 23.92 0.44 0.00 | 25.49 0.52 0.00 | 29.49 0.54 0.00 | 25.29 0.52 0.00 | 26.26 0.43 0.00 | 28.58 0.40 0.00 | 31.02 0.38 0.00 | 29.29 0.39 0.00 | 37.91 0.57 0.00 | 41.91 0.87 0.00 | 40.66 0.90 0.00 | 40.02 0.31 0.00 | 42.25 0.37 0.00 | 37.06 0.25 0.00 | 39.89 0.34 0.00 | 29.67 0.23 0.00 | 25.87 0.09 0.00 | 26.60 0.01 0.00 |
| FAR ROCKAWAY__4 23548 | 24.28 1.81 0.00 | 21.41 1.47 0.00 | 20.73 1.40 0.00 | 19.74 1.35 0.00 | 19.01 1.29 0.00 | 25.52 1.53 0.00 | 25.41 1.93 0.00 | 27.13 2.17 0.00 | 31.48 2.53 0.00 | 27.02 2.25 0.00 | 38.84 2.52 -10.49 | 30.91 2.73 0.00 | 35.44 3.11 -1.69 | 59.95 3.08 -27.97 | 52.43 4.06 -11.04 | 57.49 4.54 -11.90 | 52.62 4.21 -8.66 | 43.81 4.00 -0.10 | 46.01 4.13 0.00 | 40.35 3.54 0.00 | 43.47 3.67 -0.25 | 38.52 2.96 -6.13 | 29.17 2.71 -0.67 | 29.60 2.64 -0.38 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 23.75 1.29 0.00 | 20.95 1.01 0.00 | 20.27 0.94 0.00 | 19.34 0.95 0.00 | 18.61 0.89 0.00 | 25.04 1.06 0.00 | 24.91 1.43 0.00 | 26.71 1.74 0.00 | 30.97 2.03 0.00 | 26.59 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.05 2.41 0.00 | 31.28 2.38 0.00 | 40.45 3.11 0.00 | 44.60 3.56 0.00 | 42.98 3.22 0.00 | 42.88 3.17 0.00 | 45.07 3.19 0.00 | 39.53 2.72 0.00 | 42.64 2.84 -0.25 | 32.30 2.20 -0.66 | 27.78 2.00 0.00 | 28.45 1.87 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 23.77 1.31 0.00 | 20.96 1.02 0.00 | 20.28 0.95 0.00 | 19.35 0.96 0.00 | 18.62 0.90 0.00 | 25.06 1.07 0.00 | 24.93 1.44 0.00 | 26.72 1.75 0.00 | 30.98 2.04 0.00 | 26.61 1.84 0.00 | 38.40 1.99 -10.58 | 30.31 2.13 0.00 | 33.07 2.42 0.00 | 31.29 2.40 0.00 | 40.47 3.13 0.00 | 44.62 3.58 0.00 | 42.99 3.23 0.00 | 42.89 3.18 0.00 | 45.09 3.22 0.00 | 39.55 2.75 0.00 | 42.67 2.88 -0.25 | 32.33 2.23 -0.66 | 27.81 2.02 0.00 | 28.47 1.89 0.00 |

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| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 23.74 1.28 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.04 1.05 0.00 | 24.90 1.41 0.00 | 26.70 1.73 0.00 | 30.95 2.01 0.00 | 26.58 1.81 0.00 | 38.38 1.96 -10.58 | 30.28 2.10 0.00 | 33.03 2.39 0.00 | 31.26 2.36 0.00 | 40.43 3.08 0.00 | 44.58 3.54 0.00 | 42.95 3.19 0.00 | 42.85 3.14 0.00 | 45.04 3.16 0.00 | 39.51 2.70 0.00 | 42.61 2.82 -0.25 | 32.28 2.17 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| FARRAGUT___LBMP 323566 | 23.72 1.26 0.00 | 20.92 0.98 0.00 | 20.25 0.92 0.00 | 19.32 0.92 0.00 | 18.59 0.86 0.00 | 25.01 1.03 0.00 | 24.88 1.39 0.00 | 26.67 1.70 0.00 | 30.92 1.97 0.00 | 26.55 1.78 0.00 | 38.35 1.94 -10.58 | 30.24 2.06 0.00 | 32.99 2.35 0.00 | 31.23 2.33 0.00 | 40.38 3.04 0.00 | 44.51 3.47 0.00 | 42.90 3.14 0.00 | 42.80 3.09 0.00 | 44.99 3.11 0.00 | 39.47 2.67 0.00 | 42.58 2.78 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.41 1.83 0.00 |
| FENNER___WINDPWR 24204 | 22.72 0.26 0.00 | 20.16 0.22 0.00 | 19.60 0.27 0.00 | 18.64 0.25 0.00 | 17.97 0.25 0.00 | 24.30 0.31 0.00 | 23.85 0.36 0.00 | 25.51 0.48 -0.06 | 30.52 0.61 -0.97 | 25.37 0.56 -0.04 | 26.51 0.67 0.00 | 28.95 0.77 0.00 | 31.49 0.85 0.00 | 29.59 0.69 0.00 | 38.17 0.83 0.00 | 42.19 0.87 -0.28 | 40.99 0.88 -0.35 | 41.48 0.85 -0.92 | 44.34 0.91 -1.56 | 38.49 0.84 -0.84 | 40.81 0.90 -0.37 | 30.05 0.53 -0.08 | 26.21 0.42 0.00 | 26.98 0.40 0.00 |
| FIBERTEK___ENERGY 23856 | 22.43 -0.03 0.00 | 19.95 0.01 0.00 | 19.36 0.03 0.00 | 18.41 0.02 0.00 | 17.75 0.03 0.00 | 24.02 0.04 0.00 | 23.49 0.01 0.00 | 25.14 0.03 -0.15 | 31.19 0.05 -2.20 | 24.90 0.03 -0.10 | 25.96 0.13 0.00 | 28.33 0.15 0.00 | 30.76 0.12 0.00 | 28.98 0.08 0.00 | 37.39 0.05 0.00 | 41.71 0.02 -0.65 | 40.48 -0.06 -0.77 | 41.72 -0.03 -2.05 | 45.32 -0.02 -3.46 | 38.62 -0.07 -1.88 | 40.26 -0.06 -0.78 | 29.40 -0.10 -0.07 | 25.74 -0.05 0.00 | 26.61 0.03 0.00 |
| FITZPATRICK____ 23598 | 21.87 -0.59 0.00 | 19.44 -0.50 0.00 | 18.86 -0.46 0.00 | 17.94 -0.45 0.00 | 17.29 -0.43 0.00 | 23.39 -0.59 0.00 | 22.83 -0.65 0.00 | 23.45 -0.71 0.81 | 16.06 -0.82 12.06 | 23.52 -0.72 0.53 | 25.12 -0.72 0.00 | 27.40 -0.78 0.00 | 29.77 -0.87 0.00 | 28.05 -0.84 0.00 | 36.20 -1.14 0.00 | 36.22 -1.27 3.55 | 34.18 -1.29 4.29 | 27.11 -1.25 11.35 | 21.35 -1.31 19.22 | 25.18 -1.18 10.44 | 34.12 -1.27 4.16 | 28.52 -0.96 -0.04 | 25.00 -0.79 0.00 | 25.84 -0.75 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 24.75 1.80 0.00 | 21.74 1.80 0.00 | 20.94 1.61 0.00 | 19.91 1.52 0.00 | 19.19 1.47 0.00 | 25.92 1.93 0.00 | 25.86 2.37 0.00 | 27.62 2.65 0.00 | 32.07 3.12 0.00 | 27.57 2.80 0.00 | 39.27 2.95 -10.49 | 31.35 3.17 0.00 | 35.90 3.56 -1.69 | 60.38 3.50 -27.98 | 52.97 4.59 -11.04 | 57.82 4.87 -11.91 | 52.78 4.36 -8.66 | 44.08 4.27 -0.10 | 46.37 4.49 0.00 | 40.65 3.85 0.00 | 43.72 3.92 -0.25 | 38.96 3.40 -6.13 | 29.70 3.25 -0.67 | 30.19 3.23 -0.38 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 23.79 1.33 0.00 | 21.01 1.07 0.00 | 20.35 1.02 0.00 | 19.39 1.00 0.00 | 18.66 0.94 0.00 | 25.15 1.16 0.00 | 24.94 1.46 0.00 | 26.68 1.71 0.00 | 30.93 1.98 0.00 | 26.52 1.76 0.00 | 27.70 1.87 0.00 | 30.20 2.02 0.00 | 32.98 2.33 0.00 | 31.23 2.33 0.00 | 40.43 3.09 0.00 | 44.60 3.56 0.00 | 43.10 3.34 0.00 | 43.08 3.36 0.00 | 45.33 3.45 0.00 | 39.78 2.98 0.00 | 42.90 3.10 -0.25 | 32.40 2.30 -0.67 | 27.79 2.00 0.00 | 28.46 1.88 0.00 |
| FORT ORANGE____ 23900 | 23.05 0.59 0.00 | 20.52 0.58 0.00 | 19.88 0.55 0.00 | 18.93 0.54 0.00 | 18.23 0.51 0.00 | 24.55 0.57 0.00 | 24.23 0.74 0.00 | 25.74 0.76 0.00 | 29.73 0.79 0.00 | 25.45 0.68 0.00 | 28.87 0.61 -2.43 | 28.85 0.67 0.00 | 31.42 0.78 0.00 | 29.72 0.82 0.00 | 38.45 1.11 0.00 | 42.35 1.31 0.00 | 41.09 1.33 0.00 | 41.12 1.41 0.00 | 43.48 1.60 0.00 | 38.34 1.54 0.00 | 41.44 1.58 -0.31 | 31.41 1.14 -0.83 | 26.72 0.94 0.00 | 27.42 0.83 0.00 |
| FORT_DRUM_COGEN 23780 | 22.46 0.00 0.00 | 19.95 0.01 0.00 | 19.28 -0.05 0.00 | 18.40 0.01 0.00 | 17.82 0.10 0.00 | 24.09 0.10 0.00 | 23.64 0.16 0.00 | 25.42 0.36 -0.09 | 30.86 0.52 -1.39 | 25.35 0.52 -0.06 | 26.60 0.77 0.00 | 29.09 0.91 0.00 | 31.42 0.78 0.00 | 29.19 0.29 0.00 | 37.46 0.12 0.00 | 41.16 -0.29 -0.41 | 40.55 0.17 -0.62 | 41.09 -0.30 -1.67 | 45.15 0.45 -2.83 | 39.11 0.77 -1.54 | 41.10 0.92 -0.63 | 30.11 0.64 -0.04 | 26.17 0.38 0.00 | 26.80 0.21 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 24.28 1.81 0.00 | 21.45 1.51 0.00 | 20.73 1.40 0.00 | 19.74 1.35 0.00 | 19.01 1.29 0.00 | 25.52 1.53 0.00 | 25.41 1.93 0.00 | 27.13 2.17 0.00 | 31.47 2.53 0.00 | 27.03 2.25 0.00 | 38.85 2.52 -10.50 | 30.92 2.73 0.00 | 35.45 3.11 -1.69 | 59.95 3.08 -27.97 | 52.44 4.06 -11.04 | 57.48 4.54 -11.90 | 52.63 4.21 -8.66 | 43.81 4.00 -0.10 | 46.01 4.13 0.00 | 40.35 3.54 0.00 | 43.47 3.67 -0.25 | 38.53 2.96 -6.13 | 29.17 2.71 -0.67 | 29.60 2.63 -0.38 |
| FPL_FAR_ROCK_GT2 23815 | 24.28 1.81 0.00 | 21.45 1.51 0.00 | 20.73 1.40 0.00 | 19.74 1.35 0.00 | 19.01 1.29 0.00 | 25.52 1.53 0.00 | 25.41 1.93 0.00 | 27.13 2.17 0.00 | 31.47 2.53 0.00 | 27.03 2.25 0.00 | 38.85 2.52 -10.50 | 30.92 2.73 0.00 | 35.45 3.11 -1.69 | 59.95 3.08 -27.97 | 52.44 4.06 -11.04 | 57.48 4.54 -11.90 | 52.63 4.21 -8.66 | 43.81 4.00 -0.10 | 46.01 4.13 0.00 | 40.35 3.54 0.00 | 43.47 3.67 -0.25 | 38.53 2.96 -6.13 | 29.17 2.71 -0.67 | 29.60 2.63 -0.38 |
| FRANKLIN_FALL_HYD 24054 | 22.45 -0.01 0.00 | 19.90 -0.04 0.00 | 19.25 -0.08 0.00 | 18.30 -0.09 0.00 | 17.64 -0.08 0.00 | 24.02 0.03 0.00 | 23.46 -0.03 0.00 | 25.03 0.07 0.00 | 29.65 0.12 -0.58 | 24.88 0.11 0.00 | 32.77 0.07 -6.87 | 28.32 0.07 -0.06 | 30.62 -0.02 0.00 | 28.87 -0.03 0.00 | 37.36 0.02 0.00 | 41.17 0.13 0.00 | 39.95 0.19 0.00 | 39.47 -0.24 0.00 | 41.65 -0.22 0.00 | 36.58 -0.23 0.00 | 39.42 -0.12 0.00 | 29.35 -0.09 0.00 | 25.55 -0.24 0.00 | 26.23 -0.36 0.00 |
| FREEPORT_EQUS_GT1 23764 | 24.29 1.83 0.00 | 21.47 1.53 0.00 | 20.70 1.37 0.00 | 19.70 1.31 0.00 | 18.98 1.26 0.00 | 25.52 1.53 0.00 | 25.41 1.92 0.00 | 27.15 2.17 0.00 | 31.49 2.55 0.00 | 27.00 2.23 0.00 | 38.75 2.42 -10.50 | 30.74 2.55 0.00 | 35.33 2.99 -1.69 | 59.70 2.83 -27.97 | 52.15 3.77 -11.04 | 57.16 4.21 -11.90 | 52.29 3.87 -8.66 | 43.49 3.68 -0.10 | 45.69 3.82 0.00 | 40.07 3.27 0.00 | 43.16 3.36 -0.25 | 38.34 2.78 -6.13 | 29.11 2.65 -0.67 | 29.54 2.57 -0.38 |
| FREEPORT___CT2 23818 | 24.29 1.83 0.00 | 21.47 1.53 0.00 | 20.70 1.37 0.00 | 19.70 1.31 0.00 | 18.98 1.26 0.00 | 25.52 1.53 0.00 | 25.41 1.92 0.00 | 27.15 2.17 0.00 | 31.49 2.55 0.00 | 27.00 2.23 0.00 | 38.75 2.42 -10.50 | 30.74 2.55 0.00 | 35.33 2.99 -1.69 | 59.70 2.83 -27.97 | 52.15 3.77 -11.04 | 57.16 4.21 -11.90 | 52.29 3.87 -8.66 | 43.49 3.68 -0.10 | 45.69 3.82 0.00 | 40.07 3.27 0.00 | 43.16 3.36 -0.25 | 38.34 2.78 -6.13 | 29.11 2.65 -0.67 | 29.54 2.57 -0.38 |
| FRESHKLS_33_KV_LOAD 356253 | 23.75 1.29 0.00 | 20.89 0.94 0.00 | 20.20 0.87 0.00 | 19.27 0.88 0.00 | 18.54 0.82 0.00 | 25.10 1.11 0.00 | 24.99 1.50 0.00 | 26.72 1.75 0.00 | 30.05 1.89 0.78 | 26.57 1.80 0.00 | 27.62 1.90 0.11 | 30.27 2.09 0.00 | 32.98 2.33 0.00 | 31.23 2.33 0.00 | 40.34 3.00 0.00 | 44.52 3.48 0.00 | 42.78 3.02 0.00 | 42.74 3.03 0.00 | 45.00 3.12 0.00 | 39.50 2.70 0.00 | 42.64 2.85 -0.25 | 32.40 2.30 -0.66 | 27.86 2.07 0.00 | 28.54 1.96 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| FULTON COGEN____ 23766 | 22.18 -0.28 0.00 | 19.71 -0.23 0.00 | 19.13 -0.20 0.00 | 18.18 -0.21 0.00 | 17.54 -0.18 0.00 | 23.74 -0.25 0.00 | 23.18 -0.30 0.00 | 24.91 -0.33 -0.27 | 32.55 -0.39 -3.99 | 24.61 -0.33 -0.17 | 25.55 -0.28 0.00 | 27.88 -0.30 0.00 | 30.28 -0.36 0.00 | 28.53 -0.37 0.00 | 36.78 -0.56 0.00 | 41.60 -0.62 -1.18 | 40.51 -0.66 -1.41 | 42.81 -0.63 -3.72 | 47.54 -0.63 -6.30 | 39.67 -0.56 -3.42 | 40.34 -0.60 -1.39 | 29.02 -0.47 -0.05 | 25.41 -0.37 0.00 | 26.28 -0.31 0.00 |
| FULTON____LFGE 323630 | 24.55 2.09 0.00 | 21.74 1.80 0.00 | 21.22 1.89 0.00 | 20.18 1.79 0.00 | 19.45 1.73 0.00 | 26.16 2.17 0.00 | 25.75 2.27 0.00 | 27.44 2.47 0.00 | 31.55 2.61 0.00 | 26.64 1.87 0.00 | 30.67 2.47 -2.36 | 30.34 2.15 0.00 | 32.11 1.46 0.00 | 30.91 2.01 0.00 | 40.90 3.56 0.00 | 44.30 3.26 0.00 | 44.45 4.69 0.00 | 43.24 3.53 0.00 | 46.28 4.40 0.00 | 40.66 3.85 0.00 | 43.96 4.09 -0.33 | 33.20 2.89 -0.87 | 28.26 2.48 0.00 | 29.12 2.54 0.00 |
| G.F.CEMENT____DRP 24184 | 23.57 1.11 0.00 | 20.86 0.92 0.00 | 20.17 0.84 0.00 | 19.19 0.80 0.00 | 18.48 0.76 0.00 | 24.95 0.96 0.00 | 24.66 1.18 0.00 | 26.23 1.26 0.00 | 30.25 1.30 0.00 | 25.80 1.03 0.00 | 29.23 0.96 -2.44 | 29.23 1.05 0.00 | 31.82 1.18 0.00 | 30.13 1.24 0.00 | 39.10 1.76 0.00 | 43.36 2.32 0.00 | 42.34 2.58 0.00 | 42.25 2.54 0.00 | 44.77 2.90 0.00 | 39.38 2.58 0.00 | 42.49 2.62 -0.33 | 32.18 1.88 -0.86 | 27.29 1.50 0.00 | 28.11 1.52 0.00 |
| GARDENVILLE____LBMP 24039 | 22.24 -0.22 0.00 | 19.93 -0.01 0.00 | 19.39 0.06 0.00 | 18.35 -0.04 0.00 | 17.66 -0.06 0.00 | 24.25 0.26 0.00 | 23.49 0.01 0.00 | 25.09 0.12 0.00 | 29.11 0.17 0.00 | 24.89 0.12 0.00 | 26.10 0.27 0.00 | 28.52 0.34 0.00 | 30.83 0.19 0.00 | 28.90 0.00 0.00 | 36.94 -0.40 0.00 | 40.33 -0.72 0.00 | 38.60 -1.16 0.00 | 38.86 -0.85 0.00 | 40.77 -1.10 0.00 | 35.56 -1.25 0.00 | 38.39 -1.19 -0.04 | 28.60 -0.95 -0.11 | 25.54 -0.24 0.00 | 26.79 0.20 0.00 |
| GARDNVLA_35_KV_LD 355827 | 22.32 -0.14 0.00 | 20.01 0.07 0.00 | 19.46 0.13 0.00 | 18.41 0.02 0.00 | 17.72 0.00 0.00 | 24.32 0.33 0.00 | 23.57 0.09 0.00 | 25.18 0.21 0.00 | 29.23 0.28 0.00 | 24.99 0.22 0.00 | 26.22 0.39 0.00 | 28.67 0.49 0.00 | 31.02 0.37 0.00 | 29.08 0.18 0.00 | 37.18 -0.16 0.00 | 40.59 -0.45 0.00 | 38.84 -0.92 0.00 | 39.10 -0.61 0.00 | 41.01 -0.87 0.00 | 35.75 -1.06 0.00 | 38.60 -0.98 -0.04 | 28.75 -0.80 -0.11 | 25.67 -0.12 0.00 | 26.92 0.34 0.00 |
| GELCKHM____115KV_LOAD 80723 | 22.28 -0.18 0.00 | 19.80 -0.13 0.00 | 19.22 -0.11 0.00 | 18.27 -0.12 0.00 | 17.61 -0.11 0.00 | 23.85 -0.14 0.00 | 23.31 -0.17 0.00 | 24.90 -0.17 -0.10 | 30.22 -0.19 -1.46 | 24.67 -0.16 -0.06 | 25.73 -0.11 0.00 | 28.07 -0.11 0.00 | 30.47 -0.17 0.00 | 28.71 -0.19 0.00 | 37.05 -0.29 0.00 | 41.11 -0.36 -0.43 | 39.85 -0.42 -0.51 | 40.68 -0.38 -1.35 | 43.79 -0.38 -2.29 | 37.67 -0.38 -1.25 | 39.66 -0.41 -0.52 | 29.15 -0.34 -0.06 | 25.54 -0.25 0.00 | 26.41 -0.17 0.00 |
| GENERAL____MILLS 23808 | 22.28 -0.18 0.00 | 19.97 0.03 0.00 | 19.43 0.10 0.00 | 18.39 0.00 0.00 | 17.69 -0.03 0.00 | 24.29 0.31 0.00 | 23.54 0.05 0.00 | 25.14 0.17 0.00 | 29.17 0.23 0.00 | 24.94 0.18 0.00 | 26.17 0.34 0.00 | 28.60 0.41 0.00 | 30.93 0.28 0.00 | 29.00 0.10 0.00 | 37.06 -0.28 0.00 | 40.45 -0.60 0.00 | 38.71 -1.05 0.00 | 38.97 -0.74 0.00 | 40.88 -0.99 0.00 | 35.64 -1.16 0.00 | 38.49 -1.09 -0.04 | 28.67 -0.88 -0.11 | 25.60 -0.18 0.00 | 26.86 0.28 0.00 |
| GE_PLASTICS____DRP 24183 | 23.02 0.56 0.00 | 20.46 0.52 0.00 | 19.85 0.52 0.00 | 18.90 0.51 0.00 | 18.20 0.48 0.00 | 24.51 0.52 0.00 | 24.17 0.69 0.00 | 25.69 0.72 0.00 | 29.71 0.77 0.00 | 25.44 0.67 0.00 | 28.90 0.65 -2.42 | 28.90 0.72 0.00 | 31.47 0.83 0.00 | 29.75 0.85 0.00 | 38.48 1.13 0.00 | 42.33 1.29 0.00 | 41.01 1.26 0.00 | 41.03 1.32 0.00 | 43.32 1.44 0.00 | 38.16 1.36 0.00 | 41.26 1.40 -0.32 | 31.29 1.02 -0.84 | 26.65 0.86 0.00 | 27.35 0.77 0.00 |
| GILBOA____1 23756 | 23.09 0.63 0.00 | 20.49 0.55 0.00 | 19.93 0.60 0.00 | 18.98 0.59 0.00 | 18.26 0.55 0.00 | 24.55 0.57 0.00 | 24.22 0.73 0.00 | 25.80 0.82 0.00 | 29.86 0.92 0.00 | 25.58 0.82 0.00 | 28.19 0.85 -1.51 | 29.10 0.91 0.00 | 31.68 1.04 0.00 | 29.94 1.04 0.00 | 38.68 1.34 0.00 | 42.48 1.44 0.00 | 41.05 1.29 0.00 | 41.00 1.29 0.00 | 43.19 1.32 0.00 | 38.10 1.29 0.00 | 41.18 1.39 -0.25 | 31.16 1.06 -0.65 | 26.72 0.94 0.00 | 27.46 0.88 0.00 |
| GILBOA____2 23757 | 23.09 0.63 0.00 | 20.49 0.55 0.00 | 19.93 0.60 0.00 | 18.98 0.59 0.00 | 18.26 0.55 0.00 | 24.55 0.57 0.00 | 24.22 0.73 0.00 | 25.80 0.82 0.00 | 29.86 0.92 0.00 | 25.58 0.82 0.00 | 28.19 0.85 -1.51 | 29.10 0.91 0.00 | 31.68 1.04 0.00 | 29.94 1.04 0.00 | 38.68 1.34 0.00 | 42.48 1.44 0.00 | 41.05 1.29 0.00 | 41.00 1.29 0.00 | 43.19 1.32 0.00 | 38.10 1.29 0.00 | 41.18 1.39 -0.25 | 31.16 1.06 -0.65 | 26.72 0.94 0.00 | 27.46 0.88 0.00 |
| GILBOA____3 23758 | 23.09 0.63 0.00 | 20.49 0.55 0.00 | 19.93 0.60 0.00 | 18.98 0.59 0.00 | 18.26 0.55 0.00 | 24.55 0.57 0.00 | 24.22 0.73 0.00 | 25.80 0.82 0.00 | 29.86 0.92 0.00 | 25.58 0.82 0.00 | 28.19 0.85 -1.51 | 29.10 0.91 0.00 | 31.68 1.04 0.00 | 29.94 1.04 0.00 | 38.68 1.34 0.00 | 42.48 1.44 0.00 | 41.05 1.29 0.00 | 41.00 1.29 0.00 | 43.19 1.32 0.00 | 38.10 1.29 0.00 | 41.18 1.39 -0.25 | 31.16 1.06 -0.65 | 26.72 0.94 0.00 | 27.46 0.88 0.00 |
| GILBOA____4 23759 | 23.09 0.63 0.00 | 20.49 0.55 0.00 | 19.93 0.60 0.00 | 18.98 0.59 0.00 | 18.26 0.55 0.00 | 24.55 0.57 0.00 | 24.22 0.73 0.00 | 25.80 0.82 0.00 | 29.86 0.92 0.00 | 25.58 0.82 0.00 | 28.19 0.85 -1.51 | 29.10 0.91 0.00 | 31.68 1.04 0.00 | 29.94 1.04 0.00 | 38.68 1.34 0.00 | 42.48 1.44 0.00 | 41.05 1.29 0.00 | 41.00 1.29 0.00 | 43.19 1.32 0.00 | 38.10 1.29 0.00 | 41.18 1.39 -0.25 | 31.16 1.06 -0.65 | 26.72 0.94 0.00 | 27.46 0.88 0.00 |
| GILBOA____ 23599 | 23.09 0.62 0.00 | 20.48 0.54 0.00 | 19.93 0.60 0.00 | 18.98 0.59 0.00 | 18.26 0.55 0.00 | 24.55 0.56 0.00 | 24.22 0.73 0.00 | 25.80 0.83 0.00 | 29.87 0.92 0.00 | 25.59 0.82 0.00 | 28.19 0.85 -1.51 | 29.10 0.91 0.00 | 31.68 1.04 0.00 | 29.94 1.04 0.00 | 38.68 1.34 0.00 | 42.49 1.45 0.00 | 41.05 1.29 0.00 | 41.00 1.29 0.00 | 43.19 1.32 0.00 | 38.10 1.29 0.00 | 41.18 1.39 -0.25 | 31.16 1.07 -0.65 | 26.72 0.94 0.00 | 27.47 0.88 0.00 |
| GINNA____ 23603 | 21.33 -1.13 0.00 | 19.01 -0.93 0.00 | 18.48 -0.85 0.00 | 17.54 -0.85 0.00 | 16.89 -0.83 0.00 | 23.01 -0.97 0.00 | 22.45 -1.04 0.00 | 23.93 -1.04 0.00 | 27.79 -1.16 0.00 | 23.78 -0.99 0.00 | 24.89 -0.95 0.00 | 27.15 -1.03 0.00 | 29.45 -1.19 0.00 | 27.71 -1.19 0.00 | 35.62 -1.72 0.00 | 39.06 -1.98 0.00 | 37.64 -2.12 0.00 | 37.80 -1.91 0.00 | 39.85 -2.03 0.00 | 34.84 -1.97 0.00 | 37.51 -2.06 -0.03 | 27.85 -1.66 -0.08 | 24.62 -1.17 0.00 | 25.55 -1.03 0.00 |
| GLEN PARK____ 23778 | 22.60 0.13 0.00 | 20.05 0.11 0.00 | 19.40 0.07 0.00 | 18.52 0.12 0.00 | 17.93 0.21 0.00 | 24.23 0.24 0.00 | 23.92 0.43 0.00 | 25.84 0.77 -0.10 | 31.39 1.01 -1.44 | 25.76 0.92 -0.06 | 27.04 1.21 0.00 | 29.59 1.41 0.00 | 31.93 1.28 0.00 | 29.58 0.68 0.00 | 37.95 0.62 0.00 | 41.55 0.09 -0.42 | 40.95 0.54 -0.65 | 41.33 -0.13 -1.75 | 45.58 0.73 -2.97 | 39.50 1.08 -1.61 | 41.47 1.27 -0.66 | 30.35 0.88 -0.04 | 26.38 0.59 0.00 | 26.99 0.40 0.00 |

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| GLENDALE_27_KV_LOAD 356172 | 23.89 1.43 0.00 | 21.06 1.11 0.00 | 20.37 1.04 0.00 | 19.43 1.04 0.00 | 18.69 0.97 0.00 | 25.18 1.20 0.00 | 25.06 1.58 0.00 | 26.88 1.91 0.00 | 31.15 2.20 0.00 | 26.76 1.99 0.00 | 38.56 2.15 -10.58 | 30.48 2.30 0.00 | 33.26 2.62 0.00 | 31.49 2.60 0.00 | 40.71 3.37 0.00 | 44.88 3.84 0.00 | 43.20 3.44 0.00 | 43.11 3.40 0.00 | 45.30 3.43 0.00 | 39.76 2.95 0.00 | 42.88 3.09 -0.25 | 32.50 2.40 -0.66 | 27.95 2.16 0.00 | 28.62 2.03 0.00 |
| GLENWOOD_IC_1_G5 23712 | 24.02 1.56 0.00 | 21.19 1.25 0.00 | 20.50 1.17 0.00 | 19.53 1.13 0.00 | 18.80 1.08 0.00 | 25.29 1.31 0.00 | 25.16 1.68 0.00 | 26.92 1.94 0.00 | 31.23 2.28 0.00 | 26.80 2.03 0.00 | 38.57 2.25 -10.49 | 30.60 2.42 0.00 | 35.08 2.75 -1.69 | 59.51 2.64 -27.97 | 51.69 3.31 -11.04 | 56.73 3.78 -11.90 | 51.86 3.44 -8.66 | 43.10 3.29 -0.10 | 45.23 3.35 0.00 | 39.67 2.87 0.00 | 42.76 2.96 -0.25 | 37.91 2.35 -6.13 | 28.60 2.14 -0.67 | 29.16 2.20 -0.38 |
| GLENWOOD_IC_2_G1 23688 | 23.89 1.42 0.00 | 21.10 1.16 0.00 | 20.38 1.05 0.00 | 19.43 1.04 0.00 | 18.69 0.98 0.00 | 25.17 1.18 0.00 | 25.03 1.54 0.00 | 26.77 1.80 0.00 | 31.04 2.10 0.00 | 26.63 1.87 0.00 | 38.38 2.05 -10.50 | 30.39 2.21 0.00 | 34.84 2.51 -1.69 | 59.33 2.47 -27.97 | 51.60 3.22 -11.04 | 56.60 3.65 -11.90 | 51.76 3.34 -8.66 | 43.06 3.25 -0.10 | 45.21 3.33 0.00 | 39.66 2.85 0.00 | 42.76 2.97 -0.25 | 37.90 2.33 -6.13 | 28.55 2.10 -0.67 | 28.98 2.02 -0.38 |
| GLENWOOD_IC_3_G1 23689 | 23.89 1.42 0.00 | 21.10 1.16 0.00 | 20.38 1.05 0.00 | 19.43 1.04 0.00 | 18.69 0.98 0.00 | 25.17 1.18 0.00 | 25.03 1.54 0.00 | 26.77 1.80 0.00 | 31.04 2.10 0.00 | 26.63 1.87 0.00 | 38.38 2.05 -10.50 | 30.39 2.21 0.00 | 34.84 2.51 -1.69 | 59.33 2.47 -27.97 | 51.60 3.22 -11.04 | 56.60 3.65 -11.90 | 51.76 3.34 -8.66 | 43.06 3.25 -0.10 | 45.21 3.33 0.00 | 39.66 2.85 0.00 | 42.76 2.97 -0.25 | 37.90 2.33 -6.13 | 28.55 2.10 -0.67 | 28.98 2.02 -0.38 |
| GLENWOOD___4 23550 | 24.02 1.56 0.00 | 21.19 1.25 0.00 | 20.50 1.17 0.00 | 19.53 1.13 0.00 | 18.80 1.08 0.00 | 25.29 1.31 0.00 | 25.16 1.68 0.00 | 26.92 1.94 0.00 | 31.23 2.28 0.00 | 26.80 2.03 0.00 | 38.57 2.25 -10.49 | 30.60 2.42 0.00 | 35.08 2.75 -1.69 | 59.53 2.66 -27.97 | 51.78 3.40 -11.04 | 56.84 3.89 -11.90 | 51.95 3.53 -8.66 | 43.19 3.38 -0.10 | 45.33 3.46 0.00 | 39.77 2.96 0.00 | 42.86 3.06 -0.25 | 37.98 2.42 -6.13 | 28.65 2.20 -0.67 | 29.16 2.20 -0.38 |
| GLENWOOD___5 23614 | 24.02 1.56 0.00 | 21.19 1.25 0.00 | 20.50 1.17 0.00 | 19.53 1.13 0.00 | 18.80 1.08 0.00 | 25.29 1.31 0.00 | 25.16 1.68 0.00 | 26.92 1.94 0.00 | 31.23 2.28 0.00 | 26.80 2.03 0.00 | 38.57 2.25 -10.49 | 30.60 2.42 0.00 | 35.08 2.75 -1.69 | 59.53 2.66 -27.97 | 51.78 3.40 -11.04 | 56.84 3.89 -11.90 | 51.95 3.53 -8.66 | 43.19 3.38 -0.10 | 45.33 3.46 0.00 | 39.77 2.96 0.00 | 42.86 3.06 -0.25 | 37.98 2.42 -6.13 | 28.65 2.20 -0.67 | 29.16 2.20 -0.38 |
| GLOBAL GREEN_PORT_GT1 23814 | 25.78 3.31 0.00 | 22.75 2.80 0.00 | 21.73 2.40 0.00 | 20.65 2.26 0.00 | 19.92 2.20 0.00 | 26.97 2.98 0.00 | 26.96 3.47 0.00 | 28.85 3.88 0.00 | 33.66 4.72 0.00 | 29.07 4.30 0.00 | 40.70 4.37 -10.50 | 32.97 4.78 0.00 | 37.59 5.25 -1.69 | 62.02 5.15 -27.97 | 55.05 6.67 -11.04 | 60.31 7.35 -11.91 | 55.27 6.85 -8.66 | 46.52 6.71 -0.10 | 48.94 7.07 0.00 | 42.92 6.12 0.00 | 46.11 6.31 -0.25 | 40.66 5.10 -6.13 | 31.03 4.57 -0.67 | 31.59 4.62 -0.38 |
| GLOBE___DSASP 323697 | 21.72 -0.74 0.00 | 19.54 -0.40 0.00 | 18.99 -0.34 0.00 | 17.98 -0.42 0.00 | 17.28 -0.44 0.00 | 23.72 -0.26 0.00 | 22.89 -0.60 0.00 | 24.37 -0.60 0.00 | 28.26 -0.69 0.00 | 24.13 -0.64 0.00 | 25.29 -0.54 0.00 | 27.57 -0.61 0.00 | 29.69 -0.96 0.00 | 27.79 -1.12 0.00 | 35.39 -1.95 0.00 | 38.59 -2.45 0.00 | 36.93 -2.83 0.00 | 37.25 -2.46 0.00 | 39.08 -2.80 0.00 | 34.10 -2.71 0.00 | 36.86 -2.73 -0.04 | 27.50 -2.04 -0.10 | 24.72 -1.07 0.00 | 26.02 -0.57 0.00 |
| GOETHSLN___LBMP 323567 | 23.59 1.13 0.00 | 20.81 0.87 0.00 | 20.14 0.81 0.00 | 19.23 0.84 0.00 | 18.50 0.78 0.00 | 24.87 0.89 0.00 | 24.74 1.25 0.00 | 26.52 1.55 0.00 | 29.81 1.78 0.92 | 26.39 1.62 0.00 | 27.42 1.77 0.18 | 29.97 1.89 0.10 | 32.83 2.19 0.00 | 31.06 2.16 0.00 | 40.15 2.81 0.00 | 44.28 3.24 0.00 | 42.65 2.89 0.00 | 42.56 2.85 0.00 | 44.73 2.86 0.00 | 39.22 2.41 0.00 | 42.32 2.52 -0.25 | 32.06 1.96 -0.66 | 27.59 1.81 0.00 | 28.24 1.66 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 22.48 0.02 0.00 | 20.13 0.19 0.00 | 19.56 0.24 0.00 | 18.55 0.16 0.00 | 17.86 0.14 0.00 | 24.48 0.49 0.00 | 23.77 0.28 0.00 | 25.33 0.36 0.00 | 29.37 0.42 0.00 | 25.09 0.32 0.00 | 26.26 0.43 0.00 | 28.66 0.48 0.00 | 30.96 0.32 0.00 | 29.10 0.20 0.00 | 37.31 -0.03 0.00 | 40.88 -0.16 0.00 | 39.38 -0.38 0.00 | 39.67 -0.04 0.00 | 41.77 -0.11 0.00 | 36.52 -0.28 0.00 | 39.38 -0.19 -0.03 | 29.26 -0.26 -0.08 | 25.90 0.12 0.00 | 26.98 0.39 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 23.21 0.75 0.00 | 20.59 0.65 0.00 | 20.01 0.68 0.00 | 19.04 0.64 0.00 | 18.33 0.62 0.00 | 24.76 0.77 0.00 | 24.43 0.95 0.00 | 26.11 1.11 -0.03 | 30.69 1.31 -0.43 | 25.93 1.14 -0.02 | 27.08 1.25 0.00 | 29.53 1.35 0.00 | 32.13 1.49 0.00 | 30.33 1.43 0.00 | 39.17 1.83 0.00 | 43.21 2.04 -0.13 | 41.80 1.89 -0.15 | 42.05 1.93 -0.40 | 44.57 2.01 -0.69 | 38.97 1.79 -0.37 | 41.70 1.88 -0.27 | 31.12 1.36 -0.32 | 26.93 1.15 0.00 | 27.69 1.11 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 22.61 0.15 0.00 | 20.07 0.13 0.00 | 19.54 0.21 0.00 | 18.54 0.15 0.00 | 17.88 0.16 0.00 | 24.25 0.27 0.00 | 23.79 0.31 0.00 | 25.45 0.42 -0.06 | 30.28 0.48 -0.85 | 25.21 0.41 -0.04 | 26.30 0.47 0.00 | 28.70 0.52 0.00 | 31.17 0.53 0.00 | 29.36 0.46 0.00 | 37.86 0.52 0.00 | 41.87 0.58 -0.25 | 40.47 0.41 -0.30 | 40.95 0.45 -0.79 | 43.64 0.42 -1.34 | 37.84 0.31 -0.73 | 40.26 0.34 -0.37 | 29.88 0.24 -0.21 | 26.06 0.27 0.00 | 27.01 0.42 0.00 |
| GOUDEY___7 23579 | 22.63 0.17 0.00 | 20.09 0.14 0.00 | 19.56 0.23 0.00 | 18.56 0.17 0.00 | 17.90 0.18 0.00 | 24.27 0.29 0.00 | 23.81 0.33 0.00 | 25.47 0.44 -0.06 | 30.31 0.51 -0.85 | 25.24 0.43 -0.04 | 26.34 0.51 0.00 | 28.74 0.55 0.00 | 31.20 0.56 0.00 | 29.40 0.50 0.00 | 37.90 0.56 0.00 | 41.92 0.63 -0.25 | 40.53 0.47 -0.30 | 41.00 0.50 -0.79 | 43.69 0.47 -1.34 | 37.88 0.35 -0.73 | 40.30 0.38 -0.37 | 29.91 0.27 -0.21 | 26.08 0.30 0.00 | 27.04 0.45 0.00 |
| GOUDEY___8 23580 | 22.61 0.15 0.00 | 20.07 0.13 0.00 | 19.54 0.21 0.00 | 18.54 0.15 0.00 | 17.88 0.16 0.00 | 24.25 0.27 0.00 | 23.79 0.31 0.00 | 25.45 0.42 -0.06 | 30.28 0.48 -0.85 | 25.21 0.41 -0.04 | 26.30 0.47 0.00 | 28.70 0.52 0.00 | 31.17 0.53 0.00 | 29.36 0.46 0.00 | 37.86 0.52 0.00 | 41.87 0.58 -0.25 | 40.47 0.41 -0.30 | 40.95 0.45 -0.79 | 43.64 0.42 -1.34 | 37.84 0.31 -0.73 | 40.26 0.34 -0.37 | 29.88 0.24 -0.21 | 26.06 0.27 0.00 | 27.01 0.42 0.00 |
| GOWANUS_GT1_1 24077 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |

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| GOWANUS_GT1_2 24078 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT1_3 24079 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT1_4 24080 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT1_5 24084 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT1_6 24111 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT1_7 24112 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT1_8 24113 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT2_1 24114 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT2_2 24115 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT2_3 24116 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT2_4 24117 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT2_5 24118 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT2_6 24119 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT2_7 24120 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT2_8 24121 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |

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| GOWANUS_GT3_1 24122 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.69 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT3_2 24123 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.69 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT3_3 24124 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.69 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT3_4 24125 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.69 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT3_5 24126 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.69 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT3_6 24127 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.69 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT3_7 24128 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.69 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT3_8 24129 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.69 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| GOWANUS_GT4_1 24130 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT4_2 24131 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT4_3 24132 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT4_4 24133 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT4_5 24134 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT4_6 24135 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GOWANUS_GT4_7 24136 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| GOWANUS_GT4_8 24137 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GREENBSH_115KV_TB3 55895 | 22.91 0.45 0.00 | 20.38 0.44 0.00 | 19.77 0.44 0.00 | 18.83 0.44 0.00 | 18.13 0.41 0.00 | 24.39 0.40 0.00 | 24.07 0.59 0.00 | 25.56 0.60 0.00 | 29.55 0.60 0.00 | 25.31 0.54 0.00 | 28.83 0.51 -2.49 | 28.75 0.57 0.00 | 31.31 0.67 0.00 | 29.61 0.71 0.00 | 38.30 0.96 0.00 | 42.16 1.12 0.00 | 40.86 1.11 0.00 | 40.88 1.17 0.00 | 43.17 1.30 0.00 | 38.05 1.24 0.00 | 41.12 1.26 -0.32 | 31.18 0.90 -0.84 | 26.53 0.75 0.00 | 27.23 0.64 0.00 |
| GREENDGE_115KV_TB5 80291 | 22.50 0.04 0.00 | 20.04 0.10 0.00 | 19.52 0.19 0.00 | 18.52 0.13 0.00 | 17.85 0.14 0.00 | 24.31 0.32 0.00 | 23.81 0.33 0.00 | 25.51 0.50 -0.05 | 30.14 0.49 -0.70 | 25.35 0.55 -0.03 | 26.43 0.60 0.00 | 28.83 0.65 0.00 | 31.17 0.53 0.00 | 29.35 0.45 0.00 | 37.63 0.29 0.00 | 41.48 0.23 -0.21 | 40.00 0.00 -0.24 | 40.51 0.15 -0.65 | 43.16 0.19 -1.09 | 37.48 0.08 -0.60 | 39.94 0.11 -0.29 | 29.64 0.08 -0.13 | 26.01 0.22 0.00 | 27.08 0.49 0.00 |
| GREENIDGE___3 23582 | 22.50 0.04 0.00 | 20.04 0.10 0.00 | 19.52 0.19 0.00 | 18.52 0.13 0.00 | 17.85 0.14 0.00 | 24.31 0.32 0.00 | 23.81 0.33 0.00 | 25.51 0.50 -0.05 | 30.14 0.49 -0.70 | 25.35 0.55 -0.03 | 26.43 0.60 0.00 | 28.83 0.65 0.00 | 31.17 0.53 0.00 | 29.35 0.45 0.00 | 37.63 0.29 0.00 | 41.48 0.23 -0.21 | 40.00 0.00 -0.24 | 40.51 0.15 -0.65 | 43.16 0.19 -1.09 | 37.48 0.08 -0.60 | 39.94 0.11 -0.29 | 29.64 0.08 -0.13 | 26.01 0.22 0.00 | 27.08 0.49 0.00 |
| GREENIDGE___4 23583 | 22.50 0.04 0.00 | 20.00 0.06 0.00 | 19.52 0.19 0.00 | 18.52 0.13 0.00 | 17.85 0.14 0.00 | 24.30 0.31 0.00 | 23.81 0.33 0.00 | 25.51 0.50 -0.05 | 30.13 0.49 -0.70 | 25.35 0.55 -0.03 | 26.43 0.60 0.00 | 28.83 0.65 0.00 | 31.17 0.53 0.00 | 29.35 0.45 0.00 | 37.63 0.29 0.00 | 41.48 0.23 0.00 | 40.00 0.00 0.15 | 40.51 0.15 0.19 | 43.16 0.19 0.07 | 37.48 0.07 0.11 | 39.94 0.11 -0.29 | 29.64 0.07 -0.13 | 26.02 0.24 0.00 | 27.08 0.49 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 24.19 1.73 0.00 | 21.33 1.39 0.00 | 20.62 1.29 0.00 | 19.62 1.22 0.00 | 18.89 1.18 0.00 | 25.39 1.40 0.00 | 25.29 1.81 0.00 | 27.01 2.04 0.00 | 31.33 2.38 0.00 | 26.89 2.12 0.00 | 38.67 2.34 -10.49 | 30.69 2.51 0.00 | 35.16 2.83 -1.69 | 59.66 2.79 -27.97 | 52.06 3.68 -11.04 | 56.97 4.02 -11.90 | 52.10 3.69 -8.66 | 43.28 3.47 -0.10 | 45.51 3.64 0.00 | 39.91 3.10 0.00 | 42.95 3.16 -0.25 | 38.20 2.63 -6.13 | 28.93 2.47 -0.67 | 29.39 2.42 -0.38 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |
| GRISSOM___SOLAR 323813 | 24.55 2.09 0.00 | 21.74 1.80 0.00 | 21.22 1.89 0.00 | 20.18 1.79 0.00 | 19.45 1.73 0.00 | 26.16 2.17 0.00 | 25.75 2.27 0.00 | 27.44 2.47 0.00 | 31.55 2.61 0.00 | 26.64 1.87 0.00 | 30.67 2.47 -2.36 | 30.34 2.15 0.00 | 32.11 1.46 0.00 | 30.91 2.01 0.00 | 40.90 3.56 0.00 | 44.30 3.26 0.00 | 44.45 4.69 0.00 | 43.24 3.53 0.00 | 46.28 4.40 0.00 | 40.66 3.85 0.00 | 43.96 4.09 -0.33 | 33.20 2.89 -0.87 | 28.26 2.48 0.00 | 29.12 2.54 0.00 |
| GROVEVILLE___HYD 323602 | 23.79 1.33 0.00 | 21.01 1.07 0.00 | 20.35 1.02 0.00 | 19.39 1.00 0.00 | 18.66 0.94 0.00 | 25.15 1.16 0.00 | 24.94 1.46 0.00 | 26.68 1.71 0.00 | 30.93 1.98 0.00 | 26.52 1.76 0.00 | 27.70 1.87 0.00 | 30.20 2.02 0.00 | 32.98 2.33 0.00 | 31.23 2.33 0.00 | 40.43 3.09 0.00 | 44.60 3.56 0.00 | 43.10 3.34 0.00 | 43.08 3.36 0.00 | 45.33 3.45 0.00 | 39.78 2.98 0.00 | 42.90 3.10 -0.25 | 32.40 2.30 -0.67 | 27.79 2.00 0.00 | 28.46 1.88 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 22.43 -0.03 0.00 | 19.95 0.01 0.00 | 19.36 0.03 0.00 | 18.41 0.02 0.00 | 17.75 0.03 0.00 | 24.02 0.04 0.00 | 23.49 0.01 0.00 | 25.14 0.03 -0.15 | 31.19 0.05 -2.20 | 24.90 0.03 -0.10 | 25.96 0.13 0.00 | 28.33 0.15 0.00 | 30.76 0.12 0.00 | 28.98 0.08 0.00 | 37.39 0.05 0.00 | 41.71 0.02 -0.65 | 40.48 -0.06 -0.77 | 41.72 -0.03 -2.05 | 45.32 -0.02 -3.46 | 38.62 -0.07 -1.88 | 40.26 -0.06 -0.78 | 29.40 -0.10 -0.07 | 25.74 -0.05 0.00 | 26.61 0.03 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 22.49 0.02 0.00 | 20.00 0.06 0.00 | 19.38 0.05 0.00 | 18.43 0.04 0.00 | 17.78 0.06 0.00 | 24.09 0.10 0.00 | 23.59 0.11 0.00 | 25.27 0.14 -0.16 | 31.44 0.18 -2.32 | 25.00 0.13 -0.10 | 25.99 0.16 0.00 | 28.37 0.19 0.00 | 30.84 0.20 0.00 | 29.06 0.16 0.00 | 37.50 0.16 0.00 | 41.82 0.10 -0.68 | 40.59 0.02 -0.82 | 42.03 0.16 -2.16 | 45.72 0.19 -3.66 | 38.88 0.08 -1.99 | 40.47 0.11 -0.82 | 29.52 0.01 -0.07 | 25.86 0.08 0.00 | 26.72 0.14 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 21.89 -0.57 0.00 | 19.41 -0.53 0.00 | 18.75 -0.58 0.00 | 17.87 -0.52 0.00 | 17.26 -0.46 0.00 | 23.41 -0.58 0.00 | 22.91 -0.57 0.00 | 24.48 -0.53 -0.04 | 28.99 -0.55 -0.60 | 24.34 -0.45 -0.03 | 25.44 -0.39 0.00 | 27.80 -0.38 0.00 | 30.13 -0.52 0.00 | 28.22 -0.68 0.00 | 36.36 -0.98 0.00 | 40.00 -1.22 -0.18 | 39.13 -0.89 -0.27 | 39.27 -1.15 -0.71 | 42.16 -0.92 -1.20 | 36.83 -0.63 -0.65 | 39.26 -0.55 -0.27 | 28.98 -0.47 -0.02 | 25.23 -0.56 0.00 | 25.88 -0.71 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 22.45 -0.01 0.00 | 19.97 0.03 0.00 | 19.47 0.14 0.00 | 18.52 0.12 0.00 | 17.86 0.14 0.00 | 24.02 0.04 0.00 | 23.71 0.23 0.00 | 25.18 0.21 0.00 | 29.13 0.19 0.00 | 24.93 0.16 0.00 | 25.98 0.15 0.00 | 28.28 0.10 0.00 | 30.81 0.17 0.00 | 29.19 0.29 0.00 | 37.73 0.39 0.00 | 41.62 0.58 0.00 | 40.65 0.89 0.00 | 40.57 0.86 0.00 | 42.90 1.02 0.00 | 37.85 1.04 0.00 | 40.59 1.05 0.00 | 30.08 0.64 0.00 | 26.24 0.46 0.00 | 26.81 0.22 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 23.54 1.08 0.00 | 20.79 0.85 0.00 | 20.15 0.82 0.00 | 19.21 0.82 0.00 | 18.48 0.76 0.00 | 24.89 0.90 0.00 | 24.67 1.19 0.00 | 26.42 1.45 0.00 | 30.65 1.70 0.00 | 26.27 1.50 0.00 | 17.02 1.66 10.47 | 29.98 1.80 0.00 | 32.75 2.11 0.00 | 31.01 2.12 0.00 | 40.13 2.79 0.00 | 44.29 3.24 0.00 | 42.79 3.03 0.00 | 42.63 2.92 0.00 | 44.83 2.95 0.00 | 39.32 2.52 0.00 | 42.41 2.64 -0.23 | 32.02 1.98 -0.61 | 27.51 1.73 0.00 | 28.18 1.59 0.00 |
| HARSNRAD_115KV_TB1 81005 | 21.97 -0.49 0.00 | 19.73 -0.21 0.00 | 19.18 -0.15 0.00 | 18.15 -0.24 0.00 | 17.45 -0.27 0.00 | 23.97 -0.01 0.00 | 23.14 -0.34 0.00 | 24.68 -0.29 0.00 | 28.61 -0.34 0.00 | 24.44 -0.33 0.00 | 25.63 -0.20 0.00 | 28.00 -0.18 0.00 | 30.27 -0.37 0.00 | 28.35 -0.55 0.00 | 36.14 -1.20 0.00 | 39.44 -1.60 0.00 | 37.82 -1.94 0.00 | 38.12 -1.59 0.00 | 40.02 -1.86 0.00 | 34.92 -1.89 0.00 | 37.73 -1.85 -0.04 | 28.11 -1.43 -0.10 | 25.20 -0.58 0.00 | 26.48 -0.10 0.00 |

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| HARZA MOOSE___RIVER 24016 | 22.59 0.13 0.00 | 20.05 0.11 0.00 | 19.43 0.10 0.00 | 18.52 0.13 0.00 | 17.88 0.16 0.00 | 24.15 0.17 0.00 | 23.69 0.21 0.00 | 25.33 0.32 -0.04 | 29.95 0.44 -0.56 | 25.24 0.44 -0.02 | 26.46 0.63 0.00 | 28.93 0.75 0.00 | 31.42 0.77 0.00 | 29.42 0.52 0.00 | 37.83 0.49 0.00 | 41.61 0.41 -0.16 | 40.59 0.60 -0.24 | 40.71 0.37 -0.63 | 43.56 0.62 -1.07 | 38.10 0.71 -0.58 | 40.69 0.90 -0.24 | 29.99 0.52 -0.03 | 26.16 0.37 0.00 | 26.83 0.25 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 22.30 -0.16 0.00 | 19.81 -0.13 0.00 | 19.23 -0.10 0.00 | 18.28 -0.12 0.00 | 17.62 -0.10 0.00 | 23.87 -0.11 0.00 | 23.33 -0.15 0.00 | 24.91 -0.14 -0.08 | 29.99 -0.15 -1.20 | 24.70 -0.12 -0.05 | 25.75 -0.08 0.00 | 28.08 -0.10 0.00 | 30.46 -0.18 0.00 | 28.69 -0.20 0.00 | 37.02 -0.32 0.00 | 41.03 -0.37 -0.35 | 39.74 -0.44 -0.42 | 40.43 -0.39 -1.12 | 43.35 -0.41 -1.89 | 37.43 -0.40 -1.03 | 39.55 -0.43 -0.43 | 29.13 -0.37 -0.06 | 25.54 -0.25 0.00 | 26.44 -0.14 0.00 |
| HELLGATE_13_KV_LD 55870 | 23.76 1.30 0.00 | 20.95 1.01 0.00 | 20.28 0.94 0.00 | 19.34 0.95 0.00 | 18.61 0.89 0.00 | 25.06 1.07 0.00 | 24.94 1.46 0.00 | 26.73 1.76 0.00 | 30.97 2.03 0.00 | 26.60 1.84 -10.58 | 38.39 1.98 0.00 | 30.29 2.11 0.00 | 33.06 2.42 0.00 | 31.30 2.40 0.00 | 40.45 3.11 0.00 | 44.60 3.56 0.00 | 42.91 3.16 0.00 | 42.82 3.11 0.00 | 45.01 3.14 0.00 | 39.50 2.70 0.00 | 42.61 2.81 -0.25 | 32.30 2.20 -0.66 | 27.78 1.99 0.00 | 28.45 1.86 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 23.76 1.30 0.00 | 20.95 1.01 0.00 | 20.28 0.94 0.00 | 19.34 0.95 0.00 | 18.61 0.89 0.00 | 25.06 1.07 0.00 | 24.94 1.46 0.00 | 26.73 1.76 0.00 | 30.97 2.03 0.00 | 26.60 1.84 -10.58 | 38.39 1.98 0.00 | 30.29 2.11 0.00 | 33.06 2.42 0.00 | 31.30 2.40 0.00 | 40.45 3.11 0.00 | 44.60 3.56 0.00 | 42.91 3.16 0.00 | 42.82 3.11 0.00 | 45.01 3.14 0.00 | 39.50 2.70 0.00 | 42.61 2.81 -0.25 | 32.30 2.20 -0.66 | 27.78 1.99 0.00 | 28.45 1.86 0.00 |
| HEMPSTEAD____ 23647 | 24.07 1.61 0.00 | 21.27 1.33 0.00 | 20.51 1.18 0.00 | 19.54 1.14 0.00 | 18.81 1.09 0.00 | 25.31 1.32 0.00 | 25.20 1.72 0.00 | 26.93 1.96 0.00 | 31.25 2.30 0.00 | 26.79 2.02 -10.50 | 38.55 2.22 0.00 | 30.54 2.35 0.00 | 35.04 2.70 -1.69 | 59.49 2.63 -27.97 | 51.83 3.45 -11.04 | 57.01 4.06 -11.90 | 52.04 3.62 -8.66 | 43.18 3.36 -0.10 | 45.35 3.48 0.00 | 39.78 2.97 0.00 | 42.85 3.06 -0.25 | 38.07 2.50 -6.13 | 28.76 2.30 -0.67 | 29.23 2.27 -0.38 |
| HEWLETT__69_KV_BK3 55828 | 24.20 1.74 0.00 | 21.36 1.41 0.00 | 20.68 1.34 0.00 | 19.69 1.30 0.00 | 18.96 1.24 0.00 | 25.45 1.46 0.00 | 25.33 1.85 0.00 | 27.05 2.08 0.00 | 31.38 2.44 0.00 | 26.92 2.15 -10.49 | 38.74 2.41 0.00 | 30.79 2.61 0.00 | 35.31 2.97 -1.69 | 59.81 2.94 -27.97 | 52.25 3.87 -11.04 | 57.28 4.33 -11.90 | 52.43 4.01 -8.66 | 43.63 3.82 -0.10 | 45.83 3.96 0.00 | 40.19 3.38 0.00 | 43.29 3.50 -0.25 | 38.40 2.83 -6.13 | 29.07 2.61 -0.67 | 29.49 2.52 -0.38 |
| HICKLING___1 23621 | 22.58 0.12 0.00 | 20.05 0.11 0.00 | 19.57 0.24 0.00 | 18.53 0.14 0.00 | 17.88 0.16 0.00 | 24.42 0.44 0.00 | 23.95 0.47 0.00 | 25.67 0.65 -0.05 | 30.38 0.75 -0.69 | 25.47 0.67 -0.03 | 26.58 0.75 0.00 | 28.98 0.80 0.00 | 31.39 0.75 0.00 | 29.53 0.63 0.00 | 37.97 0.63 0.00 | 41.89 0.65 -0.20 | 40.34 0.34 -0.24 | 40.84 0.49 -0.64 | 43.42 0.46 -1.08 | 37.64 0.25 -0.59 | 40.11 0.27 -0.30 | 29.73 0.13 -0.16 | 26.07 0.29 0.00 | 27.21 0.62 0.00 |
| HICKLING___2 23622 | 22.58 0.12 0.00 | 20.05 0.11 0.00 | 19.57 0.24 0.00 | 18.53 0.14 0.00 | 17.88 0.16 0.00 | 24.42 0.44 0.00 | 23.95 0.47 0.00 | 25.67 0.65 -0.05 | 30.38 0.75 -0.69 | 25.47 0.67 -0.03 | 26.58 0.75 0.00 | 28.98 0.80 0.00 | 31.39 0.75 0.00 | 29.53 0.63 0.00 | 37.97 0.63 0.00 | 41.89 0.65 -0.20 | 40.34 0.34 -0.24 | 40.84 0.49 -0.64 | 43.42 0.46 -1.08 | 37.64 0.25 -0.59 | 40.11 0.27 -0.30 | 29.73 0.13 -0.16 | 26.07 0.29 0.00 | 27.21 0.62 0.00 |
| HIGH FALLS___HY 23754 | 23.64 1.18 0.00 | 20.86 0.92 0.00 | 20.23 0.90 0.00 | 19.28 0.88 0.00 | 18.55 0.83 0.00 | 24.97 0.98 0.00 | 24.74 1.26 0.00 | 26.54 1.57 0.00 | 30.79 1.84 0.00 | 26.37 1.60 0.00 | 27.58 1.75 0.00 | 30.12 1.94 0.00 | 32.81 2.17 0.00 | 31.03 2.13 0.00 | 40.24 2.90 0.00 | 44.37 3.33 0.00 | 42.95 3.19 0.00 | 42.91 3.20 0.00 | 45.12 3.24 0.00 | 39.55 2.75 0.00 | 42.66 2.87 -0.25 | 32.23 2.14 -0.66 | 27.66 1.88 0.00 | 28.33 1.75 0.00 |
| HILLBURN___GT 23639 | 23.45 0.99 0.00 | 20.69 0.75 0.00 | 20.08 0.76 0.00 | 19.16 0.77 0.00 | 18.43 0.71 0.00 | 24.77 0.78 0.00 | 24.58 1.10 0.00 | 26.33 1.37 0.00 | 30.55 1.61 0.00 | 26.18 1.41 0.00 | 15.14 1.61 12.31 | 29.94 1.76 0.00 | 32.69 2.05 0.00 | 30.94 2.04 0.00 | 40.01 2.67 0.00 | 44.12 3.08 0.00 | 42.59 2.83 0.00 | 42.31 2.60 0.00 | 44.51 2.64 0.00 | 39.06 2.25 0.00 | 42.13 2.35 -0.23 | 31.84 1.78 -0.62 | 27.41 1.62 0.00 | 28.05 1.46 0.00 |
| HILLSIDE_115KV_TB1 80332 | 22.27 -0.19 0.00 | 19.76 -0.18 0.00 | 19.33 0.00 0.00 | 18.29 -0.10 0.00 | 17.65 -0.07 0.00 | 24.02 0.03 0.00 | 23.55 0.07 0.00 | 25.24 0.22 -0.05 | 29.92 0.26 -0.72 | 25.01 0.21 -0.03 | 26.12 0.29 0.00 | 28.48 0.30 0.00 | 30.89 0.25 0.00 | 29.06 0.16 0.00 | 37.42 0.08 0.00 | 41.31 0.06 -0.21 | 39.81 -0.19 -0.25 | 40.27 -0.11 -0.66 | 42.80 -0.19 -1.12 | 37.08 -0.33 -0.61 | 39.50 -0.36 -0.31 | 29.34 -0.27 -0.17 | 25.67 -0.12 0.00 | 26.77 0.18 0.00 |
| HISHELDN_WT_PWR 323625 | 22.16 -0.31 0.00 | 19.78 -0.16 0.00 | 19.32 -0.01 0.00 | 18.30 -0.09 0.00 | 17.61 -0.11 0.00 | 24.15 0.16 0.00 | 23.47 -0.02 0.00 | 25.06 0.09 0.00 | 29.06 0.12 0.00 | 24.86 0.09 0.00 | 26.05 0.22 0.00 | 28.45 0.27 0.00 | 30.77 0.13 0.00 | 28.85 -0.05 0.00 | 36.87 -0.47 0.00 | 40.30 -0.74 0.00 | 38.62 -1.14 0.00 | 38.84 -0.87 0.00 | 40.80 -1.08 0.00 | 35.62 -1.18 0.00 | 38.42 -1.17 -0.05 | 28.61 -0.94 -0.12 | 25.50 -0.28 0.00 | 26.73 0.14 0.00 |
| HOLTSVILLE_IC_1 23690 | 24.58 2.12 0.00 | 21.72 1.78 0.00 | 20.88 1.55 0.00 | 19.86 1.47 0.00 | 19.14 1.42 0.00 | 25.75 1.77 0.00 | 25.68 2.20 0.00 | 27.42 2.45 0.00 | 31.83 2.88 0.00 | 27.37 2.60 -10.50 | 39.09 2.76 0.00 | 31.13 2.95 0.00 | 35.65 3.32 -1.69 | 60.13 3.26 -27.97 | 52.65 4.27 -11.04 | 57.53 4.58 -11.91 | 52.58 4.17 -8.66 | 43.76 3.96 -0.10 | 46.04 4.17 0.00 | 40.38 3.57 0.00 | 43.44 3.64 -0.25 | 38.71 3.15 -6.13 | 29.42 2.96 -0.67 | 29.96 2.99 -0.38 |
| HOLTSVILLE_IC_10 23699 | 24.76 2.30 0.00 | 21.88 1.93 0.00 | 20.99 1.66 0.00 | 19.96 1.57 0.00 | 19.24 1.52 0.00 | 25.93 1.94 0.00 | 25.87 2.39 0.00 | 27.64 2.67 0.00 | 32.09 3.14 0.00 | 27.61 2.84 -10.50 | 39.32 2.99 0.00 | 31.39 3.21 0.00 | 35.94 3.60 -1.69 | 60.42 3.55 -27.98 | 53.04 4.65 -11.04 | 57.93 4.98 -11.91 | 52.94 4.53 -8.66 | 44.19 4.37 -0.10 | 46.48 4.60 0.00 | 40.75 3.95 0.00 | 43.83 4.03 -0.25 | 39.02 3.46 -6.13 | 29.67 3.21 -0.67 | 30.22 3.26 -0.38 |
| HOLTSVILLE_IC_2 23691 | 24.58 2.12 0.00 | 21.72 1.78 0.00 | 20.88 1.55 0.00 | 19.86 1.47 0.00 | 19.14 1.42 0.00 | 25.75 1.77 0.00 | 25.68 2.20 0.00 | 27.42 2.45 0.00 | 31.83 2.88 0.00 | 27.37 2.60 -10.50 | 39.09 2.76 0.00 | 31.13 2.95 0.00 | 35.65 3.32 -1.69 | 60.13 3.26 -27.97 | 52.65 4.27 -11.04 | 57.53 4.58 -11.91 | 52.58 4.17 -8.66 | 43.76 3.96 -0.10 | 46.04 4.17 0.00 | 40.38 3.57 0.00 | 43.44 3.64 -0.25 | 38.71 3.15 -6.13 | 29.42 2.96 -0.67 | 29.96 2.99 -0.38 |

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| HOLTSVILLE_IC_3 23692 | 24.58 2.12 0.00 | 21.72 1.78 0.00 | 20.88 1.55 0.00 | 19.86 1.47 0.00 | 19.14 1.42 0.00 | 25.75 1.77 0.00 | 25.68 2.20 0.00 | 27.42 2.45 0.00 | 31.83 2.88 0.00 | 27.37 2.60 0.00 | 39.09 2.76 -10.50 | 31.13 2.95 0.00 | 35.65 3.32 -1.69 | 60.13 3.26 -27.97 | 52.65 4.27 -11.04 | 57.53 4.58 -11.91 | 52.58 4.17 -8.66 | 43.76 3.96 -0.10 | 46.04 4.17 0.00 | 40.38 3.57 0.00 | 43.44 3.64 -0.25 | 38.71 3.15 -6.13 | 29.42 2.96 -0.67 | 29.96 2.99 -0.38 |
| HOLTSVILLE_IC_4 23693 | 24.58 2.12 0.00 | 21.72 1.78 0.00 | 20.88 1.55 0.00 | 19.86 1.47 0.00 | 19.14 1.42 0.00 | 25.75 1.77 0.00 | 25.68 2.20 0.00 | 27.42 2.45 0.00 | 31.83 2.88 0.00 | 27.37 2.60 0.00 | 39.09 2.76 -10.50 | 31.13 2.95 0.00 | 35.65 3.32 -1.69 | 60.13 3.26 -27.97 | 52.65 4.27 -11.04 | 57.53 4.58 -11.91 | 52.58 4.17 -8.66 | 43.76 3.96 -0.10 | 46.04 4.17 0.00 | 40.38 3.57 0.00 | 43.44 3.64 -0.25 | 38.71 3.15 -6.13 | 29.42 2.96 -0.67 | 29.96 2.99 -0.38 |
| HOLTSVILLE_IC_5 23694 | 24.58 2.12 0.00 | 21.72 1.78 0.00 | 20.88 1.55 0.00 | 19.86 1.47 0.00 | 19.14 1.42 0.00 | 25.75 1.77 0.00 | 25.68 2.20 0.00 | 27.42 2.45 0.00 | 31.83 2.88 0.00 | 27.37 2.60 0.00 | 39.09 2.76 -10.50 | 31.13 2.95 0.00 | 35.65 3.32 -1.69 | 60.13 3.26 -27.97 | 52.65 4.27 -11.04 | 57.53 4.58 -11.91 | 52.58 4.17 -8.66 | 43.76 3.96 -0.10 | 46.04 4.17 0.00 | 40.38 3.57 0.00 | 43.44 3.64 -0.25 | 38.71 3.15 -6.13 | 29.42 2.96 -0.67 | 29.96 2.99 -0.38 |
| HOLTSVILLE_IC_6 23695 | 24.76 2.30 0.00 | 21.88 1.93 0.00 | 20.99 1.66 0.00 | 19.96 1.57 0.00 | 19.24 1.52 0.00 | 25.93 1.94 0.00 | 25.87 2.39 0.00 | 27.64 2.67 0.00 | 32.09 3.14 0.00 | 27.61 2.84 0.00 | 39.32 2.99 -10.50 | 31.39 3.21 0.00 | 35.94 3.60 -1.69 | 60.42 3.55 -27.98 | 53.04 4.65 -11.04 | 57.93 4.98 -11.91 | 52.94 4.53 -8.66 | 44.19 4.37 -0.10 | 46.48 4.60 0.00 | 40.75 3.95 0.00 | 43.83 4.03 -0.25 | 39.02 3.46 -6.13 | 29.67 3.21 -0.67 | 30.22 3.26 -0.38 |
| HOLTSVILLE_IC_7 23696 | 24.76 2.30 0.00 | 21.88 1.93 0.00 | 20.99 1.66 0.00 | 19.96 1.57 0.00 | 19.24 1.52 0.00 | 25.93 1.94 0.00 | 25.87 2.39 0.00 | 27.64 2.67 0.00 | 32.09 3.14 0.00 | 27.61 2.84 0.00 | 39.32 2.99 -10.50 | 31.39 3.21 0.00 | 35.94 3.60 -1.69 | 60.42 3.55 -27.98 | 53.04 4.65 -11.04 | 57.93 4.98 -11.91 | 52.94 4.53 -8.66 | 44.19 4.37 -0.10 | 46.48 4.60 0.00 | 40.75 3.95 0.00 | 43.83 4.03 -0.25 | 39.02 3.46 -6.13 | 29.67 3.21 -0.67 | 30.22 3.26 -0.38 |
| HOLTSVILLE_IC_8 23697 | 24.76 2.30 0.00 | 21.88 1.93 0.00 | 20.99 1.66 0.00 | 19.96 1.57 0.00 | 19.24 1.52 0.00 | 25.93 1.94 0.00 | 25.87 2.39 0.00 | 27.64 2.67 0.00 | 32.09 3.14 0.00 | 27.61 2.84 0.00 | 39.32 2.99 -10.50 | 31.39 3.21 0.00 | 35.94 3.60 -1.69 | 60.42 3.55 -27.98 | 53.04 4.65 -11.04 | 57.93 4.98 -11.91 | 52.94 4.53 -8.66 | 44.19 4.37 -0.10 | 46.48 4.60 0.00 | 40.75 3.95 0.00 | 43.83 4.03 -0.25 | 39.02 3.46 -6.13 | 29.67 3.21 -0.67 | 30.22 3.26 -0.38 |
| HOLTSVILLE_IC_9 23698 | 24.76 2.30 0.00 | 21.88 1.93 0.00 | 20.99 1.66 0.00 | 19.96 1.57 0.00 | 19.24 1.52 0.00 | 25.93 1.94 0.00 | 25.87 2.39 0.00 | 27.64 2.67 0.00 | 32.09 3.14 0.00 | 27.61 2.84 0.00 | 39.32 2.99 -10.50 | 31.39 3.21 0.00 | 35.94 3.60 -1.69 | 60.42 3.55 -27.98 | 53.04 4.65 -11.04 | 57.93 4.98 -11.91 | 52.94 4.53 -8.66 | 44.19 4.37 -0.10 | 46.48 4.60 0.00 | 40.75 3.95 0.00 | 43.83 4.03 -0.25 | 39.02 3.46 -6.13 | 29.67 3.21 -0.67 | 30.22 3.26 -0.38 |
| HOMER_HL_115KV_TB2 355744 | 22.47 0.00 0.00 | 20.06 0.12 0.00 | 19.53 0.20 0.00 | 18.53 0.14 0.00 | 17.84 0.12 0.00 | 24.45 0.46 0.00 | 23.84 0.35 0.00 | 25.53 0.55 0.00 | 29.53 0.58 0.00 | 25.35 0.58 0.00 | 26.48 0.65 0.00 | 28.77 0.58 0.00 | 31.05 0.41 0.00 | 29.12 0.22 0.00 | 37.33 -0.01 0.00 | 40.86 -0.18 0.00 | 39.16 -0.60 0.00 | 39.27 -0.44 0.00 | 41.16 -0.72 0.00 | 35.96 -0.85 0.00 | 38.92 -0.67 -0.05 | 29.09 -0.47 -0.12 | 25.79 0.00 0.00 | 27.03 0.45 0.00 |
| HOWARD_WT_PWR 323690 | 22.09 -0.37 0.00 | 19.78 -0.16 0.00 | 19.41 0.08 0.00 | 18.49 0.09 0.00 | 17.75 0.04 0.00 | 24.26 0.27 0.00 | 23.73 0.25 0.00 | 25.49 0.48 -0.03 | 30.06 0.61 -0.50 | 25.39 0.60 -0.02 | 26.59 0.76 0.00 | 29.01 0.83 0.00 | 31.34 0.70 0.00 | 29.47 0.56 0.00 | 37.66 0.32 0.00 | 41.41 0.22 -0.15 | 39.72 -0.21 -0.17 | 40.09 -0.08 -0.46 | 42.59 -0.06 -0.78 | 36.96 -0.27 -0.43 | 39.43 -0.34 -0.22 | 29.13 -0.44 -0.14 | 25.77 -0.01 0.00 | 27.07 0.49 0.00 |
| HQ_GEN_CEDARS 23644 | 22.23 -0.23 0.00 | 19.73 -0.22 0.00 | 19.09 -0.24 0.00 | 18.15 -0.24 0.00 | 17.49 -0.23 0.00 | 23.74 -0.25 0.00 | 23.15 -0.33 0.00 | 24.61 -0.36 0.00 | 28.56 -0.39 0.00 | 24.40 -0.37 0.00 | 25.46 -0.38 0.00 | 27.77 -0.41 0.00 | 30.16 -0.48 0.00 | 28.42 -0.48 0.00 | 36.77 -0.57 0.00 | 40.39 -0.65 0.00 | 39.29 -0.47 0.00 | 39.02 -0.69 0.00 | 41.17 -0.71 0.00 | 36.20 -0.61 0.00 | 38.96 -0.58 0.00 | 29.04 -0.39 0.00 | 25.34 -0.44 0.00 | 26.09 -0.50 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 22.23 -0.23 0.00 | 19.72 -0.22 0.00 | 19.09 -0.24 0.00 | 18.15 -0.24 0.00 | 17.49 -0.23 0.00 | 23.74 -0.25 0.00 | 23.15 -0.33 0.00 | 24.61 -0.36 0.00 | 28.56 -0.39 0.00 | 24.40 -0.37 0.00 | 25.45 -0.38 0.00 | 27.77 -0.41 0.00 | 30.16 -0.48 0.00 | 28.42 -0.48 0.00 | 36.77 -0.57 0.00 | 40.39 -0.65 0.00 | 39.29 -0.47 0.00 | 39.02 -0.69 0.00 | 41.17 -0.71 0.00 | 36.20 -0.61 0.00 | 38.96 -0.58 0.00 | 29.04 -0.40 0.00 | 25.35 -0.44 0.00 | 26.09 -0.50 0.00 |
| HQ_GEN_IMPORT 323601 | 22.32 -0.14 0.00 | 19.81 -0.13 0.00 | 19.18 -0.15 0.00 | 18.24 -0.15 0.00 | 17.58 -0.14 0.00 | 23.87 -0.12 0.00 | 23.27 -0.21 0.00 | 24.71 -0.26 0.00 | 28.66 -0.28 0.00 | 24.52 -0.25 0.00 | 25.55 -0.28 0.00 | 27.88 -0.31 0.00 | 30.29 -0.36 0.00 | 28.55 -0.34 0.00 | 36.92 -0.42 0.00 | 40.58 -0.46 0.00 | 39.39 -0.37 0.00 | 39.25 -0.46 0.00 | 41.37 -0.50 0.00 | 36.37 -0.43 0.00 | 39.10 -0.44 0.00 | 29.15 -0.29 0.00 | 25.49 -0.30 0.00 | 26.29 -0.29 0.00 |
| HQ_GEN_WHEEL 23651 | 22.32 -0.14 0.00 | 19.81 -0.13 0.00 | 19.18 -0.15 0.00 | 18.24 -0.15 0.00 | 17.58 -0.14 0.00 | 23.87 -0.12 0.00 | 23.27 -0.21 0.00 | 24.71 -0.26 0.00 | 28.66 -0.28 0.00 | 24.52 -0.25 0.00 | 25.55 -0.28 0.00 | 27.88 -0.31 0.00 | 30.29 -0.36 0.00 | 28.55 -0.34 0.00 | 36.92 -0.42 0.00 | 40.58 -0.46 0.00 | 39.39 -0.37 0.00 | 39.25 -0.46 0.00 | 41.37 -0.50 0.00 | 36.37 -0.43 0.00 | 39.10 -0.44 0.00 | 29.15 -0.29 0.00 | 25.49 -0.30 0.00 | 26.29 -0.29 0.00 |
| HUDSON_AVE_GT_3 23810 | 23.77 1.31 0.00 | 20.97 1.03 0.00 | 20.28 0.95 0.00 | 19.36 0.96 0.00 | 18.62 0.90 0.00 | 25.07 1.08 0.00 | 24.93 1.45 0.00 | 26.73 1.76 0.00 | 30.98 2.04 0.00 | 26.61 1.85 0.00 | 38.42 2.00 -10.58 | 30.32 2.14 0.00 | 33.08 2.43 0.00 | 31.31 2.41 0.00 | 40.48 3.14 0.00 | 44.64 3.60 0.00 | 43.02 3.26 0.00 | 42.92 3.21 0.00 | 45.11 3.23 0.00 | 39.58 2.78 0.00 | 42.68 2.89 -0.25 | 32.33 2.23 -0.66 | 27.81 2.03 0.00 | 28.49 1.91 0.00 |
| HUDSON_AVE_GT_4 23540 | 23.77 1.31 0.00 | 20.97 1.03 0.00 | 20.28 0.95 0.00 | 19.36 0.96 0.00 | 18.62 0.90 0.00 | 25.07 1.08 0.00 | 24.93 1.45 0.00 | 26.73 1.76 0.00 | 30.98 2.04 0.00 | 26.61 1.85 0.00 | 38.42 2.00 -10.58 | 30.32 2.14 0.00 | 33.08 2.43 0.00 | 31.31 2.41 0.00 | 40.48 3.14 0.00 | 44.64 3.60 0.00 | 43.02 3.26 0.00 | 42.92 3.21 0.00 | 45.11 3.23 0.00 | 39.58 2.78 0.00 | 42.68 2.89 -0.25 | 32.33 2.23 -0.66 | 27.81 2.03 0.00 | 28.49 1.91 0.00 |

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| HUDSON AVE_GT_5 23657 | 23.77 1.31 0.00 | 20.97 1.03 0.00 | 20.28 0.95 0.00 | 19.36 0.96 0.00 | 18.62 0.90 0.00 | 25.07 1.08 0.00 | 24.93 1.45 0.00 | 26.73 1.76 0.00 | 30.98 2.04 0.00 | 26.61 1.85 0.00 | 38.42 2.00 -10.58 | 30.32 2.14 0.00 | 33.08 2.43 0.00 | 31.31 2.41 0.00 | 40.48 3.14 0.00 | 44.64 3.60 0.00 | 43.02 3.26 0.00 | 42.92 3.21 0.00 | 45.11 3.23 0.00 | 39.58 2.78 0.00 | 42.68 2.89 -0.25 | 32.33 2.23 -0.66 | 27.81 2.03 0.00 | 28.49 1.91 0.00 |
| HUDSON_AVE_10 24168 | 23.68 1.22 0.00 | 20.87 0.93 0.00 | 20.19 0.86 0.00 | 19.27 0.88 0.00 | 18.54 0.82 0.00 | 24.96 0.97 0.00 | 24.83 1.35 0.00 | 26.62 1.65 0.00 | 30.85 1.91 0.00 | 26.50 1.73 0.00 | 38.27 1.86 -10.58 | 30.16 1.98 0.00 | 32.90 2.26 0.00 | 31.15 2.25 0.00 | 40.29 2.95 0.00 | 44.43 3.39 0.00 | 42.81 3.05 0.00 | 42.72 3.01 0.00 | 44.89 3.02 0.00 | 39.40 2.59 0.00 | 42.51 2.72 -0.25 | 32.20 2.10 -0.66 | 27.71 1.92 0.00 | 28.36 1.78 0.00 |
| HUDSON___115KV_TB 4 355613 | 23.43 0.97 0.00 | 20.83 0.89 0.00 | 20.19 0.86 0.00 | 19.22 0.83 0.00 | 18.51 0.79 0.00 | 24.97 0.98 0.00 | 24.65 1.17 0.00 | 26.17 1.20 0.00 | 30.23 1.28 0.00 | 25.83 1.06 0.00 | 28.94 0.92 -2.19 | 29.16 0.97 0.00 | 31.73 1.09 0.00 | 30.03 1.13 0.00 | 38.87 1.53 0.00 | 42.91 1.87 0.00 | 41.69 1.93 0.00 | 41.85 2.13 0.00 | 44.33 2.45 0.00 | 39.15 2.35 0.00 | 42.30 2.45 -0.31 | 31.99 1.73 -0.82 | 27.20 1.42 0.00 | 27.89 1.31 0.00 |
| HUNTER MOUNT___DRP 323613 | 23.58 1.12 0.00 | 20.97 1.03 0.00 | 20.31 0.97 0.00 | 19.33 0.94 0.00 | 18.62 0.90 0.00 | 25.16 1.17 0.00 | 24.83 1.35 0.00 | 26.35 1.38 0.00 | 30.41 1.47 0.00 | 25.93 1.16 0.00 | 28.67 0.97 -1.87 | 29.20 1.01 0.00 | 31.73 1.09 0.00 | 30.05 1.15 0.00 | 38.91 1.57 0.00 | 42.96 1.92 0.00 | 41.82 2.06 0.00 | 42.06 2.34 0.00 | 44.64 2.76 0.00 | 39.49 2.69 0.00 | 42.66 2.82 -0.30 | 32.20 1.98 -0.79 | 27.38 1.60 0.00 | 28.07 1.48 0.00 |
| HUNTINGTON_RES_REC 323705 | 24.49 2.03 0.00 | 21.63 1.69 0.00 | 20.78 1.45 0.00 | 19.76 1.37 0.00 | 19.04 1.32 0.00 | 25.66 1.67 0.00 | 25.58 2.10 0.00 | 27.33 2.35 0.00 | 31.72 2.78 0.00 | 27.25 2.48 0.00 | 38.98 2.66 -10.50 | 31.03 2.85 0.00 | 35.54 3.21 -1.69 | 60.05 3.17 -27.99 | 52.54 4.16 -11.04 | 57.46 4.49 -11.92 | 52.50 4.09 -8.66 | 43.75 3.94 -0.10 | 46.01 4.14 0.00 | 40.34 3.53 0.00 | 43.40 3.61 -0.25 | 38.63 3.06 -6.13 | 29.30 2.85 -0.67 | 29.82 2.85 -0.38 |
| HUNTLEY___63 23557 | 22.25 -0.21 0.00 | 19.98 0.04 0.00 | 19.44 0.11 0.00 | 18.39 -0.01 0.00 | 17.68 -0.04 0.00 | 24.27 0.28 0.00 | 23.46 -0.02 0.00 | 25.03 0.06 0.00 | 29.06 0.12 0.00 | 24.84 0.06 0.00 | 26.05 0.22 0.00 | 28.46 0.28 0.00 | 30.74 0.10 0.00 | 28.81 -0.09 0.00 | 36.76 -0.58 0.00 | 40.13 -0.91 0.00 | 38.46 -1.30 0.00 | 38.78 -0.93 0.00 | 40.66 -1.21 0.00 | 35.45 -1.36 0.00 | 38.28 -1.31 -0.04 | 28.50 -1.05 -0.10 | 25.52 -0.27 0.00 | 26.77 0.19 0.00 |
| HUNTLEY___64 23558 | 22.25 -0.21 0.00 | 19.98 0.04 0.00 | 19.44 0.11 0.00 | 18.39 -0.01 0.00 | 17.68 -0.04 0.00 | 24.27 0.28 0.00 | 23.46 -0.02 0.00 | 25.03 0.06 0.00 | 29.06 0.12 0.00 | 24.84 0.06 0.00 | 26.05 0.22 0.00 | 28.46 0.28 0.00 | 30.74 0.10 0.00 | 28.81 -0.09 0.00 | 36.76 -0.58 0.00 | 40.13 -0.91 0.00 | 38.46 -1.30 0.00 | 38.78 -0.93 0.00 | 40.66 -1.21 0.00 | 35.45 -1.36 0.00 | 38.28 -1.31 -0.04 | 28.50 -1.05 -0.10 | 25.52 -0.27 0.00 | 26.77 0.19 0.00 |
| HUNTLEY___65 23559 | 22.25 -0.21 0.00 | 19.98 0.04 0.00 | 19.44 0.11 0.00 | 18.39 -0.01 0.00 | 17.68 -0.04 0.00 | 24.27 0.28 0.00 | 23.46 -0.02 0.00 | 25.03 0.06 0.00 | 29.06 0.12 0.00 | 24.84 0.06 0.00 | 26.05 0.22 0.00 | 28.46 0.28 0.00 | 30.74 0.10 0.00 | 28.81 -0.09 0.00 | 36.76 -0.58 0.00 | 40.13 -0.91 0.00 | 38.46 -1.30 0.00 | 38.78 -0.93 0.00 | 40.66 -1.21 0.00 | 35.45 -1.36 0.00 | 38.28 -1.31 -0.04 | 28.50 -1.05 -0.10 | 25.52 -0.27 0.00 | 26.77 0.19 0.00 |
| HUNTLEY___66 23560 | 22.25 -0.21 0.00 | 19.98 0.04 0.00 | 19.44 0.11 0.00 | 18.39 -0.01 0.00 | 17.68 -0.04 0.00 | 24.27 0.28 0.00 | 23.46 -0.02 0.00 | 25.03 0.06 0.00 | 29.06 0.12 0.00 | 24.84 0.06 0.00 | 26.05 0.22 0.00 | 28.46 0.28 0.00 | 30.74 0.10 0.00 | 28.81 -0.09 0.00 | 36.76 -0.58 0.00 | 40.13 -0.91 0.00 | 38.46 -1.30 0.00 | 38.78 -0.93 0.00 | 40.66 -1.21 0.00 | 35.45 -1.36 0.00 | 38.28 -1.31 -0.04 | 28.50 -1.05 -0.10 | 25.52 -0.27 0.00 | 26.77 0.19 0.00 |
| HUNTLEY___67 23561 | 21.99 -0.47 0.00 | 19.75 -0.20 0.00 | 19.20 -0.13 0.00 | 18.17 -0.22 0.00 | 17.48 -0.24 0.00 | 23.99 0.00 0.00 | 23.20 -0.28 0.00 | 24.74 -0.23 0.00 | 28.70 -0.24 0.00 | 24.52 -0.25 0.00 | 25.71 -0.12 0.00 | 28.10 -0.08 0.00 | 30.36 -0.28 0.00 | 28.44 -0.46 0.00 | 36.30 -1.04 0.00 | 39.59 -1.45 0.00 | 37.91 -1.85 0.00 | 38.18 -1.53 0.00 | 40.07 -1.80 0.00 | 34.96 -1.85 0.00 | 37.77 -1.82 -0.04 | 28.14 -1.40 -0.11 | 25.20 -0.58 0.00 | 26.48 -0.11 0.00 |
| HUNTLEY___68 23562 | 21.99 -0.47 0.00 | 19.75 -0.20 0.00 | 19.20 -0.13 0.00 | 18.17 -0.22 0.00 | 17.48 -0.24 0.00 | 23.99 0.00 0.00 | 23.20 -0.28 0.00 | 24.74 -0.23 0.00 | 28.70 -0.24 0.00 | 24.52 -0.25 0.00 | 25.71 -0.12 0.00 | 28.10 -0.08 0.00 | 30.36 -0.28 0.00 | 28.44 -0.46 0.00 | 36.30 -1.04 0.00 | 39.59 -1.45 0.00 | 37.91 -1.85 0.00 | 38.18 -1.53 0.00 | 40.07 -1.80 0.00 | 34.96 -1.85 0.00 | 37.77 -1.82 -0.04 | 28.14 -1.40 -0.11 | 25.20 -0.58 0.00 | 26.48 -0.11 0.00 |
| HYLAND___LFGE 323620 | 23.22 0.76 0.00 | 20.69 0.75 0.00 | 20.11 0.78 0.00 | 19.06 0.67 0.00 | 18.37 0.65 0.00 | 25.25 1.26 0.00 | 24.60 1.12 0.00 | 25.71 0.75 0.00 | 28.68 -0.26 0.00 | 24.24 -0.53 0.00 | 24.52 -1.32 0.00 | 26.55 -1.63 0.00 | 28.38 -2.26 0.00 | 28.11 -0.79 0.00 | 36.39 -0.95 0.00 | 39.90 -1.14 0.00 | 38.36 -1.40 0.00 | 39.01 -0.70 0.00 | 41.60 -0.27 0.00 | 37.09 0.29 0.00 | 40.91 1.32 -0.04 | 30.57 1.02 -0.11 | 27.04 1.25 0.00 | 28.19 1.61 0.00 |
| INDECK___CORINTH 23802 | 23.23 0.77 0.00 | 20.58 0.64 0.00 | 19.84 0.51 0.00 | 18.87 0.48 0.00 | 18.16 0.45 0.00 | 24.56 0.57 0.00 | 24.26 0.78 0.00 | 25.81 0.84 0.00 | 29.79 0.84 0.00 | 25.38 0.61 0.00 | 28.78 0.52 -2.42 | 28.74 0.55 0.00 | 31.30 0.65 0.00 | 29.64 0.74 0.00 | 38.46 1.12 0.00 | 42.62 1.58 0.00 | 41.58 1.83 0.00 | 41.55 1.83 0.00 | 44.01 2.14 0.00 | 38.71 1.90 0.00 | 41.78 1.91 -0.33 | 31.68 1.38 -0.86 | 26.85 1.06 0.00 | 27.65 1.06 0.00 |
| INDECK___ILION 23567 | 22.53 0.06 0.00 | 20.02 0.08 0.00 | 19.46 0.13 0.00 | 18.51 0.12 0.00 | 17.84 0.12 0.00 | 24.07 0.08 0.00 | 23.67 0.18 0.00 | 25.17 0.19 0.00 | 29.12 0.17 0.00 | 24.93 0.16 0.00 | 26.00 0.17 0.00 | 28.32 0.14 0.00 | 30.84 0.20 0.00 | 29.15 0.25 0.00 | 37.69 0.35 0.00 | 41.50 0.46 0.00 | 40.36 0.60 0.00 | 40.31 0.60 0.00 | 42.56 0.69 0.00 | 37.49 0.68 0.00 | 40.25 0.70 0.00 | 29.89 0.45 0.00 | 26.10 0.31 0.00 | 26.78 0.20 0.00 |
| INDECK___OLEAN 23982 | 22.46 0.00 0.00 | 19.99 0.05 0.00 | 19.52 0.19 0.00 | 18.53 0.14 0.00 | 17.85 0.13 0.00 | 24.44 0.45 0.00 | 23.84 0.35 0.00 | 25.53 0.55 0.00 | 29.53 0.58 0.00 | 25.35 0.58 0.00 | 26.48 0.65 0.00 | 28.77 0.58 0.00 | 31.05 0.41 0.00 | 29.12 0.22 0.00 | 37.33 -0.01 0.00 | 40.85 -0.19 0.00 | 39.16 -0.59 0.00 | 39.28 -0.43 0.00 | 41.16 -0.72 0.00 | 35.96 -0.85 0.00 | 38.92 -0.67 -0.05 | 29.08 -0.48 -0.12 | 25.80 0.02 0.00 | 27.03 0.44 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| INDECK___OSWEGO 23783 | 22.05 -0.41 0.00 | 19.59 -0.35 0.00 | 19.01 -0.32 0.00 | 18.07 -0.32 0.00 | 17.43 -0.29 0.00 | 23.59 -0.40 0.00 | 23.02 -0.46 0.00 | 24.82 -0.51 -0.35 | 33.63 -0.59 -5.27 | 24.50 -0.51 -0.23 | 25.35 -0.48 0.00 | 27.67 -0.51 0.00 | 30.04 -0.60 0.00 | 28.30 -0.60 0.00 | 36.51 -0.84 0.00 | 41.64 -0.95 -1.55 | 40.64 -0.97 -1.85 | 43.69 -0.93 -4.91 | 49.26 -0.93 -8.31 | 40.52 -0.81 -4.52 | 40.51 -0.86 -1.82 | 28.84 -0.65 -0.05 | 25.25 -0.53 0.00 | 26.09 -0.50 0.00 |
| INDECK___YERKES 23781 | 22.27 -0.19 0.00 | 19.92 -0.02 0.00 | 19.46 0.13 0.00 | 18.41 0.02 0.00 | 17.70 -0.01 0.00 | 24.28 0.30 0.00 | 23.49 0.00 0.00 | 25.06 0.09 0.00 | 29.10 0.16 0.00 | 24.87 0.10 0.00 | 26.09 0.26 0.00 | 28.50 0.32 0.00 | 30.80 0.16 0.00 | 28.86 -0.04 0.00 | 36.81 -0.53 0.00 | 40.20 -0.85 0.00 | 38.53 -1.23 0.00 | 38.84 -0.87 0.00 | 40.72 -1.15 0.00 | 35.50 -1.31 0.00 | 38.33 -1.26 -0.04 | 28.54 -1.01 -0.10 | 25.57 -0.21 0.00 | 26.80 0.22 0.00 |
| INDIAN POINT_GT_1 24139 | 23.58 1.12 0.00 | 20.81 0.87 0.00 | 20.14 0.81 0.00 | 19.21 0.82 0.00 | 18.48 0.76 0.00 | 24.91 0.92 0.00 | 24.73 1.25 0.00 | 26.48 1.51 0.00 | 30.69 1.75 0.00 | 26.33 1.56 0.00 | 39.80 1.66 -12.31 | 29.97 1.79 0.00 | 32.71 2.06 0.00 | 30.94 2.04 0.00 | 40.02 2.68 0.00 | 44.12 3.08 0.00 | 42.57 2.82 0.00 | 42.52 2.81 0.00 | 44.74 2.86 0.00 | 39.26 2.45 0.00 | 42.35 2.56 -0.25 | 32.04 1.95 -0.65 | 27.53 1.75 0.00 | 28.21 1.62 0.00 |
| INDIAN POINT_GT_2 23659 | 23.58 1.12 0.00 | 20.81 0.87 0.00 | 20.14 0.81 0.00 | 19.21 0.82 0.00 | 18.48 0.76 0.00 | 24.91 0.92 0.00 | 24.73 1.25 0.00 | 26.48 1.51 0.00 | 30.69 1.75 0.00 | 26.33 1.56 0.00 | 39.80 1.66 -12.31 | 29.97 1.79 0.00 | 32.71 2.06 0.00 | 30.94 2.04 0.00 | 40.02 2.68 0.00 | 44.12 3.08 0.00 | 42.57 2.82 0.00 | 42.52 2.81 0.00 | 44.74 2.86 0.00 | 39.26 2.45 0.00 | 42.35 2.56 -0.25 | 32.04 1.95 -0.65 | 27.53 1.75 0.00 | 28.21 1.62 0.00 |
| INDIAN POINT_GT_3 24019 | 23.58 1.12 0.00 | 20.81 0.87 0.00 | 20.14 0.81 0.00 | 19.21 0.82 0.00 | 18.48 0.76 0.00 | 24.91 0.92 0.00 | 24.73 1.25 0.00 | 26.48 1.51 0.00 | 30.69 1.75 0.00 | 26.33 1.56 0.00 | 39.80 1.66 -12.31 | 29.97 1.79 0.00 | 32.71 2.06 0.00 | 30.94 2.04 0.00 | 40.02 2.68 0.00 | 44.12 3.08 0.00 | 42.57 2.82 0.00 | 42.52 2.81 0.00 | 44.74 2.86 0.00 | 39.26 2.45 0.00 | 42.35 2.56 -0.25 | 32.04 1.95 -0.65 | 27.53 1.75 0.00 | 28.21 1.62 0.00 |
| INDIAN POINT___2 23530 | 23.54 1.07 0.00 | 20.79 0.84 0.00 | 20.10 0.77 0.00 | 19.18 0.78 0.00 | 18.44 0.72 0.00 | 24.87 0.88 0.00 | 24.68 1.20 0.00 | 26.43 1.46 0.00 | 30.64 1.70 0.00 | 26.28 1.51 0.00 | 43.81 1.61 -16.37 | 29.92 1.73 0.00 | 32.65 2.01 0.00 | 30.89 1.99 0.00 | 39.94 2.60 0.00 | 44.04 2.99 0.00 | 42.49 2.73 0.00 | 42.43 2.72 0.00 | 44.64 2.76 0.00 | 39.17 2.37 0.00 | 42.26 2.48 -0.24 | 31.97 1.89 -0.64 | 27.47 1.69 0.00 | 28.15 1.57 0.00 |
| INDIAN POINT___3 23531 | 23.55 1.09 0.00 | 20.79 0.84 0.00 | 20.11 0.78 0.00 | 19.19 0.80 0.00 | 18.46 0.74 0.00 | 24.87 0.89 0.00 | 24.70 1.22 0.00 | 26.43 1.46 0.00 | 30.65 1.70 0.00 | 26.28 1.51 0.00 | 40.05 1.61 -12.61 | 29.92 1.74 0.00 | 32.65 2.01 0.00 | 30.89 1.99 0.00 | 39.95 2.61 0.00 | 44.04 3.00 0.00 | 42.49 2.74 0.00 | 42.44 2.73 0.00 | 44.65 2.78 0.00 | 39.19 2.38 0.00 | 42.28 2.48 -0.25 | 31.99 1.89 -0.66 | 27.48 1.70 0.00 | 28.16 1.57 0.00 |
| INGHAM_C_115KV_TB7 356103 | 22.46 0.00 0.00 | 20.00 0.06 0.00 | 19.49 0.16 0.00 | 18.53 0.14 0.00 | 17.86 0.14 0.00 | 24.02 0.03 0.00 | 23.74 0.25 0.00 | 25.19 0.22 0.00 | 29.11 0.17 0.00 | 24.92 0.15 0.00 | 25.95 0.12 0.00 | 28.21 0.02 0.00 | 30.74 0.09 0.00 | 29.17 0.27 0.00 | 37.77 0.43 0.00 | 41.67 0.63 0.00 | 40.75 0.99 0.00 | 40.68 0.97 0.00 | 43.05 1.18 0.00 | 38.02 1.21 0.00 | 40.79 1.25 0.00 | 30.23 0.79 0.00 | 26.30 0.52 0.00 | 26.86 0.27 0.00 |
| IP CORINTH___1 23988 | 23.35 0.89 0.00 | 20.66 0.72 0.00 | 19.94 0.61 0.00 | 18.97 0.58 0.00 | 18.26 0.54 0.00 | 24.68 0.69 0.00 | 24.38 0.90 0.00 | 25.95 0.99 0.00 | 29.95 1.01 0.00 | 25.52 0.75 0.00 | 28.92 0.67 -2.42 | 28.90 0.72 0.00 | 31.47 0.83 0.00 | 29.81 0.91 0.00 | 38.67 1.33 0.00 | 42.85 1.81 0.00 | 41.82 2.06 0.00 | 41.77 2.06 0.00 | 44.23 2.36 0.00 | 38.92 2.11 0.00 | 41.99 2.13 -0.33 | 31.84 1.54 -0.86 | 27.00 1.21 0.00 | 27.79 1.20 0.00 |
| IP___TICONDEROGA 23804 | 24.42 1.95 0.00 | 21.48 1.54 0.00 | 20.86 1.53 0.00 | 19.87 1.48 0.00 | 19.13 1.41 0.00 | 25.78 1.79 0.00 | 25.61 2.13 0.00 | 27.11 2.14 0.00 | 31.11 2.16 0.00 | 26.61 1.84 0.00 | 30.13 1.87 -2.43 | 30.28 2.10 0.00 | 32.94 2.30 0.00 | 31.23 2.33 0.00 | 40.71 3.38 0.00 | 45.66 4.62 0.00 | 44.83 5.08 0.00 | 44.34 4.64 0.00 | 47.20 5.33 0.00 | 41.44 4.64 0.00 | 44.44 4.57 -0.33 | 33.49 3.19 -0.86 | 28.30 2.52 0.00 | 29.42 2.84 0.00 |
| ISLIP_RES_REC 323679 | 24.90 2.44 0.00 | 21.99 2.05 0.00 | 21.08 1.75 0.00 | 20.04 1.65 0.00 | 19.32 1.60 0.00 | 26.06 2.08 0.00 | 26.02 2.54 0.00 | 27.79 2.83 0.00 | 32.30 3.35 0.00 | 27.81 3.03 0.00 | 39.51 3.18 -10.50 | 31.62 3.44 0.00 | 36.20 3.86 -1.69 | 60.68 3.81 -27.97 | 53.37 4.99 -11.04 | 58.31 5.36 -11.91 | 53.30 4.88 -8.66 | 44.53 4.72 -0.10 | 46.85 4.97 0.00 | 41.06 4.26 0.00 | 44.15 4.36 -0.25 | 39.24 3.68 -6.13 | 29.87 3.41 -0.67 | 30.41 3.44 -0.38 |
| JAMAICA___27_KV_LOAD 355505 | 23.84 1.38 0.00 | 20.99 1.05 0.00 | 20.28 0.95 0.00 | 19.36 0.97 0.00 | 18.62 0.90 0.00 | 25.10 1.11 0.00 | 25.00 1.52 0.00 | 26.79 1.82 0.00 | 31.03 2.08 0.00 | 26.66 1.89 0.00 | 38.38 1.97 -10.58 | 30.27 2.09 0.00 | 33.00 2.36 0.00 | 31.27 2.37 0.00 | 40.45 3.11 0.00 | 44.62 3.58 0.00 | 43.00 3.25 0.00 | 42.94 3.23 0.00 | 45.14 3.26 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.42 2.32 -0.66 | 27.93 2.15 0.00 | 28.57 1.98 0.00 |
| JANIS___SOLAR 323808 | 23.21 0.74 0.00 | 20.60 0.65 0.00 | 20.02 0.70 0.00 | 19.01 0.62 0.00 | 18.34 0.62 0.00 | 24.90 0.91 0.00 | 24.52 1.04 0.00 | 26.29 1.25 -0.07 | 31.47 1.45 -1.07 | 26.04 1.23 -0.05 | 27.17 1.34 0.00 | 29.54 1.35 0.00 | 32.07 1.43 0.00 | 30.31 1.42 0.00 | 38.92 1.58 0.00 | 43.17 1.81 -0.32 | 41.92 1.79 -0.38 | 42.64 1.92 -1.00 | 45.74 2.17 -1.70 | 39.59 1.86 -0.92 | 42.01 2.03 -0.44 | 30.97 1.35 -0.18 | 26.93 1.14 0.00 | 27.79 1.20 0.00 |
| JARVIS____ 23743 | 22.49 0.03 0.00 | 19.96 0.02 0.00 | 19.37 0.04 0.00 | 18.43 0.04 0.00 | 17.75 0.04 0.00 | 23.99 0.01 0.00 | 23.53 0.05 0.00 | 25.04 0.08 0.00 | 29.03 0.09 0.00 | 24.84 0.08 0.00 | 25.93 0.10 0.00 | 28.29 0.11 0.00 | 30.79 0.15 0.00 | 29.02 0.13 0.00 | 37.50 0.15 0.00 | 41.20 0.16 0.00 | 39.94 0.18 0.00 | 39.91 0.19 0.00 | 42.09 0.21 0.00 | 36.99 0.18 0.00 | 39.74 0.20 0.00 | 29.56 0.12 0.00 | 25.88 0.10 0.00 | 26.65 0.06 0.00 |
| JENNISON___1 23625 | 23.33 0.87 0.00 | 20.69 0.75 0.00 | 20.13 0.80 0.00 | 19.11 0.72 0.00 | 18.43 0.71 0.00 | 25.00 1.01 0.00 | 24.64 1.16 0.00 | 26.41 1.39 -0.05 | 31.36 1.64 -0.77 | 26.22 1.41 -0.03 | 27.41 1.58 0.00 | 29.86 1.68 0.00 | 32.49 1.85 0.00 | 30.64 1.74 0.00 | 39.39 2.05 0.00 | 43.68 2.42 -0.23 | 42.29 2.27 -0.27 | 42.76 2.34 -0.71 | 45.56 2.47 -1.21 | 39.60 2.14 -0.66 | 42.15 2.26 -0.35 | 31.25 1.57 -0.24 | 27.10 1.31 0.00 | 27.95 1.37 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| JENNISON____2 23626 | 23.33 0.87 0.00 | 20.69 0.75 0.00 | 20.13 0.80 0.00 | 19.11 0.72 0.00 | 18.43 0.71 0.00 | 25.00 1.01 0.00 | 24.64 1.16 0.00 | 26.41 1.39 -0.05 | 31.36 1.64 -0.77 | 26.22 1.41 -0.03 | 27.41 1.58 0.00 | 29.86 1.68 0.00 | 32.49 1.85 0.00 | 30.64 1.74 0.00 | 39.39 2.05 0.00 | 43.68 2.42 -0.23 | 42.29 2.27 -0.27 | 42.76 2.34 -0.71 | 45.56 2.47 -1.21 | 39.60 2.14 -0.66 | 42.15 2.26 -0.35 | 31.25 1.57 -0.24 | 27.10 1.31 0.00 | 27.95 1.37 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 22.44 -0.02 0.00 | 19.91 -0.03 0.00 | 19.25 -0.09 0.00 | 18.30 -0.09 0.00 | 17.65 -0.07 0.00 | 24.02 0.04 0.00 | 23.48 0.00 0.00 | 25.01 0.04 0.00 | 29.00 0.06 0.00 | 24.83 0.07 0.00 | 25.81 -0.02 0.00 | 28.13 -0.05 0.00 | 30.53 -0.11 0.00 | 28.80 -0.10 0.00 | 37.27 -0.07 0.00 | 41.07 0.03 0.00 | 39.85 0.09 0.00 | 39.32 -0.39 0.00 | 41.48 -0.39 0.00 | 36.40 -0.40 0.00 | 39.23 -0.32 0.00 | 29.23 -0.21 0.00 | 25.45 -0.33 0.00 | 26.16 -0.42 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 23.75 1.29 0.00 | 20.96 1.02 0.00 | 20.30 0.97 0.00 | 19.35 0.96 0.00 | 18.62 0.90 0.00 | 25.10 1.11 0.00 | 24.92 1.43 0.00 | 26.66 1.69 0.00 | 30.90 1.96 0.00 | 26.53 1.76 0.00 | 34.44 1.89 -6.72 | 30.23 2.04 0.00 | 32.98 2.33 0.00 | 31.21 2.31 0.00 | 40.40 3.06 0.00 | 44.53 3.49 0.00 | 42.98 3.23 0.00 | 42.95 3.24 0.00 | 45.17 3.30 0.00 | 39.65 2.84 0.00 | 42.75 2.95 -0.25 | 32.32 2.21 -0.67 | 27.74 1.96 0.00 | 28.41 1.83 0.00 |
| KCE_NY_1 323755 | 23.58 1.12 0.00 | 20.97 1.03 0.00 | 20.26 0.93 0.00 | 19.31 0.92 0.00 | 18.57 0.85 0.00 | 25.10 1.11 0.00 | 24.78 1.30 0.00 | 26.34 1.37 0.00 | 30.44 1.49 0.00 | 25.97 1.20 0.00 | 29.45 1.17 -2.44 | 29.45 1.26 0.00 | 32.10 1.45 0.00 | 30.36 1.46 0.00 | 39.32 1.99 0.00 | 43.41 2.37 0.00 | 42.27 2.51 0.00 | 42.25 2.54 0.00 | 44.70 2.82 0.00 | 39.32 2.52 0.00 | 42.49 2.62 -0.33 | 32.17 1.87 -0.86 | 27.32 1.54 0.00 | 28.09 1.50 0.00 |
| KCE_NY_6_ESR 323823 | 22.29 -0.17 0.00 | 19.92 -0.02 0.00 | 19.45 0.12 0.00 | 18.41 0.01 0.00 | 17.71 -0.01 0.00 | 24.29 0.30 0.00 | 23.56 0.08 0.00 | 25.17 0.20 0.00 | 29.21 0.27 0.00 | 24.97 0.20 0.00 | 26.19 0.36 0.00 | 28.63 0.45 0.00 | 30.96 0.32 0.00 | 29.02 0.12 0.00 | 37.09 -0.25 0.00 | 40.48 -0.56 0.00 | 38.75 -1.01 0.00 | 39.00 -0.71 0.00 | 40.92 -0.96 0.00 | 35.68 -1.13 0.00 | 38.53 -1.06 -0.04 | 28.69 -0.86 -0.11 | 25.65 -0.14 0.00 | 26.88 0.29 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 24.68 2.22 0.00 | 21.78 1.84 0.00 | 20.93 1.60 0.00 | 19.91 1.52 0.00 | 19.18 1.47 0.00 | 25.83 1.84 0.00 | 25.77 2.28 0.00 | 27.50 2.53 0.00 | 31.92 2.98 0.00 | 27.46 2.69 0.00 | 39.22 2.89 -10.50 | 31.30 3.11 0.00 | 35.83 3.49 -1.69 | 60.29 3.41 -27.98 | 52.82 4.44 -11.04 | 57.60 4.65 -11.91 | 52.49 4.08 -8.66 | 43.68 3.87 -0.10 | 45.94 4.07 0.00 | 40.29 3.49 0.00 | 43.32 3.52 -0.25 | 38.81 3.24 -6.13 | 29.55 3.10 -0.67 | 30.10 3.13 -0.38 |
| KEDC_PORT_JEFF_GT3 24211 | 24.68 2.22 0.00 | 21.78 1.84 0.00 | 20.93 1.60 0.00 | 19.91 1.52 0.00 | 19.18 1.47 0.00 | 25.83 1.84 0.00 | 25.77 2.28 0.00 | 27.50 2.53 0.00 | 31.92 2.98 0.00 | 27.46 2.69 0.00 | 39.22 2.89 -10.50 | 31.30 3.11 0.00 | 35.83 3.49 -1.69 | 60.29 3.41 -27.98 | 52.82 4.44 -11.04 | 57.60 4.65 -11.91 | 52.49 4.08 -8.66 | 43.68 3.87 -0.10 | 45.94 4.07 0.00 | 40.29 3.49 0.00 | 43.32 3.52 -0.25 | 38.81 3.24 -6.13 | 29.55 3.10 -0.67 | 30.10 3.13 -0.38 |
| KEDC_GLWD_GT4 24219 | 24.02 1.56 0.00 | 21.23 1.29 0.00 | 20.50 1.17 0.00 | 19.53 1.13 0.00 | 18.80 1.08 0.00 | 25.29 1.31 0.00 | 25.16 1.68 0.00 | 26.91 1.95 0.00 | 31.23 2.28 0.00 | 26.80 2.03 0.00 | 38.58 2.25 -10.50 | 30.60 2.42 0.00 | 35.08 2.75 -1.69 | 59.51 2.64 -27.97 | 51.69 3.32 -11.04 | 56.73 3.78 -11.90 | 51.86 3.44 -8.66 | 43.09 3.28 -0.10 | 45.23 3.35 0.00 | 39.68 2.87 0.00 | 42.76 2.96 -0.25 | 37.92 2.35 -6.13 | 28.59 2.14 -0.67 | 29.17 2.20 -0.38 |
| KEDC_GLWD_GT5 24220 | 24.02 1.56 0.00 | 21.23 1.29 0.00 | 20.50 1.17 0.00 | 19.53 1.13 0.00 | 18.80 1.08 0.00 | 25.29 1.31 0.00 | 25.16 1.68 0.00 | 26.91 1.95 0.00 | 31.23 2.28 0.00 | 26.80 2.03 0.00 | 38.58 2.25 -10.50 | 30.60 2.42 0.00 | 35.08 2.75 -1.69 | 59.51 2.64 -27.97 | 51.69 3.32 -11.04 | 56.73 3.78 -11.90 | 51.86 3.44 -8.66 | 43.09 3.28 -0.10 | 45.23 3.35 0.00 | 39.68 2.87 0.00 | 42.76 2.96 -0.25 | 37.92 2.35 -6.13 | 28.59 2.14 -0.67 | 29.17 2.20 -0.38 |
| KENSICO____ 23655 | 23.66 1.19 0.00 | 20.88 0.94 0.00 | 20.21 0.88 0.00 | 19.27 0.88 0.00 | 18.54 0.82 0.00 | 24.98 0.99 0.00 | 24.80 1.32 0.00 | 26.56 1.59 0.00 | 30.79 1.85 0.00 | 26.41 1.65 0.00 | 38.84 1.76 -11.24 | 30.08 1.90 0.00 | 32.82 2.18 0.00 | 31.05 2.15 0.00 | 40.17 2.83 0.00 | 44.28 3.24 0.00 | 42.72 2.96 0.00 | 42.64 2.93 0.00 | 44.86 2.98 0.00 | 39.36 2.56 0.00 | 42.47 2.67 -0.25 | 32.14 2.04 -0.66 | 27.62 1.83 0.00 | 28.30 1.71 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 23.67 1.21 0.00 | 20.90 0.95 0.00 | 20.27 0.94 0.00 | 19.31 0.92 0.00 | 18.57 0.85 0.00 | 25.01 1.03 0.00 | 24.79 1.31 0.00 | 26.57 1.60 0.00 | 30.81 1.87 0.00 | 26.37 1.60 0.00 | 27.56 1.73 0.00 | 30.08 1.90 0.00 | 32.78 2.14 0.00 | 31.02 2.12 0.00 | 40.23 2.89 0.00 | 44.38 3.35 0.00 | 42.97 3.22 0.00 | 42.94 3.23 0.00 | 45.17 3.30 0.00 | 39.62 2.81 0.00 | 42.72 2.94 -0.23 | 32.23 2.19 -0.61 | 27.70 1.91 0.00 | 28.36 1.78 0.00 |
| KIAC_JFK_GT1 23816 | 23.71 1.25 0.00 | 20.88 0.94 0.00 | 20.16 0.83 0.00 | 19.24 0.85 0.00 | 18.51 0.79 0.00 | 24.96 0.97 0.00 | 24.87 1.38 0.00 | 26.62 1.65 0.00 | 30.83 1.88 0.00 | 26.49 1.72 0.00 | 38.18 1.77 -10.58 | 30.04 1.86 0.00 | 32.68 2.04 0.00 | 30.97 2.07 0.00 | 40.05 2.71 0.00 | 44.18 3.14 0.00 | 42.57 2.81 0.00 | 42.55 2.83 0.00 | 44.73 2.85 0.00 | 39.28 2.48 0.00 | 42.42 2.63 -0.25 | 32.14 2.05 -0.66 | 27.70 1.91 0.00 | 28.32 1.74 0.00 |
| KIAC_JFK_GT2 23817 | 23.71 1.25 0.00 | 20.88 0.94 0.00 | 20.16 0.83 0.00 | 19.24 0.85 0.00 | 18.51 0.79 0.00 | 24.96 0.97 0.00 | 24.87 1.38 0.00 | 26.62 1.65 0.00 | 30.83 1.88 0.00 | 26.49 1.72 0.00 | 38.18 1.77 -10.58 | 30.04 1.86 0.00 | 32.68 2.04 0.00 | 30.97 2.07 0.00 | 40.05 2.71 0.00 | 44.18 3.14 0.00 | 42.57 2.81 0.00 | 42.55 2.83 0.00 | 44.73 2.85 0.00 | 39.28 2.48 0.00 | 42.42 2.63 -0.25 | 32.14 2.05 -0.66 | 27.70 1.91 0.00 | 28.32 1.74 0.00 |
| KIAC_JFK____ 323774 | 23.71 1.25 0.00 | 20.91 0.97 0.00 | 20.16 0.83 0.00 | 19.25 0.85 0.00 | 18.51 0.79 0.00 | 24.97 0.98 0.00 | 24.87 1.38 0.00 | 26.62 1.65 0.00 | 30.82 1.87 0.00 | 26.49 1.72 0.00 | 38.18 1.77 -10.58 | 30.04 1.86 0.00 | 32.68 2.03 0.00 | 30.97 2.07 0.00 | 40.05 2.71 0.00 | 44.18 3.14 0.00 | 42.56 2.81 0.00 | 42.55 2.83 0.00 | 44.73 2.85 0.00 | 39.29 2.48 0.00 | 42.43 2.63 -0.25 | 32.15 2.05 -0.66 | 27.69 1.90 0.00 | 28.33 1.74 0.00 |
| KINTIGH____ 23543 | 21.94 -0.52 0.00 | 19.68 -0.26 0.00 | 19.11 -0.22 0.00 | 18.11 -0.28 0.00 | 17.42 -0.30 0.00 | 23.86 -0.12 0.00 | 23.12 -0.37 0.00 | 24.65 -0.32 0.00 | 28.61 -0.34 0.00 | 24.44 -0.33 0.00 | 25.59 -0.24 0.00 | 27.94 -0.24 0.00 | 30.20 -0.44 0.00 | 28.32 -0.58 0.00 | 36.21 -1.13 0.00 | 39.56 -1.48 0.00 | 37.95 -1.81 0.00 | 38.21 -1.50 0.00 | 40.15 -1.73 0.00 | 35.06 -1.75 0.00 | 37.85 -1.73 -0.03 | 28.17 -1.36 -0.09 | 25.17 -0.62 0.00 | 26.36 -0.23 0.00 |

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| KNTFSRNC_46_KV_46KV_LOAD 80397 | 22.77 0.31 0.00 | 20.18 0.24 0.00 | 19.52 0.19 0.00 | 18.56 0.17 0.00 | 17.91 0.19 0.00 | 24.36 0.38 0.00 | 23.89 0.41 0.00 | 25.47 0.50 0.00 | 29.48 0.53 0.00 | 25.28 0.52 0.00 | 26.28 0.44 0.00 | 28.56 0.37 0.00 | 31.00 0.36 0.00 | 29.29 0.38 0.00 | 37.89 0.55 0.00 | 41.92 0.88 0.00 | 40.66 0.91 0.00 | 40.04 0.33 0.00 | 42.28 0.40 0.00 | 37.07 0.27 0.00 | 39.92 0.38 0.00 | 29.69 0.25 0.00 | 25.88 0.09 0.00 | 26.58 0.00 0.00 |
| LACHUTE___HYDRO 323717 | 24.42 1.96 0.00 | 21.48 1.54 0.00 | 20.86 1.53 0.00 | 19.87 1.48 0.00 | 19.13 1.41 0.00 | 25.78 1.79 0.00 | 25.61 2.13 0.00 | 27.11 2.14 0.00 | 31.11 2.16 0.00 | 26.61 1.84 0.00 | 30.13 1.87 -2.43 | 30.28 2.10 0.00 | 32.94 2.30 0.00 | 31.23 2.33 0.00 | 40.72 3.37 0.00 | 45.66 4.62 0.00 | 44.83 5.07 0.00 | 44.35 4.64 0.00 | 47.20 5.33 0.00 | 41.44 4.64 0.00 | 44.44 4.58 -0.33 | 33.48 3.17 -0.86 | 28.32 2.53 0.00 | 29.42 2.84 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 21.82 -0.64 0.00 | 19.35 -0.59 0.00 | 18.71 -0.62 0.00 | 17.80 -0.59 0.00 | 17.17 -0.55 0.00 | 23.30 -0.68 0.00 | 22.74 -0.74 0.00 | 24.21 -0.76 0.00 | 28.09 -0.86 0.00 | 24.01 -0.76 0.00 | 25.06 -0.78 0.00 | 27.35 -0.83 0.00 | 29.70 -0.95 0.00 | 27.96 -0.94 0.00 | 36.16 -1.18 0.00 | 39.72 -1.32 0.00 | 38.79 -1.09 -0.11 | 38.68 -1.35 -0.32 | 41.10 -1.33 -0.54 | 35.98 -1.13 -0.30 | 38.53 -1.13 -0.12 | 28.61 -0.83 0.00 | 24.92 -0.86 0.00 | 25.61 -0.97 0.00 |
| LEDERLE___ 23769 | 23.60 1.14 0.00 | 20.82 0.88 0.00 | 20.16 0.82 0.00 | 19.23 0.84 0.00 | 18.49 0.78 0.00 | 24.92 0.93 0.00 | 24.75 1.27 0.00 | 26.52 1.55 0.00 | 30.76 1.82 0.00 | 26.37 1.60 0.00 | 13.66 1.72 13.90 | 30.06 1.87 0.00 | 32.82 2.17 0.00 | 31.07 2.17 0.00 | 40.17 2.83 0.00 | 44.31 3.27 0.00 | 42.77 3.01 0.00 | 42.67 2.96 0.00 | 44.88 3.00 0.00 | 39.36 2.56 0.00 | 42.46 2.68 -0.24 | 32.10 2.03 -0.63 | 27.58 1.80 0.00 | 28.25 1.66 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 22.27 -0.19 0.00 | 19.78 -0.16 0.00 | 19.17 -0.16 0.00 | 18.25 -0.14 0.00 | 17.62 -0.10 0.00 | 23.85 -0.13 0.00 | 23.27 -0.22 0.00 | 24.94 -0.22 -0.20 | 31.69 -0.24 -2.98 | 24.72 -0.18 -0.13 | 25.72 -0.11 0.00 | 28.08 -0.10 0.00 | 30.45 -0.19 0.00 | 28.62 -0.29 0.00 | 36.82 -0.53 0.00 | 41.21 -0.71 -0.87 | 40.11 -0.65 -1.01 | 41.74 -0.63 -2.66 | 46.00 -0.38 -4.51 | 39.04 -0.21 -2.45 | 40.35 -0.19 -1.00 | 29.38 -0.11 -0.05 | 25.65 -0.13 0.00 | 26.45 -0.14 0.00 |
| LINDEN COGEN___ 23786 | 23.58 1.12 0.00 | 20.82 0.88 0.00 | 20.13 0.80 0.00 | 19.22 0.83 0.00 | 18.49 0.77 0.00 | 24.86 0.87 0.00 | 24.72 1.24 0.00 | 26.50 1.53 0.00 | 29.78 1.75 0.92 | 26.36 1.60 0.01 | 27.40 1.76 0.19 | 29.96 1.88 0.10 | 32.80 2.16 0.00 | 31.04 2.14 0.00 | 40.13 2.79 0.00 | 44.26 3.22 0.00 | 42.62 2.87 0.00 | 42.53 2.81 0.00 | 44.71 2.83 0.00 | 39.20 2.39 0.00 | 42.28 2.49 -0.25 | 32.04 1.94 -0.66 | 27.57 1.78 0.00 | 28.23 1.65 0.00 |
| LINDHRST_69_KV_BK1 356055 | 24.60 2.14 0.00 | 21.66 1.72 0.00 | 20.93 1.60 0.00 | 19.90 1.51 0.00 | 19.16 1.45 0.00 | 25.80 1.81 0.00 | 25.71 2.23 0.00 | 27.48 2.51 0.00 | 31.90 2.96 0.00 | 27.38 2.61 0.00 | 39.15 2.83 -10.49 | 31.18 3.00 0.00 | 35.70 3.37 -1.69 | 60.18 3.32 -27.97 | 52.76 4.38 -11.04 | 57.73 4.78 -11.91 | 52.80 4.39 -8.66 | 43.96 4.15 -0.10 | 46.25 4.37 0.00 | 40.55 3.74 0.00 | 43.66 3.87 -0.25 | 38.82 3.25 -6.13 | 29.50 3.04 -0.67 | 29.95 2.99 -0.38 |
| LIPA_MISC_IPP 23656 | 24.76 2.30 0.00 | 21.76 1.82 0.00 | 20.99 1.66 0.00 | 19.96 1.57 0.00 | 19.24 1.52 0.00 | 25.91 1.92 0.00 | 25.86 2.38 0.00 | 27.63 2.65 0.00 | 32.09 3.15 0.00 | 27.61 2.84 0.00 | 39.29 2.97 -10.49 | 31.36 3.17 0.00 | 35.90 3.57 -1.69 | 60.40 3.52 -27.97 | 53.00 4.62 -11.04 | 57.95 5.00 -11.91 | 52.98 4.56 -8.66 | 44.16 4.35 -0.10 | 46.47 4.59 0.00 | 40.76 3.95 0.00 | 43.83 4.04 -0.25 | 38.99 3.42 -6.13 | 29.70 3.25 -0.67 | 30.22 3.26 -0.38 |
| LISF___SOLAR 323691 | 24.79 2.32 0.00 | 21.89 1.95 0.00 | 21.03 1.70 0.00 | 20.00 1.61 0.00 | 19.27 1.55 0.00 | 25.94 1.95 0.00 | 25.89 2.41 0.00 | 27.66 2.69 0.00 | 32.13 3.18 0.00 | 27.65 2.88 0.00 | 39.35 3.02 -10.50 | 31.42 3.23 0.00 | 35.97 3.63 -1.69 | 60.45 3.58 -27.97 | 53.10 4.72 -11.04 | 58.06 5.11 -11.91 | 53.10 4.68 -8.66 | 44.25 4.44 -0.10 | 46.56 4.69 0.00 | 40.84 4.04 0.00 | 43.92 4.13 -0.25 | 39.06 3.50 -6.13 | 29.71 3.25 -0.67 | 30.27 3.30 -0.38 |
| LITTLE FALLS___HYD 24013 | 22.46 0.00 0.00 | 20.00 0.06 0.00 | 19.49 0.16 0.00 | 18.53 0.14 0.00 | 17.86 0.14 0.00 | 24.02 0.03 0.00 | 23.74 0.25 0.00 | 25.19 0.22 0.00 | 29.11 0.17 0.00 | 24.92 0.15 0.00 | 25.95 0.12 0.00 | 28.21 0.02 0.00 | 30.74 0.09 0.00 | 29.17 0.27 0.00 | 37.77 0.43 0.00 | 41.67 0.63 0.00 | 40.75 0.99 0.00 | 40.68 0.97 0.00 | 43.05 1.18 0.00 | 38.02 1.21 0.00 | 40.79 1.25 0.00 | 30.23 0.79 0.00 | 26.30 0.52 0.00 | 26.86 0.27 0.00 |
| LITTLRIV_115KV_TB1 356100 | 22.04 -0.42 0.00 | 19.55 -0.39 0.00 | 18.93 -0.40 0.00 | 18.00 -0.39 0.00 | 17.38 -0.34 0.00 | 23.55 -0.44 0.00 | 22.99 -0.49 0.00 | 24.47 -0.50 0.00 | 28.39 -0.55 0.00 | 24.22 -0.55 0.00 | 25.36 -0.48 0.00 | 27.69 -0.49 0.00 | 30.07 -0.58 0.00 | 28.36 -0.54 0.00 | 36.71 -0.63 0.00 | 40.35 -0.69 0.00 | 39.36 -0.52 -0.12 | 39.15 -0.91 -0.35 | 41.62 -0.84 -0.58 | 36.44 -0.68 -0.32 | 39.03 -0.65 -0.13 | 28.97 -0.46 0.00 | 25.20 -0.58 0.00 | 25.88 -0.71 0.00 |
| LI_NEWBRDGE___DRP 323616 | 24.04 1.58 0.00 | 21.20 1.25 0.00 | 20.50 1.17 0.00 | 19.52 1.12 0.00 | 18.80 1.08 0.00 | 25.26 1.27 0.00 | 25.16 1.68 0.00 | 26.87 1.90 0.00 | 31.18 2.23 0.00 | 26.74 1.97 0.00 | 38.48 2.16 -10.49 | 30.47 2.29 0.00 | 34.94 2.61 -1.69 | 59.44 2.57 -27.97 | 51.76 3.38 -11.04 | 56.69 3.75 -11.90 | 51.84 3.43 -8.66 | 43.07 3.26 -0.10 | 45.26 3.39 0.00 | 39.70 2.89 0.00 | 42.76 2.97 -0.25 | 38.04 2.47 -6.13 | 28.78 2.32 -0.67 | 29.22 2.25 -0.38 |
| LOCKPORT_115KV_TB60_63_64 80432 | 21.98 -0.48 0.00 | 19.74 -0.20 0.00 | 19.19 -0.14 0.00 | 18.16 -0.23 0.00 | 17.46 -0.26 0.00 | 23.98 -0.01 0.00 | 23.15 -0.33 0.00 | 24.68 -0.29 0.00 | 28.61 -0.34 0.00 | 24.44 -0.33 0.00 | 25.63 -0.20 0.00 | 28.00 -0.18 0.00 | 30.27 -0.37 0.00 | 28.36 -0.54 0.00 | 36.14 -1.20 0.00 | 39.47 -1.57 0.00 | 37.86 -1.90 0.00 | 38.16 -1.55 0.00 | 40.08 -1.80 0.00 | 34.97 -1.84 0.00 | 37.78 -1.80 -0.04 | 28.14 -1.40 -0.10 | 25.23 -0.56 0.00 | 26.50 -0.09 0.00 |
| LOCKPORT___CC1 323769 | 21.96 -0.50 0.00 | 19.66 -0.29 0.00 | 19.18 -0.14 0.00 | 18.15 -0.24 0.00 | 17.45 -0.27 0.00 | 23.96 -0.03 0.00 | 23.15 -0.34 0.00 | 24.68 -0.29 0.00 | 28.62 -0.33 0.00 | 24.44 -0.33 0.00 | 25.62 -0.21 0.00 | 28.00 -0.18 0.00 | 30.28 -0.36 0.00 | 28.35 -0.55 0.00 | 36.14 -1.20 0.00 | 39.44 -1.60 0.00 | 37.82 -1.94 0.00 | 38.12 -1.59 0.00 | 40.03 -1.85 0.00 | 34.92 -1.89 0.00 | 37.73 -1.86 -0.04 | 28.11 -1.43 -0.10 | 25.23 -0.56 0.00 | 26.48 -0.11 0.00 |
| LOCKPORT___CC2 323770 | 21.96 -0.50 0.00 | 19.66 -0.29 0.00 | 19.18 -0.14 0.00 | 18.15 -0.24 0.00 | 17.45 -0.27 0.00 | 23.96 -0.03 0.00 | 23.15 -0.34 0.00 | 24.68 -0.29 0.00 | 28.62 -0.33 0.00 | 24.44 -0.33 0.00 | 25.62 -0.21 0.00 | 28.00 -0.18 0.00 | 30.28 -0.36 0.00 | 28.35 -0.55 0.00 | 36.14 -1.20 0.00 | 39.44 -1.60 0.00 | 37.82 -1.94 0.00 | 38.12 -1.59 0.00 | 40.03 -1.85 0.00 | 34.92 -1.89 0.00 | 37.73 -1.86 -0.04 | 28.11 -1.43 -0.10 | 25.23 -0.56 0.00 | 26.48 -0.11 0.00 |

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|---------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| LOCKPORT___CC3 323771 | 21.96 -0.50 0.00 | 19.66 -0.29 0.00 | 19.18 -0.14 0.00 | 18.15 -0.24 0.00 | 17.45 -0.27 0.00 | 23.96 -0.03 0.00 | 23.15 -0.34 0.00 | 24.68 -0.29 0.00 | 28.62 -0.33 0.00 | 24.44 -0.33 0.00 | 25.62 -0.21 0.00 | 28.00 -0.18 0.00 | 30.28 -0.36 0.00 | 28.35 -0.55 0.00 | 36.14 -1.20 0.00 | 39.44 -1.60 0.00 | 37.82 -1.94 0.00 | 38.12 -1.59 0.00 | 40.03 -1.85 0.00 | 34.92 -1.89 0.00 | 37.73 -1.86 -0.04 | 28.11 -1.43 -0.10 | 25.23 -0.56 0.00 | 26.48 -0.11 0.00 |
| LONG_LAKE_PHOENIX 24014 | 22.18 -0.28 0.00 | 19.71 -0.23 0.00 | 19.13 -0.20 0.00 | 18.18 -0.21 0.00 | 17.54 -0.18 0.00 | 23.74 -0.25 0.00 | 23.18 -0.30 0.00 | 24.91 -0.33 -0.27 | 32.55 -0.39 -3.99 | 24.61 -0.33 -0.17 | 25.55 -0.28 0.00 | 27.88 -0.30 0.00 | 30.28 -0.36 0.00 | 28.53 -0.37 0.00 | 36.78 -0.56 0.00 | 41.60 -0.62 -1.18 | 40.51 -0.66 -1.41 | 42.81 -0.63 -3.72 | 47.54 -0.63 -6.30 | 39.67 -0.56 -3.42 | 40.34 -0.60 -1.39 | 29.02 -0.47 -0.05 | 25.41 -0.37 0.00 | 26.28 -0.31 0.00 |
| LOVETT___3 23632 | 23.49 1.03 0.00 | 20.73 0.79 0.00 | 20.07 0.74 0.00 | 19.15 0.75 0.00 | 18.42 0.70 0.00 | 24.82 0.83 0.00 | 24.65 1.17 0.00 | 26.39 1.43 0.00 | 30.61 1.66 0.00 | 26.24 1.47 0.00 | 12.91 1.57 14.49 | 29.88 1.70 0.00 | 32.61 1.97 0.00 | 30.86 1.96 0.00 | 39.90 2.56 0.00 | 44.00 2.96 0.00 | 42.45 2.70 0.00 | 42.40 2.69 0.00 | 44.60 2.72 0.00 | 39.14 2.33 0.00 | 42.22 2.44 -0.24 | 31.92 1.85 -0.63 | 27.44 1.66 0.00 | 28.11 1.53 0.00 |
| LOVETT___4 23642 | 23.49 1.03 0.00 | 20.73 0.79 0.00 | 20.07 0.74 0.00 | 19.15 0.75 0.00 | 18.42 0.70 0.00 | 24.82 0.83 0.00 | 24.65 1.17 0.00 | 26.39 1.43 0.00 | 30.61 1.66 0.00 | 26.24 1.47 0.00 | 12.91 1.57 14.49 | 29.88 1.70 0.00 | 32.61 1.97 0.00 | 30.86 1.96 0.00 | 39.90 2.56 0.00 | 44.00 2.96 0.00 | 42.45 2.70 0.00 | 42.40 2.69 0.00 | 44.60 2.72 0.00 | 39.14 2.33 0.00 | 42.22 2.44 -0.24 | 31.92 1.85 -0.63 | 27.44 1.66 0.00 | 28.11 1.53 0.00 |
| LOVETT___5 23593 | 23.49 1.03 0.00 | 20.73 0.79 0.00 | 20.07 0.74 0.00 | 19.15 0.75 0.00 | 18.42 0.70 0.00 | 24.82 0.83 0.00 | 24.65 1.17 0.00 | 26.39 1.43 0.00 | 30.61 1.66 0.00 | 26.24 1.47 0.00 | 12.91 1.57 14.49 | 29.88 1.70 0.00 | 32.61 1.97 0.00 | 30.86 1.96 0.00 | 39.90 2.56 0.00 | 44.00 2.96 0.00 | 42.45 2.70 0.00 | 42.40 2.69 0.00 | 44.60 2.72 0.00 | 39.14 2.33 0.00 | 42.22 2.44 -0.24 | 31.92 1.85 -0.63 | 27.44 1.66 0.00 | 28.11 1.53 0.00 |
| LOWER RAQUET___HYD 24057 | 21.68 -0.78 0.00 | 19.23 -0.72 0.00 | 18.60 -0.73 0.00 | 17.69 -0.70 0.00 | 17.07 -0.65 0.00 | 23.16 -0.83 0.00 | 22.61 -0.87 0.00 | 24.07 -0.90 0.00 | 27.94 -1.00 0.00 | 23.88 -0.89 0.00 | 24.93 -0.90 0.00 | 27.22 -0.97 0.00 | 29.55 -1.09 0.00 | 27.82 -1.08 0.00 | 35.96 -1.37 0.00 | 39.51 -1.53 0.00 | 38.61 -1.28 -0.13 | 38.52 -1.56 -0.37 | 40.97 -1.53 -0.62 | 35.84 -1.30 -0.34 | 38.37 -1.31 -0.14 | 28.47 -0.97 0.00 | 24.79 -1.00 0.00 | 25.46 -1.13 0.00 |
| LOWER___HUDSON 24059 | 23.32 0.86 0.00 | 20.77 0.83 0.00 | 20.13 0.80 0.00 | 19.18 0.79 0.00 | 18.45 0.73 0.00 | 24.85 0.87 0.00 | 24.52 1.04 0.00 | 25.98 1.02 0.00 | 30.02 1.07 0.00 | 25.68 0.91 0.00 | 29.24 0.87 -2.54 | 29.13 0.95 0.00 | 31.72 1.08 0.00 | 29.98 1.08 0.00 | 38.79 1.45 0.00 | 42.72 1.68 0.00 | 41.48 1.72 0.00 | 41.47 1.76 0.00 | 43.88 2.00 0.00 | 38.69 1.88 0.00 | 41.78 1.91 -0.32 | 31.68 1.39 -0.85 | 26.95 1.17 0.00 | 27.67 1.08 0.00 |
| LOWVILLE_115KV_TB2 356335 | 22.44 -0.02 0.00 | 19.92 -0.02 0.00 | 19.27 -0.06 0.00 | 18.38 -0.01 0.00 | 17.77 0.05 0.00 | 24.01 0.03 0.00 | 23.54 0.05 0.00 | 25.18 0.16 -0.05 | 29.94 0.28 -0.72 | 25.11 0.31 -0.03 | 26.35 0.52 0.00 | 28.82 0.64 0.00 | 31.23 0.59 0.00 | 29.17 0.27 0.00 | 37.43 0.09 0.00 | 41.15 -0.10 -0.21 | 40.29 0.22 -0.31 | 40.47 -0.08 -0.84 | 43.57 0.28 -1.42 | 38.07 0.49 -0.77 | 40.61 0.75 -0.32 | 29.85 0.39 -0.03 | 26.02 0.23 0.00 | 26.65 0.07 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 23.58 1.12 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.30 0.91 0.00 | 18.58 0.86 0.00 | 25.08 1.09 0.00 | 24.76 1.28 0.00 | 26.31 1.35 0.00 | 30.41 1.46 0.00 | 25.98 1.21 0.00 | 29.44 1.17 -2.44 | 29.44 1.26 0.00 | 32.07 1.43 0.00 | 30.34 1.44 0.00 | 39.29 1.95 0.00 | 43.36 2.33 0.00 | 42.20 2.44 0.00 | 42.19 2.48 0.00 | 44.62 2.74 0.00 | 39.28 2.47 0.00 | 42.42 2.55 -0.33 | 32.14 1.84 -0.86 | 27.32 1.53 0.00 | 28.08 1.49 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 23.57 1.11 0.00 | 20.95 1.01 0.00 | 20.26 0.93 0.00 | 19.31 0.92 0.00 | 18.57 0.85 0.00 | 25.09 1.11 0.00 | 24.78 1.30 0.00 | 26.34 1.37 0.00 | 30.44 1.49 0.00 | 25.98 1.21 0.00 | 29.45 1.17 -2.44 | 29.45 1.26 0.00 | 32.10 1.45 0.00 | 30.36 1.46 0.00 | 39.32 1.99 0.00 | 43.41 2.37 0.00 | 42.26 2.51 0.00 | 42.25 2.54 0.00 | 44.70 2.82 0.00 | 39.32 2.52 0.00 | 42.49 2.62 -0.33 | 32.17 1.87 -0.86 | 27.33 1.55 0.00 | 28.09 1.50 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 21.89 -0.57 0.00 | 19.41 -0.53 0.00 | 18.75 -0.58 0.00 | 17.87 -0.52 0.00 | 17.26 -0.46 0.00 | 23.40 -0.58 0.00 | 22.91 -0.58 0.00 | 24.48 -0.53 -0.04 | 28.99 -0.55 -0.60 | 24.34 -0.45 -0.03 | 25.44 -0.39 0.00 | 27.80 -0.38 0.00 | 30.13 -0.52 0.00 | 28.22 -0.68 0.00 | 36.36 -0.98 0.00 | 40.00 -1.22 -0.18 | 39.13 -0.89 -0.27 | 39.27 -1.16 -0.71 | 42.16 -0.92 -1.20 | 36.83 -0.63 -0.65 | 39.26 -0.55 -0.27 | 28.98 -0.47 -0.02 | 25.22 -0.56 0.00 | 25.88 -0.71 0.00 |
| LYONS_FALL_HYD 23570 | 22.59 0.13 0.00 | 20.04 0.10 0.00 | 19.43 0.10 0.00 | 18.52 0.13 0.00 | 17.88 0.16 0.00 | 24.16 0.17 0.00 | 23.69 0.21 0.00 | 25.33 0.32 -0.04 | 29.95 0.45 -0.56 | 25.24 0.44 -0.02 | 26.46 0.63 0.00 | 28.93 0.75 0.00 | 31.42 0.77 0.00 | 29.42 0.52 0.00 | 37.83 0.49 0.00 | 41.61 0.41 -0.16 | 40.59 0.60 -0.24 | 40.71 0.37 -0.63 | 43.56 0.62 -1.07 | 38.10 0.71 -0.58 | 40.69 0.91 -0.24 | 29.98 0.52 -0.03 | 26.17 0.39 0.00 | 26.83 0.25 0.00 |
| MADISON___COUNTY_LFGE 323628 | 22.89 0.42 0.00 | 20.32 0.38 0.00 | 19.74 0.41 0.00 | 18.78 0.39 0.00 | 18.10 0.39 0.00 | 24.46 0.47 0.00 | 24.01 0.53 0.00 | 25.67 0.65 -0.05 | 30.42 0.80 -0.68 | 25.52 0.72 -0.03 | 26.70 0.87 0.00 | 29.19 1.01 0.00 | 31.79 1.14 0.00 | 29.82 0.92 0.00 | 38.48 1.13 0.00 | 42.45 1.21 -0.20 | 41.24 1.24 -0.25 | 41.54 1.18 -0.65 | 44.22 1.24 -1.11 | 38.57 1.17 -0.60 | 41.08 1.27 -0.26 | 30.29 0.81 -0.04 | 26.43 0.65 0.00 | 27.20 0.61 0.00 |
| MALONE___115KV_TB1 356076 | 22.45 -0.01 0.00 | 19.90 -0.04 0.00 | 19.25 -0.08 0.00 | 18.30 -0.09 0.00 | 17.64 -0.08 0.00 | 24.02 0.03 0.00 | 23.46 -0.03 0.00 | 25.03 0.07 0.00 | 29.07 0.12 0.00 | 24.88 0.11 0.00 | 25.91 0.07 0.00 | 28.25 0.07 0.00 | 30.62 -0.02 0.00 | 28.87 -0.03 0.00 | 37.36 0.02 0.00 | 41.17 0.13 0.00 | 39.95 0.19 0.00 | 39.47 -0.24 0.00 | 41.65 -0.22 0.00 | 36.58 -0.23 0.00 | 39.42 -0.12 0.00 | 29.35 -0.09 0.00 | 25.55 -0.24 0.00 | 26.23 -0.36 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 23.20 0.74 0.00 | 20.64 0.70 0.00 | 20.02 0.69 0.00 | 19.07 0.68 0.00 | 18.36 0.64 0.00 | 24.70 0.71 0.00 | 24.38 0.90 0.00 | 25.90 0.93 0.00 | 29.93 0.99 0.00 | 25.64 0.87 0.00 | 29.19 0.84 -2.52 | 29.10 0.91 0.00 | 31.69 1.05 0.00 | 29.98 1.08 0.00 | 38.79 1.45 0.00 | 42.71 1.67 0.00 | 41.46 1.70 0.00 | 41.47 1.76 0.00 | 43.81 1.93 0.00 | 38.59 1.78 0.00 | 41.70 1.84 -0.32 | 31.60 1.31 -0.84 | 26.89 1.10 0.00 | 27.59 1.00 0.00 |

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|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| MAPLE_RIDGE_WT_1 323574 | 22.32 -0.14 0.00 | 19.77 -0.17 0.00 | 19.17 -0.16 0.00 | 18.25 -0.14 0.00 | 17.63 -0.09 0.00 | 23.72 -0.27 0.00 | 23.18 -0.30 0.00 | 24.76 -0.21 0.00 | 28.81 -0.14 0.00 | 24.67 -0.10 0.00 | 25.79 -0.04 0.00 | 28.20 0.01 0.00 | 30.65 0.00 0.00 | 28.75 -0.14 0.00 | 37.09 -0.25 0.00 | 40.78 -0.26 0.00 | 39.51 -0.24 0.00 | 39.49 -0.22 0.00 | 41.58 -0.30 0.00 | 36.42 -0.38 0.00 | 39.22 -0.32 0.00 | 29.12 -0.32 0.00 | 25.46 -0.33 0.00 | 26.08 -0.50 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 22.32 -0.14 0.00 | 19.77 -0.17 0.00 | 19.17 -0.16 0.00 | 18.25 -0.14 0.00 | 17.63 -0.09 0.00 | 23.72 -0.27 0.00 | 23.18 -0.30 0.00 | 24.76 -0.21 0.00 | 28.81 -0.14 0.00 | 24.67 -0.10 0.00 | 25.79 -0.04 0.00 | 28.20 0.01 0.00 | 30.65 0.00 0.00 | 28.75 -0.14 0.00 | 37.09 -0.25 0.00 | 40.78 -0.26 0.00 | 39.51 -0.24 0.00 | 39.49 -0.22 0.00 | 41.58 -0.30 0.00 | 36.42 -0.38 0.00 | 39.22 -0.32 0.00 | 29.12 -0.32 0.00 | 25.46 -0.33 0.00 | 26.08 -0.50 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 22.52 0.06 0.00 | 19.97 0.03 0.00 | 19.31 -0.02 0.00 | 18.35 -0.04 0.00 | 17.71 -0.01 0.00 | 24.10 0.11 0.00 | 23.58 0.10 0.00 | 25.13 0.16 0.00 | 29.11 0.16 0.00 | 24.94 0.17 0.00 | 25.92 0.09 0.00 | 28.23 0.05 0.00 | 30.65 0.01 0.00 | 28.92 0.02 0.00 | 37.42 0.08 0.00 | 41.27 0.23 0.00 | 40.03 0.27 0.00 | 39.47 -0.25 0.00 | 41.65 -0.23 0.00 | 36.52 -0.28 0.00 | 39.36 -0.18 0.00 | 29.31 -0.13 0.00 | 25.53 -0.26 0.00 | 26.24 -0.35 0.00 |
| MARSHVLE_115KV_TB1 80742 | 24.20 1.74 0.00 | 21.41 1.46 0.00 | 20.63 1.30 0.00 | 19.63 1.24 0.00 | 18.92 1.21 0.00 | 25.73 1.75 0.00 | 25.26 1.78 0.00 | 27.02 2.05 0.00 | 31.54 2.60 0.00 | 26.94 2.17 0.00 | 30.17 1.98 -2.36 | 30.26 2.07 0.00 | 32.56 1.92 0.00 | 30.58 1.68 0.00 | 39.56 2.22 0.00 | 43.80 2.76 0.00 | 42.61 2.85 0.00 | 42.68 2.96 0.00 | 45.10 3.23 0.00 | 39.48 2.68 0.00 | 42.77 2.90 -0.33 | 32.37 2.07 -0.87 | 27.58 1.79 0.00 | 28.50 1.91 0.00 |
| MARSH_HILL_WT_PWR 323713 | 22.06 -0.41 0.00 | 19.74 -0.20 0.00 | 19.39 0.05 0.00 | 18.47 0.08 0.00 | 17.73 0.01 0.00 | 24.22 0.23 0.00 | 23.69 0.21 0.00 | 25.44 0.44 -0.03 | 29.97 0.55 -0.47 | 25.34 0.54 -0.02 | 26.54 0.70 0.00 | 28.96 0.78 0.00 | 31.29 0.64 0.00 | 29.41 0.51 0.00 | 37.60 0.26 0.00 | 41.34 0.16 -0.14 | 39.65 -0.27 -0.16 | 40.00 -0.14 -0.43 | 42.47 -0.13 -0.73 | 36.88 -0.32 -0.40 | 39.36 -0.40 -0.21 | 29.08 -0.49 -0.13 | 25.74 -0.05 0.00 | 27.04 0.45 0.00 |
| MCINTYRE_115KV_TB2 80467 | 22.35 -0.11 0.00 | 19.82 -0.12 0.00 | 19.17 -0.15 0.00 | 18.24 -0.16 0.00 | 17.60 -0.12 0.00 | 23.89 -0.10 0.00 | 23.33 -0.15 0.00 | 24.81 -0.16 0.00 | 28.75 -0.19 0.00 | 24.46 -0.30 0.00 | 25.59 -0.24 0.00 | 27.93 -0.25 0.00 | 30.33 -0.31 0.00 | 28.65 -0.25 0.00 | 37.10 -0.24 0.00 | 40.78 -0.26 0.00 | 39.75 -0.12 -0.11 | 39.58 -0.44 -0.31 | 42.08 -0.32 -0.52 | 36.89 -0.20 -0.29 | 39.54 -0.12 -0.11 | 29.37 -0.06 0.00 | 25.56 -0.23 0.00 | 26.25 -0.33 0.00 |
| MECO____69_KV_BK1 80468 | 24.55 2.08 0.00 | 21.81 1.87 0.00 | 21.22 1.89 0.00 | 20.18 1.79 0.00 | 19.45 1.73 0.00 | 26.16 2.17 0.00 | 25.75 2.27 0.00 | 27.44 2.47 0.00 | 31.55 2.61 0.00 | 26.64 1.87 0.00 | 30.67 2.47 -2.36 | 30.34 2.15 0.00 | 32.11 1.46 0.00 | 30.91 2.01 0.00 | 40.90 3.56 0.00 | 44.30 3.26 0.00 | 44.45 4.69 0.00 | 43.24 3.53 0.00 | 46.28 4.40 0.00 | 40.66 3.85 0.00 | 43.96 4.09 -0.33 | 33.25 2.95 -0.87 | 28.15 2.37 0.00 | 29.12 2.53 0.00 |
| MENANDS__115KV_TB5 355628 | 23.07 0.61 0.00 | 20.53 0.59 0.00 | 19.91 0.58 0.00 | 18.97 0.58 0.00 | 18.26 0.54 0.00 | 24.56 0.57 0.00 | 24.24 0.76 0.00 | 25.74 0.77 0.00 | 29.75 0.81 0.00 | 25.49 0.72 0.00 | 29.03 0.68 -2.52 | 28.94 0.75 0.00 | 31.52 0.88 0.00 | 29.81 0.91 0.00 | 38.56 1.22 0.00 | 42.44 1.40 0.00 | 41.17 1.41 0.00 | 41.17 1.46 0.00 | 43.49 1.61 0.00 | 38.31 1.51 0.00 | 41.41 1.54 -0.32 | 31.38 1.11 -0.84 | 26.71 0.92 0.00 | 27.41 0.82 0.00 |
| MG INDUSTRY____DRP 24185 | 23.16 0.70 0.00 | 20.61 0.67 0.00 | 19.99 0.66 0.00 | 19.03 0.64 0.00 | 18.32 0.60 0.00 | 24.71 0.72 0.00 | 24.33 0.84 0.00 | 25.83 0.85 0.00 | 29.84 0.90 0.00 | 25.54 0.77 0.00 | 28.86 0.74 -2.28 | 28.99 0.80 0.00 | 31.55 0.91 0.00 | 29.83 0.93 0.00 | 38.56 1.22 0.00 | 42.45 1.41 0.00 | 41.15 1.39 0.00 | 41.21 1.50 0.00 | 43.53 1.66 0.00 | 38.38 1.58 0.00 | 41.50 1.64 -0.31 | 31.45 1.19 -0.83 | 26.78 1.00 0.00 | 27.51 0.92 0.00 |
| MID____OSWEGATCHIE_HYD 23849 | 21.89 -0.57 0.00 | 19.41 -0.53 0.00 | 18.75 -0.58 0.00 | 17.87 -0.52 0.00 | 17.26 -0.46 0.00 | 23.40 -0.58 0.00 | 22.91 -0.58 0.00 | 24.48 -0.53 -0.04 | 28.99 -0.55 -0.60 | 24.34 -0.45 -0.03 | 25.44 -0.39 0.00 | 27.80 -0.38 0.00 | 30.13 -0.52 0.00 | 28.22 -0.68 0.00 | 36.36 -0.98 0.00 | 40.00 -1.22 -0.18 | 39.13 -0.89 -0.27 | 39.27 -1.16 -0.71 | 42.16 -0.92 -1.20 | 36.83 -0.63 -0.65 | 39.26 -0.55 -0.27 | 28.98 -0.47 -0.02 | 25.22 -0.56 0.00 | 25.88 -0.71 0.00 |
| MID____RAQUETTE_HYD 23851 | 21.68 -0.78 0.00 | 19.23 -0.71 0.00 | 18.60 -0.73 0.00 | 17.69 -0.70 0.00 | 17.06 -0.65 0.00 | 23.16 -0.83 0.00 | 22.61 -0.87 0.00 | 24.07 -0.90 0.00 | 27.94 -1.00 0.00 | 23.88 -0.90 0.00 | 24.93 -0.90 0.00 | 27.22 -0.97 0.00 | 29.55 -1.10 0.00 | 27.82 -1.08 0.00 | 35.96 -1.37 0.00 | 39.51 -1.53 0.00 | 38.61 -1.28 -0.13 | 38.52 -1.56 -0.37 | 40.96 -1.53 -0.62 | 35.84 -1.30 -0.34 | 38.37 -1.31 -0.14 | 28.47 -0.96 0.00 | 24.79 -1.00 0.00 | 25.46 -1.13 0.00 |
| MILLIKEN____1 23584 | 22.83 0.37 0.00 | 20.30 0.36 0.00 | 19.70 0.37 0.00 | 18.74 0.35 0.00 | 18.07 0.35 0.00 | 24.48 0.49 0.00 | 24.03 0.55 0.00 | 25.72 0.66 -0.10 | 31.19 0.78 -1.46 | 25.48 0.65 -0.06 | 26.56 0.73 0.00 | 28.97 0.79 0.00 | 31.48 0.84 0.00 | 29.69 0.79 0.00 | 38.27 0.94 0.00 | 42.40 0.92 -0.43 | 41.09 0.82 -0.51 | 41.97 0.90 -1.36 | 45.22 1.04 -2.30 | 38.92 0.86 -1.25 | 41.06 0.97 -0.55 | 30.20 0.63 -0.13 | 26.36 0.58 0.00 | 27.23 0.65 0.00 |
| MILLIKEN____2 23585 | 22.83 0.37 0.00 | 20.30 0.36 0.00 | 19.70 0.37 0.00 | 18.74 0.35 0.00 | 18.07 0.35 0.00 | 24.48 0.49 0.00 | 24.03 0.55 0.00 | 25.72 0.66 -0.10 | 31.19 0.78 -1.46 | 25.48 0.65 -0.06 | 26.56 0.73 0.00 | 28.97 0.79 0.00 | 31.48 0.84 0.00 | 29.69 0.79 0.00 | 38.27 0.94 0.00 | 42.40 0.92 -0.43 | 41.09 0.82 -0.51 | 41.97 0.90 -1.36 | 45.22 1.04 -2.30 | 38.92 0.86 -1.25 | 41.06 0.97 -0.55 | 30.20 0.63 -0.13 | 26.36 0.58 0.00 | 27.23 0.65 0.00 |
| MILLIKEN____DIESEL 23629 | 22.83 0.37 0.00 | 20.30 0.36 0.00 | 19.70 0.37 0.00 | 18.74 0.35 0.00 | 18.07 0.35 0.00 | 24.48 0.49 0.00 | 24.03 0.55 0.00 | 25.72 0.66 -0.10 | 31.19 0.78 -1.46 | 25.48 0.65 -0.06 | 26.56 0.73 0.00 | 28.97 0.79 0.00 | 31.48 0.84 0.00 | 29.69 0.79 0.00 | 38.27 0.94 0.00 | 42.40 0.92 -0.43 | 41.09 0.82 -0.51 | 41.97 0.90 -1.36 | 45.22 1.04 -2.30 | 38.92 0.86 -1.25 | 41.06 0.97 -0.55 | 30.20 0.63 -0.13 | 26.36 0.58 0.00 | 27.23 0.65 0.00 |
| MILLSEAT____LFGE 323607 | 22.37 -0.09 0.00 | 20.00 0.05 0.00 | 19.50 0.17 0.00 | 18.46 0.07 0.00 | 17.76 0.04 0.00 | 24.36 0.37 0.00 | 23.61 0.12 0.00 | 25.20 0.23 0.00 | 29.23 0.29 0.00 | 24.97 0.20 0.00 | 26.19 0.36 0.00 | 28.58 0.40 0.00 | 30.87 0.23 0.00 | 28.93 0.04 0.00 | 36.90 -0.44 0.00 | 40.37 -0.67 0.00 | 38.81 -0.95 0.00 | 39.17 -0.54 0.00 | 41.23 -0.65 0.00 | 36.04 -0.76 0.00 | 38.92 -0.67 -0.04 | 28.91 -0.62 -0.10 | 25.84 0.05 0.00 | 27.01 0.42 0.00 |

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| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 23.60 1.14 0.00 | 20.84 0.89 0.00 | 20.17 0.84 0.00 | 19.23 0.84 0.00 | 18.51 0.79 0.00 | 24.93 0.95 0.00 | 24.75 1.27 0.00 | 26.50 1.53 0.00 | 30.71 1.77 0.00 | 26.35 1.58 0.00 | 39.26 1.69 -11.74 | 30.00 1.82 0.00 | 32.74 2.10 0.00 | 30.98 2.08 0.00 | 40.06 2.72 0.00 | 44.16 3.12 0.00 | 42.61 2.85 0.00 | 42.55 2.84 0.00 | 44.76 2.89 0.00 | 39.29 2.48 0.00 | 42.39 2.60 -0.25 | 32.07 1.98 -0.66 | 27.55 1.77 0.00 | 28.23 1.65 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 23.68 1.21 0.00 | 20.89 0.95 0.00 | 20.23 0.90 0.00 | 19.29 0.90 0.00 | 18.56 0.84 0.00 | 25.01 1.02 0.00 | 24.83 1.35 0.00 | 26.59 1.62 0.00 | 30.83 1.88 0.00 | 26.45 1.68 0.00 | 39.37 1.80 -11.74 | 30.12 1.93 0.00 | 32.87 2.23 0.00 | 31.10 2.20 0.00 | 40.21 2.87 0.00 | 44.34 3.30 0.00 | 42.78 3.02 0.00 | 42.72 3.01 0.00 | 44.97 3.09 0.00 | 39.45 2.64 0.00 | 42.55 2.76 -0.25 | 32.19 2.09 -0.66 | 27.66 1.87 0.00 | 28.33 1.75 0.00 |
| MODEL_CITY_ENERGY 24167 | 21.72 -0.74 0.00 | 19.45 -0.49 0.00 | 18.98 -0.35 0.00 | 17.97 -0.43 0.00 | 17.27 -0.45 0.00 | 23.70 -0.29 0.00 | 22.88 -0.60 0.00 | 24.37 -0.60 0.00 | 28.24 -0.71 0.00 | 24.12 -0.65 0.00 | 25.28 -0.55 0.00 | 27.63 -0.56 0.00 | 29.88 -0.76 0.00 | 27.97 -0.93 0.00 | 35.63 -1.71 0.00 | 38.89 -2.15 0.00 | 37.30 -2.45 0.00 | 37.62 -2.09 0.00 | 39.49 -2.39 0.00 | 34.46 -2.35 0.00 | 37.24 -2.35 -0.04 | 27.76 -1.78 -0.10 | 24.94 -0.85 0.00 | 26.20 -0.39 0.00 |
| MODERN_LFGE_ 323580 | 21.72 -0.74 0.00 | 19.45 -0.49 0.00 | 18.98 -0.35 0.00 | 17.97 -0.43 0.00 | 17.27 -0.45 0.00 | 23.70 -0.29 0.00 | 22.88 -0.60 0.00 | 24.37 -0.60 0.00 | 28.24 -0.71 0.00 | 24.12 -0.65 0.00 | 25.28 -0.55 0.00 | 27.63 -0.56 0.00 | 29.88 -0.76 0.00 | 27.97 -0.93 0.00 | 35.63 -1.71 0.00 | 38.89 -2.15 0.00 | 37.30 -2.45 0.00 | 37.62 -2.09 0.00 | 39.49 -2.39 0.00 | 34.46 -2.35 0.00 | 37.24 -2.35 -0.04 | 27.76 -1.78 -0.10 | 24.94 -0.85 0.00 | 26.20 -0.39 0.00 |
| MOHAWK_PAPER___DRP 24187 | 23.20 0.74 0.00 | 20.64 0.70 0.00 | 20.02 0.69 0.00 | 19.07 0.68 0.00 | 18.36 0.64 0.00 | 24.70 0.71 0.00 | 24.38 0.90 0.00 | 25.90 0.93 0.00 | 29.93 0.99 0.00 | 25.64 0.87 0.00 | 29.19 0.84 -2.52 | 29.10 0.91 0.00 | 31.69 1.05 0.00 | 29.98 1.08 0.00 | 38.79 1.45 0.00 | 42.71 1.67 0.00 | 41.46 1.70 0.00 | 41.47 1.76 0.00 | 43.81 1.93 0.00 | 38.59 1.78 0.00 | 41.70 1.84 -0.32 | 31.60 1.31 -0.84 | 26.89 1.10 0.00 | 27.59 1.00 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 23.57 1.11 0.00 | 20.86 0.92 0.00 | 20.17 0.84 0.00 | 19.19 0.80 0.00 | 18.48 0.76 0.00 | 24.95 0.96 0.00 | 24.66 1.18 0.00 | 26.23 1.26 0.00 | 30.25 1.30 0.00 | 25.80 1.03 0.00 | 29.23 0.96 -2.44 | 29.23 1.05 0.00 | 31.82 1.18 0.00 | 30.13 1.24 0.00 | 39.10 1.76 0.00 | 43.36 2.32 0.00 | 42.34 2.58 0.00 | 42.25 2.54 0.00 | 44.77 2.90 0.00 | 39.38 2.58 0.00 | 42.49 2.62 -0.33 | 32.18 1.88 -0.86 | 27.29 1.50 0.00 | 28.11 1.52 0.00 |
| MONGAUP___HYD 23641 | 23.45 0.99 0.00 | 20.71 0.77 0.00 | 20.09 0.76 0.00 | 19.15 0.76 0.00 | 18.42 0.70 0.00 | 24.79 0.80 0.00 | 24.53 1.05 0.00 | 26.21 1.24 0.00 | 30.25 1.30 0.00 | 25.77 1.00 0.00 | 18.53 0.93 8.24 | 29.12 0.93 0.00 | 31.61 0.96 0.00 | 29.94 1.04 0.00 | 38.74 1.40 0.00 | 42.69 1.65 0.00 | 41.44 1.69 0.00 | 41.53 1.82 0.00 | 43.77 1.90 0.00 | 38.51 1.70 0.00 | 41.59 1.82 -0.22 | 31.41 1.38 -0.59 | 27.19 1.41 0.00 | 27.96 1.37 0.00 |
| MONTAUK___DIESEL 23721 | 25.90 3.44 0.00 | 22.70 2.76 0.00 | 21.80 2.47 0.00 | 20.72 2.33 0.00 | 19.99 2.27 0.00 | 27.10 3.11 0.00 | 27.10 3.62 0.00 | 29.00 4.03 0.00 | 33.86 4.91 0.00 | 29.24 4.47 0.00 | 40.84 4.51 -10.49 | 33.14 4.95 0.00 | 37.79 5.46 -1.69 | 62.19 5.32 -27.97 | 55.21 6.83 -11.04 | 60.51 7.56 -11.91 | 55.49 7.07 -8.66 | 46.75 6.94 -0.10 | 49.18 7.31 0.00 | 43.13 6.33 0.00 | 46.33 6.53 -0.25 | 40.81 5.25 -6.13 | 31.26 4.81 -0.67 | 31.75 4.79 -0.38 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 22.70 0.23 0.00 | 20.25 0.31 0.00 | 19.73 0.39 0.00 | 18.65 0.26 0.00 | 17.97 0.25 0.00 | 24.71 0.72 0.00 | 24.06 0.57 0.00 | 25.81 0.84 0.00 | 30.00 1.05 0.00 | 25.64 0.87 0.00 | 26.89 1.06 0.00 | 29.34 1.15 0.00 | 31.61 0.97 0.00 | 29.63 0.73 0.00 | 37.93 0.59 0.00 | 41.45 0.41 0.00 | 39.71 -0.05 0.00 | 40.01 0.29 0.00 | 41.96 0.08 0.00 | 36.60 -0.21 0.00 | 39.47 -0.12 -0.04 | 29.37 -0.18 -0.12 | 25.92 0.14 0.00 | 26.89 0.30 0.00 |
| MORTIMER_115KV_TB3 55949 | 22.35 -0.11 0.00 | 19.97 0.03 0.00 | 19.37 0.04 0.00 | 18.38 -0.02 0.00 | 17.69 -0.03 0.00 | 24.18 0.19 0.00 | 23.51 0.03 0.00 | 25.07 0.10 0.00 | 29.10 0.16 0.00 | 24.89 0.12 0.00 | 26.03 0.19 0.00 | 28.39 0.21 0.00 | 30.77 0.12 0.00 | 28.93 0.03 0.00 | 37.14 -0.20 0.00 | 40.70 -0.34 0.00 | 39.17 -0.59 0.00 | 39.42 -0.30 0.00 | 41.50 -0.37 0.00 | 36.30 -0.51 0.00 | 39.13 -0.45 -0.03 | 29.08 -0.44 -0.08 | 25.77 -0.02 0.00 | 26.83 0.24 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 23.74 1.28 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.93 0.00 | 18.60 0.88 0.00 | 25.04 1.05 0.00 | 24.90 1.41 0.00 | 26.68 1.70 0.00 | 30.92 1.98 0.00 | 26.55 1.78 0.00 | 38.33 1.92 -10.58 | 30.24 2.05 0.00 | 32.99 2.35 0.00 | 31.22 2.32 0.00 | 40.37 3.03 0.00 | 44.51 3.47 0.00 | 42.90 3.14 0.00 | 42.82 3.11 0.00 | 45.02 3.15 0.00 | 39.50 2.70 0.00 | 42.61 2.81 -0.25 | 32.27 2.17 -0.66 | 27.75 1.97 0.00 | 28.43 1.84 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 23.59 1.13 0.00 | 20.94 1.00 0.00 | 20.40 1.07 0.00 | 19.33 0.94 0.00 | 18.65 0.93 0.00 | 25.32 1.34 0.00 | 25.06 1.58 0.00 | 26.98 1.95 -0.06 | 32.25 2.38 -0.92 | 26.86 2.05 -0.04 | 28.12 2.28 0.00 | 30.62 2.44 0.00 | 33.29 2.65 0.00 | 31.40 2.50 0.00 | 40.13 2.79 0.00 | 44.73 3.42 -0.27 | 43.36 3.28 -0.32 | 44.00 3.43 -0.86 | 47.00 3.67 -1.45 | 40.76 3.17 -0.79 | 43.21 3.27 -0.40 | 31.86 2.21 -0.21 | 27.55 1.77 0.00 | 28.39 1.81 0.00 |
| N SALMON___HYD 24042 | 22.45 -0.01 0.00 | 19.90 -0.04 0.00 | 19.25 -0.08 0.00 | 18.30 -0.09 0.00 | 17.64 -0.08 0.00 | 24.02 0.03 0.00 | 23.46 -0.03 0.00 | 25.03 0.07 0.00 | 29.07 0.12 0.00 | 24.88 0.12 0.00 | 25.91 0.07 0.00 | 28.25 0.07 0.00 | 30.62 -0.02 0.00 | 28.87 -0.03 0.00 | 37.36 0.02 0.00 | 41.17 0.13 0.00 | 39.95 0.19 0.00 | 39.47 -0.24 0.00 | 41.65 -0.22 0.00 | 36.58 -0.23 0.00 | 39.42 -0.12 0.00 | 29.35 -0.09 0.00 | 25.55 -0.24 0.00 | 26.23 -0.36 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 22.28 -0.18 0.00 | 20.00 0.06 0.00 | 19.44 0.11 0.00 | 18.39 0.00 0.00 | 17.69 -0.03 0.00 | 24.27 0.29 0.00 | 23.49 0.01 0.00 | 25.07 0.10 0.00 | 29.06 0.11 0.00 | 24.83 0.06 0.00 | 26.07 0.24 0.00 | 28.46 0.28 0.00 | 30.74 0.09 0.00 | 28.82 -0.08 0.00 | 36.76 -0.58 0.00 | 40.18 -0.86 0.00 | 38.58 -1.18 0.00 | 38.87 -0.84 0.00 | 40.88 -0.99 0.00 | 35.72 -1.09 0.00 | 38.58 -1.01 -0.04 | 28.70 -0.84 -0.10 | 25.65 -0.13 0.00 | 26.88 0.29 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 24.24 1.78 0.00 | 21.37 1.43 0.00 | 20.66 1.33 0.00 | 19.66 1.27 0.00 | 18.93 1.22 0.00 | 25.46 1.48 0.00 | 25.36 1.88 0.00 | 27.10 2.13 0.00 | 31.44 2.50 0.00 | 26.96 2.19 0.00 | 38.70 2.38 -10.49 | 30.69 2.51 0.00 | 35.25 2.92 -1.69 | 59.67 2.81 -27.97 | 52.11 3.73 -11.04 | 57.14 4.19 -11.90 | 52.25 3.84 -8.66 | 43.44 3.64 -0.10 | 45.65 3.77 0.00 | 40.04 3.23 0.00 | 43.12 3.33 -0.25 | 38.29 2.72 -6.13 | 29.04 2.58 -0.67 | 29.46 2.50 -0.38 |

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| N.E_GEN_SANDY PD 24062 | 23.36 0.89 0.00 | 21.05 0.84 -0.27 | 20.68 0.79 -0.55 | 20.60 0.79 -1.42 | 19.22 0.74 -0.75 | 25.29 0.84 -0.47 | 24.81 1.05 -0.28 | 25.81 1.07 0.23 | 30.07 1.13 0.00 | 25.77 1.00 0.00 | 30.63 1.00 -3.80 | 29.29 1.11 0.00 | 31.89 1.25 0.00 | 30.15 1.25 0.00 | 39.00 1.67 0.00 | 42.92 1.88 0.00 | 41.58 1.82 0.00 | 41.60 1.89 0.00 | 43.95 2.07 0.00 | 38.71 1.90 0.00 | 41.77 1.94 -0.29 | 31.63 1.42 -0.77 | 27.00 1.22 0.00 | 27.64 1.12 0.06 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 23.53 1.07 0.00 | 20.76 0.82 0.00 | 20.10 0.77 0.00 | 19.18 0.78 0.00 | 18.44 0.72 0.00 | 24.85 0.87 0.00 | 24.68 1.20 0.00 | 26.44 1.47 0.00 | 30.66 1.72 0.00 | 26.29 1.51 0.00 | 13.27 1.62 14.19 | 29.94 1.76 0.00 | 32.68 2.04 0.00 | 30.94 2.04 0.00 | 40.01 2.67 0.00 | 44.13 3.09 0.00 | 42.60 2.84 0.00 | 42.53 2.81 0.00 | 44.72 2.85 0.00 | 39.23 2.43 0.00 | 42.33 2.54 -0.24 | 31.99 1.92 -0.63 | 27.50 1.72 0.00 | 28.17 1.58 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 23.77 1.31 0.00 | 20.98 1.04 0.00 | 20.29 0.96 0.00 | 19.36 0.97 0.00 | 18.63 0.91 0.00 | 25.09 1.11 0.00 | 24.98 1.49 0.00 | 26.77 1.80 0.00 | 31.00 2.05 0.00 | 26.62 1.85 0.00 | 38.38 1.97 -10.58 | 30.27 2.09 0.00 | 33.04 2.40 0.00 | 31.31 2.41 0.00 | 40.43 3.09 0.00 | 44.60 3.56 0.00 | 42.92 3.17 0.00 | 42.87 3.16 0.00 | 45.04 3.17 0.00 | 39.53 2.73 0.00 | 42.65 2.86 -0.25 | 32.33 2.23 -0.66 | 27.80 2.02 0.00 | 28.49 1.90 0.00 |
| N.TROY____115KV_TB1 355778 | 23.32 0.86 0.00 | 20.76 0.82 0.00 | 20.13 0.80 0.00 | 19.18 0.79 0.00 | 18.45 0.73 0.00 | 24.85 0.86 0.00 | 24.52 1.04 0.00 | 25.98 1.02 0.00 | 30.02 1.07 0.00 | 25.68 0.91 0.00 | 29.24 0.87 -2.54 | 29.13 0.95 0.00 | 31.72 1.08 0.00 | 29.98 1.08 0.00 | 38.79 1.45 0.00 | 42.72 1.68 0.00 | 41.48 1.73 0.00 | 41.47 1.76 0.00 | 43.88 2.00 0.00 | 38.69 1.88 0.00 | 41.78 1.91 -0.32 | 31.68 1.39 -0.85 | 26.95 1.17 0.00 | 27.67 1.09 0.00 |
| NARROWS_GT1_1 24228 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT1_2 24229 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT1_3 24230 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT1_4 24231 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT1_5 24232 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT1_6 24233 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT1_7 24234 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT1_8 24235 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT2_1 24236 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT2_2 24237 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT2_3 24238 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |

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| NARROWS_GT2_4 24239 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT2_5 24240 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT2_6 24241 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT2_7 24242 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NARROWS_GT2_8 24243 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.23 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 3.00 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 23.58 1.12 0.00 | 20.97 1.03 0.00 | 20.31 0.97 0.00 | 19.33 0.94 0.00 | 18.62 0.90 0.00 | 25.16 1.17 0.00 | 24.83 1.35 0.00 | 26.35 1.38 0.00 | 30.41 1.47 0.00 | 25.93 1.16 0.00 | 28.67 0.97 -1.87 | 29.20 1.01 0.00 | 31.73 1.09 0.00 | 30.05 1.15 0.00 | 38.91 1.57 0.00 | 42.96 1.92 0.00 | 41.82 2.06 0.00 | 42.06 2.34 0.00 | 44.64 2.76 0.00 | 39.49 2.69 0.00 | 42.66 2.82 -0.30 | 32.20 1.98 -0.79 | 27.38 1.60 0.00 | 28.07 1.48 0.00 |
| NCHELSEA_115KV_TR2 355582 | 23.75 1.29 0.00 | 20.98 1.04 0.00 | 20.32 0.99 0.00 | 19.36 0.97 0.00 | 18.64 0.92 0.00 | 25.11 1.12 0.00 | 24.90 1.42 0.00 | 26.64 1.68 0.00 | 30.88 1.93 0.00 | 26.48 1.71 0.00 | 27.65 1.81 0.00 | 30.15 1.97 0.00 | 32.91 2.27 0.00 | 31.17 2.27 0.00 | 40.35 3.01 0.00 | 44.51 3.47 0.00 | 43.01 3.26 0.00 | 42.99 3.28 0.00 | 45.24 3.37 0.00 | 39.71 2.90 0.00 | 42.82 3.02 -0.25 | 32.35 2.25 -0.66 | 27.74 1.96 0.00 | 28.42 1.83 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 23.56 1.10 0.00 | 20.95 1.01 0.00 | 20.27 0.94 0.00 | 19.30 0.91 0.00 | 18.58 0.86 0.00 | 25.06 1.07 0.00 | 24.76 1.28 0.00 | 26.31 1.34 0.00 | 30.40 1.45 0.00 | 25.98 1.21 0.00 | 29.49 1.18 -2.47 | 29.47 1.29 0.00 | 32.12 1.48 0.00 | 30.37 1.47 0.00 | 39.33 1.99 0.00 | 43.43 2.39 0.00 | 42.25 2.50 0.00 | 42.25 2.54 0.00 | 44.69 2.81 0.00 | 39.34 2.54 0.00 | 42.47 2.60 -0.32 | 32.17 1.87 -0.86 | 27.34 1.56 0.00 | 28.06 1.48 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 22.00 -0.46 0.00 | 19.60 -0.34 0.00 | 19.04 -0.29 0.00 | 18.08 -0.31 0.00 | 17.41 -0.31 0.00 | 23.73 -0.26 0.00 | 23.15 -0.33 0.00 | 24.74 -0.26 -0.04 | 29.23 -0.26 -0.54 | 24.55 -0.24 -0.02 | 25.67 -0.16 0.00 | 28.01 -0.17 0.00 | 30.40 -0.25 0.00 | 28.60 -0.30 0.00 | 36.77 -0.57 0.00 | 40.45 -0.75 -0.16 | 39.01 -0.94 -0.19 | 39.52 -0.69 -0.50 | 41.99 -0.73 -0.84 | 36.43 -0.84 -0.46 | 38.92 -0.84 -0.21 | 28.75 -0.77 -0.08 | 25.40 -0.39 0.00 | 26.36 -0.23 0.00 |
| NEG CENTRAL___DRP 24199 | 22.48 0.02 0.00 | 20.02 0.07 0.00 | 19.44 0.11 0.00 | 18.47 0.08 0.00 | 17.81 0.09 0.00 | 24.19 0.20 0.00 | 23.70 0.22 0.00 | 25.38 0.32 -0.09 | 30.72 0.37 -1.41 | 25.15 0.32 -0.06 | 26.21 0.38 0.00 | 28.58 0.40 0.00 | 31.04 0.40 0.00 | 29.25 0.35 0.00 | 37.64 0.30 0.00 | 41.66 0.20 -0.41 | 40.26 0.01 -0.50 | 41.19 0.17 -1.31 | 44.34 0.24 -2.22 | 38.14 0.13 -1.21 | 40.22 0.16 -0.51 | 29.59 0.06 -0.09 | 25.94 0.15 0.00 | 26.89 0.31 0.00 |
| NEG CENTRAL___INDECK 23768 | 22.91 0.45 0.00 | 20.42 0.48 0.00 | 19.94 0.61 0.00 | 18.90 0.51 0.00 | 18.20 0.49 0.00 | 24.92 0.93 0.00 | 24.22 0.74 0.00 | 25.44 0.47 0.00 | 28.86 -0.09 0.00 | 24.53 -0.24 0.00 | 25.27 -0.56 0.00 | 27.42 -0.76 0.00 | 29.45 -1.19 0.00 | 28.40 -0.50 0.00 | 36.55 -0.79 0.00 | 40.06 -0.98 0.00 | 38.53 -1.23 0.00 | 39.03 -0.68 0.00 | 41.38 -0.50 0.00 | 36.65 -0.16 0.00 | 40.24 0.64 -0.04 | 30.06 0.50 -0.11 | 26.62 0.83 0.00 | 27.74 1.16 0.00 |
| NEG CENTRAL___SENECA 23627 | 22.53 0.07 0.00 | 20.07 0.12 0.00 | 19.53 0.20 0.00 | 18.53 0.14 0.00 | 17.87 0.15 0.00 | 24.30 0.31 0.00 | 23.80 0.32 0.00 | 25.49 0.47 -0.05 | 30.18 0.51 -0.72 | 25.30 0.50 -0.03 | 26.40 0.57 0.00 | 28.79 0.61 0.00 | 31.23 0.59 0.00 | 29.43 0.53 0.00 | 37.79 0.45 0.00 | 41.65 0.40 -0.21 | 40.18 0.17 -0.25 | 40.69 0.31 -0.67 | 43.39 0.38 -1.13 | 37.65 0.23 -0.62 | 40.10 0.27 -0.28 | 29.69 0.15 -0.10 | 26.04 0.26 0.00 | 27.05 0.47 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 22.75 0.29 0.00 | 20.27 0.33 0.00 | 19.53 0.20 0.00 | 18.61 0.22 0.00 | 17.96 0.24 0.00 | 24.43 0.44 0.00 | 24.00 0.52 0.00 | 25.69 0.59 -0.13 | 31.67 0.72 -2.01 | 25.37 0.51 -0.09 | 26.25 0.42 0.00 | 28.71 0.53 0.00 | 31.22 0.57 0.00 | 29.43 0.53 0.00 | 37.99 0.65 0.00 | 42.10 0.47 -0.59 | 40.77 0.31 -0.71 | 42.32 0.74 -1.87 | 45.96 0.92 -3.17 | 39.18 0.65 -1.72 | 41.05 0.78 -0.72 | 29.97 0.45 -0.08 | 26.29 0.50 0.00 | 27.16 0.57 0.00 |
| NEG MILLWOOD___DRP 24198 | 23.83 1.36 0.00 | 21.04 1.10 0.00 | 20.38 1.05 0.00 | 19.42 1.03 0.00 | 18.69 0.97 0.00 | 25.18 1.19 0.00 | 24.99 1.51 0.00 | 26.75 1.78 0.00 | 31.01 2.06 0.00 | 26.60 1.84 0.00 | 31.70 1.97 -3.90 | 30.32 2.14 0.00 | 33.09 2.45 0.00 | 31.34 2.44 0.00 | 40.58 3.24 0.00 | 44.76 3.71 0.00 | 43.23 3.47 0.00 | 43.20 3.48 0.00 | 45.46 3.58 0.00 | 39.88 3.08 0.00 | 43.00 3.20 -0.25 | 32.48 2.37 -0.67 | 27.86 2.07 0.00 | 28.53 1.94 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 22.79 0.33 0.00 | 20.19 0.25 0.00 | 19.54 0.22 0.00 | 18.58 0.19 0.00 | 17.93 0.21 0.00 | 24.39 0.40 0.00 | 23.92 0.44 0.00 | 25.49 0.52 0.00 | 29.49 0.55 0.00 | 25.29 0.52 0.00 | 26.26 0.43 0.00 | 28.58 0.40 0.00 | 31.02 0.38 0.00 | 29.29 0.39 0.00 | 37.91 0.57 0.00 | 41.91 0.87 0.00 | 40.66 0.90 0.00 | 40.02 0.31 0.00 | 42.25 0.38 0.00 | 37.06 0.26 0.00 | 39.89 0.34 0.00 | 29.67 0.23 0.00 | 25.88 0.10 0.00 | 26.60 0.01 0.00 |

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| NEG NORTH_KES_CHATEGAY 23792 | 22.51 0.04 0.00 | 19.96 0.01 0.00 | 19.30 -0.03 0.00 | 18.34 -0.05 0.00 | 17.69 -0.03 0.00 | 24.08 0.09 0.00 | 23.53 0.05 0.00 | 25.08 0.11 0.00 | 29.09 0.14 0.00 | 24.90 0.13 0.00 | 25.89 0.06 0.00 | 28.19 0.01 0.00 | 30.59 -0.06 0.00 | 28.86 -0.05 0.00 | 37.36 0.02 0.00 | 41.15 0.11 0.00 | 39.94 0.18 0.00 | 39.40 -0.31 0.00 | 41.59 -0.29 0.00 | 36.52 -0.29 0.00 | 39.36 -0.18 0.00 | 29.33 -0.11 0.00 | 25.55 -0.24 0.00 | 26.24 -0.34 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 22.77 0.31 0.00 | 20.18 0.24 0.00 | 19.52 0.19 0.00 | 18.56 0.17 0.00 | 17.91 0.19 0.00 | 24.36 0.38 0.00 | 23.89 0.41 0.00 | 25.47 0.50 0.00 | 29.48 0.53 0.00 | 25.28 0.52 0.00 | 26.28 0.44 0.00 | 28.56 0.37 0.00 | 31.00 0.36 0.00 | 29.29 0.38 0.00 | 37.89 0.55 0.00 | 41.92 0.88 0.00 | 40.66 0.91 0.00 | 40.04 0.33 0.00 | 42.28 0.40 0.00 | 37.07 0.27 0.00 | 39.92 0.38 0.00 | 29.69 0.25 0.00 | 25.88 0.09 0.00 | 26.58 0.00 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 22.77 0.31 0.00 | 20.18 0.24 0.00 | 19.52 0.19 0.00 | 18.56 0.17 0.00 | 17.91 0.19 0.00 | 24.36 0.38 0.00 | 23.89 0.41 0.00 | 25.47 0.50 0.00 | 29.48 0.53 0.00 | 25.28 0.52 0.00 | 26.28 0.44 0.00 | 28.56 0.37 0.00 | 31.00 0.36 0.00 | 29.29 0.38 0.00 | 37.89 0.55 0.00 | 41.92 0.88 0.00 | 40.66 0.91 0.00 | 40.04 0.33 0.00 | 42.28 0.40 0.00 | 37.07 0.27 0.00 | 39.92 0.38 0.00 | 29.69 0.25 0.00 | 25.88 0.09 0.00 | 26.58 0.00 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 22.77 0.31 0.00 | 20.19 0.25 0.00 | 19.52 0.19 0.00 | 18.56 0.17 0.00 | 17.91 0.19 0.00 | 24.36 0.38 0.00 | 23.89 0.41 0.00 | 25.47 0.50 0.00 | 29.48 0.53 0.00 | 25.28 0.52 0.00 | 26.28 0.44 0.00 | 28.56 0.37 0.00 | 31.00 0.36 0.00 | 29.29 0.38 0.00 | 37.89 0.55 0.00 | 41.92 0.88 0.00 | 40.66 0.91 0.00 | 40.04 0.33 0.00 | 42.27 0.40 0.00 | 37.07 0.26 0.00 | 39.92 0.38 0.00 | 29.70 0.26 0.00 | 25.87 0.09 0.00 | 26.58 0.00 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 21.97 -0.49 0.00 | 19.73 -0.21 0.00 | 19.18 -0.15 0.00 | 18.15 -0.24 0.00 | 17.45 -0.27 0.00 | 23.97 -0.01 0.00 | 23.14 -0.34 0.00 | 24.68 -0.29 0.00 | 28.61 -0.34 0.00 | 24.44 -0.33 0.00 | 25.63 -0.20 0.00 | 28.00 -0.18 0.00 | 30.27 -0.37 0.00 | 28.35 -0.55 0.00 | 36.14 -1.20 0.00 | 39.44 -1.60 0.00 | 37.82 -1.94 0.00 | 38.12 -1.59 0.00 | 40.02 -1.86 0.00 | 34.92 -1.89 0.00 | 37.73 -1.85 -0.04 | 28.11 -1.43 -0.10 | 25.20 -0.58 0.00 | 26.48 -0.10 0.00 |
| NEG WEST___LANCASTR 23811 | 22.30 -0.16 0.00 | 19.96 0.02 0.00 | 19.43 0.10 0.00 | 18.40 0.01 0.00 | 17.71 -0.01 0.00 | 24.28 0.29 0.00 | 23.57 0.08 0.00 | 25.16 0.19 0.00 | 29.11 0.16 0.00 | 24.96 0.19 0.00 | 26.16 0.32 0.00 | 28.57 0.39 0.00 | 30.89 0.25 0.00 | 28.96 0.06 0.00 | 37.09 -0.25 0.00 | 40.49 -0.55 0.00 | 38.79 -0.97 0.00 | 38.97 -0.74 0.00 | 40.86 -1.01 0.00 | 35.65 -1.15 0.00 | 38.54 -1.05 -0.04 | 28.77 -0.78 -0.12 | 25.62 -0.16 0.00 | 26.88 0.29 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 22.63 0.17 0.00 | 20.07 0.13 0.00 | 19.55 0.22 0.00 | 18.56 0.16 0.00 | 17.89 0.17 0.00 | 24.28 0.29 0.00 | 23.83 0.34 0.00 | 25.48 0.45 -0.06 | 30.33 0.53 -0.86 | 25.28 0.47 -0.04 | 26.35 0.52 0.00 | 28.76 0.58 0.00 | 31.23 0.59 0.00 | 29.42 0.53 0.00 | 37.94 0.60 0.00 | 41.95 0.66 -0.25 | 40.56 0.50 -0.30 | 41.07 0.56 -0.80 | 43.75 0.53 -1.35 | 37.93 0.40 -0.73 | 40.35 0.44 -0.37 | 29.95 0.30 -0.21 | 26.12 0.33 0.00 | 27.04 0.45 0.00 |
| NEG___GEN_MONROE 24207 | 22.48 0.02 0.00 | 20.13 0.19 0.00 | 19.56 0.24 0.00 | 18.55 0.16 0.00 | 17.86 0.14 0.00 | 24.48 0.49 0.00 | 23.77 0.28 0.00 | 25.33 0.36 0.00 | 29.37 0.42 0.00 | 25.09 0.32 0.00 | 26.26 0.43 0.00 | 28.66 0.48 0.00 | 30.96 0.32 0.00 | 29.10 0.20 0.00 | 37.31 -0.03 0.00 | 40.88 -0.16 0.00 | 39.38 -0.38 0.00 | 39.67 -0.04 0.00 | 41.77 -0.11 0.00 | 36.52 -0.28 0.00 | 39.38 -0.19 -0.03 | 29.26 -0.26 -0.08 | 25.90 0.12 0.00 | 26.98 0.39 0.00 |
| NEPA___ENERGY 23901 | 22.35 -0.11 0.00 | 19.91 -0.04 0.00 | 19.43 0.10 0.00 | 18.36 -0.03 0.00 | 17.70 -0.01 0.00 | 24.30 0.31 0.00 | 23.68 0.19 0.00 | 25.34 0.37 0.00 | 29.40 0.45 0.00 | 25.09 0.32 0.00 | 26.21 0.38 0.00 | 28.62 0.44 0.00 | 30.96 0.32 0.00 | 29.05 0.15 0.00 | 37.25 -0.09 0.00 | 40.81 -0.23 0.00 | 39.13 -0.63 0.00 | 39.39 -0.32 0.00 | 41.33 -0.55 0.00 | 36.03 -0.77 0.00 | 38.88 -0.71 -0.04 | 29.00 -0.55 -0.12 | 25.66 -0.12 0.00 | 26.89 0.30 0.00 |
| NEVERSINK___HYD 23608 | 23.54 1.08 0.00 | 20.78 0.84 0.00 | 20.17 0.84 0.00 | 19.22 0.83 0.00 | 18.50 0.78 0.00 | 24.93 0.94 0.00 | 24.65 1.17 0.00 | 26.39 1.42 0.00 | 30.61 1.67 0.00 | 26.19 1.42 0.00 | 25.82 1.55 1.56 | 29.89 1.71 0.00 | 32.58 1.94 0.00 | 30.82 1.92 0.00 | 39.86 2.52 0.00 | 43.95 2.90 0.00 | 42.55 2.79 0.00 | 42.56 2.85 0.00 | 44.82 2.94 0.00 | 39.31 2.50 0.00 | 42.38 2.62 -0.22 | 31.93 1.93 -0.57 | 27.49 1.71 0.00 | 28.16 1.57 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 22.96 0.50 0.00 | 20.42 0.48 0.00 | 19.80 0.47 0.00 | 18.86 0.47 0.00 | 18.16 0.44 0.00 | 24.44 0.45 0.00 | 24.12 0.64 0.00 | 25.63 0.67 0.00 | 29.64 0.69 0.00 | 25.38 0.62 0.00 | 28.91 0.60 -2.48 | 28.84 0.66 0.00 | 31.43 0.79 0.00 | 29.72 0.82 0.00 | 38.46 1.12 0.00 | 42.34 1.30 0.00 | 41.05 1.30 0.00 | 41.04 1.33 0.00 | 43.33 1.45 0.00 | 38.17 1.36 0.00 | 41.26 1.40 -0.32 | 31.27 0.99 -0.84 | 26.60 0.81 0.00 | 27.30 0.71 0.00 |
| NEWTON___FALLS_HYD 23847 | 21.89 -0.57 0.00 | 19.41 -0.53 0.00 | 18.75 -0.58 0.00 | 17.87 -0.52 0.00 | 17.26 -0.46 0.00 | 23.40 -0.58 0.00 | 22.91 -0.58 0.00 | 24.48 -0.53 -0.04 | 28.99 -0.55 -0.60 | 24.34 -0.45 -0.03 | 25.44 -0.39 0.00 | 27.80 -0.38 0.00 | 30.13 -0.52 0.00 | 28.22 -0.68 0.00 | 36.36 -0.98 0.00 | 40.00 -1.22 -0.18 | 39.13 -0.89 -0.27 | 39.27 -1.16 -0.71 | 42.16 -0.92 -1.20 | 36.83 -0.63 -0.65 | 39.26 -0.55 -0.27 | 28.98 -0.47 -0.02 | 25.22 -0.56 0.00 | 25.88 -0.71 0.00 |
| NGRID_A1_DSASP 323792 | 21.75 -0.71 0.00 | 19.50 -0.45 0.00 | 19.02 -0.31 0.00 | 18.01 -0.38 0.00 | 17.31 -0.41 0.00 | 23.76 -0.23 0.00 | 22.92 -0.56 0.00 | 24.42 -0.56 0.00 | 28.32 -0.63 0.00 | 24.17 -0.60 0.00 | 25.34 -0.49 0.00 | 27.63 -0.55 0.00 | 29.78 -0.87 0.00 | 27.86 -1.03 0.00 | 35.47 -1.86 0.00 | 38.69 -2.35 0.00 | 37.03 -2.73 0.00 | 37.35 -2.36 0.00 | 39.18 -2.69 0.00 | 34.19 -2.61 0.00 | 36.95 -2.64 -0.04 | 27.56 -1.98 -0.10 | 24.79 -0.99 0.00 | 26.07 -0.51 0.00 |
| NGRID_A2_DSASP 323793 | 21.75 -0.71 0.00 | 19.50 -0.45 0.00 | 19.02 -0.31 0.00 | 18.01 -0.38 0.00 | 17.31 -0.41 0.00 | 23.76 -0.23 0.00 | 22.92 -0.56 0.00 | 24.42 -0.56 0.00 | 28.32 -0.63 0.00 | 24.17 -0.60 0.00 | 25.34 -0.49 0.00 | 27.63 -0.55 0.00 | 29.78 -0.87 0.00 | 27.86 -1.03 0.00 | 35.47 -1.86 0.00 | 38.69 -2.35 0.00 | 37.03 -2.73 0.00 | 37.35 -2.36 0.00 | 39.18 -2.69 0.00 | 34.19 -2.61 0.00 | 36.95 -2.64 -0.04 | 27.56 -1.98 -0.10 | 24.79 -0.99 0.00 | 26.07 -0.51 0.00 |
| NGRID_A4_DSASP 323807 | 21.76 -0.70 0.00 | 19.57 -0.37 0.00 | 19.02 -0.31 0.00 | 18.01 -0.38 0.00 | 17.31 -0.41 0.00 | 23.77 -0.22 0.00 | 22.92 -0.56 0.00 | 24.42 -0.55 0.00 | 28.31 -0.64 0.00 | 24.17 -0.60 0.00 | 25.33 -0.49 0.00 | 27.63 -0.55 0.00 | 29.77 -0.88 0.00 | 27.86 -1.04 0.00 | 35.48 -1.86 0.00 | 38.68 -2.35 0.00 | 37.02 -2.73 0.00 | 37.35 -2.36 0.00 | 39.18 -2.70 0.00 | 34.18 -2.62 0.00 | 36.95 -2.63 -0.04 | 27.56 -1.98 -0.10 | 24.77 -1.01 0.00 | 26.07 -0.51 0.00 |

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| NIAGARA_115E_LBMP 323715 | 21.59 -0.88 0.00 | 19.33 -0.61 0.00 | 18.87 -0.46 0.00 | 17.86 -0.53 0.00 | 17.17 -0.55 0.00 | 23.56 -0.43 0.00 | 22.72 -0.76 0.00 | 24.20 -0.77 0.00 | 28.02 -0.92 0.00 | 23.93 -0.84 0.00 | 25.08 -0.75 0.00 | 27.41 -0.77 0.00 | 29.64 -1.00 0.00 | 27.75 -1.15 0.00 | 35.33 -2.01 0.00 | 38.56 -2.48 0.00 | 36.98 -2.78 0.00 | 37.30 -2.42 0.00 | 39.14 -2.73 0.00 | 34.16 -2.65 0.00 | 36.92 -2.67 -0.04 | 27.54 -2.00 -0.10 | 24.76 -1.02 0.00 | 26.03 -0.56 0.00 |
| NIAGARA_115W_LBMP 323714 | 21.71 -0.75 0.00 | 19.46 -0.48 0.00 | 18.99 -0.34 0.00 | 17.98 -0.42 0.00 | 17.28 -0.44 0.00 | 23.71 -0.28 0.00 | 22.89 -0.60 0.00 | 24.37 -0.60 0.00 | 28.26 -0.68 0.00 | 24.13 -0.64 0.00 | 25.29 -0.54 0.00 | 27.57 -0.61 0.00 | 29.69 -0.95 0.00 | 27.79 -1.11 0.00 | 35.39 -1.95 0.00 | 38.59 -2.45 0.00 | 36.93 -2.83 0.00 | 37.25 -2.46 0.00 | 39.09 -2.79 0.00 | 34.09 -2.71 0.00 | 36.86 -2.73 -0.04 | 27.50 -2.04 -0.10 | 24.74 -1.05 0.00 | 26.02 -0.57 0.00 |
| NIAGARA_230_LBMP 323716 | 21.74 -0.72 0.00 | 19.47 -0.47 0.00 | 19.00 -0.33 0.00 | 17.99 -0.40 0.00 | 17.30 -0.42 0.00 | 23.71 -0.27 0.00 | 22.91 -0.57 0.00 | 24.40 -0.57 0.00 | 28.31 -0.64 0.00 | 24.17 -0.60 0.00 | 25.33 -0.50 0.00 | 27.68 -0.51 0.00 | 29.90 -0.74 0.00 | 27.99 -0.91 0.00 | 35.68 -1.66 0.00 | 38.90 -2.14 0.00 | 37.24 -2.52 0.00 | 37.53 -2.18 0.00 | 39.40 -2.48 0.00 | 34.38 -2.43 0.00 | 37.15 -2.43 -0.04 | 27.70 -1.84 -0.10 | 24.89 -0.89 0.00 | 26.17 -0.42 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 21.72 -0.74 0.00 | 19.54 -0.40 0.00 | 18.99 -0.34 0.00 | 17.98 -0.42 0.00 | 17.28 -0.44 0.00 | 23.72 -0.26 0.00 | 22.89 -0.60 0.00 | 24.37 -0.60 0.00 | 28.26 -0.69 0.00 | 24.13 -0.64 0.00 | 25.29 -0.54 0.00 | 27.57 -0.61 0.00 | 29.69 -0.96 0.00 | 27.79 -1.12 0.00 | 35.39 -1.95 0.00 | 38.59 -2.45 0.00 | 36.93 -2.83 0.00 | 37.25 -2.46 0.00 | 39.08 -2.80 0.00 | 34.10 -2.71 0.00 | 36.86 -2.73 -0.04 | 27.50 -2.04 -0.10 | 24.72 -1.07 0.00 | 26.02 -0.57 0.00 |
| NIAGARA____ 23760 | 21.74 -0.72 0.00 | 19.47 -0.47 0.00 | 19.00 -0.33 0.00 | 17.99 -0.40 0.00 | 17.30 -0.42 0.00 | 23.71 -0.27 0.00 | 22.91 -0.57 0.00 | 24.40 -0.57 0.00 | 28.31 -0.64 0.00 | 24.17 -0.60 0.00 | 25.33 -0.50 0.00 | 27.68 -0.51 0.00 | 29.90 -0.74 0.00 | 27.99 -0.91 0.00 | 35.68 -1.66 0.00 | 38.90 -2.14 0.00 | 37.24 -2.52 0.00 | 37.53 -2.18 0.00 | 39.40 -2.48 0.00 | 34.38 -2.43 0.00 | 37.15 -2.43 -0.04 | 27.70 -1.84 -0.10 | 24.89 -0.89 0.00 | 26.17 -0.42 0.00 |
| NINE_MILE_1 23575 | 21.87 -0.59 0.00 | 19.44 -0.50 0.00 | 18.86 -0.46 0.00 | 17.94 -0.45 0.00 | 17.29 -0.43 0.00 | 23.40 -0.59 0.00 | 22.83 -0.65 0.00 | 23.44 -0.71 0.82 | 15.91 -0.82 12.21 | 23.52 -0.71 0.54 | 25.12 -0.71 0.00 | 27.41 -0.77 0.00 | 29.77 -0.87 0.00 | 28.06 -0.84 0.00 | 36.21 -1.13 0.00 | 36.18 -1.27 3.59 | 34.13 -1.29 4.34 | 26.97 -1.25 11.49 | 21.11 -1.31 19.46 | 25.05 -1.18 10.57 | 34.07 -1.27 4.21 | 28.52 -0.96 -0.04 | 25.00 -0.79 0.00 | 25.84 -0.74 0.00 |
| NINE_MILE_2 23744 | 21.88 -0.59 0.00 | 19.44 -0.50 0.00 | 18.87 -0.46 0.00 | 17.94 -0.45 0.00 | 17.29 -0.42 0.00 | 23.40 -0.59 0.00 | 22.83 -0.65 0.00 | 23.43 -0.71 0.83 | 15.73 -0.82 12.40 | 23.52 -0.71 0.54 | 25.12 -0.71 0.00 | 27.41 -0.77 0.00 | 29.77 -0.87 0.00 | 28.06 -0.84 0.00 | 36.21 -1.13 0.00 | 36.13 -1.27 3.65 | 34.07 -1.29 4.40 | 26.80 -1.25 11.66 | 20.82 -1.31 19.75 | 24.90 -1.18 10.73 | 34.01 -1.27 4.27 | 28.52 -0.96 -0.04 | 25.00 -0.79 0.00 | 25.84 -0.74 0.00 |
| NM_CAPITAL___DRP 24208 | 23.01 0.55 0.00 | 20.48 0.54 0.00 | 19.86 0.53 0.00 | 18.92 0.53 0.00 | 18.21 0.49 0.00 | 24.50 0.51 0.00 | 24.18 0.70 0.00 | 25.68 0.71 0.00 | 29.68 0.73 0.00 | 25.42 0.65 0.00 | 28.97 0.62 -2.52 | 28.87 0.69 0.00 | 31.45 0.81 0.00 | 29.74 0.84 0.00 | 38.48 1.14 0.00 | 42.34 1.30 0.00 | 41.06 1.30 0.00 | 41.06 1.35 0.00 | 43.37 1.49 0.00 | 38.22 1.41 0.00 | 41.30 1.44 -0.32 | 31.31 1.03 -0.84 | 26.64 0.86 0.00 | 27.34 0.75 0.00 |
| NM_CENTRAL___DRP 24181 | 22.32 -0.14 0.00 | 19.84 -0.11 0.00 | 19.25 -0.08 0.00 | 18.30 -0.09 0.00 | 17.64 -0.08 0.00 | 23.90 -0.09 0.00 | 23.36 -0.12 0.00 | 24.93 -0.12 -0.08 | 30.04 -0.11 -1.21 | 24.73 -0.09 -0.05 | 25.80 -0.04 0.00 | 28.13 -0.05 0.00 | 30.51 -0.13 0.00 | 28.74 -0.16 0.00 | 37.09 -0.25 0.00 | 41.08 -0.31 -0.36 | 39.81 -0.37 -0.42 | 40.49 -0.34 -1.12 | 43.42 -0.35 -1.90 | 37.49 -0.34 -1.03 | 39.61 -0.37 -0.43 | 29.17 -0.32 -0.06 | 25.57 -0.22 0.00 | 26.47 -0.11 0.00 |
| NM_FRONTIER___DRP 24179 | 21.72 -0.74 0.00 | 19.54 -0.40 0.00 | 18.99 -0.34 0.00 | 17.98 -0.42 0.00 | 17.28 -0.44 0.00 | 23.72 -0.26 0.00 | 22.89 -0.60 0.00 | 24.37 -0.60 0.00 | 28.26 -0.69 0.00 | 24.13 -0.64 0.00 | 25.29 -0.54 0.00 | 27.57 -0.61 0.00 | 29.69 -0.96 0.00 | 27.79 -1.12 0.00 | 35.39 -1.95 0.00 | 38.59 -2.45 0.00 | 36.93 -2.83 0.00 | 37.25 -2.46 0.00 | 39.08 -2.80 0.00 | 34.10 -2.71 0.00 | 36.86 -2.73 -0.04 | 27.50 -2.04 -0.10 | 24.72 -1.07 0.00 | 26.02 -0.57 0.00 |
| NM_ST_REGIS___HYD 24053 | 21.90 -0.56 0.00 | 19.42 -0.52 0.00 | 18.79 -0.54 0.00 | 17.86 -0.53 0.00 | 17.23 -0.49 0.00 | 23.40 -0.59 0.00 | 22.85 -0.64 0.00 | 24.34 -0.63 0.00 | 28.26 -0.69 0.00 | 24.16 -0.61 0.00 | 25.21 -0.63 0.00 | 27.51 -0.67 0.00 | 29.85 -0.79 0.00 | 28.11 -0.79 0.00 | 36.37 -0.97 0.00 | 39.98 -1.06 0.00 | 39.01 -0.86 -0.12 | 38.85 -1.19 -0.33 | 41.28 -1.16 -0.56 | 36.12 -0.99 -0.30 | 38.69 -0.97 -0.12 | 28.72 -0.72 0.00 | 25.00 -0.79 0.00 | 25.67 -0.91 0.00 |
| NORTHPORT___1 23551 | 24.38 1.92 0.00 | 21.56 1.62 0.00 | 20.78 1.45 0.00 | 19.76 1.37 0.00 | 19.03 1.31 0.00 | 25.56 1.58 0.00 | 25.48 1.99 0.00 | 27.17 2.20 0.00 | 31.51 2.56 0.00 | 27.03 2.26 0.00 | 38.80 2.46 -10.50 | 30.78 2.60 0.00 | 35.25 2.91 -1.69 | 59.72 2.85 -27.97 | 52.10 3.73 -11.04 | 56.96 4.02 -11.91 | 52.11 3.69 -8.66 | 43.24 3.44 -0.10 | 45.53 3.65 0.00 | 39.92 3.12 0.00 | 42.98 3.18 -0.25 | 38.31 2.74 -6.13 | 29.04 2.59 -0.67 | 29.60 2.63 -0.38 |
| NORTHPORT___2 23552 | 24.38 1.92 0.00 | 21.56 1.62 0.00 | 20.78 1.45 0.00 | 19.76 1.37 0.00 | 19.03 1.31 0.00 | 25.56 1.58 0.00 | 25.48 1.99 0.00 | 27.17 2.20 0.00 | 31.51 2.56 0.00 | 27.03 2.26 0.00 | 38.80 2.46 -10.50 | 30.78 2.60 0.00 | 35.25 2.91 -1.69 | 59.72 2.85 -27.97 | 52.10 3.73 -11.04 | 56.96 4.02 -11.91 | 52.11 3.69 -8.66 | 43.24 3.44 -0.10 | 45.53 3.65 0.00 | 39.92 3.12 0.00 | 42.98 3.18 -0.25 | 38.31 2.74 -6.13 | 29.04 2.59 -0.67 | 29.60 2.63 -0.38 |
| NORTHPORT___3 23553 | 24.17 1.71 0.00 | 21.37 1.43 0.00 | 20.60 1.27 0.00 | 19.59 1.20 0.00 | 18.86 1.14 0.00 | 25.37 1.38 0.00 | 25.28 1.79 0.00 | 26.98 2.01 0.00 | 31.28 2.33 0.00 | 26.84 2.07 0.00 | 38.60 2.26 -10.50 | 30.60 2.41 0.00 | 35.05 2.71 -1.69 | 59.55 2.68 -27.97 | 51.92 3.54 -11.04 | 56.80 3.85 -11.90 | 51.92 3.50 -8.66 | 43.12 3.31 -0.10 | 45.34 3.47 0.00 | 39.76 2.96 0.00 | 42.82 3.02 -0.25 | 38.11 2.55 -6.13 | 28.84 2.39 -0.67 | 29.34 2.38 -0.38 |
| NORTHPORT___4 23650 | 24.17 1.71 0.00 | 21.37 1.43 0.00 | 20.60 1.27 0.00 | 19.59 1.20 0.00 | 18.86 1.14 0.00 | 25.37 1.38 0.00 | 25.28 1.79 0.00 | 26.98 2.01 0.00 | 31.28 2.33 0.00 | 26.84 2.07 0.00 | 38.60 2.26 -10.50 | 30.60 2.41 0.00 | 35.05 2.71 -1.69 | 59.55 2.68 -27.97 | 51.92 3.54 -11.04 | 56.80 3.85 -11.90 | 51.92 3.50 -8.66 | 43.12 3.31 -0.10 | 45.34 3.47 0.00 | 39.76 2.96 0.00 | 42.82 3.02 -0.25 | 38.11 2.55 -6.13 | 28.84 2.39 -0.67 | 29.34 2.38 -0.38 |

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| NORTHPORT___IC 23718 | 24.38 1.92 0.00 | 21.56 1.62 0.00 | 20.78 1.45 0.00 | 19.76 1.37 0.00 | 19.03 1.31 0.00 | 25.56 1.58 0.00 | 25.48 1.99 0.00 | 27.17 2.20 0.00 | 31.51 2.56 0.00 | 27.03 2.26 0.00 | 38.80 2.46 -10.50 | 30.78 2.60 0.00 | 35.25 2.91 -1.69 | 59.72 2.85 -27.97 | 52.10 3.73 -11.04 | 56.96 4.02 -11.91 | 52.11 3.69 -8.66 | 43.24 3.44 -0.10 | 45.53 3.65 0.00 | 39.92 3.12 0.00 | 42.98 3.18 -0.25 | 38.31 2.74 -6.13 | 29.04 2.59 -0.67 | 29.60 2.63 -0.38 |
| NORTH___COUNTRY_ESR 323785 | 22.44 -0.02 0.00 | 19.91 -0.03 0.00 | 19.25 -0.09 0.00 | 18.30 -0.09 0.00 | 17.65 -0.07 0.00 | 24.02 0.04 0.00 | 23.48 0.00 0.00 | 25.01 0.04 0.00 | 29.00 0.06 0.00 | 24.83 0.07 0.00 | 25.81 -0.02 0.00 | 28.13 -0.05 0.00 | 30.53 -0.11 0.00 | 28.80 -0.10 0.00 | 37.27 -0.07 0.00 | 41.07 0.03 0.00 | 39.85 0.09 0.00 | 39.32 -0.39 0.00 | 41.48 -0.39 0.00 | 36.40 -0.40 0.00 | 39.23 -0.32 0.00 | 29.23 -0.21 0.00 | 25.45 -0.33 0.00 | 26.16 -0.42 0.00 |
| NPX_GEN_1385_PROXY 323591 | 24.24 1.78 0.00 | 21.58 1.63 0.00 | 21.03 1.70 0.00 | 19.89 1.50 0.00 | 19.14 1.42 0.00 | 25.30 1.32 0.00 | 25.36 1.87 0.00 | 26.73 1.77 0.00 | 30.85 1.91 0.00 | 26.20 1.43 0.00 | 38.18 1.85 -10.50 | 30.12 1.94 0.00 | 34.53 2.19 -1.69 | 59.05 2.19 -27.97 | 51.24 2.86 -11.04 | 44.03 2.82 -0.16 | 51.40 2.98 -8.66 | 41.94 2.13 -0.10 | 44.48 2.60 0.00 | 39.00 2.19 0.00 | 41.96 2.16 -0.25 | 37.40 1.84 -6.13 | 28.39 1.93 -0.67 | 28.85 1.88 -0.38 |
| NPX_GEN_CSC 323557 | 24.91 2.45 0.00 | 22.00 2.06 0.00 | 21.08 1.75 0.00 | 20.05 1.65 0.00 | 19.33 1.61 0.00 | 26.07 2.08 0.00 | 26.02 2.53 0.00 | 27.80 2.83 0.00 | 32.31 3.36 0.00 | 27.82 3.05 0.00 | 39.47 3.13 -10.50 | 31.55 3.37 0.00 | 36.10 3.76 -1.69 | 60.61 3.73 -27.97 | 53.28 4.90 -11.04 | 58.26 5.31 -11.91 | 53.27 4.86 -8.66 | 44.47 4.67 -0.10 | 46.80 4.92 0.00 | 41.05 4.24 0.00 | 44.14 4.35 -0.25 | 39.25 3.69 -6.13 | 29.87 3.41 -0.67 | 30.43 3.46 -0.38 |
| NSINS_S_GLNS_FALLS 23858 | 23.51 1.05 0.00 | 20.81 0.87 0.00 | 20.11 0.78 0.00 | 19.13 0.74 0.00 | 18.42 0.70 0.00 | 24.88 0.89 0.00 | 24.59 1.11 0.00 | 26.15 1.18 0.00 | 30.16 1.22 0.00 | 25.72 0.95 0.00 | 29.15 0.89 -2.43 | 29.15 0.96 0.00 | 31.73 1.09 0.00 | 30.05 1.15 0.00 | 39.00 1.66 0.00 | 43.24 2.20 0.00 | 42.20 2.45 0.00 | 42.13 2.41 0.00 | 44.63 2.76 0.00 | 39.26 2.45 0.00 | 42.35 2.48 -0.33 | 32.09 1.79 -0.86 | 27.21 1.43 0.00 | 28.02 1.43 0.00 |
| NUCOR_STEEL___DRP 24197 | 22.60 0.14 0.00 | 20.19 0.24 0.00 | 19.51 0.18 0.00 | 18.60 0.21 0.00 | 17.94 0.22 0.00 | 24.25 0.26 0.00 | 23.81 0.33 0.00 | 25.51 0.39 -0.14 | 31.62 0.50 -2.17 | 25.18 0.31 -0.09 | 26.19 0.36 0.00 | 28.68 0.50 0.00 | 31.18 0.53 0.00 | 29.37 0.48 0.00 | 37.92 0.58 0.00 | 42.06 0.38 -0.64 | 40.77 0.24 -0.76 | 42.21 0.48 -2.03 | 45.93 0.62 -3.43 | 39.01 0.34 -1.87 | 40.82 0.50 -0.78 | 29.77 0.25 -0.08 | 26.11 0.32 0.00 | 26.96 0.38 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 22.40 -0.07 0.00 | 19.87 -0.07 0.00 | 19.24 -0.09 0.00 | 18.35 -0.05 0.00 | 17.75 0.03 0.00 | 23.97 -0.01 0.00 | 23.50 0.01 0.00 | 25.15 0.12 -0.05 | 29.92 0.23 -0.74 | 25.08 0.28 -0.03 | 26.31 0.48 0.00 | 28.78 0.60 0.00 | 31.18 0.54 0.00 | 29.11 0.21 0.00 | 37.36 0.02 0.00 | 41.09 -0.17 -0.22 | 40.23 0.15 -0.32 | 40.42 -0.15 -0.86 | 43.54 0.21 -1.45 | 38.02 0.43 -0.79 | 40.56 0.69 -0.33 | 29.81 0.35 -0.03 | 26.00 0.21 0.00 | 26.62 0.04 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 22.46 0.00 0.00 | 19.94 0.00 0.00 | 19.33 0.00 0.00 | 18.39 0.00 0.00 | 17.72 0.00 0.00 | 23.99 0.00 0.00 | 23.48 0.00 0.00 | 24.97 0.00 0.00 | 28.94 0.00 0.00 | 24.77 0.00 0.00 | 25.83 0.00 0.00 | 28.18 0.00 0.00 | 30.64 0.00 0.00 | 28.90 0.00 0.00 | 37.34 0.00 0.00 | 41.04 0.00 0.00 | 39.76 0.00 0.00 | 39.71 0.00 0.00 | 41.87 0.00 0.00 | 36.80 0.00 0.00 | 39.54 0.00 0.00 | 29.44 0.00 0.00 | 25.79 0.00 0.00 | 26.59 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 24.67 2.21 0.00 | 21.80 1.85 0.00 | 20.98 1.65 0.00 | 19.96 1.57 0.00 | 19.23 1.51 0.00 | 25.87 1.88 0.00 | 25.79 2.31 0.00 | 27.55 2.58 0.00 | 31.98 3.03 0.00 | 27.46 2.69 0.00 | 39.23 2.90 -10.50 | 31.28 3.10 0.00 | 35.82 3.49 -1.69 | 60.30 3.43 -27.97 | 52.81 4.43 -11.04 | 57.54 4.59 -11.91 | 52.54 4.13 -8.66 | 43.68 3.87 -0.10 | 45.96 4.09 0.00 | 40.29 3.49 0.00 | 43.35 3.56 -0.25 | 38.75 3.18 -6.13 | 29.52 3.06 -0.67 | 30.05 3.09 -0.38 |
| NYPA_GOWANUS___GT5 24156 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 -10.58 | 38.48 2.07 0.00 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.56 3.22 0.00 | 44.74 3.70 0.00 | 43.02 3.27 0.00 | 42.94 3.23 0.00 | 45.16 3.29 0.00 | 39.64 2.84 0.00 | 42.78 2.98 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NYPA_GOWANUS___GT6 24157 | 23.85 1.39 0.00 | 21.04 1.09 0.00 | 20.33 1.00 0.00 | 19.39 1.00 0.00 | 18.65 0.93 0.00 | 25.18 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.09 0.00 | 26.68 1.92 -10.58 | 38.48 2.07 0.00 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.56 3.22 0.00 | 44.74 3.70 0.00 | 43.02 3.27 0.00 | 42.94 3.23 0.00 | 45.16 3.29 0.00 | 39.64 2.84 0.00 | 42.78 2.98 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.60 2.01 0.00 |
| NYPA_HARLEM__RVR_GT1 24160 | 23.73 1.27 0.00 | 20.96 1.02 0.00 | 20.26 0.93 0.00 | 19.32 0.93 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.92 1.44 0.00 | 26.70 1.73 0.00 | 30.91 1.97 0.00 | 26.54 1.77 0.00 | 38.30 1.89 -10.58 | 30.19 2.01 0.00 | 32.96 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.06 0.00 | 44.94 3.07 0.00 | 39.46 2.65 0.00 | 42.57 2.77 -0.25 | 32.27 2.17 -0.66 | 27.74 1.96 0.00 | 28.42 1.84 0.00 |
| NYPA_HARLEM__RVR_GT2 24161 | 23.73 1.27 0.00 | 20.96 1.02 0.00 | 20.26 0.93 0.00 | 19.32 0.93 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.92 1.44 0.00 | 26.70 1.73 0.00 | 30.91 1.97 0.00 | 26.54 1.77 0.00 | 38.30 1.89 -10.58 | 30.19 2.01 0.00 | 32.96 2.32 0.00 | 31.24 2.34 0.00 | 40.33 2.99 0.00 | 44.49 3.45 0.00 | 42.82 3.07 0.00 | 42.77 3.06 0.00 | 44.94 3.07 0.00 | 39.46 2.65 0.00 | 42.57 2.77 -0.25 | 32.27 2.17 -0.66 | 27.74 1.96 0.00 | 28.42 1.84 0.00 |
| NYPA_KENT___GT 24152 | 23.83 1.36 0.00 | 21.02 1.08 0.00 | 20.31 0.98 0.00 | 19.38 0.99 0.00 | 18.64 0.92 0.00 | 25.14 1.15 0.00 | 25.02 1.53 0.00 | 26.80 1.84 0.00 | 31.04 2.09 0.00 | 26.67 1.90 0.00 | 38.46 2.05 -10.58 | 30.36 2.18 0.00 | 33.11 2.47 0.00 | 31.36 2.46 0.00 | 40.52 3.18 0.00 | 44.68 3.64 0.00 | 42.98 3.23 0.00 | 42.90 3.19 0.00 | 45.11 3.24 0.00 | 39.58 2.78 0.00 | 42.70 2.91 -0.25 | 32.39 2.29 -0.66 | 27.87 2.08 0.00 | 28.54 1.96 0.00 |
| NYPA_POUCH1___GT 24155 | 23.79 1.33 0.00 | 20.96 1.02 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.13 1.14 0.00 | 25.01 1.53 0.00 | 26.76 1.79 0.00 | 30.87 1.97 0.05 | 26.61 1.84 -9.91 | 37.70 1.96 0.00 | 30.32 2.14 0.00 | 33.04 2.40 0.00 | 31.29 2.39 0.00 | 40.41 3.07 0.00 | 44.59 3.55 0.00 | 42.84 3.09 0.01 | 42.79 3.08 0.00 | 45.03 3.15 0.00 | 39.52 2.72 0.00 | 42.66 2.86 -0.25 | 32.40 2.30 -0.66 | 27.88 2.09 0.00 | 28.57 1.98 0.00 |

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| NYPY_VERNON____GT2 24162 | 23.80 1.34 0.00 | 21.00 1.06 0.00 | 20.30 0.97 0.00 | 19.36 0.97 0.00 | 18.63 0.91 0.00 | 25.10 1.11 0.00 | 24.97 1.49 0.00 | 26.78 1.81 0.00 | 31.02 2.07 0.00 | 26.66 1.89 0.00 | 38.45 2.03 -10.58 | 30.35 2.16 0.00 | 33.10 2.46 0.00 | 31.34 2.44 0.00 | 40.51 3.17 0.00 | 44.66 3.62 0.00 | 42.98 3.23 0.00 | 42.90 3.19 0.00 | 45.08 3.21 0.00 | 39.55 2.75 0.00 | 42.66 2.87 -0.25 | 32.34 2.24 -0.66 | 27.81 2.03 0.00 | 28.49 1.91 0.00 |
| NYPY_VERNON____GT3 24163 | 23.80 1.34 0.00 | 21.00 1.06 0.00 | 20.30 0.97 0.00 | 19.36 0.97 0.00 | 18.63 0.91 0.00 | 25.10 1.11 0.00 | 24.97 1.49 0.00 | 26.78 1.81 0.00 | 31.02 2.07 0.00 | 26.66 1.89 0.00 | 38.45 2.03 -10.58 | 30.35 2.16 0.00 | 33.10 2.46 0.00 | 31.34 2.44 0.00 | 40.51 3.17 0.00 | 44.66 3.62 0.00 | 42.98 3.23 0.00 | 42.90 3.19 0.00 | 45.08 3.21 0.00 | 39.55 2.75 0.00 | 42.66 2.87 -0.25 | 32.34 2.24 -0.66 | 27.81 2.03 0.00 | 28.49 1.91 0.00 |
| NYPY____ASTORIA_CC1 323568 | 23.76 1.30 0.00 | 20.97 1.03 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.72 1.76 0.00 | 30.96 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.04 2.40 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.59 3.55 0.00 | 42.90 3.14 0.00 | 42.82 3.10 0.00 | 45.00 3.12 0.00 | 39.49 2.68 0.00 | 42.59 2.80 -0.25 | 32.29 2.19 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| NYPY____ASTORIA_CC2 323569 | 23.76 1.30 0.00 | 20.97 1.03 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.93 1.45 0.00 | 26.72 1.76 0.00 | 30.96 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.04 2.40 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.59 3.55 0.00 | 42.90 3.14 0.00 | 42.82 3.10 0.00 | 45.00 3.12 0.00 | 39.49 2.68 0.00 | 42.59 2.80 -0.25 | 32.29 2.19 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| NYPY____HOLTSVILL 23794 | 24.58 2.12 0.00 | 21.71 1.77 0.00 | 20.88 1.54 0.00 | 19.86 1.46 0.00 | 19.13 1.41 0.00 | 25.74 1.76 0.00 | 25.68 2.20 0.00 | 27.42 2.45 0.00 | 31.82 2.87 0.00 | 27.36 2.59 0.00 | 39.09 2.76 -10.50 | 31.13 2.94 0.00 | 35.65 3.31 -1.69 | 60.13 3.25 -27.97 | 52.63 4.25 -11.04 | 57.51 4.56 -11.91 | 52.57 4.16 -8.66 | 43.75 3.95 -0.10 | 46.03 4.16 0.00 | 40.37 3.56 0.00 | 43.43 3.64 -0.25 | 38.70 3.14 -6.13 | 29.40 2.95 -0.67 | 29.95 2.99 -0.38 |
| NYPY____HELLGATE_GT1 24158 | 23.73 1.27 0.00 | 20.96 1.02 0.00 | 20.26 0.93 0.00 | 19.32 0.93 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.92 1.44 0.00 | 26.70 1.73 0.00 | 30.91 1.97 0.00 | 26.54 1.77 0.00 | 38.30 1.89 -10.58 | 30.17 1.99 0.00 | 32.93 2.29 0.00 | 31.21 2.31 0.00 | 40.30 2.96 0.00 | 44.45 3.41 0.00 | 42.78 3.03 0.00 | 42.74 3.03 0.00 | 44.91 3.03 0.00 | 39.42 2.62 0.00 | 42.53 2.74 -0.25 | 32.24 2.14 -0.66 | 27.72 1.93 0.00 | 28.41 1.83 0.00 |
| NYPY____HELLGATE_GT2 24159 | 23.73 1.27 0.00 | 20.96 1.02 0.00 | 20.26 0.93 0.00 | 19.32 0.93 0.00 | 18.60 0.88 0.00 | 25.05 1.06 0.00 | 24.92 1.44 0.00 | 26.70 1.73 0.00 | 30.91 1.97 0.00 | 26.54 1.77 0.00 | 38.30 1.89 -10.58 | 30.17 1.99 0.00 | 32.93 2.29 0.00 | 31.21 2.31 0.00 | 40.30 2.96 0.00 | 44.45 3.41 0.00 | 42.78 3.03 0.00 | 42.74 3.03 0.00 | 44.91 3.03 0.00 | 39.42 2.62 0.00 | 42.53 2.74 -0.25 | 32.24 2.14 -0.66 | 27.72 1.93 0.00 | 28.41 1.83 0.00 |
| NYS_BARGE____HYD 23848 | 21.97 -0.49 0.00 | 19.66 -0.28 0.00 | 19.19 -0.14 0.00 | 18.16 -0.23 0.00 | 17.46 -0.26 0.00 | 23.96 -0.03 0.00 | 23.15 -0.33 0.00 | 24.68 -0.29 0.00 | 28.61 -0.33 0.00 | 24.44 -0.33 0.00 | 25.63 -0.20 0.00 | 28.01 -0.18 0.00 | 30.28 -0.36 0.00 | 28.36 -0.54 0.00 | 36.14 -1.20 0.00 | 39.48 -1.57 0.00 | 37.86 -1.90 0.00 | 38.16 -1.55 0.00 | 40.08 -1.80 0.00 | 34.97 -1.84 0.00 | 37.79 -1.79 -0.04 | 28.14 -1.40 -0.10 | 25.25 -0.53 0.00 | 26.50 -0.08 0.00 |
| OAK ORCHARD____HYD 24046 | 22.35 -0.11 0.00 | 19.93 -0.01 0.00 | 19.37 0.04 0.00 | 18.38 -0.02 0.00 | 17.69 -0.03 0.00 | 24.17 0.18 0.00 | 23.51 0.03 0.00 | 25.06 0.09 0.00 | 29.11 0.16 0.00 | 24.89 0.12 0.00 | 26.03 0.19 0.00 | 28.39 0.21 0.00 | 30.77 0.13 0.00 | 28.93 0.03 0.00 | 37.14 -0.20 0.00 | 40.70 -0.34 0.00 | 39.17 -0.59 0.00 | 39.42 -0.29 0.00 | 41.51 -0.36 0.00 | 36.30 -0.51 0.00 | 39.13 -0.45 -0.03 | 29.08 -0.44 -0.08 | 25.78 -0.01 0.00 | 26.83 0.24 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 22.59 0.13 0.00 | 20.05 0.10 0.00 | 19.51 0.18 0.00 | 18.52 0.13 0.00 | 17.85 0.14 0.00 | 24.22 0.23 0.00 | 23.76 0.27 0.00 | 25.40 0.37 -0.06 | 30.21 0.43 -0.83 | 25.18 0.37 -0.04 | 26.26 0.43 0.00 | 28.65 0.47 0.00 | 31.12 0.48 0.00 | 29.32 0.42 0.00 | 37.80 0.47 0.00 | 41.80 0.51 -0.24 | 40.41 0.36 -0.29 | 40.90 0.41 -0.78 | 43.57 0.38 -1.31 | 37.80 0.28 -0.71 | 40.21 0.30 -0.36 | 29.85 0.20 -0.21 | 26.03 0.25 0.00 | 26.97 0.38 0.00 |
| OCC_CHEM____DRP 24175 | 21.76 -0.70 0.00 | 19.48 -0.37 0.00 | 19.02 -0.31 0.00 | 18.01 -0.38 0.00 | 17.31 -0.41 0.00 | 23.77 -0.22 0.00 | 22.92 -0.56 0.00 | 24.42 -0.55 0.00 | 28.31 -0.64 0.00 | 24.17 -0.60 0.00 | 25.33 -0.49 0.00 | 27.63 -0.55 0.00 | 29.77 -0.88 0.00 | 27.86 -1.04 0.00 | 35.48 -1.86 0.00 | 38.68 -2.35 0.00 | 37.02 -2.73 0.00 | 37.35 -2.36 0.00 | 39.18 -2.70 0.00 | 34.18 -2.62 0.00 | 36.95 -2.63 -0.04 | 27.56 -1.98 -0.10 | 24.77 -1.01 0.00 | 26.07 -0.51 0.00 |
| OH_GEN_PROXY 24063 | 21.76 -0.71 0.00 | 19.48 -0.46 0.00 | 19.01 -0.32 0.00 | 18.00 -0.39 0.00 | 17.31 -0.41 0.00 | 23.73 -0.26 0.00 | 22.95 -0.54 0.00 | 24.45 -0.52 0.00 | 28.38 -0.56 0.00 | 24.22 -0.55 0.00 | 25.38 -0.45 0.00 | 27.74 -0.44 0.00 | 29.98 -0.66 0.00 | 28.05 -0.84 0.00 | 35.79 -1.55 0.00 | 39.04 -2.00 0.00 | 37.36 -2.40 0.00 | 37.66 -2.05 0.00 | 39.54 -2.34 0.00 | 34.50 -2.31 0.00 | 37.27 -2.31 -0.04 | 27.78 -1.76 -0.10 | 38.67 -0.84 -13.73 | 26.19 -0.40 0.00 |
| OLIN_CORP_DRP 24177 | 21.63 -0.83 0.00 | 19.44 -0.50 0.00 | 18.91 -0.43 0.00 | 17.89 -0.50 0.00 | 17.20 -0.52 0.00 | 23.62 -0.37 0.00 | 22.77 -0.71 0.00 | 24.24 -0.73 0.00 | 28.08 -0.87 0.00 | 23.98 -0.79 0.00 | 25.13 -0.70 0.00 | 27.47 -0.71 0.00 | 29.70 -0.94 0.00 | 27.81 -1.09 0.00 | 35.40 -1.93 0.00 | 38.64 -2.40 0.00 | 37.05 -2.70 0.00 | 37.38 -2.33 0.00 | 39.22 -2.66 0.00 | 34.23 -2.58 0.00 | 37.00 -2.59 -0.04 | 27.60 -1.94 -0.10 | 24.78 -1.00 0.00 | 26.07 -0.51 0.00 |
| OLIN_CORP_DSASP 323712 | 21.75 -0.71 0.00 | 19.50 -0.45 0.00 | 19.02 -0.31 0.00 | 18.01 -0.38 0.00 | 17.31 -0.41 0.00 | 23.76 -0.23 0.00 | 22.92 -0.56 0.00 | 24.42 -0.56 0.00 | 28.32 -0.63 0.00 | 24.17 -0.60 0.00 | 25.34 -0.49 0.00 | 27.63 -0.55 0.00 | 29.78 -0.87 0.00 | 27.86 -1.03 0.00 | 35.47 -1.86 0.00 | 38.69 -2.35 0.00 | 37.03 -2.73 0.00 | 37.35 -2.36 0.00 | 39.18 -2.69 0.00 | 34.19 -2.61 0.00 | 36.95 -2.64 -0.04 | 27.56 -1.98 -0.10 | 24.79 -0.99 0.00 | 26.07 -0.51 0.00 |
| ONEIDA_HERK_LFGE 323681 | 22.69 0.23 0.00 | 20.13 0.19 0.00 | 19.54 0.21 0.00 | 18.61 0.22 0.00 | 17.95 0.24 0.00 | 24.25 0.26 0.00 | 23.80 0.31 0.00 | 25.42 0.42 -0.03 | 29.96 0.56 -0.45 | 25.31 0.53 -0.02 | 26.53 0.70 0.00 | 29.00 0.82 0.00 | 31.52 0.87 0.00 | 29.57 0.67 0.00 | 38.05 0.71 -0.13 | 41.86 0.69 0.00 | 40.75 0.80 -0.19 | 40.85 0.64 -0.50 | 43.55 0.82 -0.85 | 38.11 0.84 -0.46 | 40.74 1.00 -0.19 | 30.06 0.60 -0.02 | 26.26 0.48 0.00 | 26.94 0.35 0.00 |

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| ONEIDA___115KV_TB4 55905 | 22.89 0.42 0.00 | 20.32 0.38 0.00 | 19.74 0.41 0.00 | 18.78 0.39 0.00 | 18.10 0.39 0.00 | 24.46 0.47 0.00 | 24.01 0.53 0.00 | 25.67 0.65 -0.05 | 30.42 0.80 -0.68 | 25.52 0.72 -0.03 | 26.70 0.87 0.00 | 29.19 1.01 0.00 | 31.79 1.14 0.00 | 29.82 0.92 0.00 | 38.48 1.13 0.00 | 42.45 1.21 -0.20 | 41.24 1.24 -0.25 | 41.54 1.18 -0.65 | 44.22 1.24 -1.11 | 38.57 1.17 -0.60 | 41.08 1.27 -0.26 | 30.29 0.81 -0.04 | 26.43 0.65 0.00 | 27.20 0.61 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 22.46 0.00 0.00 | 19.95 0.01 0.00 | 19.37 0.04 0.00 | 18.41 0.01 0.00 | 17.74 0.03 0.00 | 24.04 0.06 0.00 | 23.52 0.03 0.00 | 25.13 0.06 -0.10 | 30.48 0.09 -1.45 | 24.91 0.08 -0.06 | 25.98 0.15 0.00 | 28.34 0.16 0.00 | 30.75 0.10 0.00 | 28.96 0.07 0.00 | 37.36 0.02 0.00 | 41.47 0.01 -0.43 | 40.21 -0.06 -0.51 | 41.03 -0.03 -1.35 | 44.14 -0.01 -2.28 | 38.01 -0.04 -1.24 | 40.02 -0.05 -0.52 | 29.43 -0.08 -0.07 | 25.76 -0.03 0.00 | 26.65 0.07 0.00 |
| ONONDAGA___COGEN 23986 | 22.43 -0.03 0.00 | 19.95 0.01 0.00 | 19.36 0.03 0.00 | 18.41 0.02 0.00 | 17.75 0.03 0.00 | 24.02 0.04 0.00 | 23.49 0.01 0.00 | 25.14 0.03 -0.15 | 31.19 0.05 -2.20 | 24.90 0.03 -0.10 | 25.96 0.13 0.00 | 28.33 0.15 0.00 | 30.76 0.12 0.00 | 28.98 0.08 0.00 | 37.39 0.05 0.00 | 41.71 0.02 -0.65 | 40.48 -0.06 -0.77 | 41.72 -0.03 -2.05 | 45.32 -0.02 -3.46 | 38.62 -0.07 -1.88 | 40.26 -0.06 -0.78 | 29.40 -0.10 -0.07 | 25.74 -0.05 0.00 | 26.61 0.03 0.00 |
| ONTARIO___LFGE 23819 | 22.53 0.07 0.00 | 20.03 0.08 0.00 | 19.53 0.20 0.00 | 18.53 0.14 0.00 | 17.87 0.15 0.00 | 24.29 0.30 0.00 | 23.80 0.32 0.00 | 25.48 0.47 -0.05 | 30.18 0.51 -0.72 | 25.30 0.50 -0.03 | 26.40 0.57 0.00 | 28.79 0.61 0.00 | 31.23 0.59 0.00 | 29.42 0.52 0.00 | 37.79 0.45 0.00 | 41.65 0.40 -0.21 | 40.18 0.17 -0.25 | 40.69 0.31 -0.67 | 43.39 0.38 -1.13 | 37.65 0.23 -0.62 | 40.10 0.27 -0.28 | 29.68 0.14 -0.10 | 26.06 0.28 0.00 | 27.05 0.47 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 22.17 -0.30 0.00 | 19.78 -0.16 0.00 | 19.33 -0.01 0.00 | 18.30 -0.09 0.00 | 17.62 -0.10 0.00 | 24.16 0.17 0.00 | 23.51 0.02 0.00 | 25.11 0.13 0.00 | 29.11 0.16 0.00 | 24.90 0.13 0.00 | 26.09 0.26 0.00 | 28.49 0.31 0.00 | 30.81 0.17 0.00 | 28.91 0.01 0.00 | 36.95 -0.39 0.00 | 40.40 -0.65 0.00 | 38.73 -1.02 0.00 | 38.94 -0.77 0.00 | 40.92 -0.96 0.00 | 35.74 -1.07 0.00 | 38.52 -1.07 -0.05 | 28.69 -0.87 -0.12 | 25.53 -0.26 0.00 | 26.76 0.17 0.00 |
| ORANGEVILLE___ESR 323794 | 22.17 -0.30 0.00 | 19.78 -0.16 0.00 | 19.33 -0.01 0.00 | 18.30 -0.09 0.00 | 17.62 -0.10 0.00 | 24.16 0.17 0.00 | 23.51 0.02 0.00 | 25.11 0.13 0.00 | 29.11 0.16 0.00 | 24.90 0.13 0.00 | 26.09 0.26 0.00 | 28.49 0.31 0.00 | 30.81 0.17 0.00 | 28.91 0.01 0.00 | 36.95 -0.39 0.00 | 40.40 -0.65 0.00 | 38.73 -1.02 0.00 | 38.94 -0.77 0.00 | 40.92 -0.96 0.00 | 35.74 -1.07 0.00 | 38.52 -1.07 -0.05 | 28.69 -0.87 -0.12 | 25.53 -0.26 0.00 | 26.76 0.17 0.00 |
| OSWEGATCHIE___HYD 24044 | 21.89 -0.57 0.00 | 19.41 -0.53 0.00 | 18.75 -0.58 0.00 | 17.87 -0.52 0.00 | 17.26 -0.46 0.00 | 23.41 -0.58 0.00 | 22.91 -0.57 0.00 | 24.48 -0.53 -0.04 | 28.99 -0.55 -0.60 | 24.34 -0.45 -0.03 | 25.44 -0.39 0.00 | 27.80 -0.38 0.00 | 30.13 -0.52 0.00 | 28.22 -0.68 0.00 | 36.36 -0.98 0.00 | 40.00 -1.22 -0.18 | 39.13 -0.89 -0.27 | 39.27 -1.15 -0.71 | 42.16 -0.92 -1.20 | 36.83 -0.63 -0.65 | 39.26 -0.55 -0.27 | 28.98 -0.47 -0.02 | 25.23 -0.56 0.00 | 25.88 -0.71 0.00 |
| OSWEGO___5 23606 | 22.03 -0.43 0.00 | 19.58 -0.36 0.00 | 19.01 -0.32 0.00 | 18.07 -0.32 0.00 | 17.41 -0.30 0.00 | 23.57 -0.41 0.00 | 23.02 -0.46 0.00 | 25.09 -0.49 -0.61 | 37.51 -0.57 -9.13 | 24.67 -0.49 -0.40 | 25.35 -0.48 0.00 | 27.66 -0.53 0.00 | 30.04 -0.61 0.00 | 28.31 -0.59 0.00 | 36.53 -0.82 0.00 | 42.81 -0.92 -2.69 | 42.04 -0.95 -3.24 | 47.39 -0.90 -8.57 | 55.45 -0.94 -14.52 | 43.84 -0.86 -7.89 | 41.80 -0.91 -3.17 | 28.78 -0.70 -0.05 | 25.22 -0.56 0.00 | 26.07 -0.51 0.00 |
| OSWEGO___6 23613 | 22.03 -0.43 0.00 | 19.58 -0.36 0.00 | 19.01 -0.32 0.00 | 18.07 -0.32 0.00 | 17.41 -0.30 0.00 | 23.57 -0.41 0.00 | 23.02 -0.46 0.00 | 25.09 -0.49 -0.61 | 37.51 -0.57 -9.13 | 24.67 -0.49 -0.40 | 25.35 -0.48 0.00 | 27.66 -0.53 0.00 | 30.04 -0.61 0.00 | 28.31 -0.59 0.00 | 36.53 -0.82 0.00 | 42.81 -0.92 -2.69 | 42.04 -0.95 -3.24 | 47.39 -0.90 -8.57 | 55.45 -0.94 -14.52 | 43.84 -0.86 -7.89 | 41.80 -0.91 -3.17 | 28.78 -0.70 -0.05 | 25.22 -0.56 0.00 | 26.07 -0.51 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 22.25 -0.21 0.00 | 19.98 0.04 0.00 | 19.44 0.11 0.00 | 18.39 -0.01 0.00 | 17.68 -0.04 0.00 | 24.27 0.28 0.00 | 23.46 -0.02 0.00 | 25.03 0.06 0.00 | 29.06 0.12 0.00 | 24.84 0.06 0.00 | 26.05 0.22 0.00 | 28.46 0.28 0.00 | 30.74 0.10 0.00 | 28.81 -0.09 0.00 | 36.76 -0.58 0.00 | 40.13 -0.91 0.00 | 38.46 -1.30 0.00 | 38.78 -0.93 0.00 | 40.66 -1.21 0.00 | 35.45 -1.36 0.00 | 38.28 -1.31 -0.04 | 28.50 -1.05 -0.10 | 25.52 -0.27 0.00 | 26.77 0.19 0.00 |
| OXBOW___ 24026 | 22.06 -0.40 0.00 | 19.75 -0.19 0.00 | 19.29 -0.05 0.00 | 18.25 -0.14 0.00 | 17.54 -0.17 0.00 | 24.07 0.08 0.00 | 23.25 -0.23 0.00 | 24.80 -0.17 0.00 | 28.78 -0.16 0.00 | 24.58 -0.19 0.00 | 25.78 -0.05 0.00 | 28.15 -0.03 0.00 | 30.38 -0.27 0.00 | 28.44 -0.45 0.00 | 36.26 -1.08 0.00 | 39.57 -1.47 0.00 | 37.90 -1.85 0.00 | 38.21 -1.50 0.00 | 40.08 -1.79 0.00 | 34.94 -1.87 0.00 | 37.75 -1.83 -0.04 | 28.11 -1.43 -0.10 | 25.24 -0.54 0.00 | 26.50 -0.08 0.00 |
| OXY_CHEM_DSASP 323612 | 21.76 -0.70 0.00 | 19.57 -0.37 0.00 | 19.02 -0.31 0.00 | 18.01 -0.38 0.00 | 17.31 -0.41 0.00 | 23.77 -0.22 0.00 | 22.92 -0.56 0.00 | 24.42 -0.55 0.00 | 28.31 -0.64 0.00 | 24.17 -0.60 0.00 | 25.33 -0.49 0.00 | 27.63 -0.55 0.00 | 29.77 -0.88 0.00 | 27.86 -1.04 0.00 | 35.48 -1.86 0.00 | 38.68 -2.35 0.00 | 37.02 -2.73 0.00 | 37.35 -2.36 0.00 | 39.18 -2.70 0.00 | 34.18 -2.62 0.00 | 36.95 -2.63 -0.04 | 27.56 -1.98 -0.10 | 24.77 -1.01 0.00 | 26.07 -0.51 0.00 |
| OZONE_PARK_ESR 323760 | 23.98 1.52 0.00 | 21.15 1.21 0.00 | 20.46 1.13 0.00 | 19.51 1.12 0.00 | 18.77 1.05 0.00 | 25.27 1.29 0.00 | 25.15 1.67 0.00 | 26.97 2.00 0.00 | 31.26 2.32 0.00 | 26.84 2.08 -10.58 | 38.66 2.25 0.00 | 30.60 2.41 0.00 | 33.39 2.75 0.00 | 31.61 2.71 0.00 | 40.88 3.54 0.00 | 45.08 4.03 0.00 | 43.43 3.67 0.00 | 43.32 3.61 0.00 | 45.54 3.67 0.00 | 39.95 3.14 0.00 | 43.10 3.31 -0.25 | 32.65 2.55 -0.66 | 28.09 2.30 0.00 | 28.76 2.17 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 21.76 -0.70 0.00 | 19.57 -0.37 0.00 | 19.02 -0.31 0.00 | 18.01 -0.38 0.00 | 17.31 -0.41 0.00 | 23.77 -0.22 0.00 | 22.92 -0.56 0.00 | 24.42 -0.55 0.00 | 28.31 -0.64 0.00 | 24.17 -0.60 0.00 | 25.33 -0.49 0.00 | 27.63 -0.55 0.00 | 29.77 -0.88 0.00 | 27.86 -1.04 0.00 | 35.48 -1.86 0.00 | 38.68 -2.35 0.00 | 37.02 -2.73 0.00 | 37.35 -2.36 0.00 | 39.18 -2.70 0.00 | 34.18 -2.62 0.00 | 36.95 -2.63 -0.04 | 27.56 -1.98 -0.10 | 24.77 -1.01 0.00 | 26.07 -0.51 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 21.76 -0.70 0.00 | 19.57 -0.37 0.00 | 19.02 -0.31 0.00 | 18.01 -0.38 0.00 | 17.31 -0.41 0.00 | 23.77 -0.22 0.00 | 22.92 -0.56 0.00 | 24.42 -0.55 0.00 | 28.31 -0.64 0.00 | 24.17 -0.60 0.00 | 25.33 -0.49 0.00 | 27.63 -0.55 0.00 | 29.77 -0.88 0.00 | 27.86 -1.04 0.00 | 35.48 -1.86 0.00 | 38.68 -2.35 0.00 | 37.02 -2.73 0.00 | 37.35 -2.36 0.00 | 39.18 -2.70 0.00 | 34.18 -2.62 0.00 | 36.95 -2.63 -0.04 | 27.56 -1.98 -0.10 | 24.77 -1.01 0.00 | 26.07 -0.51 0.00 |

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| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 23.72 1.26 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.03 0.00 | 24.89 1.41 0.00 | 26.66 1.69 0.00 | 30.86 1.92 0.00 | 26.50 1.73 0.00 | 38.26 1.85 -10.58 | 30.14 1.96 0.00 | 32.91 2.27 0.00 | 31.19 2.29 0.00 | 40.27 2.94 0.00 | 44.42 3.38 0.00 | 42.76 3.00 0.00 | 42.71 3.00 0.00 | 44.91 3.04 0.00 | 39.42 2.62 0.00 | 42.54 2.75 -0.25 | 32.25 2.14 -0.66 | 27.70 1.92 0.00 | 28.38 1.79 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 23.74 1.28 0.00 | 21.01 1.07 0.00 | 20.38 1.05 0.00 | 19.45 1.06 0.00 | 18.71 0.99 0.00 | 25.11 1.12 0.00 | 24.96 1.48 0.00 | 26.72 1.75 0.00 | 30.92 1.98 0.00 | 26.53 1.76 0.00 | 38.31 1.90 -10.58 | 30.22 2.04 0.00 | 33.02 2.37 0.00 | 31.29 2.39 0.00 | 40.40 3.06 0.00 | 44.57 3.53 0.00 | 42.94 3.18 0.00 | 42.81 3.10 0.00 | 44.99 3.12 0.00 | 39.51 2.71 0.00 | 42.63 2.84 -0.25 | 32.32 2.22 -0.66 | 27.76 1.97 0.00 | 28.44 1.86 0.00 |
| PATROON__115KV_TB1 80586 | 23.02 0.56 0.00 | 20.48 0.54 0.00 | 19.86 0.53 0.00 | 18.92 0.53 0.00 | 18.22 0.50 0.00 | 24.51 0.53 0.00 | 24.20 0.71 0.00 | 25.71 0.74 0.00 | 29.72 0.78 0.00 | 25.47 0.70 0.00 | 29.00 0.69 -2.49 | 28.94 0.76 0.00 | 31.54 0.90 0.00 | 29.83 0.93 0.00 | 38.60 1.26 0.00 | 42.49 1.45 0.00 | 41.21 1.45 0.00 | 41.19 1.48 0.00 | 43.49 1.61 0.00 | 38.29 1.49 0.00 | 41.39 1.53 -0.32 | 31.37 1.09 -0.84 | 26.69 0.90 0.00 | 27.38 0.79 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 22.35 -0.11 0.00 | 20.02 0.07 0.00 | 19.48 0.15 0.00 | 18.43 0.04 0.00 | 17.74 0.02 0.00 | 24.34 0.35 0.00 | 23.61 0.12 0.00 | 25.21 0.24 0.00 | 29.20 0.26 0.00 | 25.02 0.25 0.00 | 26.25 0.42 0.00 | 28.67 0.49 0.00 | 31.02 0.37 0.00 | 29.09 0.19 0.00 | 37.23 -0.11 0.00 | 40.65 -0.40 0.00 | 38.94 -0.81 0.00 | 39.15 -0.56 0.00 | 41.04 -0.83 0.00 | 35.80 -1.00 0.00 | 38.67 -0.91 -0.04 | 28.83 -0.72 -0.11 | 25.71 -0.08 0.00 | 26.95 0.36 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 23.83 1.36 0.00 | 21.04 1.10 0.00 | 20.38 1.05 0.00 | 19.42 1.03 0.00 | 18.69 0.97 0.00 | 25.18 1.19 0.00 | 24.99 1.51 0.00 | 26.75 1.78 0.00 | 31.01 2.06 0.00 | 26.60 1.84 0.00 | 31.70 1.97 -3.90 | 30.32 2.14 0.00 | 33.09 2.45 0.00 | 31.34 2.44 0.00 | 40.58 3.24 0.00 | 44.76 3.71 0.00 | 43.23 3.47 0.00 | 43.20 3.48 0.00 | 45.46 3.58 0.00 | 39.88 3.08 0.00 | 43.00 3.20 -0.25 | 32.48 2.37 -0.67 | 27.86 2.07 0.00 | 28.53 1.94 0.00 |
| PEEKSKILL____ 23653 | 23.58 1.12 0.00 | 20.83 0.89 0.00 | 20.14 0.81 0.00 | 19.21 0.82 0.00 | 18.48 0.77 0.00 | 24.91 0.92 0.00 | 24.73 1.24 0.00 | 26.48 1.51 0.00 | 30.69 1.75 0.00 | 26.33 1.56 0.00 | 39.80 1.66 -12.31 | 29.97 1.79 0.00 | 32.70 2.06 0.00 | 30.94 2.04 0.00 | 40.02 2.68 0.00 | 44.12 3.08 0.00 | 42.57 2.82 0.00 | 42.52 2.81 0.00 | 44.74 2.86 0.00 | 39.26 2.45 0.00 | 42.35 2.56 -0.25 | 32.05 1.95 -0.65 | 27.52 1.74 0.00 | 28.21 1.62 0.00 |
| PGE MADISON__WINDPWR 24146 | 23.59 1.13 0.00 | 20.94 1.00 0.00 | 20.40 1.07 0.00 | 19.33 0.94 0.00 | 18.65 0.93 0.00 | 25.32 1.34 0.00 | 25.06 1.58 0.00 | 26.98 1.95 -0.06 | 32.25 2.38 -0.92 | 26.86 2.05 -0.04 | 28.12 2.28 0.00 | 30.62 2.44 0.00 | 33.29 2.65 0.00 | 31.40 2.50 0.00 | 40.13 2.79 0.00 | 44.73 3.42 -0.27 | 43.36 3.28 -0.32 | 44.00 3.43 -0.86 | 47.00 3.67 -1.45 | 40.76 3.17 -0.79 | 43.21 3.27 -0.40 | 31.86 2.21 -0.21 | 27.55 1.77 0.00 | 28.39 1.81 0.00 |
| PIERCEFIELD__HYD 23852 | 21.68 -0.78 0.00 | 19.23 -0.71 0.00 | 18.60 -0.73 0.00 | 17.69 -0.70 0.00 | 17.06 -0.65 0.00 | 23.16 -0.83 0.00 | 22.61 -0.87 0.00 | 24.07 -0.90 0.00 | 27.94 -1.00 0.00 | 23.88 -0.90 0.00 | 24.93 -0.90 0.00 | 27.22 -0.97 0.00 | 29.55 -1.10 0.00 | 27.82 -1.08 0.00 | 35.96 -1.37 0.00 | 39.51 -1.53 0.00 | 38.61 -1.28 -0.13 | 38.52 -1.56 -0.37 | 40.96 -1.53 -0.62 | 35.84 -1.30 -0.34 | 38.37 -1.31 -0.14 | 28.47 -0.96 0.00 | 24.79 -1.00 0.00 | 25.46 -1.13 0.00 |
| PINELAWN_CC_1 323563 | 24.45 1.99 0.00 | 21.61 1.67 0.00 | 20.81 1.48 0.00 | 19.79 1.39 0.00 | 19.06 1.34 0.00 | 25.65 1.67 0.00 | 25.58 2.10 0.00 | 27.34 2.37 0.00 | 31.71 2.76 0.00 | 27.21 2.44 0.00 | 38.98 2.65 -10.50 | 30.81 2.62 0.00 | 35.21 2.88 -1.69 | 59.72 2.85 -27.97 | 52.14 3.76 -11.04 | 57.03 4.09 -11.91 | 51.99 3.57 -8.66 | 43.25 3.45 -0.10 | 45.62 3.74 0.00 | 40.01 3.21 0.00 | 43.14 3.35 -0.25 | 38.61 3.05 -6.13 | 29.27 2.81 -0.67 | 29.76 2.79 -0.38 |
| PJM_GEN_HTP_PROXY 323702 | 23.71 1.25 0.00 | 20.93 0.99 0.00 | 20.23 0.90 0.00 | 19.31 0.91 0.00 | 18.58 0.86 0.00 | 25.00 1.01 0.00 | 24.86 1.38 0.00 | 26.65 1.68 0.00 | 30.90 1.95 0.00 | 26.53 1.77 0.00 | 38.35 1.93 -10.58 | 30.23 2.04 0.00 | 32.97 2.33 0.00 | 31.20 2.30 0.00 | 40.35 3.01 0.00 | 44.49 3.45 0.00 | 42.87 3.11 0.00 | 42.76 3.05 0.00 | 44.95 3.08 0.00 | 39.43 2.63 0.00 | 42.54 2.74 -0.25 | 32.22 2.12 -0.66 | 27.70 1.92 0.00 | 28.38 1.80 0.00 |
| PJM_GEN_KEystone 24065 | 17.59 0.27 5.14 | 17.24 0.20 2.91 | 19.58 0.25 0.00 | 18.62 0.23 0.00 | 17.81 0.20 0.11 | 24.31 0.33 0.00 | 23.94 0.46 0.00 | 25.64 0.65 -0.02 | 29.97 0.76 -0.27 | 25.44 0.66 -0.01 | 10.56 0.73 15.99 | 28.94 0.77 0.01 | 31.47 0.83 0.00 | 29.67 0.77 0.00 | 38.23 0.89 0.00 | 42.12 0.99 -0.10 | 40.46 0.70 -0.01 | 40.49 0.78 0.00 | 42.64 0.68 -0.08 | 37.26 0.45 0.00 | 40.22 0.53 -0.15 | 30.26 0.42 -0.40 | 26.35 0.57 0.00 | 27.26 0.68 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 24.02 1.56 0.00 | 21.24 1.30 0.00 | 20.48 1.15 0.00 | 19.50 1.11 0.00 | 18.78 1.06 0.00 | 25.24 1.25 0.00 | 25.14 1.66 0.00 | 26.85 1.88 0.00 | 31.15 2.21 0.00 | 26.72 1.94 0.00 | 38.47 2.14 -10.50 | 30.46 2.28 0.00 | 34.92 2.59 -1.69 | 59.41 2.54 -27.97 | 51.73 3.35 -11.04 | 56.67 3.72 -11.90 | 51.82 3.41 -8.66 | 43.04 3.23 -0.10 | 45.24 3.36 0.00 | 39.67 2.87 0.00 | 42.73 2.94 -0.25 | 38.02 2.46 -6.13 | 28.74 2.29 -0.67 | 29.20 2.23 -0.38 |
| PJM_GEN_VFT_PROXY 323633 | 23.58 1.12 0.00 | 20.82 0.88 0.00 | 20.13 0.80 0.00 | 19.22 0.83 0.00 | 18.49 0.77 0.00 | 24.86 0.87 0.00 | 24.72 1.24 0.00 | 26.50 1.53 0.00 | 29.78 1.75 0.92 | 26.36 1.60 0.01 | 27.40 1.76 0.19 | 29.96 1.88 0.10 | 32.80 2.16 0.00 | 31.04 2.14 0.00 | 40.13 2.79 0.00 | 44.26 3.22 0.00 | 42.62 2.87 0.00 | 42.53 2.81 0.00 | 44.71 2.83 0.00 | 39.20 2.39 0.00 | 42.28 2.49 -0.25 | 32.04 1.94 -0.66 | 27.57 1.78 0.00 | 28.23 1.65 0.00 |
| PLATSBRG_115KV_PMLD1 355749 | 22.77 0.31 0.00 | 20.18 0.24 0.00 | 19.53 0.20 0.00 | 18.57 0.18 0.00 | 17.91 0.19 0.00 | 24.36 0.38 0.00 | 23.90 0.42 0.00 | 25.47 0.50 0.00 | 29.46 0.52 0.00 | 25.26 0.49 0.00 | 26.23 0.40 0.00 | 28.55 0.37 0.00 | 30.98 0.34 0.00 | 29.26 0.36 0.00 | 37.87 0.54 0.00 | 41.87 0.83 0.00 | 40.62 0.86 0.00 | 39.98 0.27 0.00 | 42.21 0.34 0.00 | 37.02 0.22 0.00 | 39.85 0.30 0.00 | 29.64 0.21 0.00 | 25.86 0.07 0.00 | 26.58 0.00 0.00 |
| PLEASANTVLY__LBMP 24000 | 23.49 1.03 0.00 | 20.77 0.82 0.00 | 20.11 0.78 0.00 | 19.17 0.78 0.00 | 18.45 0.73 0.00 | 24.84 0.85 0.00 | 24.62 1.14 0.00 | 26.31 1.34 0.00 | 30.47 1.53 0.00 | 26.13 1.36 0.00 | 32.17 1.44 -4.90 | 29.74 1.56 0.00 | 32.44 1.80 0.00 | 30.68 1.78 0.00 | 39.69 2.35 0.00 | 43.75 2.71 0.00 | 42.24 2.49 0.00 | 42.20 2.49 0.00 | 44.44 2.57 0.00 | 39.04 2.23 0.00 | 42.13 2.32 -0.26 | 31.89 1.75 -0.70 | 27.33 1.55 0.00 | 28.02 1.43 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 23.66 1.20 0.00 | 20.89 0.95 0.00 | 20.22 0.89 0.00 | 19.28 0.89 0.00 | 18.55 0.83 0.00 | 25.00 1.02 0.00 | 24.82 1.34 0.00 | 26.56 1.59 0.00 | 30.77 1.83 0.00 | 26.43 1.66 0.00 | 35.89 1.77 -8.29 | 30.09 1.91 0.00 | 32.81 2.17 0.00 | 31.05 2.15 0.00 | 40.18 2.84 0.00 | 44.31 3.27 0.00 | 42.73 2.98 0.00 | 42.68 2.97 0.00 | 44.90 3.02 0.00 | 39.40 2.60 0.00 | 42.51 2.71 -0.25 | 32.16 2.05 -0.67 | 27.62 1.83 0.00 | 28.29 1.70 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 23.66 1.20 0.00 | 20.89 0.95 0.00 | 20.22 0.89 0.00 | 19.28 0.89 0.00 | 18.55 0.83 0.00 | 25.00 1.02 0.00 | 24.82 1.34 0.00 | 26.56 1.59 0.00 | 30.77 1.83 0.00 | 26.43 1.66 0.00 | 35.89 1.77 -8.29 | 30.09 1.91 0.00 | 32.81 2.17 0.00 | 31.05 2.15 0.00 | 40.18 2.84 0.00 | 44.31 3.27 0.00 | 42.73 2.98 0.00 | 42.68 2.97 0.00 | 44.90 3.02 0.00 | 39.40 2.60 0.00 | 42.51 2.71 -0.25 | 32.16 2.05 -0.67 | 27.62 1.83 0.00 | 28.29 1.70 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 23.67 1.21 0.00 | 20.92 0.98 0.00 | 20.26 0.93 0.00 | 19.30 0.91 0.00 | 18.57 0.85 0.00 | 25.01 1.03 0.00 | 24.80 1.32 0.00 | 26.52 1.55 0.00 | 30.73 1.78 0.00 | 26.35 1.58 0.00 | 29.79 1.66 -2.30 | 29.98 1.80 0.00 | 32.73 2.08 0.00 | 30.98 2.08 0.00 | 40.11 2.77 0.00 | 44.23 3.19 0.00 | 42.78 3.03 0.00 | 42.78 3.06 0.00 | 45.04 3.16 0.00 | 39.54 2.73 0.00 | 42.64 2.84 -0.26 | 32.24 2.12 -0.68 | 27.61 1.82 0.00 | 28.28 1.69 0.00 |
| POLETTI____ 23519 | 23.68 1.22 0.00 | 20.89 0.95 0.00 | 20.22 0.89 0.00 | 19.29 0.90 0.00 | 18.56 0.84 0.00 | 24.96 0.98 0.00 | 24.83 1.35 0.00 | 26.63 1.66 0.00 | 30.87 1.92 0.00 | 26.51 1.74 0.00 | 38.30 1.89 -10.58 | 30.19 2.01 0.00 | 32.94 2.30 0.00 | 31.18 2.28 0.00 | 40.32 2.98 0.00 | 44.46 3.42 0.00 | 42.83 3.07 0.00 | 42.74 3.03 0.00 | 44.93 3.05 0.00 | 39.42 2.61 0.00 | 42.52 2.72 -0.25 | 32.21 2.11 -0.66 | 27.71 1.92 0.00 | 28.37 1.79 0.00 |
| POMONA____ESR 323819 | 23.53 1.07 0.00 | 20.78 0.84 0.00 | 20.10 0.77 0.00 | 19.18 0.78 0.00 | 18.44 0.72 0.00 | 24.85 0.87 0.00 | 24.68 1.20 0.00 | 26.44 1.47 0.00 | 30.66 1.71 0.00 | 26.29 1.52 0.00 | 13.27 1.62 14.19 | 29.94 1.76 0.00 | 32.68 2.04 0.00 | 30.94 2.04 0.00 | 40.01 2.67 0.00 | 44.13 3.09 0.00 | 42.60 2.84 0.00 | 42.53 2.82 0.00 | 44.72 2.85 0.00 | 39.23 2.43 0.00 | 42.33 2.55 -0.24 | 31.99 1.92 -0.63 | 27.50 1.72 0.00 | 28.17 1.58 0.00 |
| PORT_JEFF_3 23555 | 24.62 2.16 0.00 | 21.74 1.79 0.00 | 20.89 1.56 0.00 | 19.87 1.48 0.00 | 19.15 1.43 0.00 | 25.77 1.78 0.00 | 25.70 2.22 0.00 | 27.42 2.46 0.00 | 31.83 2.88 0.00 | 27.38 2.61 0.00 | 39.15 2.82 -10.50 | 31.21 3.03 0.00 | 35.73 3.40 -1.69 | 60.17 3.29 -27.97 | 52.65 4.27 -11.04 | 57.44 4.49 -11.91 | 52.44 4.02 -8.66 | 43.63 3.82 -0.10 | 45.90 4.02 0.00 | 40.25 3.45 0.00 | 43.29 3.50 -0.25 | 38.71 3.15 -6.13 | 29.47 3.01 -0.67 | 30.02 3.06 -0.38 |
| PORT_JEFF_4 23616 | 24.62 2.16 0.00 | 21.74 1.79 0.00 | 20.89 1.56 0.00 | 19.87 1.48 0.00 | 19.15 1.43 0.00 | 25.77 1.78 0.00 | 25.70 2.22 0.00 | 27.42 2.46 0.00 | 31.83 2.88 0.00 | 27.38 2.61 0.00 | 39.15 2.82 -10.50 | 31.21 3.03 0.00 | 35.73 3.40 -1.69 | 60.17 3.29 -27.97 | 52.65 4.27 -11.04 | 57.44 4.49 -11.91 | 52.44 4.02 -8.66 | 43.63 3.82 -0.10 | 45.90 4.02 0.00 | 40.25 3.45 0.00 | 43.29 3.50 -0.25 | 38.71 3.15 -6.13 | 29.47 3.01 -0.67 | 30.02 3.06 -0.38 |
| PORT_JEFF_IC 23713 | 24.68 2.22 0.00 | 21.78 1.84 0.00 | 20.93 1.60 0.00 | 19.91 1.52 0.00 | 19.18 1.47 0.00 | 25.83 1.84 0.00 | 25.77 2.28 0.00 | 27.50 2.53 0.00 | 31.92 2.98 0.00 | 27.46 2.69 0.00 | 39.22 2.89 -10.50 | 31.30 3.11 0.00 | 35.83 3.49 -1.69 | 60.29 3.41 -27.98 | 52.82 4.44 -11.04 | 57.60 4.65 -11.91 | 52.49 4.08 -8.66 | 43.68 3.87 -0.10 | 45.94 4.07 0.00 | 40.29 3.49 0.00 | 43.32 3.52 -0.25 | 38.81 3.24 -6.13 | 29.55 3.10 -0.67 | 30.10 3.13 -0.38 |
| PPL PILGRIM_ST_GT1 24216 | 24.67 2.21 0.00 | 21.80 1.85 0.00 | 20.98 1.65 0.00 | 19.96 1.57 0.00 | 19.23 1.51 0.00 | 25.87 1.88 0.00 | 25.79 2.31 0.00 | 27.55 2.58 0.00 | 31.98 3.03 0.00 | 27.46 2.69 0.00 | 39.23 2.90 -10.50 | 31.28 3.10 0.00 | 35.82 3.49 -1.69 | 60.30 3.43 -27.97 | 52.81 4.43 -11.04 | 57.54 4.59 -11.91 | 52.54 4.13 -8.66 | 43.68 3.87 -0.10 | 45.96 4.09 0.00 | 40.29 3.49 0.00 | 43.35 3.56 -0.25 | 38.75 3.18 -6.13 | 29.52 3.06 -0.67 | 30.05 3.09 -0.38 |
| PPL PILGRIM_ST_GT2 24217 | 24.67 2.21 0.00 | 21.80 1.85 0.00 | 20.98 1.65 0.00 | 19.96 1.57 0.00 | 19.23 1.51 0.00 | 25.87 1.88 0.00 | 25.79 2.31 0.00 | 27.55 2.58 0.00 | 31.98 3.03 0.00 | 27.46 2.69 0.00 | 39.23 2.90 -10.50 | 31.28 3.10 0.00 | 35.82 3.49 -1.69 | 60.30 3.43 -27.97 | 52.81 4.43 -11.04 | 57.54 4.59 -11.91 | 52.54 4.13 -8.66 | 43.68 3.87 -0.10 | 45.96 4.09 0.00 | 40.29 3.49 0.00 | 43.35 3.56 -0.25 | 38.75 3.18 -6.13 | 29.52 3.06 -0.67 | 30.05 3.09 -0.38 |
| PPL_SHRM_GT3 24213 | 24.91 2.45 0.00 | 21.99 2.05 0.00 | 21.09 1.76 0.00 | 20.05 1.65 0.00 | 19.33 1.61 0.00 | 26.05 2.06 0.00 | 26.01 2.52 0.00 | 27.78 2.81 0.00 | 32.30 3.35 0.00 | 27.81 3.04 0.00 | 39.46 3.13 -10.50 | 31.54 3.36 0.00 | 36.01 3.67 -1.69 | 60.62 3.74 -27.98 | 53.28 4.89 -11.04 | 58.26 5.31 -11.91 | 53.30 4.88 -8.66 | 44.48 4.67 -0.10 | 46.80 4.93 0.00 | 41.06 4.25 0.00 | 44.16 4.37 -0.25 | 39.25 3.68 -6.13 | 29.87 3.41 -0.67 | 30.43 3.46 -0.38 |
| PPL_SHRM_GT4 24214 | 24.91 2.45 0.00 | 21.99 2.05 0.00 | 21.09 1.76 0.00 | 20.05 1.65 0.00 | 19.33 1.61 0.00 | 26.05 2.06 0.00 | 26.01 2.52 0.00 | 27.78 2.81 0.00 | 32.30 3.35 0.00 | 27.81 3.04 0.00 | 39.46 3.13 -10.50 | 31.54 3.36 0.00 | 36.01 3.67 -1.69 | 60.62 3.74 -27.98 | 53.28 4.89 -11.04 | 58.26 5.31 -11.91 | 53.30 4.88 -8.66 | 44.48 4.67 -0.10 | 46.80 4.93 0.00 | 41.06 4.25 0.00 | 44.16 4.37 -0.25 | 39.25 3.68 -6.13 | 29.87 3.41 -0.67 | 30.43 3.46 -0.38 |
| PROJECT____ORANGE 1 24174 | 22.34 -0.12 0.00 | 19.85 -0.09 0.00 | 19.26 -0.07 0.00 | 18.31 -0.08 0.00 | 17.65 -0.07 0.00 | 23.92 -0.07 0.00 | 23.38 -0.10 0.00 | 24.96 -0.09 -0.08 | 30.06 -0.09 -1.21 | 24.75 -0.07 -0.05 | 25.81 -0.02 0.00 | 28.16 -0.03 0.00 | 30.53 -0.11 0.00 | 28.76 -0.13 0.00 | 37.11 -0.22 0.00 | 41.12 -0.27 -0.35 | 39.85 -0.33 -0.42 | 40.52 -0.31 -1.12 | 43.45 -0.32 -1.89 | 37.51 -0.32 -1.03 | 39.63 -0.35 -0.43 | 29.19 -0.31 -0.06 | 25.58 -0.20 0.00 | 26.49 -0.09 0.00 |
| PROJECT____ORANGE 2 24166 | 22.34 -0.12 0.00 | 19.85 -0.09 0.00 | 19.26 -0.07 0.00 | 18.31 -0.08 0.00 | 17.65 -0.07 0.00 | 23.92 -0.07 0.00 | 23.38 -0.10 0.00 | 24.96 -0.09 -0.08 | 30.06 -0.09 -1.21 | 24.75 -0.07 -0.05 | 25.81 -0.02 0.00 | 28.16 -0.03 0.00 | 30.53 -0.11 0.00 | 28.76 -0.13 0.00 | 37.11 -0.22 0.00 | 41.12 -0.27 -0.35 | 39.85 -0.33 -0.42 | 40.52 -0.31 -1.12 | 43.45 -0.32 -1.89 | 37.51 -0.32 -1.03 | 39.63 -0.35 -0.43 | 29.19 -0.31 -0.06 | 25.58 -0.20 0.00 | 26.49 -0.09 0.00 |
| PUCKETT____SOLAR 323809 | 22.88 0.42 0.00 | 20.29 0.35 0.00 | 19.76 0.43 0.00 | 18.76 0.37 0.00 | 18.08 0.37 0.00 | 24.53 0.55 0.00 | 24.11 0.63 0.00 | 25.80 0.77 -0.06 | 30.65 0.88 -0.83 | 25.54 0.73 -0.04 | 26.62 0.79 0.00 | 29.03 0.85 0.00 | 31.57 0.93 0.00 | 29.74 0.84 0.00 | 38.34 1.00 0.00 | 42.40 1.12 0.00 | 41.11 1.06 0.00 | 41.59 1.11 -0.77 | 44.34 1.16 -1.31 | 38.52 1.01 -0.71 | 41.00 1.09 -0.37 | 30.40 0.75 -0.22 | 26.47 0.68 0.00 | 27.36 0.78 0.00 |

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| PYRITES___HYD 24023 | 22.18 -0.28 0.00 | 19.68 -0.27 0.00 | 19.06 -0.27 0.00 | 18.13 -0.26 0.00 | 17.50 -0.21 0.00 | 23.72 -0.27 0.00 | 23.16 -0.32 0.00 | 24.64 -0.33 0.00 | 28.58 -0.37 0.00 | 24.36 -0.41 0.00 | 25.53 -0.31 0.00 | 27.88 -0.30 0.00 | 30.28 -0.36 0.00 | 28.58 -0.32 0.00 | 37.02 -0.32 0.00 | 40.72 -0.32 0.00 | 39.66 -0.21 -0.12 | 39.42 -0.64 -0.34 | 41.89 -0.57 -0.57 | 36.69 -0.43 -0.31 | 39.30 -0.37 -0.13 | 29.18 -0.26 0.00 | 25.37 -0.41 0.00 | 26.05 -0.54 0.00 |
| QUAKERRD_115KV_BK1 80622 | 21.80 -0.66 0.00 | 19.46 -0.48 0.00 | 18.88 -0.45 0.00 | 17.92 -0.47 0.00 | 17.26 -0.46 0.00 | 23.52 -0.47 0.00 | 22.91 -0.57 0.00 | 24.42 -0.55 0.00 | 28.35 -0.59 0.00 | 24.25 -0.52 0.00 | 25.37 -0.46 0.00 | 27.68 -0.50 0.00 | 30.03 -0.61 0.00 | 28.24 -0.66 0.00 | 36.29 -1.05 0.00 | 39.79 -1.25 0.00 | 38.34 -1.42 0.00 | 38.49 -1.22 0.00 | 40.56 -1.31 0.00 | 35.48 -1.32 0.00 | 38.21 -1.36 -0.03 | 28.40 -1.11 -0.08 | 25.09 -0.69 0.00 | 26.07 -0.51 0.00 |
| QUENSBRY_115KV_TB8 356137 | 23.64 1.17 0.00 | 20.89 0.95 0.00 | 20.18 0.85 0.00 | 19.20 0.80 0.00 | 18.48 0.76 0.00 | 24.99 1.01 0.00 | 24.72 1.24 0.00 | 26.29 1.32 0.00 | 30.31 1.37 0.00 | 25.86 1.08 0.00 | 29.25 0.99 -2.43 | 29.26 1.08 0.00 | 31.87 1.23 0.00 | 30.19 1.29 0.00 | 39.20 1.87 0.00 | 43.54 2.50 0.00 | 42.54 2.78 0.00 | 42.44 2.73 0.00 | 45.00 3.13 0.00 | 39.56 2.76 0.00 | 42.65 2.78 -0.33 | 32.29 1.99 -0.86 | 27.36 1.58 0.00 | 28.22 1.63 0.00 |
| RAMAPO___LBMP 323565 | 23.44 0.98 0.00 | 20.69 0.74 0.00 | 20.02 0.69 0.00 | 19.10 0.70 0.00 | 18.37 0.65 0.00 | 24.77 0.78 0.00 | 24.59 1.11 0.00 | 26.33 1.36 0.00 | 30.53 1.58 0.00 | 26.17 1.40 0.00 | 13.71 1.49 13.61 | 29.79 1.60 0.00 | 32.51 1.87 0.00 | 30.76 1.86 0.00 | 39.76 2.43 0.00 | 43.85 2.81 0.00 | 42.32 2.57 0.00 | 42.26 2.55 0.00 | 44.47 2.60 0.00 | 39.03 2.22 0.00 | 42.10 2.32 -0.24 | 31.84 1.77 -0.63 | 27.37 1.58 0.00 | 28.04 1.45 0.00 |
| RANKINE____ 23646 | 22.28 -0.18 0.00 | 19.97 0.03 0.00 | 19.43 0.10 0.00 | 18.39 0.00 0.00 | 17.69 -0.03 0.00 | 24.29 0.31 0.00 | 23.54 0.05 0.00 | 25.14 0.17 0.00 | 29.17 0.23 0.00 | 24.94 0.18 0.00 | 26.17 0.34 0.00 | 28.60 0.41 0.00 | 30.93 0.28 0.00 | 29.00 0.10 0.00 | 37.06 -0.28 0.00 | 40.45 -0.60 0.00 | 38.71 -1.05 0.00 | 38.97 -0.74 0.00 | 40.88 -0.99 0.00 | 35.64 -1.16 0.00 | 38.49 -1.09 -0.04 | 28.67 -0.88 -0.11 | 25.60 -0.18 0.00 | 26.86 0.28 0.00 |
| RAVENSWOOD_GT2_1 24244 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.03 0.00 | 24.88 1.40 0.00 | 26.67 1.70 0.00 | 30.92 1.97 0.00 | 26.55 1.78 0.00 | 38.34 1.93 -10.58 | 30.24 2.05 0.00 | 32.99 2.34 0.00 | 31.23 2.33 0.00 | 40.37 3.03 0.00 | 44.51 3.47 0.00 | 42.89 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.74 1.96 0.00 | 28.42 1.83 0.00 |
| RAVENSWOOD_GT2_2 24245 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.03 0.00 | 24.88 1.40 0.00 | 26.67 1.70 0.00 | 30.92 1.97 0.00 | 26.55 1.78 0.00 | 38.34 1.93 -10.58 | 30.24 2.05 0.00 | 32.99 2.34 0.00 | 31.23 2.33 0.00 | 40.37 3.03 0.00 | 44.51 3.47 0.00 | 42.89 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.74 1.96 0.00 | 28.42 1.83 0.00 |
| RAVENSWOOD_GT2_3 24246 | 23.74 1.28 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.93 0.00 | 18.60 0.88 0.00 | 25.04 1.05 0.00 | 24.90 1.41 0.00 | 26.68 1.72 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.35 1.94 -10.58 | 30.25 2.07 0.00 | 33.01 2.36 0.00 | 31.24 2.34 0.00 | 40.40 3.06 0.00 | 44.54 3.50 0.00 | 42.92 3.16 0.00 | 42.83 3.12 0.00 | 45.02 3.15 0.00 | 39.50 2.70 0.00 | 42.61 2.81 -0.25 | 32.27 2.17 -0.66 | 27.76 1.97 0.00 | 28.43 1.84 0.00 |
| RAVENSWOOD_GT2_4 24247 | 23.74 1.28 0.00 | 20.94 1.00 0.00 | 20.26 0.93 0.00 | 19.33 0.93 0.00 | 18.60 0.88 0.00 | 25.04 1.05 0.00 | 24.90 1.41 0.00 | 26.68 1.72 0.00 | 30.93 1.99 0.00 | 26.56 1.79 0.00 | 38.35 1.94 -10.58 | 30.25 2.07 0.00 | 33.01 2.36 0.00 | 31.24 2.34 0.00 | 40.40 3.06 0.00 | 44.54 3.50 0.00 | 42.92 3.16 0.00 | 42.83 3.12 0.00 | 45.02 3.15 0.00 | 39.50 2.70 0.00 | 42.61 2.81 -0.25 | 32.27 2.17 -0.66 | 27.76 1.97 0.00 | 28.43 1.84 0.00 |
| RAVENSWOOD_GT3_1 24248 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.03 0.00 | 24.88 1.40 0.00 | 26.67 1.70 0.00 | 30.92 1.97 0.00 | 26.55 1.78 0.00 | 38.34 1.93 -10.58 | 30.24 2.06 0.00 | 32.99 2.35 0.00 | 31.23 2.33 0.00 | 40.38 3.04 0.00 | 44.51 3.47 0.00 | 42.90 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.42 1.83 0.00 |
| RAVENSWOOD_GT3_2 24249 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.03 0.00 | 24.88 1.40 0.00 | 26.67 1.70 0.00 | 30.92 1.97 0.00 | 26.55 1.78 0.00 | 38.34 1.93 -10.58 | 30.24 2.06 0.00 | 32.99 2.35 0.00 | 31.23 2.33 0.00 | 40.38 3.04 0.00 | 44.51 3.47 0.00 | 42.90 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.42 1.83 0.00 |
| RAVENSWOOD_GT3_3 24250 | 23.77 1.31 0.00 | 20.96 1.02 0.00 | 20.28 0.95 0.00 | 19.35 0.96 0.00 | 18.61 0.90 0.00 | 25.07 1.08 0.00 | 24.92 1.44 0.00 | 26.72 1.75 0.00 | 30.97 2.03 0.00 | 26.60 1.84 0.00 | 38.39 1.98 -10.58 | 30.31 2.13 0.00 | 33.06 2.42 0.00 | 31.29 2.39 0.00 | 40.46 3.12 0.00 | 44.60 3.56 0.00 | 42.98 3.22 0.00 | 42.89 3.18 0.00 | 45.10 3.22 0.00 | 39.55 2.75 0.00 | 42.67 2.88 -0.25 | 32.32 2.22 -0.66 | 27.80 2.01 0.00 | 28.47 1.88 0.00 |
| RAVENSWOOD_GT3_4 24251 | 23.77 1.31 0.00 | 20.96 1.02 0.00 | 20.28 0.95 0.00 | 19.35 0.96 0.00 | 18.61 0.90 0.00 | 25.07 1.08 0.00 | 24.92 1.44 0.00 | 26.72 1.75 0.00 | 30.97 2.03 0.00 | 26.60 1.84 0.00 | 38.39 1.98 -10.58 | 30.31 2.13 0.00 | 33.06 2.42 0.00 | 31.29 2.39 0.00 | 40.46 3.12 0.00 | 44.60 3.56 0.00 | 42.98 3.22 0.00 | 42.89 3.18 0.00 | 45.10 3.22 0.00 | 39.55 2.75 0.00 | 42.67 2.88 -0.25 | 32.32 2.22 -0.66 | 27.80 2.01 0.00 | 28.47 1.88 0.00 |
| RAVENSWOOD_GT_1 23729 | 23.80 1.34 0.00 | 21.00 1.06 0.00 | 20.30 0.97 0.00 | 19.36 0.97 0.00 | 18.63 0.91 0.00 | 25.10 1.11 0.00 | 24.97 1.49 0.00 | 26.78 1.81 0.00 | 31.02 2.07 0.00 | 26.66 1.89 0.00 | 38.45 2.03 -10.58 | 30.35 2.16 0.00 | 33.10 2.46 0.00 | 31.34 2.44 0.00 | 40.51 3.17 0.00 | 44.66 3.62 0.00 | 42.98 3.23 0.00 | 42.90 3.19 0.00 | 45.08 3.21 0.00 | 39.55 2.75 0.00 | 42.66 2.87 -0.25 | 32.34 2.24 -0.66 | 27.81 2.03 0.00 | 28.49 1.91 0.00 |
| RAVENSWOOD_GT_10 24258 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.03 0.00 | 24.88 1.40 0.00 | 26.67 1.70 0.00 | 30.92 1.97 0.00 | 26.55 1.78 0.00 | 38.34 1.93 -10.58 | 30.23 2.05 0.00 | 32.99 2.34 0.00 | 31.22 2.32 0.00 | 40.37 3.03 0.00 | 44.51 3.47 0.00 | 42.89 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.41 1.83 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|-------------------------|-------------------------|-----------------------|-----------------------|
| RAVENSWOOD_GT_11 24259 | 23.73 1.27 0.00 | 20.95 1.01 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.04 0.00 | 24.88 1.40 0.00 | 26.67 1.70 0.00 | 30.91 1.97 0.00 | 26.55 1.78 0.00 | 38.34 1.93 -10.58 | 30.23 2.05 0.00 | 32.99 2.34 0.00 | 31.22 2.33 0.00 | 40.37 3.03 0.00 | 44.51 3.47 0.00 | 42.89 3.14 0.00 | 42.81 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.26 2.16 -0.66 | 27.73 1.95 0.00 | 28.41 1.83 0.00 |
| RAVENSWOOD_GT_4 24252 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.86 0.00 | 25.02 1.03 0.00 | 24.87 1.39 0.00 | 26.66 1.70 0.00 | 30.92 1.97 0.00 | 26.54 1.77 0.00 | 38.33 1.92 -10.58 | 30.22 2.04 0.00 | 32.98 2.34 0.00 | 31.21 2.31 0.00 | 40.36 3.02 0.00 | 44.50 3.46 0.00 | 42.89 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.41 1.83 0.00 |
| RAVENSWOOD_GT_5 24254 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.86 0.00 | 25.02 1.03 0.00 | 24.87 1.39 0.00 | 26.66 1.70 0.00 | 30.92 1.97 0.00 | 26.54 1.77 0.00 | 38.33 1.92 -10.58 | 30.22 2.04 0.00 | 32.98 2.34 0.00 | 31.21 2.31 0.00 | 40.36 3.02 0.00 | 44.50 3.46 0.00 | 42.89 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.41 1.83 0.00 |
| RAVENSWOOD_GT_6 24253 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.86 0.00 | 25.02 1.03 0.00 | 24.87 1.39 0.00 | 26.66 1.70 0.00 | 30.92 1.97 0.00 | 26.54 1.77 0.00 | 38.33 1.92 -10.58 | 30.22 2.04 0.00 | 32.98 2.34 0.00 | 31.21 2.31 0.00 | 40.36 3.02 0.00 | 44.50 3.46 0.00 | 42.89 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.41 1.83 0.00 |
| RAVENSWOOD_GT_7 24255 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.86 0.00 | 25.02 1.03 0.00 | 24.87 1.39 0.00 | 26.66 1.70 0.00 | 30.92 1.97 0.00 | 26.54 1.77 0.00 | 38.33 1.92 -10.58 | 30.22 2.04 0.00 | 32.98 2.34 0.00 | 31.21 2.31 0.00 | 40.36 3.02 0.00 | 44.50 3.46 0.00 | 42.89 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.41 1.83 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.03 0.00 | 24.88 1.40 0.00 | 26.67 1.70 0.00 | 30.92 1.97 0.00 | 26.55 1.78 0.00 | 38.34 1.93 -10.58 | 30.23 2.05 0.00 | 32.99 2.34 0.00 | 31.22 2.32 0.00 | 40.37 3.03 0.00 | 44.51 3.47 0.00 | 42.89 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.41 1.83 0.00 |
| RAVENSWOOD_GT_9 24257 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.03 0.00 | 24.88 1.40 0.00 | 26.67 1.70 0.00 | 30.92 1.97 0.00 | 26.55 1.78 0.00 | 38.34 1.93 -10.58 | 30.23 2.05 0.00 | 32.99 2.34 0.00 | 31.22 2.32 0.00 | 40.37 3.03 0.00 | 44.51 3.47 0.00 | 42.89 3.14 0.00 | 42.80 3.09 0.00 | 45.00 3.12 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.25 2.15 -0.66 | 27.73 1.95 0.00 | 28.41 1.83 0.00 |
| RAVENSWOOD___1 23533 | 23.76 1.30 0.00 | 20.97 1.03 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.06 1.07 0.00 | 24.93 1.44 0.00 | 26.72 1.75 0.00 | 30.96 2.01 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.05 2.41 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.60 3.56 0.00 | 42.92 3.17 0.00 | 42.84 3.13 0.00 | 45.03 3.16 0.00 | 39.50 2.70 0.00 | 42.62 2.82 -0.25 | 32.30 2.20 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| RAVENSWOOD___2 23534 | 23.76 1.30 0.00 | 20.97 1.03 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.06 1.07 0.00 | 24.93 1.44 0.00 | 26.72 1.75 0.00 | 30.96 2.01 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.05 2.41 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.60 3.56 0.00 | 42.92 3.17 0.00 | 42.84 3.13 0.00 | 45.03 3.16 0.00 | 39.50 2.70 0.00 | 42.62 2.82 -0.25 | 32.30 2.20 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| RAVENSWOOD___3 23535 | 23.73 1.27 0.00 | 20.95 1.01 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.03 1.04 0.00 | 24.88 1.40 0.00 | 26.67 1.70 0.00 | 30.92 1.97 0.00 | 26.55 1.78 0.00 | 38.34 1.93 -10.58 | 30.24 2.06 0.00 | 32.99 2.35 0.00 | 31.23 2.33 0.00 | 40.38 3.04 0.00 | 44.51 3.47 0.00 | 42.90 3.14 0.00 | 42.81 3.09 0.00 | 45.01 3.13 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.26 2.16 -0.66 | 27.74 1.95 0.00 | 28.41 1.83 0.00 |
| RAVENSWOOD___4 23820 | 23.76 1.30 0.00 | 20.97 1.03 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.88 0.00 | 25.06 1.07 0.00 | 24.93 1.44 0.00 | 26.72 1.75 0.00 | 30.96 2.01 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.29 2.11 0.00 | 33.05 2.41 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.60 3.56 0.00 | 42.92 3.17 0.00 | 42.84 3.13 0.00 | 45.03 3.16 0.00 | 39.50 2.70 0.00 | 42.62 2.82 -0.25 | 32.30 2.20 -0.66 | 27.76 1.98 0.00 | 28.44 1.85 0.00 |
| RCPI_TRUST___DRP 24196 | 23.73 1.27 0.00 | 20.93 0.98 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.59 0.87 0.00 | 25.02 1.04 0.00 | 24.89 1.41 0.00 | 26.69 1.72 0.00 | 30.94 2.00 0.00 | 26.58 1.81 0.00 | 38.39 1.98 -10.58 | 30.28 2.10 0.00 | 33.03 2.39 0.00 | 31.26 2.36 0.00 | 40.43 3.08 0.00 | 44.56 3.52 0.00 | 42.94 3.19 0.00 | 42.83 3.12 0.00 | 45.02 3.15 0.00 | 39.48 2.68 0.00 | 42.59 2.80 -0.25 | 32.27 2.17 -0.66 | 27.75 1.96 0.00 | 28.42 1.83 0.00 |
| RED___ROCHESTER 323720 | 22.49 0.03 0.00 | 20.05 0.11 0.00 | 19.47 0.14 0.00 | 18.47 0.07 0.00 | 17.77 0.06 0.00 | 24.31 0.32 0.00 | 23.65 0.16 0.00 | 25.22 0.25 0.00 | 29.29 0.35 0.00 | 25.06 0.29 0.00 | 26.21 0.38 0.00 | 28.59 0.41 0.00 | 30.99 0.35 0.00 | 29.15 0.25 0.00 | 37.44 0.10 0.00 | 41.05 0.02 0.00 | 39.53 -0.23 0.00 | 39.78 0.07 0.00 | 41.89 0.02 0.00 | 36.63 -0.18 0.00 | 39.48 -0.09 -0.03 | 29.32 -0.20 -0.08 | 25.98 0.19 0.00 | 27.02 0.43 0.00 |
| REGAN___SOLAR 323812 | 24.55 2.09 0.00 | 21.74 1.80 0.00 | 21.22 1.89 0.00 | 20.18 1.79 0.00 | 19.45 1.73 0.00 | 26.16 2.17 0.00 | 25.75 2.27 0.00 | 27.44 2.47 0.00 | 31.55 2.61 0.00 | 26.64 1.87 0.00 | 30.67 2.47 -2.36 | 30.34 2.15 0.00 | 32.11 1.46 0.00 | 30.91 2.01 0.00 | 40.90 3.56 0.00 | 44.30 3.26 0.00 | 44.45 4.69 0.00 | 43.24 3.53 0.00 | 46.28 4.40 0.00 | 40.66 3.85 0.00 | 43.96 4.09 -0.33 | 33.20 2.89 -0.87 | 28.26 2.48 0.00 | 29.12 2.54 0.00 |
| RENSSELAER___COGEN 23796 | 22.91 0.45 0.00 | 20.40 0.46 0.00 | 19.77 0.44 0.00 | 18.83 0.44 0.00 | 18.13 0.41 0.00 | 24.39 0.41 0.00 | 24.07 0.59 0.00 | 25.57 0.60 0.00 | 29.55 0.61 0.00 | 25.31 0.54 0.00 | 28.83 0.51 -2.49 | 28.75 0.57 0.00 | 31.31 0.67 0.00 | 29.60 0.71 0.00 | 38.30 0.96 0.00 | 42.16 1.11 0.00 | 40.86 1.11 0.00 | 40.88 1.17 0.00 | 43.17 1.30 0.00 | 38.05 1.24 0.00 | 41.12 1.26 -0.32 | 31.18 0.90 -0.84 | 26.53 0.74 0.00 | 27.23 0.64 0.00 |

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| REPUBLIC_115KV_BARTNBRK 55605 | 24.54 2.08 0.00 | 21.61 1.67 0.00 | 21.00 1.67 0.00 | 20.00 1.61 0.00 | 19.26 1.54 0.00 | 25.92 1.94 0.00 | 25.77 2.28 0.00 | 27.26 2.29 0.00 | 31.31 2.37 0.00 | 26.79 2.02 0.00 | 30.40 2.13 -2.43 | 30.60 2.42 0.00 | 33.28 2.64 0.00 | 31.55 2.65 0.00 | 41.15 3.81 0.00 | 46.17 5.13 0.00 | 45.33 5.58 0.00 | 44.75 5.04 0.00 | 47.58 5.70 0.00 | 41.78 4.97 0.00 | 44.78 4.91 -0.33 | 33.73 3.43 -0.86 | 28.50 2.71 0.00 | 29.61 3.03 0.00 |
| REVERE_CPPR_DRP 24186 | 23.01 0.55 0.00 | 20.43 0.49 0.00 | 19.86 0.53 0.00 | 18.90 0.51 0.00 | 18.23 0.51 0.00 | 24.59 0.61 0.00 | 24.17 0.69 0.00 | 25.85 0.84 -0.04 | 30.61 1.05 -0.61 | 25.74 0.94 -0.03 | 26.96 1.13 0.00 | 29.50 1.32 0.00 | 32.12 1.47 0.00 | 30.14 1.24 0.00 | 38.80 1.46 0.00 | 42.78 1.56 -0.18 | 41.58 1.59 -0.23 | 41.82 1.49 -0.61 | 44.55 1.64 -1.04 | 38.90 1.53 -0.56 | 41.49 1.70 -0.24 | 30.59 1.12 -0.04 | 26.66 0.88 0.00 | 27.39 0.80 0.00 |
| REYNOLDS_115KV_TB3 80639 | 23.08 0.62 0.00 | 20.56 0.62 0.00 | 19.93 0.60 0.00 | 18.99 0.60 0.00 | 18.28 0.56 0.00 | 24.58 0.60 0.00 | 24.26 0.78 0.00 | 25.74 0.77 0.00 | 29.73 0.79 0.00 | 25.47 0.71 0.00 | 29.04 0.66 -2.55 | 28.92 0.73 0.00 | 31.49 0.84 0.00 | 29.77 0.87 0.00 | 38.51 1.17 0.00 | 42.36 1.33 0.00 | 41.09 1.33 0.00 | 41.10 1.39 0.00 | 43.42 1.55 0.00 | 38.27 1.47 0.00 | 41.36 1.50 -0.32 | 31.36 1.08 -0.84 | 26.70 0.91 0.00 | 27.40 0.82 0.00 |
| RIVERBAY____ 323610 | 23.74 1.28 0.00 | 21.01 1.07 0.00 | 20.38 1.05 0.00 | 19.45 1.06 0.00 | 18.71 0.99 0.00 | 25.11 1.12 0.00 | 24.96 1.48 0.00 | 26.72 1.75 0.00 | 30.92 1.98 0.00 | 26.53 1.76 0.00 | 38.31 1.90 -10.58 | 30.22 2.04 0.00 | 33.02 2.37 0.00 | 31.29 2.39 0.00 | 40.40 3.06 0.00 | 44.57 3.53 0.00 | 42.94 3.18 0.00 | 42.81 3.10 0.00 | 44.99 3.12 0.00 | 39.51 2.71 0.00 | 42.63 2.84 -0.25 | 32.32 2.22 -0.66 | 27.76 1.97 0.00 | 28.44 1.86 0.00 |
| RIVERSDE_115KV_TB3 55908 | 23.01 0.55 0.00 | 20.48 0.54 0.00 | 19.86 0.53 0.00 | 18.92 0.53 0.00 | 18.21 0.49 0.00 | 24.50 0.51 0.00 | 24.18 0.70 0.00 | 25.68 0.71 0.00 | 29.68 0.73 0.00 | 25.42 0.65 0.00 | 28.97 0.62 -2.52 | 28.87 0.69 0.00 | 31.45 0.81 0.00 | 29.74 0.84 0.00 | 38.48 1.14 0.00 | 42.34 1.30 0.00 | 41.06 1.30 0.00 | 41.06 1.35 0.00 | 43.37 1.49 0.00 | 38.22 1.41 0.00 | 41.30 1.44 -0.32 | 31.31 1.03 -0.84 | 26.64 0.86 0.00 | 27.34 0.75 0.00 |
| ROARING__BROOK_WT_PWR 323790 | 22.32 -0.14 0.00 | 19.77 -0.17 0.00 | 19.17 -0.16 0.00 | 18.25 -0.14 0.00 | 17.63 -0.09 0.00 | 23.72 -0.27 0.00 | 23.18 -0.30 0.00 | 24.76 -0.21 0.00 | 28.81 -0.14 0.00 | 24.67 -0.10 0.00 | 25.79 -0.04 0.00 | 28.20 0.01 0.00 | 30.65 0.00 0.00 | 28.75 -0.14 0.00 | 37.09 -0.25 0.00 | 40.78 -0.26 0.00 | 39.51 -0.24 0.00 | 39.49 -0.22 0.00 | 41.58 -0.30 0.00 | 36.42 -0.38 0.00 | 39.22 -0.32 0.00 | 29.12 -0.32 0.00 | 25.46 -0.33 0.00 | 26.08 -0.50 0.00 |
| ROCHESRG_115KV_T4 355643 | 22.24 -0.22 0.00 | 19.87 -0.07 0.00 | 19.28 -0.05 0.00 | 18.29 -0.10 0.00 | 17.61 -0.11 0.00 | 24.05 0.07 0.00 | 23.39 -0.09 0.00 | 24.93 -0.04 0.00 | 28.94 -0.01 0.00 | 24.75 -0.02 0.00 | 25.89 0.05 0.00 | 28.25 0.06 0.00 | 30.60 -0.05 0.00 | 28.76 -0.14 0.00 | 36.92 -0.42 0.00 | 40.45 -0.59 0.00 | 38.93 -0.83 0.00 | 39.15 -0.56 0.00 | 41.22 -0.66 0.00 | 36.04 -0.76 0.00 | 38.86 -0.72 -0.03 | 28.88 -0.63 -0.08 | 25.61 -0.18 0.00 | 26.67 0.08 0.00 |
| ROCHESTER_9_IC 23652 | 22.37 -0.08 0.00 | 19.99 0.05 0.00 | 19.39 0.06 0.00 | 18.39 0.00 0.00 | 17.70 -0.02 0.00 | 24.20 0.21 0.00 | 23.53 0.05 0.00 | 25.09 0.12 0.00 | 29.14 0.19 0.00 | 24.93 0.15 0.00 | 26.07 0.24 0.00 | 28.44 0.26 0.00 | 30.82 0.18 0.00 | 28.98 0.08 0.00 | 37.21 -0.13 0.00 | 40.78 -0.26 0.00 | 39.25 -0.50 0.00 | 39.49 -0.22 0.00 | 41.58 -0.29 0.00 | 36.36 -0.44 0.00 | 39.19 -0.38 -0.03 | 29.12 -0.40 -0.08 | 25.80 0.02 0.00 | 26.86 0.27 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 23.77 1.31 0.00 | 20.97 1.03 0.00 | 20.29 0.96 0.00 | 19.35 0.96 0.00 | 18.61 0.90 0.00 | 25.08 1.10 0.00 | 24.93 1.44 0.00 | 26.70 1.73 0.00 | 30.95 2.01 0.00 | 26.57 1.80 0.00 | 38.33 1.93 -10.57 | 30.26 2.07 0.00 | 33.02 2.38 0.00 | 31.24 2.34 0.00 | 40.42 3.08 0.00 | 44.56 3.52 0.00 | 42.98 3.23 0.00 | 42.90 3.19 0.00 | 45.11 3.23 0.00 | 39.59 2.78 0.00 | 42.70 2.91 -0.25 | 32.32 2.22 -0.66 | 27.78 1.99 0.00 | 28.45 1.87 0.00 |
| ROME____115KV_TB2 80656 | 23.01 0.55 0.00 | 20.43 0.49 0.00 | 19.86 0.53 0.00 | 18.90 0.51 0.00 | 18.23 0.51 0.00 | 24.59 0.61 0.00 | 24.17 0.69 0.00 | 25.85 0.84 -0.04 | 30.61 1.05 -0.61 | 25.74 0.94 -0.03 | 26.96 1.13 0.00 | 29.50 1.32 0.00 | 32.12 1.47 0.00 | 30.14 1.24 0.00 | 38.80 1.46 0.00 | 42.78 1.56 -0.18 | 41.58 1.59 -0.23 | 41.82 1.49 -0.61 | 44.55 1.64 -1.04 | 38.90 1.53 -0.56 | 41.49 1.70 -0.24 | 30.59 1.12 -0.04 | 26.66 0.88 0.00 | 27.39 0.80 0.00 |
| ROSETON__1 23587 | 23.45 0.99 0.00 | 20.75 0.81 0.00 | 20.07 0.74 0.00 | 19.14 0.75 0.00 | 18.41 0.70 0.00 | 24.81 0.83 0.00 | 24.59 1.10 0.00 | 26.28 1.31 0.00 | 30.45 1.51 0.00 | 26.11 1.34 0.00 | 27.25 1.42 0.00 | 29.72 1.53 0.00 | 32.41 1.77 0.00 | 30.66 1.76 0.00 | 39.65 2.31 0.00 | 43.71 2.67 0.00 | 42.20 2.44 0.00 | 42.16 2.45 0.00 | 44.39 2.52 0.00 | 38.98 2.18 0.00 | 42.06 2.26 -0.25 | 31.82 1.72 -0.66 | 27.30 1.52 0.00 | 28.00 1.41 0.00 |
| ROSETON__2 23588 | 23.45 0.99 0.00 | 20.75 0.81 0.00 | 20.07 0.74 0.00 | 19.14 0.75 0.00 | 18.41 0.70 0.00 | 24.81 0.83 0.00 | 24.59 1.10 0.00 | 26.28 1.31 0.00 | 30.45 1.51 0.00 | 26.11 1.34 0.00 | 27.25 1.42 0.00 | 29.72 1.53 0.00 | 32.41 1.77 0.00 | 30.66 1.76 0.00 | 39.65 2.31 0.00 | 43.71 2.67 0.00 | 42.20 2.44 0.00 | 42.16 2.45 0.00 | 44.39 2.52 0.00 | 38.98 2.18 0.00 | 42.06 2.26 -0.25 | 31.82 1.72 -0.66 | 27.30 1.52 0.00 | 28.00 1.41 0.00 |
| ROTTRDAM_115KV_TB3 80664 | 23.27 0.81 0.00 | 20.66 0.72 0.00 | 20.04 0.71 0.00 | 19.08 0.69 0.00 | 18.37 0.65 0.00 | 24.75 0.76 0.00 | 24.42 0.94 0.00 | 25.98 1.01 0.00 | 30.06 1.12 0.00 | 25.72 0.95 0.00 | 29.16 0.96 -2.36 | 29.22 1.04 0.00 | 31.80 1.16 0.00 | 30.06 1.16 0.00 | 38.88 1.54 0.00 | 42.84 1.80 0.00 | 41.56 1.81 0.00 | 41.54 1.82 0.00 | 43.85 1.97 0.00 | 38.58 1.78 0.00 | 41.73 1.86 -0.33 | 31.66 1.35 -0.87 | 26.93 1.15 0.00 | 27.67 1.09 0.00 |
| RUSSELL__1 23602 | 22.49 0.03 0.00 | 20.09 0.15 0.00 | 19.47 0.14 0.00 | 18.47 0.08 0.00 | 17.77 0.06 0.00 | 24.31 0.33 0.00 | 23.65 0.16 0.00 | 25.22 0.25 0.00 | 29.28 0.34 0.00 | 25.06 0.29 0.00 | 26.21 0.38 0.00 | 28.59 0.41 0.00 | 30.98 0.34 0.00 | 29.15 0.25 0.00 | 37.44 0.10 0.00 | 41.05 0.01 0.00 | 39.52 -0.23 0.00 | 39.78 0.07 0.00 | 41.90 0.02 0.00 | 36.63 -0.18 0.00 | 39.48 -0.09 -0.03 | 29.32 -0.20 -0.08 | 25.97 0.18 0.00 | 27.02 0.43 0.00 |
| RUSSELL__2 23532 | 22.49 0.03 0.00 | 20.09 0.15 0.00 | 19.47 0.14 0.00 | 18.47 0.08 0.00 | 17.77 0.06 0.00 | 24.31 0.33 0.00 | 23.65 0.16 0.00 | 25.22 0.25 0.00 | 29.28 0.34 0.00 | 25.06 0.29 0.00 | 26.21 0.38 0.00 | 28.59 0.41 0.00 | 30.98 0.34 0.00 | 29.15 0.25 0.00 | 37.44 0.10 0.00 | 41.05 0.01 0.00 | 39.52 -0.23 0.00 | 39.78 0.07 0.00 | 41.90 0.02 0.00 | 36.63 -0.18 0.00 | 39.48 -0.09 -0.03 | 29.32 -0.20 -0.08 | 25.97 0.18 0.00 | 27.02 0.43 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| RUSSELL___3 23549 | 22.49 0.03 0.00 | 20.09 0.15 0.00 | 19.47 0.14 0.00 | 18.47 0.08 0.00 | 17.77 0.06 0.00 | 24.31 0.33 0.00 | 23.65 0.16 0.00 | 25.22 0.25 0.00 | 29.28 0.34 0.00 | 25.06 0.29 0.00 | 26.21 0.38 0.00 | 28.59 0.41 0.00 | 30.98 0.34 0.00 | 29.15 0.25 0.00 | 37.44 0.10 0.00 | 41.05 0.01 0.00 | 39.52 -0.23 0.00 | 39.78 0.07 0.00 | 41.90 0.02 0.00 | 36.63 -0.18 0.00 | 39.48 -0.09 -0.03 | 29.32 -0.20 -0.08 | 25.97 0.18 0.00 | 27.02 0.43 0.00 |
| RUSSELL___4 23556 | 22.49 0.03 0.00 | 20.09 0.15 0.00 | 19.47 0.14 0.00 | 18.47 0.08 0.00 | 17.77 0.06 0.00 | 24.31 0.33 0.00 | 23.65 0.16 0.00 | 25.22 0.25 0.00 | 29.28 0.34 0.00 | 25.06 0.29 0.00 | 26.21 0.38 0.00 | 28.59 0.41 0.00 | 30.98 0.34 0.00 | 29.15 0.25 0.00 | 37.44 0.10 0.00 | 41.05 0.01 0.00 | 39.52 -0.23 0.00 | 39.78 0.07 0.00 | 41.90 0.02 0.00 | 36.63 -0.18 0.00 | 39.48 -0.09 -0.03 | 29.32 -0.20 -0.08 | 25.97 0.18 0.00 | 27.02 0.43 0.00 |
| RUSSELL___STATION 23914 | 22.49 0.03 0.00 | 20.09 0.15 0.00 | 19.47 0.14 0.00 | 18.47 0.08 0.00 | 17.77 0.06 0.00 | 24.31 0.33 0.00 | 23.65 0.16 0.00 | 25.22 0.25 0.00 | 29.28 0.34 0.00 | 25.06 0.29 0.00 | 26.21 0.38 0.00 | 28.59 0.41 0.00 | 30.98 0.34 0.00 | 29.15 0.25 0.00 | 37.44 0.10 0.00 | 41.05 0.01 0.00 | 39.52 -0.23 0.00 | 39.78 0.07 0.00 | 41.90 0.02 0.00 | 36.63 -0.18 0.00 | 39.48 -0.09 -0.03 | 29.32 -0.20 -0.08 | 25.97 0.18 0.00 | 27.02 0.43 0.00 |
| S SALMON___HYD 24043 | 22.27 -0.19 0.00 | 19.78 -0.16 0.00 | 19.17 -0.16 0.00 | 18.25 -0.14 0.00 | 17.62 -0.10 0.00 | 23.85 -0.13 0.00 | 23.27 -0.22 0.00 | 24.94 -0.23 -0.20 | 31.68 -0.24 -2.98 | 24.72 -0.18 -0.13 | 25.72 -0.11 0.00 | 28.08 -0.10 0.00 | 30.45 -0.19 0.00 | 28.61 -0.28 0.00 | 36.82 -0.52 0.00 | 41.21 -0.70 -0.87 | 40.11 -0.65 -1.01 | 41.74 -0.63 -2.66 | 46.00 -0.38 -4.51 | 39.04 -0.21 -2.45 | 40.35 -0.19 -1.00 | 29.38 -0.11 -0.05 | 25.67 -0.12 0.00 | 26.45 -0.14 0.00 |
| S.PERRY___115KV_TB1 80734 | 22.92 0.45 0.00 | 20.48 0.53 0.00 | 19.94 0.61 0.00 | 18.90 0.51 0.00 | 18.20 0.49 0.00 | 24.93 0.95 0.00 | 24.22 0.74 0.00 | 25.44 0.47 0.00 | 28.85 -0.09 0.00 | 24.53 -0.24 0.00 | 25.27 -0.56 0.00 | 27.42 -0.77 0.00 | 29.45 -1.19 0.00 | 28.40 -0.50 0.00 | 36.55 -0.79 0.00 | 40.06 -0.98 0.00 | 38.53 -1.23 0.00 | 39.03 -0.68 0.00 | 41.38 -0.50 0.00 | 36.65 -0.16 0.00 | 40.24 0.65 -0.04 | 30.07 0.52 -0.11 | 26.58 0.80 0.00 | 27.74 1.16 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 22.06 -0.40 0.00 | 19.80 -0.14 0.00 | 19.25 -0.08 0.00 | 18.22 -0.17 0.00 | 17.52 -0.20 0.00 | 24.05 0.07 0.00 | 23.26 -0.22 0.00 | 24.82 -0.15 0.00 | 28.79 -0.16 0.00 | 24.60 -0.17 0.00 | 25.79 -0.04 0.00 | 28.19 0.01 0.00 | 30.47 -0.18 0.00 | 28.55 -0.36 0.00 | 36.44 -0.90 0.00 | 39.75 -1.29 0.00 | 38.05 -1.71 0.00 | 38.33 -1.38 0.00 | 40.23 -1.64 0.00 | 35.08 -1.72 0.00 | 37.90 -1.68 -0.04 | 28.24 -1.30 -0.11 | 25.30 -0.49 0.00 | 26.56 -0.02 0.00 |
| SAWYER___23_KV_LOAD 55526 | 22.06 -0.40 0.00 | 19.80 -0.14 0.00 | 19.25 -0.08 0.00 | 18.22 -0.17 0.00 | 17.52 -0.20 0.00 | 24.05 0.07 0.00 | 23.26 -0.22 0.00 | 24.82 -0.15 0.00 | 28.79 -0.16 0.00 | 24.60 -0.17 0.00 | 25.79 -0.04 0.00 | 28.19 0.01 0.00 | 30.47 -0.18 0.00 | 28.55 -0.36 0.00 | 36.44 -0.90 0.00 | 39.75 -1.29 0.00 | 38.05 -1.71 0.00 | 38.33 -1.38 0.00 | 40.23 -1.64 0.00 | 35.08 -1.72 0.00 | 37.90 -1.68 -0.04 | 28.24 -1.30 -0.11 | 25.30 -0.49 0.00 | 26.56 -0.02 0.00 |
| SELKIRK___I 23801 | 23.17 0.71 0.00 | 20.62 0.68 0.00 | 19.99 0.66 0.00 | 19.03 0.64 0.00 | 18.32 0.60 0.00 | 24.71 0.73 0.00 | 24.32 0.84 0.00 | 25.83 0.85 0.00 | 29.84 0.90 0.00 | 25.54 0.77 0.00 | 28.86 0.74 -2.28 | 28.99 0.80 0.00 | 31.55 0.91 0.00 | 29.83 0.93 0.00 | 38.56 1.22 0.00 | 42.45 1.40 0.00 | 41.15 1.39 0.00 | 41.21 1.50 0.00 | 43.53 1.66 0.00 | 38.38 1.58 0.00 | 41.50 1.64 -0.31 | 31.45 1.19 -0.83 | 26.78 0.99 0.00 | 27.51 0.92 0.00 |
| SELKIRK___II 23799 | 23.02 0.56 0.00 | 20.48 0.54 0.00 | 19.85 0.52 0.00 | 18.90 0.51 0.00 | 18.20 0.48 0.00 | 24.51 0.52 0.00 | 24.17 0.69 0.00 | 25.69 0.72 0.00 | 29.72 0.77 0.00 | 25.44 0.67 0.00 | 28.90 0.65 -2.42 | 28.90 0.72 0.00 | 31.46 0.82 0.00 | 29.75 0.85 0.00 | 38.48 1.13 0.00 | 42.33 1.29 0.00 | 41.01 1.25 0.00 | 41.03 1.32 0.00 | 43.32 1.44 0.00 | 38.16 1.36 0.00 | 41.26 1.40 -0.32 | 31.29 1.02 -0.84 | 26.65 0.86 0.00 | 27.35 0.77 0.00 |
| SENECA OSWGO___HYD 24041 | 22.19 -0.27 0.00 | 19.70 -0.24 0.00 | 19.13 -0.20 0.00 | 18.18 -0.21 0.00 | 17.54 -0.18 0.00 | 23.74 -0.25 0.00 | 23.18 -0.30 0.00 | 24.91 -0.33 -0.27 | 32.55 -0.39 -3.99 | 24.61 -0.33 -0.17 | 25.55 -0.28 0.00 | 27.88 -0.30 0.00 | 30.28 -0.36 0.00 | 28.53 -0.37 0.00 | 36.78 -0.56 0.00 | 41.60 -0.62 -1.18 | 40.51 -0.66 -1.41 | 42.81 -0.63 -3.72 | 47.54 -0.63 -6.30 | 39.67 -0.56 -3.42 | 40.34 -0.60 -1.39 | 29.02 -0.47 -0.05 | 25.42 -0.36 0.00 | 26.28 -0.31 0.00 |
| SENECA___115KV_TB3 355854 | 22.33 -0.13 0.00 | 20.01 0.07 0.00 | 19.46 0.14 0.00 | 18.42 0.03 0.00 | 17.73 0.01 0.00 | 24.33 0.34 0.00 | 23.58 0.10 0.00 | 25.19 0.22 0.00 | 29.23 0.29 0.00 | 25.00 0.23 0.00 | 26.22 0.40 0.00 | 28.67 0.49 0.00 | 31.00 0.36 0.00 | 29.07 0.17 0.00 | 37.16 -0.18 0.00 | 40.55 -0.49 0.00 | 38.82 -0.94 0.00 | 39.07 -0.64 0.00 | 40.98 -0.90 0.00 | 35.73 -1.08 0.00 | 38.58 -1.01 -0.04 | 28.74 -0.81 -0.11 | 25.66 -0.13 0.00 | 26.91 0.33 0.00 |
| SENECA___ENERGY 23797 | 22.31 -0.15 0.00 | 19.85 -0.09 0.00 | 19.29 -0.04 0.00 | 18.32 -0.07 0.00 | 17.67 -0.05 0.00 | 23.99 0.00 0.00 | 23.52 0.04 0.00 | 25.22 0.13 -0.11 | 30.78 0.16 -1.68 | 24.96 0.12 -0.07 | 26.00 0.17 0.00 | 28.34 0.15 0.00 | 30.82 0.18 0.00 | 29.01 0.11 0.00 | 37.35 0.01 0.00 | 41.39 -0.15 -0.49 | 40.02 -0.33 -0.59 | 41.16 -0.12 -1.56 | 44.46 -0.06 -2.64 | 38.09 -0.16 -1.44 | 40.01 -0.15 -0.61 | 29.35 -0.17 -0.09 | 25.77 -0.02 0.00 | 26.69 0.10 0.00 |
| SHOEMAKER___GT 23640 | 23.34 0.88 0.00 | 20.65 0.71 0.00 | 19.96 0.63 0.00 | 19.03 0.63 0.00 | 18.31 0.59 0.00 | 24.73 0.75 0.00 | 24.48 0.99 0.00 | 26.15 1.19 0.00 | 30.30 1.36 0.00 | 25.96 1.20 0.00 | 18.82 1.22 8.24 | 29.47 1.29 0.00 | 32.11 1.46 0.00 | 30.37 1.47 0.00 | 39.28 1.94 0.00 | 43.27 2.23 0.00 | 41.86 2.10 0.00 | 41.89 2.18 0.00 | 44.11 2.24 0.00 | 38.76 1.95 0.00 | 41.82 2.06 -0.22 | 31.56 1.54 -0.59 | 27.15 1.37 0.00 | 27.87 1.29 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 23.32 0.86 0.00 | 20.61 0.67 0.00 | 19.96 0.63 0.00 | 19.02 0.63 0.00 | 18.31 0.59 0.00 | 24.71 0.72 0.00 | 24.46 0.97 0.00 | 26.14 1.17 0.00 | 30.29 1.35 0.00 | 25.96 1.19 0.00 | 19.25 1.23 7.81 | 29.49 1.30 0.00 | 32.14 1.50 0.00 | 30.40 1.50 0.00 | 39.31 1.97 0.00 | 43.32 2.28 0.00 | 41.88 2.12 0.00 | 41.89 2.18 0.00 | 44.11 2.24 0.00 | 38.75 1.94 0.00 | 41.80 2.04 -0.22 | 31.55 1.53 -0.58 | 27.14 1.36 0.00 | 27.85 1.27 0.00 |
| SHOREHAM_IC_1 23715 | 24.91 2.45 0.00 | 21.99 2.05 0.00 | 21.09 1.76 0.00 | 20.05 1.65 0.00 | 19.33 1.61 0.00 | 26.05 2.06 0.00 | 26.01 2.52 0.00 | 27.78 2.81 0.00 | 32.30 3.35 0.00 | 27.81 3.04 0.00 | 39.46 3.13 -10.50 | 31.54 3.36 0.00 | 36.01 3.67 -1.69 | 60.62 3.74 -27.98 | 53.28 4.89 -11.04 | 58.26 5.31 -11.91 | 53.30 4.88 -8.66 | 44.48 4.67 -0.10 | 46.80 4.93 0.00 | 41.06 4.25 0.00 | 44.16 4.37 -0.25 | 39.25 3.68 -6.13 | 29.87 3.41 -0.67 | 30.43 3.46 -0.38 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| SHOREHAM_IC_2 23716 | 24.91 2.45 0.00 | 21.99 2.05 0.00 | 21.09 1.76 0.00 | 20.05 1.65 0.00 | 19.33 1.61 0.00 | 26.05 2.06 0.00 | 26.01 2.52 0.00 | 27.78 2.81 0.00 | 32.30 3.35 0.00 | 27.81 3.04 0.00 | 39.46 3.13 -10.50 | 31.54 3.36 0.00 | 36.01 3.67 -1.69 | 60.62 3.74 -27.98 | 53.28 4.89 -11.04 | 58.26 5.31 -11.91 | 53.30 4.88 -8.66 | 44.48 4.67 -0.10 | 46.80 4.93 0.00 | 41.06 4.25 0.00 | 44.16 4.37 -0.25 | 39.25 3.68 -6.13 | 29.87 3.41 -0.67 | 30.43 3.46 -0.38 |
| SISSONVILLE____ 23735 | 21.68 -0.78 0.00 | 19.23 -0.71 0.00 | 18.60 -0.73 0.00 | 17.69 -0.70 0.00 | 17.06 -0.65 0.00 | 23.16 -0.83 0.00 | 22.61 -0.87 0.00 | 24.07 -0.90 0.00 | 27.94 -1.00 0.00 | 23.88 -0.90 0.00 | 24.93 -0.90 0.00 | 27.22 -0.97 0.00 | 29.55 -1.10 0.00 | 27.82 -1.08 0.00 | 35.96 -1.37 0.00 | 39.51 -1.53 0.00 | 38.61 -1.28 -0.13 | 38.52 -1.56 -0.37 | 40.96 -1.53 -0.62 | 35.84 -1.30 -0.34 | 38.37 -1.31 -0.14 | 28.47 -0.96 0.00 | 24.79 -1.00 0.00 | 25.46 -1.13 0.00 |
| SITHE_IND_GS1 24169 | 21.88 -0.58 0.00 | 19.45 -0.49 0.00 | 18.88 -0.45 0.00 | 17.95 -0.44 0.00 | 17.30 -0.42 0.00 | 23.40 -0.58 0.00 | 22.83 -0.65 0.00 | 23.49 -0.72 0.76 | 16.71 -0.83 11.40 | 23.55 -0.72 0.50 | 25.11 -0.73 0.00 | 27.40 -0.79 0.00 | 29.76 -0.89 0.00 | 28.03 -0.87 0.00 | 36.19 -1.15 0.00 | 36.39 -1.30 3.35 | 34.39 -1.31 4.05 | 27.70 -1.28 10.73 | 22.37 -1.34 18.17 | 25.73 -1.20 9.87 | 34.34 -1.28 3.93 | 28.51 -0.97 -0.04 | 24.99 -0.79 0.00 | 25.84 -0.75 0.00 |
| SITHE_IND_GS2 24170 | 21.88 -0.58 0.00 | 19.45 -0.49 0.00 | 18.88 -0.45 0.00 | 17.95 -0.44 0.00 | 17.30 -0.42 0.00 | 23.40 -0.58 0.00 | 22.83 -0.65 0.00 | 23.49 -0.72 0.76 | 16.71 -0.83 11.40 | 23.55 -0.72 0.50 | 25.11 -0.73 0.00 | 27.40 -0.79 0.00 | 29.76 -0.89 0.00 | 28.03 -0.87 0.00 | 36.19 -1.15 0.00 | 36.39 -1.30 3.35 | 34.39 -1.31 4.05 | 27.70 -1.28 10.73 | 22.37 -1.34 18.17 | 25.73 -1.20 9.87 | 34.34 -1.28 3.93 | 28.51 -0.97 -0.04 | 24.99 -0.79 0.00 | 25.84 -0.75 0.00 |
| SITHE_IND_GS3 24171 | 21.88 -0.58 0.00 | 19.45 -0.49 0.00 | 18.88 -0.45 0.00 | 17.95 -0.44 0.00 | 17.30 -0.42 0.00 | 23.40 -0.58 0.00 | 22.83 -0.65 0.00 | 23.49 -0.72 0.76 | 16.71 -0.83 11.40 | 23.55 -0.72 0.50 | 25.11 -0.73 0.00 | 27.40 -0.79 0.00 | 29.76 -0.89 0.00 | 28.03 -0.87 0.00 | 36.19 -1.15 0.00 | 36.39 -1.30 3.35 | 34.39 -1.31 4.05 | 27.70 -1.28 10.73 | 22.37 -1.34 18.17 | 25.73 -1.20 9.87 | 34.34 -1.28 3.93 | 28.51 -0.97 -0.04 | 24.99 -0.79 0.00 | 25.84 -0.75 0.00 |
| SITHE_IND_GS4 24172 | 21.88 -0.58 0.00 | 19.45 -0.49 0.00 | 18.88 -0.45 0.00 | 17.95 -0.44 0.00 | 17.30 -0.42 0.00 | 23.40 -0.58 0.00 | 22.83 -0.65 0.00 | 23.49 -0.72 0.76 | 16.71 -0.83 11.40 | 23.55 -0.72 0.50 | 25.11 -0.73 0.00 | 27.40 -0.79 0.00 | 29.76 -0.89 0.00 | 28.03 -0.87 0.00 | 36.19 -1.15 0.00 | 36.39 -1.30 3.35 | 34.39 -1.31 4.05 | 27.70 -1.28 10.73 | 22.37 -1.34 18.17 | 25.73 -1.20 9.87 | 34.34 -1.28 3.93 | 28.51 -0.97 -0.04 | 24.99 -0.79 0.00 | 25.84 -0.75 0.00 |
| SITHE____BATAVIA 24024 | 22.59 0.13 0.00 | 20.18 0.24 0.00 | 19.68 0.35 0.00 | 18.63 0.24 0.00 | 17.93 0.21 0.00 | 24.58 0.59 0.00 | 23.85 0.37 0.00 | 25.48 0.51 0.00 | 29.57 0.62 0.00 | 25.25 0.48 0.00 | 26.49 0.66 0.00 | 28.90 0.71 0.00 | 31.20 0.56 0.00 | 29.25 0.35 0.00 | 37.34 0.00 0.00 | 40.88 -0.16 0.00 | 39.34 -0.42 0.00 | 39.72 0.01 0.00 | 41.86 -0.02 0.00 | 36.63 -0.18 0.00 | 39.53 -0.05 -0.04 | 29.34 -0.19 -0.09 | 26.15 0.36 0.00 | 27.28 0.69 0.00 |
| SITHE____INDEPEND 23800 | 21.88 -0.58 0.00 | 19.46 -0.48 0.00 | 18.88 -0.45 0.00 | 17.95 -0.44 0.00 | 17.30 -0.42 0.00 | 23.40 -0.58 0.00 | 22.83 -0.65 0.00 | 23.49 -0.72 0.76 | 16.71 -0.83 11.40 | 23.55 -0.72 0.50 | 25.11 -0.73 0.00 | 27.40 -0.79 0.00 | 29.76 -0.88 0.00 | 28.03 -0.87 0.00 | 36.19 -1.15 0.00 | 36.39 -1.30 3.35 | 34.39 -1.31 4.05 | 27.70 -1.28 10.73 | 22.37 -1.34 18.17 | 25.73 -1.20 9.87 | 34.34 -1.28 3.93 | 28.51 -0.97 -0.04 | 24.98 -0.80 0.00 | 25.84 -0.75 0.00 |
| SITHE____MASSENA 23902 | 22.30 -0.17 0.00 | 19.78 -0.16 0.00 | 19.15 -0.18 0.00 | 18.21 -0.18 0.00 | 17.55 -0.17 0.00 | 23.82 -0.17 0.00 | 23.22 -0.26 0.00 | 24.68 -0.29 0.00 | 28.64 -0.31 0.00 | 24.47 -0.30 0.00 | 25.52 -0.31 0.00 | 27.85 -0.33 0.00 | 30.25 -0.39 0.00 | 28.50 -0.39 0.00 | 36.88 -0.46 0.00 | 40.51 -0.53 0.00 | 39.40 -0.36 0.00 | 39.13 -0.58 0.00 | 41.28 -0.59 0.00 | 36.30 -0.50 0.00 | 39.06 -0.49 0.00 | 29.13 -0.31 0.00 | 25.42 -0.37 0.00 | 26.17 -0.42 0.00 |
| SITHE____OGDNSBRG 24021 | 22.35 -0.11 0.00 | 19.82 -0.12 0.00 | 19.18 -0.15 0.00 | 18.24 -0.16 0.00 | 17.60 -0.12 0.00 | 23.88 -0.10 0.00 | 23.32 -0.16 0.00 | 24.80 -0.17 0.00 | 28.75 -0.20 0.00 | 24.47 -0.30 0.00 | 25.59 -0.24 0.00 | 27.92 -0.26 0.00 | 30.31 -0.33 0.00 | 28.63 -0.27 0.00 | 37.07 -0.27 0.00 | 40.74 -0.30 0.00 | 39.61 -0.15 0.00 | 39.26 -0.45 0.00 | 41.52 -0.36 0.00 | 36.57 -0.24 0.00 | 39.39 -0.15 0.00 | 29.35 -0.09 0.00 | 25.55 -0.24 0.00 | 26.26 -0.33 0.00 |
| SITHE____STERLING 23777 | 22.88 0.42 0.00 | 20.29 0.35 0.00 | 19.74 0.41 0.00 | 18.78 0.39 0.00 | 18.10 0.39 0.00 | 24.46 0.47 0.00 | 24.01 0.53 0.00 | 25.67 0.65 -0.05 | 30.42 0.80 -0.68 | 25.52 0.72 -0.03 | 26.70 0.87 0.00 | 29.19 1.01 0.00 | 31.78 1.14 0.00 | 29.82 0.92 0.00 | 38.48 1.13 0.00 | 42.45 1.21 -0.20 | 41.24 1.24 -0.25 | 41.55 1.18 -0.65 | 44.22 1.24 -1.11 | 38.57 1.16 -0.60 | 41.07 1.27 -0.26 | 30.29 0.81 -0.04 | 26.45 0.67 0.00 | 27.20 0.61 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 22.75 0.29 0.00 | 20.30 0.36 0.00 | 19.67 0.34 0.00 | 18.72 0.32 0.00 | 18.02 0.30 0.00 | 24.46 0.47 0.00 | 24.01 0.53 0.00 | 25.69 0.63 -0.09 | 31.10 0.79 -1.36 | 25.46 0.63 -0.06 | 26.61 0.78 0.00 | 29.10 0.92 0.00 | 31.66 1.02 0.00 | 29.85 0.96 0.00 | 38.48 1.14 0.00 | 42.47 1.03 -0.40 | 41.08 0.85 -0.48 | 41.89 0.92 -1.26 | 45.10 1.08 -2.14 | 38.75 0.78 -1.16 | 40.93 0.89 -0.50 | 30.02 0.51 -0.08 | 26.33 0.54 0.00 | 27.20 0.61 0.00 |
| SOUTH CAIRO____GT 23612 | 23.83 1.37 0.00 | 21.21 1.27 0.00 | 20.49 1.16 0.00 | 19.51 1.11 0.00 | 18.79 1.07 0.00 | 25.42 1.43 0.00 | 25.10 1.61 0.00 | 26.65 1.68 0.00 | 30.77 1.82 0.00 | 26.18 1.41 0.00 | 28.85 1.15 -1.87 | 29.37 1.18 0.00 | 31.89 1.25 0.00 | 30.22 1.32 0.00 | 39.13 1.79 0.00 | 43.27 2.23 0.00 | 42.18 2.43 0.00 | 42.48 2.77 0.00 | 45.16 3.28 0.00 | 40.04 3.23 0.00 | 43.25 3.41 -0.30 | 32.62 2.39 -0.79 | 27.72 1.94 0.00 | 28.40 1.82 0.00 |
| SOUTH HAMPTN____IC 23720 | 25.29 2.83 0.00 | 22.33 2.38 0.00 | 21.36 2.03 0.00 | 20.31 1.91 0.00 | 19.58 1.86 0.00 | 26.46 2.47 0.00 | 26.43 2.94 0.00 | 28.26 3.29 0.00 | 32.90 3.96 0.00 | 28.38 3.61 0.00 | 40.03 3.70 -10.50 | 32.19 4.01 0.00 | 36.80 4.47 -1.69 | 61.26 4.39 -27.97 | 54.10 5.72 -11.04 | 59.20 6.25 -11.91 | 54.19 5.78 -8.66 | 45.41 5.60 -0.10 | 47.78 5.90 0.00 | 41.90 5.10 0.00 | 45.04 5.24 -0.25 | 39.87 4.30 -6.13 | 30.38 3.92 -0.67 | 30.95 3.98 -0.38 |
| SOUTHDOW_115KV_TB1 355954 | 22.76 0.30 0.00 | 20.32 0.38 0.00 | 19.79 0.46 0.00 | 18.72 0.33 0.00 | 18.03 0.31 0.00 | 24.79 0.80 0.00 | 24.16 0.68 0.00 | 25.97 1.00 0.00 | 30.21 1.26 0.00 | 25.85 1.08 0.00 | 27.13 1.30 0.00 | 29.55 1.36 0.00 | 31.78 1.14 0.00 | 29.80 0.90 0.00 | 38.16 0.82 0.00 | 41.74 0.70 0.00 | 39.94 0.18 0.00 | 40.17 0.46 0.00 | 42.12 0.25 0.00 | 36.74 -0.06 0.00 | 39.65 0.06 -0.04 | 29.52 -0.03 -0.12 | 26.10 0.32 0.00 | 27.17 0.58 0.00 |

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| SOUTHOLD_69_KV_BK 2 55809 | 25.77 3.31 0.00 | 22.60 2.66 0.00 | 21.73 2.40 0.00 | 20.65 2.26 0.00 | 19.92 2.20 0.00 | 26.97 2.98 0.00 | 26.96 3.48 0.00 | 28.85 3.88 0.00 | 33.67 4.72 0.00 | 29.07 4.30 0.00 | 40.69 4.37 -10.49 | 32.97 4.78 0.00 | 37.58 5.25 -1.69 | 62.02 5.15 -27.97 | 55.05 6.67 -11.04 | 60.31 7.35 -11.91 | 55.27 6.85 -8.66 | 46.52 6.71 -0.10 | 48.94 7.07 0.00 | 42.92 6.12 0.00 | 46.11 6.31 -0.25 | 40.63 5.07 -6.13 | 31.10 4.64 -0.67 | 31.58 4.62 -0.38 |
| SOUTHOLD____IC 23719 | 25.78 3.31 0.00 | 22.75 2.80 0.00 | 21.73 2.40 0.00 | 20.65 2.26 0.00 | 19.92 2.20 0.00 | 26.97 2.98 0.00 | 26.96 3.47 0.00 | 28.85 3.88 0.00 | 33.66 4.72 0.00 | 29.07 4.30 0.00 | 40.70 4.37 -10.50 | 32.97 4.78 0.00 | 37.59 5.25 -1.69 | 62.02 5.15 -27.97 | 55.05 6.67 -11.04 | 60.31 7.35 -11.91 | 55.27 6.85 -8.66 | 46.52 6.71 -0.10 | 48.94 7.07 0.00 | 42.92 6.12 0.00 | 46.11 6.31 -0.25 | 40.66 5.10 -6.13 | 31.03 4.57 -0.67 | 31.59 4.62 -0.38 |
| SPIERFLS_115KV_TB 1 80737 | 23.35 0.89 0.00 | 20.66 0.72 0.00 | 19.94 0.61 0.00 | 18.97 0.58 0.00 | 18.26 0.54 0.00 | 24.68 0.69 0.00 | 24.38 0.90 0.00 | 25.95 0.99 0.00 | 29.95 1.01 0.00 | 25.52 0.75 0.00 | 28.92 0.67 -2.42 | 28.90 0.72 0.00 | 31.47 0.83 0.00 | 29.81 0.91 0.00 | 38.67 1.33 0.00 | 42.85 1.81 0.00 | 41.82 2.06 0.00 | 41.77 2.06 0.00 | 44.23 2.36 0.00 | 38.92 2.11 0.00 | 41.99 2.13 -0.33 | 31.84 1.54 -0.86 | 27.00 1.21 0.00 | 27.79 1.20 0.00 |
| ST LAWRENCE____ 23600 | 22.16 -0.31 0.00 | 19.66 -0.28 0.00 | 19.02 -0.31 0.00 | 18.08 -0.31 0.00 | 17.42 -0.30 0.00 | 23.66 -0.33 0.00 | 23.06 -0.42 0.00 | 24.51 -0.46 0.00 | 28.44 -0.51 0.00 | 24.30 -0.47 0.00 | 25.33 -0.50 0.00 | 27.63 -0.56 0.00 | 30.01 -0.63 0.00 | 28.29 -0.61 0.00 | 36.60 -0.74 0.00 | 40.21 -0.83 0.00 | 39.10 -0.66 0.00 | 38.89 -0.82 0.00 | 40.99 -0.89 0.00 | 36.04 -0.77 0.00 | 38.77 -0.77 0.00 | 28.92 -0.52 0.00 | 25.25 -0.54 0.00 | 26.01 -0.58 0.00 |
| STATE_CA_115KV_115_LB 55624 | 23.02 0.56 0.00 | 20.48 0.54 0.00 | 19.86 0.53 0.00 | 18.92 0.53 0.00 | 18.22 0.50 0.00 | 24.51 0.53 0.00 | 24.20 0.72 0.00 | 25.72 0.75 0.00 | 29.73 0.78 0.00 | 25.47 0.70 0.00 | 29.00 0.69 -2.48 | 28.95 0.77 0.00 | 31.54 0.90 0.00 | 29.83 0.93 0.00 | 38.60 1.26 0.00 | 42.49 1.45 0.00 | 41.21 1.45 0.00 | 41.20 1.49 0.00 | 43.49 1.61 0.00 | 38.30 1.50 0.00 | 41.40 1.54 -0.32 | 31.38 1.10 -0.85 | 26.69 0.91 0.00 | 27.38 0.79 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 22.75 0.29 0.00 | 20.27 0.33 0.00 | 19.53 0.20 0.00 | 18.61 0.22 0.00 | 17.96 0.24 0.00 | 24.43 0.44 0.00 | 24.00 0.52 0.00 | 25.69 0.59 -0.13 | 31.67 0.72 -2.01 | 25.37 0.51 -0.09 | 26.25 0.42 0.00 | 28.71 0.53 0.00 | 31.22 0.57 0.00 | 29.43 0.53 0.00 | 37.99 0.65 0.00 | 42.10 0.47 -0.59 | 40.77 0.31 -0.71 | 42.32 0.74 -1.87 | 45.96 0.92 -3.17 | 39.18 0.65 -1.72 | 41.05 0.78 -0.72 | 29.97 0.45 -0.08 | 26.29 0.50 0.00 | 27.16 0.57 0.00 |
| STATION 5_MISC_HYD 23604 | 22.37 -0.09 0.00 | 19.95 0.01 0.00 | 19.39 0.06 0.00 | 18.39 0.00 0.00 | 17.70 -0.02 0.00 | 24.19 0.20 0.00 | 23.54 0.06 0.00 | 25.09 0.12 0.00 | 29.14 0.20 0.00 | 24.93 0.15 0.00 | 26.07 0.24 0.00 | 28.44 0.26 0.00 | 30.82 0.18 0.00 | 28.98 0.08 0.00 | 37.21 -0.13 0.00 | 40.78 -0.26 0.00 | 39.25 -0.50 0.00 | 39.50 -0.22 0.00 | 41.59 -0.29 0.00 | 36.36 -0.44 0.00 | 39.19 -0.39 -0.03 | 29.12 -0.40 -0.08 | 25.82 0.03 0.00 | 26.86 0.27 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 22.46 0.00 0.00 | 20.03 0.09 0.00 | 19.45 0.12 0.00 | 18.46 0.07 0.00 | 17.78 0.07 0.00 | 24.22 0.23 0.00 | 23.65 0.17 0.00 | 25.26 0.26 -0.03 | 29.74 0.36 -0.43 | 25.10 0.31 -0.02 | 26.25 0.42 0.00 | 28.63 0.45 0.00 | 31.07 0.43 0.00 | 29.24 0.34 0.00 | 37.58 0.24 0.00 | 41.37 0.20 -0.13 | 39.90 -0.01 -0.15 | 40.30 0.19 -0.40 | 42.73 0.18 -0.68 | 37.16 -0.01 -0.37 | 39.76 0.04 -0.18 | 29.43 -0.09 -0.08 | 25.93 0.15 0.00 | 26.92 0.33 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 22.22 -0.24 0.00 | 19.84 -0.09 0.00 | 19.25 -0.08 0.00 | 18.26 -0.13 0.00 | 17.58 -0.14 0.00 | 24.01 0.03 0.00 | 23.37 -0.12 0.00 | 24.91 -0.06 0.00 | 28.93 -0.01 0.00 | 24.76 0.00 0.00 | 25.92 0.08 0.00 | 28.27 0.09 0.00 | 30.65 0.01 0.00 | 28.84 -0.06 0.00 | 37.05 -0.30 0.00 | 40.61 -0.43 0.00 | 39.11 -0.65 0.00 | 39.31 -0.40 0.00 | 41.39 -0.49 0.00 | 36.19 -0.62 0.00 | 38.98 -0.60 -0.03 | 28.96 -0.56 -0.08 | 25.63 -0.15 0.00 | 26.65 0.06 0.00 |
| STA_56____34_KV_BUS2 355983 | 22.22 -0.24 0.00 | 19.84 -0.09 0.00 | 19.25 -0.08 0.00 | 18.26 -0.13 0.00 | 17.58 -0.14 0.00 | 24.01 0.03 0.00 | 23.37 -0.12 0.00 | 24.91 -0.06 0.00 | 28.93 -0.01 0.00 | 24.76 0.00 0.00 | 25.92 0.08 0.00 | 28.27 0.09 0.00 | 30.65 0.01 0.00 | 28.84 -0.06 0.00 | 37.05 -0.30 0.00 | 40.61 -0.43 0.00 | 39.11 -0.65 0.00 | 39.31 -0.40 0.00 | 41.39 -0.49 0.00 | 36.19 -0.62 0.00 | 38.98 -0.60 -0.03 | 28.96 -0.56 -0.08 | 25.63 -0.15 0.00 | 26.65 0.06 0.00 |
| STA_67____115KV_BK2 355882 | 22.33 -0.13 0.00 | 19.95 0.01 0.00 | 19.35 0.02 0.00 | 18.36 -0.04 0.00 | 17.67 -0.05 0.00 | 24.15 0.16 0.00 | 23.48 0.00 0.00 | 25.03 0.06 0.00 | 29.06 0.12 0.00 | 24.86 0.09 0.00 | 26.00 0.17 0.00 | 28.36 0.18 0.00 | 30.74 0.10 0.00 | 28.90 0.00 0.00 | 37.10 -0.24 0.00 | 40.66 -0.38 0.00 | 39.13 -0.63 0.00 | 39.37 -0.34 0.00 | 41.45 -0.43 0.00 | 36.24 -0.56 0.00 | 39.07 -0.50 -0.03 | 29.04 -0.48 -0.08 | 25.74 -0.05 0.00 | 26.79 0.20 0.00 |
| STA_7____115KV_9TRANS 80674 | 22.49 0.03 0.00 | 20.09 0.15 0.00 | 19.47 0.14 0.00 | 18.47 0.08 0.00 | 17.77 0.06 0.00 | 24.31 0.33 0.00 | 23.65 0.16 0.00 | 25.22 0.25 0.00 | 29.28 0.34 0.00 | 25.06 0.29 0.00 | 26.21 0.38 0.00 | 28.59 0.41 0.00 | 30.98 0.34 0.00 | 29.15 0.25 0.00 | 37.44 0.10 0.00 | 41.05 0.01 0.00 | 39.52 -0.23 0.00 | 39.78 0.07 0.00 | 41.90 0.02 0.00 | 36.63 -0.18 0.00 | 39.48 -0.09 -0.03 | 29.32 -0.20 -0.08 | 25.97 0.18 0.00 | 27.02 0.43 0.00 |
| STA_82____115KV_TB1 80780 | 22.35 -0.12 0.00 | 19.97 0.03 0.00 | 19.37 0.04 0.00 | 18.37 -0.02 0.00 | 17.68 -0.04 0.00 | 24.17 0.18 0.00 | 23.50 0.02 0.00 | 25.05 0.08 0.00 | 29.08 0.14 0.00 | 24.88 0.11 0.00 | 26.02 0.19 0.00 | 28.39 0.20 0.00 | 30.75 0.11 0.00 | 28.92 0.02 0.00 | 37.13 -0.21 0.00 | 40.68 -0.36 0.00 | 39.16 -0.60 0.00 | 39.40 -0.31 0.00 | 41.49 -0.39 0.00 | 36.28 -0.53 0.00 | 39.11 -0.46 -0.03 | 29.07 -0.46 -0.08 | 25.76 -0.02 0.00 | 26.82 0.23 0.00 |
| STEEL____WIND 323596 | 22.29 -0.17 0.00 | 19.92 -0.02 0.00 | 19.45 0.12 0.00 | 18.41 0.01 0.00 | 17.71 -0.01 0.00 | 24.29 0.30 0.00 | 23.56 0.08 0.00 | 25.17 0.20 0.00 | 29.21 0.27 0.00 | 24.97 0.20 0.00 | 26.19 0.36 0.00 | 28.63 0.45 0.00 | 30.96 0.32 0.00 | 29.02 0.12 0.00 | 37.09 -0.25 0.00 | 40.48 -0.56 0.00 | 38.75 -1.01 0.00 | 39.00 -0.71 0.00 | 40.92 -0.96 0.00 | 35.68 -1.13 0.00 | 38.53 -1.06 -0.04 | 28.69 -0.86 -0.11 | 25.65 -0.14 0.00 | 26.88 0.29 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 23.14 0.68 0.00 | 20.56 0.62 0.00 | 19.90 0.57 0.00 | 18.97 0.58 0.00 | 18.27 0.55 0.00 | 24.66 0.67 0.00 | 24.34 0.85 0.00 | 25.86 0.88 0.00 | 29.90 0.96 0.00 | 25.56 0.79 0.00 | 29.14 0.81 -2.49 | 29.08 0.90 0.00 | 31.74 1.09 0.00 | 29.98 1.08 0.00 | 38.84 1.50 0.00 | 42.84 1.80 0.00 | 41.57 1.81 0.00 | 41.52 1.80 0.00 | 43.88 2.00 0.00 | 38.61 1.81 0.00 | 41.73 1.87 -0.32 | 31.62 1.34 -0.84 | 26.88 1.09 0.00 | 27.57 0.98 0.00 |

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| STEUBEN_REC_LFGE 323667 | 22.28 -0.18 0.00 | 19.96 0.02 0.00 | 19.52 0.19 0.00 | 18.59 0.20 0.00 | 17.86 0.14 0.00 | 24.43 0.44 0.00 | 23.89 0.41 0.00 | 25.66 0.65 -0.04 | 30.33 0.78 -0.60 | 25.56 0.76 -0.03 | 26.77 0.93 0.00 | 29.19 1.01 0.00 | 31.51 0.87 0.00 | 29.64 0.75 0.00 | 37.88 0.53 0.00 | 41.68 0.47 -0.18 | 39.99 0.02 -0.21 | 40.44 0.16 -0.56 | 43.00 0.18 -0.95 | 37.29 -0.03 -0.51 | 39.75 -0.05 -0.26 | 29.36 -0.22 -0.14 | 25.95 0.16 0.00 | 27.23 0.64 0.00 |
| STONY__BROOK 24151 | 24.73 2.27 0.00 | 21.83 1.89 0.00 | 20.94 1.61 0.00 | 19.91 1.52 0.00 | 19.19 1.47 0.00 | 25.89 1.90 0.00 | 25.83 2.34 0.00 | 27.59 2.62 0.00 | 32.03 3.08 0.00 | 27.55 2.78 0.00 | 39.27 2.94 -10.50 | 31.34 3.16 0.00 | 35.88 3.54 -1.69 | 60.36 3.48 -27.98 | 52.92 4.55 -11.04 | 57.76 4.81 -11.91 | 52.70 4.29 -8.66 | 43.98 4.17 -0.10 | 46.24 4.37 0.00 | 40.55 3.75 0.00 | 43.61 3.82 -0.25 | 38.93 3.37 -6.13 | 29.62 3.16 -0.67 | 30.16 3.20 -0.38 |
| STURGEON_POOL_HYD 23609 | 23.53 1.07 0.00 | 20.79 0.85 0.00 | 20.17 0.84 0.00 | 19.23 0.84 0.00 | 18.49 0.78 0.00 | 24.87 0.88 0.00 | 24.66 1.18 0.00 | 26.42 1.45 0.00 | 30.65 1.70 0.00 | 26.29 1.52 0.00 | 27.50 1.67 0.00 | 30.00 1.82 0.00 | 32.75 2.11 0.00 | 30.99 2.09 0.00 | 40.12 2.78 0.00 | 44.23 3.19 0.00 | 42.70 2.94 0.00 | 42.59 2.88 0.00 | 44.77 2.90 0.00 | 39.28 2.47 0.00 | 42.39 2.59 -0.26 | 32.06 1.94 -0.68 | 27.51 1.73 0.00 | 28.18 1.59 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 23.38 0.92 0.00 | 20.66 0.72 0.00 | 20.02 0.69 0.00 | 19.08 0.69 0.00 | 18.36 0.64 0.00 | 24.74 0.75 0.00 | 24.51 1.03 0.00 | 26.22 1.25 0.00 | 30.41 1.47 0.00 | 26.06 1.29 0.00 | 17.57 1.41 9.67 | 29.70 1.52 0.00 | 32.41 1.77 0.00 | 30.67 1.77 0.00 | 39.68 2.34 0.00 | 43.75 2.71 0.00 | 42.26 2.50 0.00 | 42.15 2.44 0.00 | 44.36 2.48 0.00 | 38.93 2.13 0.00 | 42.00 2.23 -0.23 | 31.73 1.68 -0.61 | 27.27 1.49 0.00 | 27.95 1.36 0.00 |
| SWANROAD_115KV_TB1 355699 | 21.65 -0.81 0.00 | 19.46 -0.48 0.00 | 18.92 -0.41 0.00 | 17.91 -0.48 0.00 | 17.21 -0.51 0.00 | 23.64 -0.35 0.00 | 22.79 -0.70 0.00 | 24.27 -0.70 0.00 | 28.10 -0.85 0.00 | 24.00 -0.77 0.00 | 25.15 -0.68 0.00 | 27.49 -0.69 0.00 | 29.73 -0.91 0.00 | 27.84 -1.06 0.00 | 35.44 -1.90 0.00 | 38.68 -2.36 0.00 | 37.11 -2.65 0.00 | 37.42 -2.29 0.00 | 39.28 -2.59 0.00 | 34.27 -2.53 0.00 | 37.05 -2.54 -0.04 | 27.64 -1.90 -0.10 | 24.82 -0.96 0.00 | 26.10 -0.49 0.00 |
| SYNERGY__BIOGAS 323694 | 22.59 0.13 0.00 | 20.18 0.24 0.00 | 19.68 0.35 0.00 | 18.63 0.24 0.00 | 17.93 0.21 0.00 | 24.58 0.59 0.00 | 23.85 0.37 0.00 | 25.48 0.51 0.00 | 29.57 0.62 0.00 | 25.25 0.48 0.00 | 26.49 0.66 0.00 | 28.90 0.71 0.00 | 31.20 0.56 0.00 | 29.25 0.35 0.00 | 37.34 0.00 0.00 | 40.88 -0.16 0.00 | 39.34 -0.42 0.00 | 39.72 0.01 0.00 | 41.86 -0.02 0.00 | 36.63 -0.18 0.00 | 39.53 -0.05 -0.04 | 29.34 -0.19 -0.09 | 26.15 0.36 0.00 | 27.28 0.69 0.00 |
| SYRACUSE__ENERGY_ST1 323597 | 22.43 -0.03 0.00 | 19.95 0.01 0.00 | 19.36 0.03 0.00 | 18.41 0.02 0.00 | 17.75 0.03 0.00 | 24.02 0.04 0.00 | 23.49 0.01 0.00 | 25.14 0.03 -0.15 | 31.19 0.05 -2.20 | 24.90 0.03 -0.10 | 25.96 0.13 0.00 | 28.33 0.15 0.00 | 30.76 0.12 0.00 | 28.98 0.08 0.00 | 37.39 0.05 0.00 | 41.71 0.02 -0.65 | 40.48 -0.06 -0.77 | 41.72 -0.03 -2.05 | 45.32 -0.02 -3.46 | 38.62 -0.07 -1.88 | 40.26 -0.06 -0.78 | 29.40 -0.10 -0.07 | 25.74 -0.05 0.00 | 26.61 0.03 0.00 |
| SYRACUSE__ENERGY_ST2 323598 | 22.43 -0.03 0.00 | 19.95 0.01 0.00 | 19.36 0.03 0.00 | 18.41 0.02 0.00 | 17.75 0.03 0.00 | 24.02 0.04 0.00 | 23.49 0.01 0.00 | 25.14 0.03 -0.15 | 31.19 0.05 -2.20 | 24.90 0.03 -0.10 | 25.96 0.13 0.00 | 28.33 0.15 0.00 | 30.76 0.12 0.00 | 28.98 0.08 0.00 | 37.39 0.05 0.00 | 41.71 0.02 -0.65 | 40.48 -0.06 -0.77 | 41.72 -0.03 -2.05 | 45.32 -0.02 -3.46 | 38.62 -0.07 -1.88 | 40.26 -0.06 -0.78 | 29.40 -0.10 -0.07 | 25.74 -0.05 0.00 | 26.61 0.03 0.00 |
| SYRACUSE__POWER 24017 | 22.43 -0.03 0.00 | 19.93 -0.01 0.00 | 19.35 0.02 0.00 | 18.39 -0.01 0.00 | 17.72 0.01 0.00 | 24.02 0.03 0.00 | 23.49 0.01 0.00 | 25.10 0.03 -0.10 | 30.45 0.05 -1.46 | 24.88 0.05 -0.06 | 25.94 0.11 0.00 | 28.30 0.12 0.00 | 30.70 0.06 0.00 | 28.92 0.03 0.00 | 37.31 -0.03 0.00 | 41.43 -0.04 -0.43 | 40.17 -0.10 -0.51 | 40.98 -0.08 -1.36 | 44.10 -0.07 -2.30 | 37.96 -0.09 -1.25 | 39.97 -0.10 -0.52 | 29.39 -0.12 -0.07 | 25.72 -0.07 0.00 | 26.63 0.04 0.00 |
| TALLMAN__138KV_BK151 55660 | 23.50 1.04 0.00 | 20.73 0.79 0.00 | 20.07 0.74 0.00 | 19.15 0.75 0.00 | 18.41 0.70 0.00 | 24.83 0.84 0.00 | 24.65 1.17 0.00 | 26.41 1.44 0.00 | 30.63 1.68 0.00 | 26.26 1.49 0.00 | 14.11 1.59 13.31 | 29.90 1.72 0.00 | 32.65 2.01 0.00 | 30.90 2.00 0.00 | 39.95 2.61 0.00 | 44.07 3.03 0.00 | 42.53 2.77 0.00 | 42.46 2.75 0.00 | 44.66 2.78 0.00 | 39.17 2.37 0.00 | 42.27 2.48 -0.24 | 31.95 1.88 -0.63 | 27.46 1.68 0.00 | 28.13 1.55 0.00 |
| TEALLAVE_115KV_TB7 355573 | 22.32 -0.14 0.00 | 19.84 -0.11 0.00 | 19.25 -0.08 0.00 | 18.30 -0.09 0.00 | 17.64 -0.08 0.00 | 23.90 -0.09 0.00 | 23.36 -0.12 0.00 | 24.93 -0.12 -0.08 | 30.04 -0.11 -1.21 | 24.73 -0.09 -0.05 | 25.80 -0.04 0.00 | 28.13 -0.05 0.00 | 30.51 -0.13 0.00 | 28.74 -0.16 0.00 | 37.09 -0.25 0.00 | 41.08 -0.31 -0.36 | 39.81 -0.37 -0.42 | 40.49 -0.34 -1.12 | 43.42 -0.35 -1.90 | 37.49 -0.34 -1.03 | 39.61 -0.37 -0.43 | 29.17 -0.32 -0.06 | 25.57 -0.22 0.00 | 26.47 -0.11 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 22.18 -0.28 0.00 | 19.91 -0.03 0.00 | 19.35 0.02 0.00 | 18.31 -0.08 0.00 | 17.61 -0.11 0.00 | 24.16 0.18 0.00 | 23.36 -0.12 0.00 | 24.92 -0.05 0.00 | 28.90 -0.05 0.00 | 24.69 -0.08 0.00 | 25.91 0.08 0.00 | 28.29 0.11 0.00 | 30.59 -0.06 0.00 | 28.67 -0.22 0.00 | 36.58 -0.75 0.00 | 39.97 -1.07 0.00 | 38.38 -1.38 0.00 | 38.67 -1.04 0.00 | 40.64 -1.23 0.00 | 35.48 -1.33 0.00 | 38.32 -1.26 -0.04 | 28.53 -1.01 -0.10 | 25.51 -0.27 0.00 | 26.74 0.16 0.00 |
| TEMPLE__115KV_TB 2 55572 | 22.34 -0.12 0.00 | 19.85 -0.09 0.00 | 19.26 -0.07 0.00 | 18.31 -0.08 0.00 | 17.65 -0.07 0.00 | 23.92 -0.07 0.00 | 23.38 -0.10 0.00 | 24.96 -0.09 -0.08 | 30.06 -0.09 -1.21 | 24.75 -0.07 -0.05 | 25.81 -0.02 0.00 | 28.16 -0.03 0.00 | 30.53 -0.11 0.00 | 28.76 -0.13 0.00 | 37.11 -0.22 0.00 | 41.12 -0.27 -0.35 | 39.85 -0.33 -0.42 | 40.52 -0.31 -1.12 | 43.45 -0.32 -1.89 | 37.51 -0.32 -1.03 | 39.63 -0.35 -0.43 | 29.19 -0.31 -0.06 | 25.58 -0.20 0.00 | 26.49 -0.09 0.00 |
| TIANA____69_KV_BK 1 55817 | 25.19 2.73 0.00 | 22.11 2.17 0.00 | 21.27 1.94 0.00 | 20.22 1.83 0.00 | 19.50 1.78 0.00 | 26.34 2.36 0.00 | 26.32 2.84 0.00 | 28.13 3.16 0.00 | 32.74 3.80 0.00 | 28.22 3.45 0.00 | 39.84 3.52 -10.49 | 31.99 3.81 0.00 | 36.59 4.26 -1.69 | 61.06 4.19 -27.97 | 53.87 5.49 -11.04 | 58.94 5.99 -11.91 | 53.93 5.51 -8.66 | 45.12 5.31 -0.10 | 47.47 5.59 0.00 | 41.64 4.83 0.00 | 44.76 4.96 -0.25 | 39.68 4.12 -6.13 | 30.31 3.85 -0.67 | 30.81 3.85 -0.38 |
| TILDEN__115KV_TB1 80814 | 22.43 -0.03 0.00 | 19.93 -0.01 0.00 | 19.35 0.02 0.00 | 18.39 -0.01 0.00 | 17.72 0.01 0.00 | 24.02 0.03 0.00 | 23.49 0.01 0.00 | 25.10 0.03 -0.10 | 30.45 0.05 -1.46 | 24.88 0.05 -0.06 | 25.94 0.11 0.00 | 28.30 0.12 0.00 | 30.70 0.06 0.00 | 28.92 0.03 0.00 | 37.31 -0.03 0.00 | 41.43 -0.04 -0.43 | 40.17 -0.10 -0.51 | 40.98 -0.08 -1.36 | 44.10 -0.07 -2.30 | 37.96 -0.09 -1.25 | 39.97 -0.10 -0.52 | 29.39 -0.12 -0.07 | 25.72 -0.07 0.00 | 26.63 0.04 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| TRIGEN___CC 323695 | 24.07 1.60 0.00 | 21.22 1.28 0.00 | 20.51 1.18 0.00 | 19.54 1.14 0.00 | 18.81 1.10 0.00 | 25.31 1.32 0.00 | 25.20 1.72 0.00 | 26.91 1.94 0.00 | 31.22 2.28 0.00 | 26.77 2.00 0.00 | 38.51 2.19 -10.49 | 30.52 2.33 0.00 | 34.99 2.65 -1.69 | 59.48 2.61 -27.97 | 51.81 3.43 -11.04 | 56.78 3.84 -11.90 | 51.91 3.50 -8.66 | 43.16 3.35 -0.10 | 45.36 3.49 0.00 | 39.79 2.98 0.00 | 42.87 3.08 -0.25 | 38.08 2.51 -6.13 | 28.78 2.33 -0.67 | 29.22 2.25 -0.38 |
| TRINITY___115KV___4 BK 55933 | 22.95 0.49 0.00 | 20.42 0.48 0.00 | 19.80 0.47 0.00 | 18.86 0.47 0.00 | 18.16 0.44 0.00 | 24.43 0.45 0.00 | 24.11 0.63 0.00 | 25.61 0.64 0.00 | 29.61 0.66 0.00 | 25.35 0.58 0.00 | 28.88 0.55 -2.50 | 28.79 0.61 0.00 | 31.37 0.72 0.00 | 29.66 0.76 0.00 | 38.37 1.03 0.00 | 42.23 1.19 0.00 | 40.95 1.19 0.00 | 40.96 1.24 0.00 | 43.24 1.37 0.00 | 38.11 1.30 0.00 | 41.18 1.32 -0.32 | 31.23 0.95 -0.84 | 26.57 0.78 0.00 | 27.27 0.68 0.00 |
| UNION___PROCESSING_DRP 323587 | 22.35 -0.11 0.00 | 19.97 0.03 0.00 | 19.37 0.04 0.00 | 18.38 -0.02 0.00 | 17.69 -0.03 0.00 | 24.18 0.19 0.00 | 23.51 0.03 0.00 | 25.07 0.10 0.00 | 29.10 0.16 0.00 | 24.89 0.12 0.00 | 26.03 0.19 0.00 | 28.39 0.21 0.00 | 30.77 0.12 0.00 | 28.93 0.03 0.00 | 37.14 -0.20 0.00 | 40.70 -0.34 0.00 | 39.17 -0.59 0.00 | 39.42 -0.30 0.00 | 41.50 -0.37 0.00 | 36.30 -0.51 0.00 | 39.13 -0.45 -0.03 | 29.08 -0.44 -0.08 | 25.77 -0.02 0.00 | 26.83 0.24 0.00 |
| UPPER HUDSON___HYD 24058 | 23.35 0.89 0.00 | 20.69 0.75 0.00 | 19.94 0.61 0.00 | 18.97 0.58 0.00 | 18.26 0.55 0.00 | 24.68 0.70 0.00 | 24.38 0.90 0.00 | 25.95 0.99 0.00 | 29.95 1.01 0.00 | 25.52 0.75 0.00 | 28.92 0.67 -2.42 | 28.90 0.72 0.00 | 31.47 0.83 0.00 | 29.81 0.91 0.00 | 38.67 1.33 0.00 | 42.85 1.81 0.00 | 41.81 2.05 0.00 | 41.77 2.06 0.00 | 44.23 2.36 0.00 | 38.91 2.11 0.00 | 41.99 2.12 -0.33 | 31.84 1.54 -0.86 | 26.99 1.20 0.00 | 27.79 1.20 0.00 |
| UPPER RAQUET___HYD 24056 | 21.68 -0.78 0.00 | 19.23 -0.72 0.00 | 18.60 -0.73 0.00 | 17.69 -0.70 0.00 | 17.07 -0.65 0.00 | 23.16 -0.83 0.00 | 22.61 -0.87 0.00 | 24.07 -0.90 0.00 | 27.94 -1.00 0.00 | 23.88 -0.89 0.00 | 24.93 -0.90 0.00 | 27.22 -0.97 0.00 | 29.55 -1.09 0.00 | 27.82 -1.08 0.00 | 35.96 -1.37 0.00 | 39.51 -1.53 0.00 | 38.61 -1.28 -0.13 | 38.52 -1.56 -0.37 | 40.97 -1.53 -0.62 | 35.84 -1.30 -0.34 | 38.37 -1.31 -0.14 | 28.47 -0.97 0.00 | 24.79 -1.00 0.00 | 25.46 -1.13 0.00 |
| VALLEY44_115KV_TB2 355964 | 22.45 -0.01 0.00 | 20.05 0.10 0.00 | 19.52 0.19 0.00 | 18.52 0.12 0.00 | 17.83 0.11 0.00 | 24.43 0.44 0.00 | 23.79 0.31 0.00 | 25.47 0.50 0.00 | 29.47 0.53 0.00 | 25.29 0.52 0.00 | 26.43 0.60 0.00 | 28.72 0.54 0.00 | 31.01 0.37 0.00 | 29.10 0.20 0.00 | 37.31 -0.03 0.00 | 40.81 -0.23 0.00 | 39.11 -0.65 0.00 | 39.23 -0.48 0.00 | 41.12 -0.76 0.00 | 35.91 -0.90 0.00 | 38.86 -0.73 -0.05 | 29.04 -0.52 -0.12 | 25.76 -0.02 0.00 | 27.02 0.43 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 22.49 0.02 0.00 | 20.02 0.08 0.00 | 19.48 0.15 0.00 | 18.53 0.14 0.00 | 17.87 0.16 0.00 | 24.06 0.07 0.00 | 23.70 0.22 0.00 | 25.20 0.23 0.00 | 29.15 0.21 0.00 | 24.96 0.19 0.00 | 26.04 0.20 0.00 | 28.36 0.18 0.00 | 30.89 0.24 0.00 | 29.22 0.33 0.00 | 37.76 0.43 0.00 | 41.63 0.59 0.00 | 40.59 0.84 0.00 | 40.49 0.77 0.00 | 42.78 0.90 0.00 | 37.70 0.90 0.00 | 40.46 0.91 0.00 | 30.02 0.58 0.00 | 26.18 0.39 0.00 | 26.81 0.23 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 23.23 0.76 0.00 | 20.57 0.63 0.00 | 19.95 0.62 0.00 | 18.98 0.59 0.00 | 18.29 0.56 0.00 | 24.83 0.84 0.00 | 24.43 0.95 0.00 | 26.08 1.07 -0.03 | 30.66 1.26 -0.45 | 25.89 1.10 -0.02 | 26.94 1.11 0.00 | 29.38 1.20 0.00 | 31.98 1.34 0.00 | 30.19 1.29 0.00 | 38.98 1.64 0.00 | 43.02 1.85 -0.13 | 41.62 1.70 -0.16 | 41.98 1.85 -0.42 | 44.51 1.93 -0.71 | 38.91 1.72 -0.39 | 41.65 1.83 -0.27 | 31.08 1.33 -0.32 | 26.94 1.15 0.00 | 27.70 1.12 0.00 |
| VISCHER___FERRY HYD 24020 | 23.32 0.86 0.00 | 20.77 0.83 0.00 | 20.13 0.80 0.00 | 19.18 0.79 0.00 | 18.45 0.73 0.00 | 24.85 0.87 0.00 | 24.52 1.04 0.00 | 25.98 1.02 0.00 | 30.02 1.07 0.00 | 25.68 0.91 0.00 | 29.24 0.87 -2.54 | 29.13 0.95 0.00 | 31.72 1.08 0.00 | 29.98 1.08 0.00 | 38.79 1.45 0.00 | 42.72 1.68 0.00 | 41.48 1.72 0.00 | 41.47 1.76 0.00 | 43.88 2.00 0.00 | 38.69 1.88 0.00 | 41.78 1.91 -0.32 | 31.68 1.39 -0.85 | 26.95 1.17 0.00 | 27.67 1.08 0.00 |
| V_A_10_SYNC_DSASP 323832 | 21.93 -0.53 0.00 | 19.61 -0.33 0.00 | 19.11 -0.22 0.00 | 18.11 -0.28 0.00 | 17.42 -0.30 0.00 | 23.85 -0.13 0.00 | 23.12 -0.36 0.00 | 24.66 -0.31 0.00 | 28.62 -0.32 0.00 | 24.44 -0.34 0.00 | 25.59 -0.24 0.00 | 27.94 -0.24 0.00 | 30.21 -0.43 0.00 | 28.32 -0.58 0.00 | 36.21 -1.13 0.00 | 39.57 -1.47 0.00 | 37.95 -1.81 0.00 | 38.21 -1.50 0.00 | 40.15 -1.72 0.00 | 35.06 -1.74 0.00 | 37.85 -1.73 -0.03 | 28.17 -1.36 -0.09 | 25.18 -0.60 0.00 | 26.35 -0.23 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 22.25 -0.21 0.00 | 19.74 -0.20 0.00 | 19.09 -0.23 0.00 | 18.16 -0.23 0.00 | 17.50 -0.22 0.00 | 23.76 -0.23 0.00 | 23.16 -0.32 0.00 | 24.61 -0.36 0.00 | 28.56 -0.39 0.00 | 24.42 -0.35 0.00 | 25.44 -0.39 0.00 | 27.76 -0.42 0.00 | 30.16 -0.49 0.00 | 28.41 -0.49 0.00 | 36.77 -0.57 0.00 | 40.39 -0.65 0.00 | 39.28 -0.48 0.00 | 39.05 -0.66 0.00 | 41.17 -0.71 0.00 | 36.19 -0.61 0.00 | 38.94 -0.61 0.00 | 29.04 -0.40 0.00 | 25.36 -0.43 0.00 | 26.12 -0.47 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 22.76 0.30 0.00 | 20.19 0.25 0.00 | 19.53 0.20 0.00 | 18.57 0.18 0.00 | 17.91 0.19 0.00 | 24.36 0.38 0.00 | 23.90 0.42 0.00 | 25.47 0.50 0.00 | 29.46 0.52 0.00 | 25.26 0.49 0.00 | 26.23 0.40 0.00 | 28.55 0.36 0.00 | 30.98 0.34 0.00 | 29.26 0.36 0.00 | 37.87 0.54 0.00 | 41.87 0.83 0.00 | 40.62 0.86 0.00 | 39.98 0.27 0.00 | 42.21 0.33 0.00 | 37.02 0.22 0.00 | 39.85 0.30 0.00 | 29.65 0.21 0.00 | 25.85 0.06 0.00 | 26.58 0.00 0.00 |
| V_E_10_SYNC_DSASP 323830 | 23.59 1.13 0.00 | 20.94 1.00 0.00 | 20.40 1.07 0.00 | 19.33 0.94 0.00 | 18.65 0.93 0.00 | 25.32 1.34 0.00 | 25.06 1.58 0.00 | 26.98 1.95 -0.06 | 32.25 2.38 -0.92 | 26.86 2.05 -0.04 | 28.12 2.28 0.00 | 30.62 2.44 0.00 | 33.29 2.65 0.00 | 31.40 2.50 0.00 | 40.13 2.79 0.00 | 44.73 3.42 -0.27 | 43.36 3.28 -0.32 | 44.00 3.43 -0.86 | 47.00 3.67 -1.45 | 40.76 3.17 -0.79 | 43.21 3.27 -0.40 | 31.86 2.21 -0.21 | 27.55 1.77 0.00 | 28.39 1.81 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 23.58 1.12 0.00 | 20.96 1.02 0.00 | 20.26 0.93 0.00 | 19.30 0.91 0.00 | 18.58 0.86 0.00 | 25.08 1.09 0.00 | 24.76 1.28 0.00 | 26.31 1.35 0.00 | 30.41 1.46 0.00 | 25.98 1.21 0.00 | 29.44 1.17 -2.44 | 29.44 1.26 0.00 | 32.07 1.42 0.00 | 30.33 1.44 0.00 | 39.29 1.95 0.00 | 43.36 2.32 0.00 | 42.20 2.44 0.00 | 42.19 2.48 0.00 | 44.62 2.74 0.00 | 39.27 2.47 0.00 | 42.42 2.56 -0.33 | 32.14 1.84 -0.86 | 27.32 1.53 0.00 | 28.07 1.49 0.00 |
| V_F_30_SYNC_DSASP 323786 | 23.02 0.56 0.00 | 20.48 0.54 0.00 | 19.86 0.53 0.00 | 18.92 0.53 0.00 | 18.22 0.50 0.00 | 24.51 0.53 0.00 | 24.20 0.71 0.00 | 25.71 0.74 0.00 | 29.72 0.78 0.00 | 25.47 0.70 0.00 | 29.00 0.69 -2.49 | 28.94 0.76 0.00 | 31.54 0.90 0.00 | 29.83 0.93 0.00 | 38.60 1.26 0.00 | 42.49 1.45 0.00 | 41.21 1.45 0.00 | 41.19 1.48 0.00 | 43.49 1.61 0.00 | 38.29 1.49 0.00 | 41.39 1.53 -0.32 | 31.37 1.09 -0.84 | 26.69 0.90 0.00 | 27.38 0.79 0.00 |

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| V_XM10_SYNC_DSASP 323789 | 22.76 0.30 0.00 | 20.19 0.25 0.00 | 19.53 0.20 0.00 | 18.57 0.18 0.00 | 17.91 0.19 0.00 | 24.36 0.38 0.00 | 23.90 0.42 0.00 | 25.47 0.50 0.00 | 29.46 0.52 0.00 | 25.26 0.49 0.00 | 26.23 0.40 0.00 | 28.55 0.36 0.00 | 30.98 0.34 0.00 | 29.26 0.36 0.00 | 37.87 0.54 0.00 | 41.87 0.83 0.00 | 40.62 0.86 0.00 | 39.98 0.27 0.00 | 42.21 0.33 0.00 | 37.02 0.22 0.00 | 39.85 0.30 0.00 | 29.65 0.21 0.00 | 25.85 0.06 0.00 | 26.58 0.00 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 23.58 1.12 0.00 | 20.81 0.87 0.00 | 20.14 0.81 0.00 | 19.21 0.82 0.00 | 18.48 0.76 0.00 | 24.91 0.93 0.00 | 24.74 1.26 0.00 | 26.50 1.53 0.00 | 30.74 1.79 0.00 | 26.36 1.59 0.00 | 13.29 1.70 14.24 | 30.02 1.84 0.00 | 32.77 2.13 0.00 | 31.03 2.13 0.00 | 40.12 2.78 0.00 | 44.25 3.21 0.00 | 42.71 2.96 0.00 | 42.64 2.93 0.00 | 44.84 2.97 0.00 | 39.33 2.53 0.00 | 42.43 2.65 -0.24 | 32.07 2.00 -0.63 | 27.56 1.78 0.00 | 28.23 1.65 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 23.73 1.27 0.00 | 20.93 0.99 0.00 | 20.25 0.92 0.00 | 19.32 0.93 0.00 | 18.60 0.88 0.00 | 25.04 1.05 0.00 | 24.89 1.41 0.00 | 26.70 1.73 0.00 | 30.96 2.01 0.00 | 26.58 1.81 0.00 | 38.40 1.98 -10.58 | 30.30 2.12 0.00 | 33.04 2.40 0.00 | 31.27 2.38 0.00 | 40.44 3.10 0.00 | 44.58 3.54 0.00 | 42.96 3.20 0.00 | 42.84 3.13 0.00 | 45.03 3.15 0.00 | 39.50 2.70 0.00 | 42.60 2.81 -0.25 | 32.27 2.17 -0.66 | 27.75 1.97 0.00 | 28.43 1.84 0.00 |
| W50THST__13_KV_LOAD 356117 | 23.84 1.38 0.00 | 21.02 1.07 0.00 | 20.34 1.00 0.00 | 19.40 1.01 0.00 | 18.67 0.95 0.00 | 25.16 1.18 0.00 | 25.05 1.56 0.00 | 26.88 1.92 0.00 | 31.19 2.24 0.00 | 26.79 2.02 0.00 | 38.63 2.21 -10.58 | 30.56 2.38 0.00 | 33.34 2.70 0.00 | 31.55 2.65 0.00 | 40.79 3.46 0.00 | 44.97 3.93 0.00 | 43.31 3.55 0.00 | 43.18 3.47 0.00 | 45.36 3.48 0.00 | 39.76 2.95 0.00 | 42.87 3.07 -0.25 | 32.46 2.36 -0.66 | 27.91 2.13 0.00 | 28.58 2.00 0.00 |
| WADING RIVER_IC_1 23522 | 24.94 2.48 0.00 | 22.02 2.07 0.00 | 21.10 1.76 0.00 | 20.06 1.67 0.00 | 19.33 1.61 0.00 | 26.08 2.10 0.00 | 26.04 2.56 0.00 | 27.82 2.85 0.00 | 32.33 3.38 0.00 | 27.84 3.07 0.00 | 39.48 3.15 -10.50 | 31.57 3.39 0.00 | 36.12 3.79 -1.69 | 60.63 4.93 -27.97 | 53.31 5.34 -11.04 | 58.29 4.89 -11.91 | 53.31 4.89 -8.66 | 44.51 4.70 -0.10 | 46.84 4.96 0.00 | 41.08 4.28 0.00 | 44.18 4.39 -0.25 | 39.28 3.72 -6.13 | 29.89 3.43 -0.67 | 30.46 3.49 -0.38 |
| WADING RIVER_IC_2 23547 | 24.94 2.48 0.00 | 22.02 2.07 0.00 | 21.10 1.76 0.00 | 20.06 1.67 0.00 | 19.33 1.61 0.00 | 26.08 2.10 0.00 | 26.04 2.56 0.00 | 27.82 2.85 0.00 | 32.33 3.38 0.00 | 27.84 3.07 0.00 | 39.48 3.15 -10.50 | 31.57 3.39 0.00 | 36.12 3.79 -1.69 | 60.63 4.93 -27.97 | 53.31 5.34 -11.04 | 58.29 4.89 -11.91 | 53.31 4.89 -8.66 | 44.51 4.70 -0.10 | 46.84 4.96 0.00 | 41.08 4.28 0.00 | 44.18 4.39 -0.25 | 39.28 3.72 -6.13 | 29.89 3.43 -0.67 | 30.46 3.49 -0.38 |
| WADING RIVER_IC_3 23601 | 24.94 2.48 0.00 | 22.02 2.07 0.00 | 21.10 1.76 0.00 | 20.06 1.67 0.00 | 19.33 1.61 0.00 | 26.08 2.10 0.00 | 26.04 2.56 0.00 | 27.82 2.85 0.00 | 32.33 3.38 0.00 | 27.84 3.07 0.00 | 39.48 3.15 -10.50 | 31.57 3.39 0.00 | 36.12 3.79 -1.69 | 60.63 4.93 -27.97 | 53.31 5.34 -11.04 | 58.29 4.89 -11.91 | 53.31 4.89 -8.66 | 44.51 4.70 -0.10 | 46.84 4.96 0.00 | 41.08 4.28 0.00 | 44.18 4.39 -0.25 | 39.28 3.72 -6.13 | 29.89 3.43 -0.67 | 30.46 3.49 -0.38 |
| WALDENNY_12_KV_BK2 80841 | 22.30 -0.16 0.00 | 19.99 0.05 0.00 | 19.45 0.12 0.00 | 18.41 0.01 0.00 | 17.70 -0.01 0.00 | 24.31 0.33 0.00 | 23.54 0.06 0.00 | 25.15 0.18 0.00 | 29.18 0.24 0.00 | 24.96 0.19 0.00 | 26.18 0.35 0.00 | 28.63 0.45 0.00 | 30.98 0.34 0.00 | 29.04 0.14 0.00 | 37.11 -0.23 0.00 | 40.51 -0.53 0.00 | 38.80 -0.96 0.00 | 39.06 -0.65 0.00 | 40.95 -0.92 0.00 | 35.71 -1.10 0.00 | 38.55 -1.04 -0.04 | 28.70 -0.85 -0.11 | 25.65 -0.14 0.00 | 26.89 0.31 0.00 |
| WALDEN__HYDRO 24148 | 23.64 1.17 0.00 | 20.87 0.93 0.00 | 20.19 0.86 0.00 | 19.25 0.86 0.00 | 18.52 0.80 0.00 | 24.98 1.00 0.00 | 24.77 1.29 0.00 | 26.50 1.54 0.00 | 30.73 1.79 0.00 | 26.34 1.57 0.00 | 25.07 1.65 2.41 | 29.95 1.77 0.00 | 32.63 1.99 0.00 | 30.88 1.98 0.00 | 39.96 2.62 0.00 | 44.08 3.04 0.00 | 42.69 2.93 0.00 | 42.66 2.95 0.00 | 44.97 3.10 0.00 | 39.47 2.67 0.00 | 42.63 2.84 -0.24 | 32.19 2.11 -0.64 | 27.64 1.85 0.00 | 28.30 1.71 0.00 |
| WARRENSBURG____ 23737 | 23.35 0.89 0.00 | 20.69 0.75 0.00 | 19.94 0.61 0.00 | 18.97 0.58 0.00 | 18.26 0.55 0.00 | 24.68 0.70 0.00 | 24.38 0.90 0.00 | 25.95 0.99 0.00 | 29.95 1.01 0.00 | 25.52 0.75 0.00 | 28.92 0.67 -2.42 | 28.90 0.72 0.00 | 31.47 0.83 0.00 | 29.81 0.91 0.00 | 38.67 1.33 0.00 | 42.85 1.81 0.00 | 41.81 2.05 0.00 | 41.77 2.06 0.00 | 44.23 2.36 0.00 | 38.91 2.11 0.00 | 41.99 2.12 -0.33 | 31.84 1.54 -0.86 | 26.99 1.20 0.00 | 27.79 1.20 0.00 |
| WATERSIDE____6 8 9 23538 | 23.76 1.30 0.00 | 20.95 1.01 0.00 | 20.27 0.94 0.00 | 19.33 0.94 0.00 | 18.60 0.89 0.00 | 25.05 1.07 0.00 | 24.93 1.44 0.00 | 26.72 1.75 0.00 | 30.96 2.02 0.00 | 26.60 1.83 0.00 | 38.39 1.98 -10.58 | 30.30 2.11 0.00 | 33.06 2.41 0.00 | 31.30 2.40 0.00 | 40.44 3.10 0.00 | 44.60 3.56 0.00 | 42.93 3.17 0.00 | 42.84 3.13 0.00 | 45.03 3.16 0.00 | 39.50 2.70 0.00 | 42.62 2.82 -0.25 | 32.30 2.20 -0.66 | 27.77 1.99 0.00 | 28.44 1.85 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 22.53 0.06 0.00 | 20.02 0.08 0.00 | 19.46 0.13 0.00 | 18.51 0.12 0.00 | 17.84 0.12 0.00 | 24.07 0.08 0.00 | 23.67 0.18 0.00 | 25.17 0.19 0.00 | 29.12 0.17 0.00 | 24.93 0.16 0.00 | 26.00 0.17 0.00 | 28.32 0.14 0.00 | 30.84 0.20 0.00 | 29.15 0.25 0.00 | 37.69 0.35 0.00 | 41.50 0.46 0.00 | 40.36 0.60 0.00 | 40.31 0.60 0.00 | 42.56 0.69 0.00 | 37.49 0.68 0.00 | 40.25 0.70 0.00 | 29.89 0.45 0.00 | 26.10 0.31 0.00 | 26.78 0.20 0.00 |
| WATSON__69_KV_BK 1 55734 | 24.85 2.39 0.00 | 21.87 1.93 0.00 | 21.12 1.79 0.00 | 20.08 1.69 0.00 | 19.35 1.62 0.00 | 26.03 2.04 0.00 | 25.98 2.49 0.00 | 27.76 2.79 0.00 | 32.23 3.28 0.00 | 27.71 2.94 0.00 | 39.51 3.18 -10.49 | 31.60 3.42 0.00 | 36.17 3.83 -1.69 | 60.65 3.77 -27.97 | 53.32 4.94 -11.04 | 58.25 5.30 -11.91 | 53.26 4.84 -8.66 | 44.39 4.58 -0.10 | 46.70 4.83 0.00 | 40.95 4.14 0.00 | 44.05 4.26 -0.25 | 39.16 3.60 -6.13 | 29.85 3.39 -0.67 | 30.32 3.36 -0.38 |
| WDELAWARE__HYD 323627 | 23.52 1.06 0.00 | 20.77 0.83 0.00 | 20.11 0.78 0.00 | 19.17 0.78 0.00 | 18.45 0.73 0.00 | 24.89 0.90 0.00 | 24.64 1.15 0.00 | 26.38 1.41 0.00 | 30.59 1.64 0.00 | 26.17 1.40 0.00 | 25.81 1.49 1.51 | 29.81 1.63 0.00 | 32.50 1.86 0.00 | 30.74 1.84 0.00 | 39.78 2.44 0.00 | 43.86 2.82 0.00 | 42.47 2.71 0.00 | 42.54 2.83 0.00 | 44.80 2.93 0.00 | 39.29 2.48 0.00 | 42.36 2.59 -0.22 | 31.93 1.91 -0.58 | 27.48 1.69 0.00 | 28.14 1.55 0.00 |
| WEST BABYLON__IC 23714 | 24.71 2.25 0.00 | 21.75 1.82 0.00 | 21.02 1.69 0.00 | 19.98 1.60 0.00 | 19.25 1.53 0.00 | 25.90 1.92 0.00 | 25.83 2.34 0.00 | 27.60 2.63 0.00 | 32.04 3.10 0.00 | 27.52 2.75 0.00 | 39.31 2.98 -10.49 | 31.34 3.16 0.00 | 35.86 3.53 -1.69 | 60.35 3.48 -27.97 | 52.96 4.58 -11.04 | 57.92 4.98 -11.91 | 52.95 4.53 -8.66 | 44.08 4.27 -0.10 | 46.38 4.50 0.00 | 40.67 3.87 0.00 | 43.78 3.99 -0.25 | 38.97 3.40 -6.13 | 29.65 3.19 -0.67 | 30.10 3.14 -0.38 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| WEST CANADA___HYD 24049 | 22.49 0.03 0.00 | 19.96 0.02 0.00 | 19.37 0.04 0.00 | 18.43 0.04 0.00 | 17.75 0.04 0.00 | 23.99 0.01 0.00 | 23.53 0.05 0.00 | 25.04 0.08 0.00 | 29.03 0.09 0.00 | 24.84 0.08 0.00 | 25.93 0.10 0.00 | 28.29 0.11 0.00 | 30.79 0.15 0.00 | 29.02 0.13 0.00 | 37.50 0.15 0.00 | 41.20 0.16 0.00 | 39.94 0.18 0.00 | 39.91 0.19 0.00 | 42.09 0.21 0.00 | 36.99 0.18 0.00 | 39.74 0.20 0.00 | 29.56 0.12 0.00 | 25.88 0.10 0.00 | 26.65 0.06 0.00 |
| WESTERN_NY_WIND 24143 | 22.56 0.10 0.00 | 20.16 0.22 0.00 | 19.66 0.33 0.00 | 18.61 0.22 0.00 | 17.91 0.19 0.00 | 24.55 0.56 0.00 | 23.82 0.34 0.00 | 25.44 0.47 0.00 | 29.53 0.58 0.00 | 25.22 0.45 0.00 | 26.46 0.63 0.00 | 28.86 0.67 0.00 | 31.15 0.51 0.00 | 29.21 0.31 0.00 | 37.27 -0.06 0.00 | 40.81 -0.23 0.00 | 39.26 -0.49 0.00 | 39.64 -0.07 0.00 | 41.77 -0.10 0.00 | 36.55 -0.25 0.00 | 39.45 -0.13 -0.04 | 29.28 -0.25 -0.09 | 26.12 0.33 0.00 | 27.25 0.66 0.00 |
| WESTOVER___LESR 323668 | 22.63 0.17 0.00 | 20.09 0.14 0.00 | 19.56 0.23 0.00 | 18.56 0.17 0.00 | 17.90 0.18 0.00 | 24.27 0.29 0.00 | 23.81 0.33 0.00 | 25.47 0.44 -0.06 | 30.31 0.51 -0.85 | 25.24 0.43 -0.04 | 26.34 0.51 0.00 | 28.74 0.55 0.00 | 31.20 0.56 0.00 | 29.40 0.50 0.00 | 37.90 0.56 0.00 | 41.92 0.63 -0.25 | 40.53 0.47 -0.30 | 41.00 0.50 -0.79 | 43.69 0.47 -1.34 | 37.88 0.35 -0.73 | 40.30 0.38 -0.37 | 29.91 0.27 -0.21 | 26.08 0.30 0.00 | 27.04 0.45 0.00 |
| WETHRSFD_WT_PWR 323626 | 22.17 -0.30 0.00 | 19.78 -0.16 0.00 | 19.33 0.00 0.00 | 18.31 -0.09 0.00 | 17.62 -0.09 0.00 | 24.16 0.17 0.00 | 23.52 0.04 0.00 | 25.11 0.14 0.00 | 29.12 0.17 0.00 | 24.91 0.14 0.00 | 26.10 0.27 0.00 | 28.50 0.32 0.00 | 30.83 0.18 0.00 | 28.91 0.02 0.00 | 36.97 -0.38 0.00 | 40.43 -0.61 0.00 | 38.77 -0.99 0.00 | 38.96 -0.75 0.00 | 40.95 -0.93 0.00 | 35.77 -1.04 0.00 | 38.56 -1.03 -0.05 | 28.71 -0.85 -0.12 | 25.54 -0.25 0.00 | 26.77 0.18 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 23.49 1.03 0.00 | 20.73 0.79 0.00 | 20.07 0.74 0.00 | 19.14 0.75 0.00 | 18.41 0.70 0.00 | 24.82 0.83 0.00 | 24.64 1.16 0.00 | 26.39 1.42 0.00 | 30.60 1.66 0.00 | 26.24 1.47 0.00 | 12.98 1.57 14.42 | 29.88 1.70 0.00 | 32.61 1.97 0.00 | 30.86 1.96 0.00 | 39.90 2.56 0.00 | 44.00 2.96 0.00 | 42.45 2.70 0.00 | 42.40 2.69 0.00 | 44.60 2.72 0.00 | 39.13 2.32 0.00 | 42.22 2.44 -0.24 | 31.92 1.85 -0.63 | 27.44 1.66 0.00 | 28.11 1.53 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 23.49 1.03 0.00 | 20.73 0.79 0.00 | 20.07 0.74 0.00 | 19.14 0.75 0.00 | 18.41 0.70 0.00 | 24.82 0.83 0.00 | 24.64 1.16 0.00 | 26.39 1.42 0.00 | 30.60 1.66 0.00 | 26.24 1.47 0.00 | 12.98 1.57 14.42 | 29.88 1.70 0.00 | 32.61 1.97 0.00 | 30.86 1.96 0.00 | 39.90 2.56 0.00 | 44.00 2.96 0.00 | 42.45 2.70 0.00 | 42.40 2.69 0.00 | 44.60 2.72 0.00 | 39.13 2.32 0.00 | 42.22 2.44 -0.24 | 31.92 1.85 -0.63 | 27.44 1.66 0.00 | 28.11 1.53 0.00 |
| WHITEHAL_115KV_TB1 80871 | 24.07 1.61 0.00 | 21.17 1.23 0.00 | 20.50 1.17 0.00 | 19.53 1.14 0.00 | 18.80 1.09 0.00 | 25.39 1.40 0.00 | 25.22 1.74 0.00 | 26.70 1.73 0.00 | 30.58 1.64 0.00 | 26.14 1.37 0.00 | 29.49 1.23 -2.43 | 29.54 1.36 0.00 | 32.13 1.49 0.00 | 30.46 1.56 0.00 | 39.66 2.32 0.00 | 44.46 3.42 0.00 | 43.66 3.90 0.00 | 43.36 3.65 0.00 | 46.17 4.29 0.00 | 40.55 3.74 0.00 | 43.51 3.64 -0.33 | 32.88 2.58 -0.86 | 27.82 2.04 0.00 | 28.94 2.35 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 23.79 1.34 0.00 | 21.03 1.09 0.00 | 20.39 1.06 0.00 | 19.44 1.04 0.00 | 18.70 0.98 0.00 | 25.13 1.15 0.00 | 24.95 1.47 0.00 | 26.73 1.76 0.00 | 31.01 2.06 0.00 | 26.60 1.84 0.00 | 39.17 2.10 -11.24 | 30.47 2.28 0.00 | 33.27 2.63 0.00 | 31.47 2.57 0.00 | 40.72 3.38 0.00 | 44.90 3.86 0.00 | 43.34 3.58 0.00 | 43.01 3.29 0.00 | 45.20 3.32 0.00 | 39.65 2.85 0.00 | 42.76 2.97 -0.25 | 32.37 2.27 -0.66 | 27.80 2.01 0.00 | 28.48 1.89 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 24.83 2.37 0.00 | 21.83 1.89 0.00 | 21.06 1.73 0.00 | 20.03 1.64 0.00 | 19.31 1.59 0.00 | 25.98 2.00 0.00 | 25.94 2.46 0.00 | 27.71 2.75 0.00 | 32.20 3.25 0.00 | 27.71 2.94 0.00 | 39.40 3.08 -10.49 | 31.49 3.31 0.00 | 36.06 3.73 -1.69 | 60.52 3.64 -27.97 | 53.21 4.83 -11.04 | 58.18 5.23 -11.91 | 53.21 4.80 -8.66 | 44.36 4.55 -0.10 | 46.67 4.79 0.00 | 40.94 4.13 0.00 | 44.03 4.23 -0.25 | 39.13 3.56 -6.13 | 29.82 3.36 -0.67 | 30.33 3.37 -0.38 |
| WOODARD__115KV_TB2 355635 | 22.27 -0.19 0.00 | 19.80 -0.14 0.00 | 19.21 -0.12 0.00 | 18.26 -0.13 0.00 | 17.60 -0.12 0.00 | 23.84 -0.15 0.00 | 23.29 -0.20 0.00 | 24.88 -0.19 -0.10 | 30.25 -0.20 -1.50 | 24.66 -0.17 -0.07 | 25.71 -0.12 0.00 | 28.05 -0.13 0.00 | 30.43 -0.21 0.00 | 28.68 -0.22 0.00 | 37.01 -0.33 0.00 | 41.09 -0.39 -0.44 | 39.83 -0.45 -0.53 | 40.69 -0.42 -1.39 | 43.81 -0.43 -2.36 | 37.68 -0.40 -1.28 | 39.63 -0.45 -0.54 | 29.12 -0.37 -0.06 | 25.52 -0.27 0.00 | 26.40 -0.18 0.00 |
| YORK___WARBASSE 23770 | 23.85 1.39 0.00 | 21.01 1.07 0.00 | 20.33 1.00 0.00 | 19.40 1.00 0.00 | 18.65 0.93 0.00 | 25.17 1.19 0.00 | 25.05 1.57 0.00 | 26.83 1.86 0.00 | 31.04 2.10 0.00 | 26.68 1.92 0.00 | 38.48 2.07 -10.58 | 30.40 2.22 0.00 | 33.15 2.50 0.00 | 31.40 2.50 0.00 | 40.57 3.22 0.00 | 44.75 3.71 0.00 | 43.03 3.27 0.00 | 42.95 3.24 0.00 | 45.18 3.31 0.00 | 39.65 2.85 0.00 | 42.79 2.99 -0.25 | 32.46 2.36 -0.66 | 27.93 2.14 0.00 | 28.59 2.01 0.00 |