

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/22/2023

| 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 | 33.01 | 32.25 | 28.36 | 25.36 | 25.05 | 24.44 | 23.82 | 24.15 | 25.35 | 27.47 | 31.97 | 30.43 | 33.43 | 33.65 | 34.64 | 34.50 | 35.21 | 34.62 | 44.81 | 39.26 | 36.40 | 32.63 | 30.19 | 27.77 |
| 24138 | 2.25 | 2.13 | 1.67 | 1.44 | 1.38 | 1.30 | 1.38 | 1.46 | 1.67 | 1.88 | 2.21 | 2.41 | 2.75 | 2.82 | 2.88 | 2.79 | 2.59 | 2.30 | 2.71 | 2.21 | 2.08 | 1.78 | 1.66 | 1.47 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.23 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 33.12 | 32.35 | 28.44 | 25.45 | 25.13 | 24.54 | 23.91 | 24.25 | 25.43 | 27.55 | 32.03 | 30.48 | 33.49 | 33.69 | 34.72 | 34.58 | 35.35 | 34.78 | 45.03 | 39.45 | 36.56 | 32.76 | 30.31 | 27.87 |
| 24260 | 2.36 | 2.23 | 1.76 | 1.53 | 1.46 | 1.41 | 1.46 | 1.57 | 1.75 | 1.95 | 2.27 | 2.46 | 2.81 | 2.85 | 2.97 | 2.87 | 2.73 | 2.46 | 2.93 | 2.39 | 2.24 | 1.91 | 1.78 | 1.58 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.23 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 33.12 | 32.35 | 28.44 | 25.45 | 25.13 | 24.54 | 23.91 | 24.25 | 25.43 | 27.55 | 32.03 | 30.48 | 33.49 | 33.69 | 34.72 | 34.58 | 35.35 | 34.78 | 45.03 | 39.45 | 36.56 | 32.76 | 30.31 | 27.87 |
| 24261 | 2.36 | 2.23 | 1.76 | 1.53 | 1.46 | 1.41 | 1.46 | 1.57 | 1.75 | 1.95 | 2.27 | 2.46 | 2.81 | 2.85 | 2.97 | 2.87 | 2.73 | 2.46 | 2.93 | 2.39 | 2.24 | 1.91 | 1.78 | 1.58 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.23 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 32.43 | 31.81 | 27.92 | 25.12 | 24.82 | 24.22 | 23.50 | 23.84 | 24.89 | 26.78 | 30.03 | 29.22 | 32.10 | 32.22 | 33.19 | 33.06 | 34.07 | 33.89 | 44.32 | 39.07 | 36.26 | 32.35 | 29.83 | 27.41 |
| 24011 | 1.67 | 1.70 | 1.23 | 1.20 | 1.14 | 1.08 | 1.05 | 1.15 | 1.21 | 1.19 | 1.23 | 1.20 | 1.45 | 1.38 | 1.43 | 1.34 | 1.44 | 1.56 | 2.23 | 2.02 | 1.93 | 1.50 | 1.30 | 1.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.27 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 32.69 | 32.06 | 28.09 | 25.30 | 24.98 | 24.39 | 23.66 | 24.02 | 25.09 | 26.94 | 30.18 | 29.35 | 32.28 | 32.39 | 33.35 | 33.24 | 34.28 | 34.17 | 44.63 | 39.35 | 36.56 | 32.58 | 30.01 | 27.58 |
| 23798 | 1.94 | 1.94 | 1.40 | 1.38 | 1.31 | 1.25 | 1.21 | 1.33 | 1.41 | 1.34 | 1.38 | 1.34 | 1.63 | 1.55 | 1.59 | 1.52 | 1.65 | 1.84 | 2.54 | 2.30 | 2.24 | 1.73 | 1.48 | 1.28 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.27 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 32.43 | 31.81 | 27.92 | 25.12 | 24.82 | 24.22 | 23.50 | 23.84 | 24.89 | 26.78 | 30.03 | 29.22 | 32.10 | 32.22 | 33.19 | 33.06 | 34.07 | 33.89 | 44.32 | 39.07 | 36.26 | 32.35 | 29.83 | 27.41 |
| 24028 | 1.67 | 1.70 | 1.23 | 1.20 | 1.14 | 1.08 | 1.05 | 1.15 | 1.21 | 1.19 | 1.23 | 1.20 | 1.45 | 1.38 | 1.43 | 1.34 | 1.44 | 1.56 | 2.23 | 2.02 | 1.93 | 1.50 | 1.30 | 1.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.27 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 32.08 | 31.74 | 27.96 | 25.24 | 24.92 | 24.34 | 23.57 | 23.83 | 24.89 | 26.67 | 29.89 | 29.04 | 31.80 | 31.95 | 32.90 | 32.66 | 33.60 | 33.22 | 43.36 | 38.30 | 35.50 | 31.70 | 29.33 | 27.07 |
| 23527 | 1.32 | 1.63 | 1.27 | 1.31 | 1.24 | 1.20 | 1.13 | 1.14 | 1.21 | 1.07 | 1.05 | 1.02 | 1.17 | 1.11 | 1.14 | 0.95 | 0.98 | 0.90 | 1.26 | 1.25 | 1.17 | 0.85 | 0.81 | 0.77 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 31.16 | 30.59 | 26.98 | 24.28 | 24.01 | 23.46 | 22.75 | 23.00 | 24.04 | 25.88 | 29.13 | 28.38 | 31.12 | 31.31 | 32.28 | 32.14 | 33.05 | 32.70 | 42.57 | 37.46 | 34.68 | 31.04 | 28.65 | 26.36 |
| 24190 | 0.40 | 0.47 | 0.29 | 0.36 | 0.33 | 0.32 | 0.30 | 0.32 | 0.36 | 0.29 | 0.32 | 0.36 | 0.47 | 0.47 | 0.52 | 0.43 | 0.42 | 0.38 | 0.47 | 0.41 | 0.36 | 0.19 | 0.11 | 0.07 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.28 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 30.49 | 29.82 | 26.50 | 23.73 | 23.50 | 22.96 | 22.26 | 22.50 | 23.43 | 25.33 | 28.13 | 27.50 | 30.10 | 30.22 | 31.13 | 31.25 | 32.27 | 31.96 | 41.64 | 36.67 | 33.99 | 30.60 | 28.30 | 26.03 |
| 355683 | -0.27 | -0.30 | -0.18 | -0.20 | -0.18 | -0.18 | -0.19 | -0.19 | -0.25 | -0.26 | -0.40 | -0.52 | -0.57 | -0.61 | -0.64 | -0.47 | -0.35 | -0.36 | -0.45 | -0.38 | -0.34 | -0.25 | -0.23 | -0.27 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 31.16 | 30.59 | 26.98 | 24.28 | 24.01 | 23.46 | 22.75 | 23.00 | 24.04 | 25.88 | 29.13 | 28.38 | 31.12 | 31.31 | 32.28 | 32.14 | 33.05 | 32.70 | 42.57 | 37.46 | 34.68 | 31.04 | 28.65 | 26.36 |
| 23571 | 0.40 | 0.47 | 0.29 | 0.36 | 0.33 | 0.32 | 0.30 | 0.32 | 0.36 | 0.29 | 0.32 | 0.36 | 0.47 | 0.47 | 0.52 | 0.43 | 0.42 | 0.38 | 0.47 | 0.41 | 0.36 | 0.19 | 0.11 | 0.07 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.28 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___2 | 31.16 | 30.59 | 26.98 | 24.28 | 24.01 | 23.46 | 22.75 | 23.00 | 24.04 | 25.88 | 29.13 | 28.38 | 31.12 | 31.31 | 32.28 | 32.14 | 33.05 | 32.70 | 42.57 | 37.46 | 34.68 | 31.04 | 28.65 | 26.36 |
| 23572 | 0.40 | 0.47 | 0.29 | 0.36 | 0.33 | 0.32 | 0.30 | 0.32 | 0.36 | 0.29 | 0.32 | 0.36 | 0.47 | 0.47 | 0.52 | 0.43 | 0.42 | 0.38 | 0.47 | 0.41 | 0.36 | 0.19 | 0.11 | 0.07 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.28 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___3 | 31.16 | 30.59 | 26.98 | 24.28 | 24.01 | 23.46 | 22.75 | 23.00 | 24.04 | 25.88 | 29.13 | 28.38 | 31.12 | 31.31 | 32.28 | 32.14 | 33.05 | 32.70 | 42.57 | 37.46 | 34.68 | 31.04 | 28.65 | 26.36 |
| 23573 | 0.40 | 0.47 | 0.29 | 0.36 | 0.33 | 0.32 | 0.30 | 0.32 | 0.36 | 0.29 | 0.32 | 0.36 | 0.47 | 0.47 | 0.52 | 0.43 | 0.42 | 0.38 | 0.47 | 0.41 | 0.36 | 0.19 | 0.11 | 0.07 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.28 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 31.16 0.40 0.00 | 30.59 0.47 0.00 | 26.98 0.29 0.00 | 24.28 0.36 0.00 | 24.01 0.33 0.00 | 23.46 0.32 0.00 | 22.75 0.30 0.00 | 23.00 0.32 0.00 | 24.04 0.36 0.00 | 25.88 0.29 0.00 | 29.13 0.32 -0.28 | 28.38 0.36 0.00 | 31.12 0.47 0.01 | 31.31 0.47 0.00 | 32.28 0.52 0.00 | 32.14 0.43 0.00 | 33.05 0.42 0.00 | 32.70 0.38 0.00 | 42.57 0.47 0.00 | 37.46 0.41 0.00 | 34.68 0.36 0.00 | 31.04 0.19 0.00 | 28.65 0.11 0.00 | 26.36 0.07 0.00 |
| ALBANY___LFGE 323615 | 31.50 0.74 0.00 | 30.92 0.81 0.00 | 27.27 0.58 0.00 | 24.54 0.62 0.00 | 24.26 0.58 0.00 | 23.70 0.57 0.00 | 22.99 0.55 0.00 | 23.25 0.57 0.00 | 24.30 0.62 0.00 | 26.18 0.59 0.00 | 29.46 0.65 -0.28 | 28.72 0.70 0.00 | 31.49 0.84 0.01 | 31.68 0.85 0.00 | 32.67 0.91 0.00 | 32.53 0.82 0.00 | 33.45 0.83 0.00 | 33.12 0.80 0.00 | 43.11 1.01 0.00 | 37.93 0.88 0.00 | 35.12 0.79 0.00 | 31.41 0.56 0.00 | 28.99 0.46 0.00 | 26.67 0.37 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 30.60 -0.15 0.00 | 29.93 -0.18 0.00 | 26.60 -0.09 0.00 | 23.80 -0.12 0.00 | 23.56 -0.11 0.00 | 23.02 -0.12 0.00 | 22.32 -0.13 0.00 | 22.55 -0.13 0.00 | 23.48 -0.19 0.00 | 25.38 -0.21 0.00 | 28.17 -0.35 0.00 | 27.54 -0.48 0.00 | 30.13 -0.54 0.00 | 30.27 -0.57 0.00 | 31.18 -0.59 0.00 | 31.31 -0.40 0.00 | 32.35 -0.27 0.00 | 32.06 -0.26 0.00 | 41.79 -0.31 0.00 | 36.83 -0.23 0.00 | 34.15 -0.18 0.00 | 30.75 -0.11 0.00 | 28.43 -0.10 0.00 | 26.13 -0.16 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 30.60 -0.15 0.00 | 29.93 -0.18 0.00 | 26.60 -0.09 0.00 | 23.80 -0.12 0.00 | 23.56 -0.11 0.00 | 23.02 -0.12 0.00 | 22.32 -0.13 0.00 | 22.55 -0.13 0.00 | 23.48 -0.19 0.00 | 25.38 -0.21 0.00 | 28.17 -0.35 0.00 | 27.54 -0.48 0.00 | 30.13 -0.54 0.00 | 30.27 -0.57 0.00 | 31.18 -0.59 0.00 | 31.31 -0.40 0.00 | 32.35 -0.27 0.00 | 32.06 -0.26 0.00 | 41.79 -0.31 0.00 | 36.83 -0.23 0.00 | 34.15 -0.18 0.00 | 30.75 -0.11 0.00 | 28.43 -0.10 0.00 | 26.13 -0.16 0.00 |
| ALCOA___DSASP 323711 | 30.60 -0.15 0.00 | 29.93 -0.18 0.00 | 26.60 -0.09 0.00 | 23.80 -0.12 0.00 | 23.56 -0.11 0.00 | 23.02 -0.12 0.00 | 22.32 -0.12 0.00 | 22.55 -0.13 0.00 | 23.48 -0.20 0.00 | 25.38 -0.21 0.00 | 28.17 -0.35 0.00 | 27.54 -0.48 0.00 | 30.13 -0.54 0.00 | 30.27 -0.57 0.00 | 31.18 -0.58 0.00 | 31.31 -0.40 0.00 | 32.35 -0.27 0.00 | 32.06 -0.26 0.00 | 41.79 -0.31 0.00 | 36.83 -0.23 0.00 | 34.15 -0.18 0.00 | 30.75 -0.11 0.00 | 28.43 -0.10 0.00 | 26.14 -0.16 0.00 |
| ALLEGHENY___COGEN 23514 | 31.91 1.15 0.00 | 31.31 1.19 0.00 | 27.79 1.11 0.00 | 24.87 0.95 0.00 | 24.63 0.96 0.00 | 24.17 1.03 0.00 | 23.35 0.90 0.00 | 23.38 0.70 0.00 | 24.16 0.48 0.00 | 26.22 0.62 0.00 | 29.45 0.92 0.00 | 28.99 0.97 0.00 | 31.90 1.23 0.00 | 32.06 1.22 0.00 | 32.83 1.07 0.00 | 32.73 1.02 0.00 | 33.57 0.95 0.00 | 33.43 1.10 0.00 | 43.53 1.43 0.00 | 38.73 1.67 0.00 | 36.48 2.15 0.00 | 33.36 2.51 0.00 | 30.94 2.40 0.00 | 28.47 2.17 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 31.60 0.85 0.00 | 30.99 0.87 0.00 | 27.34 0.66 0.00 | 24.59 0.67 0.00 | 24.32 0.65 0.00 | 23.76 0.63 0.00 | 23.05 0.61 0.00 | 23.31 0.63 0.00 | 24.36 0.68 0.00 | 26.24 0.65 0.00 | 29.52 0.72 -0.27 | 28.78 0.76 0.00 | 31.55 0.89 0.01 | 31.73 0.90 0.00 | 32.72 0.96 0.00 | 32.58 0.87 0.00 | 33.48 0.86 0.00 | 33.15 0.82 0.00 | 43.16 1.07 0.00 | 37.99 0.94 0.00 | 35.19 0.87 0.00 | 31.52 0.67 0.00 | 29.11 0.58 0.00 | 26.78 0.49 0.00 |
| ALTONA_WT_PWR 323606 | 31.07 0.32 0.00 | 30.09 -0.03 0.00 | 26.27 -0.42 0.00 | 23.43 -0.50 0.00 | 23.16 -0.51 0.00 | 22.66 -0.48 0.00 | 21.96 -0.48 0.00 | 22.17 -0.51 0.00 | 23.16 -0.53 0.00 | 25.12 -0.47 0.00 | 28.08 -0.45 0.00 | 27.22 -0.80 0.00 | 29.78 -0.89 0.00 | 29.75 -1.08 0.00 | 30.70 -1.07 0.00 | 31.29 -0.42 0.00 | 32.94 0.32 0.00 | 32.77 0.45 0.00 | 42.70 0.60 0.00 | 37.64 0.58 0.00 | 34.97 0.65 0.00 | 31.32 0.47 0.00 | 29.01 0.48 0.00 | 26.59 0.30 0.00 |
| AMERICAN_REF_FUEL 24010 | 29.97 -0.79 0.00 | 29.46 -0.65 0.00 | 26.23 -0.46 0.00 | 23.49 -0.43 0.00 | 23.33 -0.34 0.00 | 22.94 -0.20 0.00 | 22.10 -0.34 0.00 | 22.17 -0.51 0.00 | 23.20 -0.48 0.00 | 25.20 -0.39 0.00 | 28.48 -0.05 0.00 | 28.02 0.01 0.00 | 30.74 0.07 0.00 | 30.71 -0.12 0.00 | 31.42 -0.35 0.00 | 31.24 -0.47 0.00 | 31.91 -0.71 0.00 | 31.65 -0.68 0.00 | 40.95 -1.14 0.00 | 36.17 -0.88 0.00 | 33.48 -0.84 0.00 | 30.77 -0.09 0.00 | 28.80 0.27 0.00 | 26.71 0.41 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 31.13 0.37 0.00 | 30.67 0.56 0.00 | 27.30 0.61 0.00 | 24.44 0.51 0.00 | 24.27 0.59 0.00 | 23.83 0.69 0.00 | 23.07 0.63 0.00 | 23.22 0.53 0.00 | 24.37 0.69 0.00 | 26.54 0.95 0.00 | 29.86 1.33 0.00 | 29.40 1.38 0.00 | 32.35 1.68 0.00 | 32.48 1.65 0.00 | 33.27 1.51 0.00 | 33.09 1.38 0.00 | 33.85 1.23 0.00 | 33.62 1.30 0.00 | 43.74 1.64 0.00 | 38.48 1.43 0.00 | 35.56 1.24 0.00 | 32.40 1.55 0.00 | 30.17 1.64 0.00 | 27.83 1.53 0.00 |
| ARTHUR_KILL_GT_1 23520 | 34.75 1.95 -2.04 | 32.73 1.98 -0.64 | 28.18 1.50 0.00 | 25.21 1.29 0.00 | 24.90 1.23 0.00 | 24.26 1.13 0.00 | 23.63 1.19 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.21 1.61 0.00 | 31.68 1.92 -1.23 | 30.23 2.21 0.00 | 33.17 2.49 -0.01 | 33.03 2.46 0.27 | 34.33 2.57 0.01 | 34.25 2.54 0.00 | 35.02 2.39 -0.01 | 34.48 2.16 0.00 | 44.64 2.54 0.00 | 39.17 2.12 0.00 | 36.33 2.01 0.00 | 32.54 1.69 0.00 | 30.16 1.62 0.00 | 27.71 1.41 0.00 |
| ARTHUR_KILL_2 23512 | 34.64 1.84 -2.04 | 32.64 1.88 -0.64 | 28.10 1.41 0.00 | 25.14 1.21 0.00 | 24.83 1.16 0.00 | 24.20 1.06 0.00 | 23.57 1.13 0.00 | 23.89 1.21 0.00 | 25.05 1.37 0.00 | 27.12 1.53 0.00 | 31.59 1.83 -1.23 | 30.13 2.12 0.00 | 33.06 2.38 -0.01 | 32.91 2.35 0.27 | 34.21 2.45 0.01 | 34.13 2.41 0.00 | 34.88 2.25 -0.01 | 34.35 2.03 0.00 | 44.46 2.36 0.00 | 39.01 1.96 0.00 | 36.19 1.87 0.00 | 32.43 1.57 0.00 | 30.05 1.51 0.00 | 27.62 1.33 0.00 |
| ARTHUR_KILL_3 23513 | 34.60 1.93 -1.92 | 32.40 1.80 -0.48 | 28.11 1.43 0.00 | 25.15 1.23 0.00 | 24.84 1.17 0.00 | 24.26 1.12 0.00 | 23.61 1.17 0.00 | 23.94 1.26 0.00 | 25.10 1.42 0.00 | 27.19 1.60 0.00 | 31.60 1.84 -1.23 | 30.07 2.06 0.00 | 33.04 2.35 -0.01 | 32.95 2.39 0.27 | 34.24 2.48 0.00 | 34.09 2.38 0.00 | 34.85 2.22 -0.01 | 34.25 1.93 0.00 | 44.35 2.26 0.00 | 38.87 1.81 0.00 | 36.04 1.71 0.00 | 32.31 1.46 0.00 | 29.90 1.37 0.00 | 27.50 1.20 0.00 |
| ARTHUR_KILL_COGEN 323718 | 34.75 1.95 -2.04 | 32.73 1.98 -0.64 | 28.18 1.50 0.00 | 25.21 1.29 0.00 | 24.90 1.23 0.00 | 24.26 1.13 0.00 | 23.63 1.19 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.21 1.61 0.00 | 31.68 1.92 -1.23 | 30.23 2.21 0.00 | 33.17 2.49 -0.01 | 33.03 2.46 0.27 | 34.33 2.57 0.01 | 34.25 2.54 0.00 | 35.02 2.39 -0.01 | 34.48 2.16 0.00 | 44.64 2.54 0.00 | 39.17 2.12 0.00 | 36.33 2.01 0.00 | 32.54 1.69 0.00 | 30.16 1.62 0.00 | 27.71 1.41 0.00 |
| ASHOKAN____ 23654 | 32.10 1.34 0.00 | 31.41 1.30 0.00 | 27.59 0.91 0.00 | 24.81 0.88 0.00 | 24.52 0.85 0.00 | 23.95 0.81 0.00 | 23.25 0.81 0.00 | 23.55 0.87 0.00 | 24.62 0.94 0.00 | 26.47 0.88 0.00 | 29.57 1.04 0.00 | 29.15 1.13 0.00 | 31.97 1.30 0.00 | 32.12 1.29 0.00 | 33.32 1.56 0.00 | 33.18 1.47 0.00 | 34.06 1.44 0.00 | 33.90 1.58 0.00 | 44.22 2.12 0.00 | 39.00 1.94 0.00 | 36.11 1.78 0.00 | 32.26 1.41 0.00 | 29.64 1.11 0.00 | 27.13 0.84 0.00 |

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| ASTORIA_EAST_ENERGY_CC1 323581 | 32.81 2.05 0.00 | 32.05 1.94 0.00 | 28.24 1.55 0.00 | 25.23 1.31 0.00 | 24.91 1.23 0.00 | 24.26 1.13 0.00 | 23.60 1.15 0.00 | 23.94 1.25 0.00 | 25.11 1.43 0.00 | 27.15 1.56 0.00 | 31.55 1.79 -1.23 | 30.02 2.01 0.00 | 33.06 2.38 -0.01 | 33.26 2.42 0.00 | 34.33 2.57 0.00 | 34.19 2.47 0.00 | 34.93 2.31 0.00 | 34.35 2.02 0.00 | 44.41 2.32 0.00 | 38.91 1.86 0.00 | 36.13 1.80 0.00 | 32.40 1.54 0.00 | 29.95 1.42 0.00 | 27.57 1.27 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 32.81 2.05 0.00 | 32.05 1.94 0.00 | 28.24 1.55 0.00 | 25.23 1.31 0.00 | 24.91 1.23 0.00 | 24.26 1.13 0.00 | 23.60 1.15 0.00 | 23.94 1.25 0.00 | 25.11 1.43 0.00 | 27.15 1.56 0.00 | 31.55 1.79 -1.23 | 30.02 2.01 0.00 | 33.06 2.38 -0.01 | 33.26 2.42 0.00 | 34.33 2.57 0.00 | 34.19 2.47 0.00 | 34.93 2.31 0.00 | 34.35 2.02 0.00 | 44.41 2.32 0.00 | 38.91 1.86 0.00 | 36.13 1.80 0.00 | 32.40 1.54 0.00 | 29.95 1.42 0.00 | 27.57 1.27 0.00 |
| ASTORIA_GT2_1 24094 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT2_2 24095 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT2_3 24096 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT2_4 24097 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT3_1 24098 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT3_2 24099 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT3_3 24100 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT3_4 24101 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT4_1 24102 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT4_2 24103 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT4_3 24104 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT4_4 24105 | 32.82 2.06 0.00 | 32.07 1.96 0.00 | 28.26 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.32 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA_GT_1 23523 | 32.90 2.14 0.00 | 32.14 2.02 0.00 | 28.31 1.62 0.00 | 25.29 1.37 0.00 | 24.97 1.30 0.00 | 24.32 1.18 0.00 | 23.66 1.21 0.00 | 24.00 1.32 0.00 | 25.17 1.49 0.00 | 27.22 1.63 0.00 | 31.63 1.87 -1.23 | 30.11 2.09 0.00 | 33.15 2.46 -0.01 | 33.35 2.51 0.00 | 34.43 2.67 0.00 | 34.29 2.57 0.00 | 35.03 2.41 0.00 | 34.45 2.12 0.00 | 44.53 2.44 0.00 | 39.02 1.96 0.00 | 36.22 1.90 0.00 | 32.48 1.63 0.00 | 30.03 1.50 0.00 | 27.64 1.35 0.00 |

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| ASTORIA_GT_10 24110 | 32.81 2.06 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.93 1.26 0.00 | 24.33 1.20 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.21 1.53 0.00 | 27.29 1.69 0.00 | 31.75 1.99 -1.23 | 30.20 2.19 0.00 | 33.17 2.49 -0.01 | 33.37 2.53 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 34.96 2.33 0.00 | 34.39 2.07 0.00 | 44.49 2.40 0.00 | 39.01 1.95 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.62 1.33 0.00 |
| ASTORIA_GT_11 24225 | 32.81 2.06 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.93 1.26 0.00 | 24.33 1.20 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.21 1.53 0.00 | 27.29 1.69 0.00 | 31.75 1.99 -1.23 | 30.20 2.19 0.00 | 33.17 2.49 -0.01 | 33.37 2.53 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 34.96 2.33 0.00 | 34.39 2.07 0.00 | 44.49 2.40 0.00 | 39.01 1.95 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.62 1.33 0.00 |
| ASTORIA_GT_12 24226 | 32.81 2.06 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.93 1.26 0.00 | 24.33 1.20 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.21 1.53 0.00 | 27.29 1.69 0.00 | 31.75 1.99 -1.23 | 30.20 2.19 0.00 | 33.17 2.49 -0.01 | 33.37 2.53 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 34.96 2.33 0.00 | 34.39 2.07 0.00 | 44.49 2.40 0.00 | 39.01 1.95 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.62 1.33 0.00 |
| ASTORIA_GT_13 24227 | 32.81 2.06 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.93 1.26 0.00 | 24.33 1.20 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.21 1.53 0.00 | 27.29 1.69 0.00 | 31.75 1.99 -1.23 | 30.20 2.19 0.00 | 33.17 2.49 -0.01 | 33.37 2.53 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 34.96 2.33 0.00 | 34.39 2.07 0.00 | 44.49 2.40 0.00 | 39.01 1.95 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.62 1.33 0.00 |
| ASTORIA_GT_5 24106 | 32.90 2.14 0.00 | 32.14 2.02 0.00 | 28.31 1.62 0.00 | 25.29 1.37 0.00 | 24.97 1.30 0.00 | 24.32 1.18 0.00 | 23.66 1.21 0.00 | 24.00 1.32 0.00 | 25.17 1.49 0.00 | 27.22 1.63 0.00 | 31.63 1.87 -1.23 | 30.11 2.09 0.00 | 33.15 2.46 -0.01 | 33.35 2.51 0.00 | 34.43 2.67 0.00 | 34.29 2.57 0.00 | 35.03 2.41 0.00 | 34.45 2.12 0.00 | 44.53 2.44 0.00 | 39.02 1.96 0.00 | 36.22 1.90 0.00 | 32.48 1.63 0.00 | 30.03 1.50 0.00 | 27.64 1.35 0.00 |
| ASTORIA_GT_7 24107 | 32.90 2.14 0.00 | 32.14 2.02 0.00 | 28.31 1.62 0.00 | 25.29 1.37 0.00 | 24.97 1.30 0.00 | 24.32 1.18 0.00 | 23.66 1.21 0.00 | 24.00 1.32 0.00 | 25.17 1.49 0.00 | 27.22 1.63 0.00 | 31.63 1.87 -1.23 | 30.11 2.09 0.00 | 33.15 2.46 -0.01 | 33.35 2.51 0.00 | 34.43 2.67 0.00 | 34.29 2.57 0.00 | 35.03 2.41 0.00 | 34.45 2.12 0.00 | 44.53 2.44 0.00 | 39.02 1.96 0.00 | 36.22 1.90 0.00 | 32.48 1.63 0.00 | 30.03 1.50 0.00 | 27.64 1.35 0.00 |
| ASTORIA_GT_8 24108 | 32.90 2.14 0.00 | 32.14 2.02 0.00 | 28.31 1.63 0.00 | 25.29 1.37 0.00 | 24.97 1.30 0.00 | 24.32 1.18 0.00 | 23.66 1.21 0.00 | 24.00 1.32 0.00 | 25.17 1.49 0.00 | 27.22 1.63 0.00 | 31.64 1.88 -1.23 | 30.11 2.09 0.00 | 33.15 2.47 -0.01 | 33.35 2.51 0.00 | 34.43 2.67 0.00 | 34.29 2.57 0.00 | 35.03 2.41 0.00 | 34.45 2.12 0.00 | 44.54 2.44 0.00 | 39.02 1.96 0.00 | 36.22 1.90 0.00 | 32.48 1.63 0.00 | 30.03 1.50 0.00 | 27.64 1.35 0.00 |
| ASTORIA___2 24149 | 32.82 2.07 0.00 | 32.07 1.96 0.00 | 28.25 1.57 0.00 | 25.24 1.32 0.00 | 24.92 1.25 0.00 | 24.27 1.14 0.00 | 23.61 1.17 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.16 1.57 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.36 2.60 0.00 | 34.20 2.49 0.00 | 34.95 2.33 0.00 | 34.36 2.04 0.00 | 44.44 2.35 0.00 | 38.93 1.88 0.00 | 36.14 1.82 0.00 | 32.41 1.56 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| ASTORIA___3 23516 | 32.82 2.06 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.24 1.32 0.00 | 24.93 1.26 0.00 | 24.33 1.20 0.00 | 23.70 1.25 0.00 | 24.03 1.34 0.00 | 25.20 1.52 0.00 | 27.29 1.69 0.00 | 31.75 1.99 -1.23 | 30.20 2.19 0.00 | 33.18 2.50 -0.01 | 33.37 2.53 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 34.96 2.34 0.00 | 34.39 2.07 0.00 | 44.49 2.40 0.00 | 39.01 1.95 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.62 1.33 0.00 |
| ASTORIA___4 23517 | 32.81 2.06 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.24 1.32 0.00 | 24.93 1.26 0.00 | 24.33 1.20 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.21 1.53 0.00 | 27.29 1.69 0.00 | 31.75 1.99 -1.23 | 30.20 2.19 0.00 | 33.17 2.49 -0.01 | 33.37 2.53 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 34.96 2.33 0.00 | 34.39 2.07 0.00 | 44.49 2.40 0.00 | 39.01 1.95 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.62 1.33 0.00 |
| ASTORIA___5 23518 | 32.82 2.06 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.24 1.32 0.00 | 24.93 1.26 0.00 | 24.33 1.20 0.00 | 23.70 1.25 0.00 | 24.03 1.34 0.00 | 25.20 1.52 0.00 | 27.29 1.69 0.00 | 31.75 1.99 -1.23 | 30.20 2.19 0.00 | 33.18 2.50 -0.01 | 33.37 2.53 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 34.96 2.34 0.00 | 34.39 2.07 0.00 | 44.49 2.40 0.00 | 39.01 1.95 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.62 1.33 0.00 |
| AST_ENERGY_2_CC3 323677 | 32.82 2.07 0.00 | 32.07 1.95 0.00 | 28.20 1.52 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.32 1.19 0.00 | 23.69 1.25 0.00 | 24.02 1.34 0.00 | 25.19 1.51 0.00 | 27.27 1.68 0.00 | 31.71 1.95 -1.23 | 30.17 2.15 0.00 | 33.14 2.46 -0.01 | 33.35 2.52 0.00 | 34.35 2.59 0.00 | 34.20 2.48 0.00 | 34.95 2.33 0.00 | 34.37 2.05 0.00 | 44.52 2.42 0.00 | 39.01 1.95 0.00 | 36.16 1.84 0.00 | 32.42 1.57 0.00 | 29.99 1.46 0.00 | 27.59 1.29 0.00 |
| AST_ENERGY_2_CC4 323678 | 32.82 2.07 0.00 | 32.07 1.95 0.00 | 28.20 1.52 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.32 1.19 0.00 | 23.69 1.25 0.00 | 24.02 1.34 0.00 | 25.19 1.51 0.00 | 27.27 1.68 0.00 | 31.71 1.95 -1.23 | 30.17 2.15 0.00 | 33.14 2.46 -0.01 | 33.35 2.52 0.00 | 34.35 2.59 0.00 | 34.20 2.48 0.00 | 34.95 2.33 0.00 | 34.37 2.05 0.00 | 44.52 2.42 0.00 | 39.01 1.95 0.00 | 36.16 1.84 0.00 | 32.42 1.57 0.00 | 29.99 1.46 0.00 | 27.59 1.29 0.00 |
| ATHENS_STG_1 23668 | 31.76 1.01 0.00 | 31.11 0.99 0.00 | 27.45 0.76 0.00 | 24.65 0.73 0.00 | 24.39 0.72 0.00 | 23.83 0.69 0.00 | 23.14 0.70 0.00 | 23.40 0.72 0.00 | 24.47 0.79 0.00 | 26.41 0.82 0.00 | 29.79 0.94 -0.33 | 29.03 1.02 0.00 | 31.84 1.17 0.00 | 32.03 1.20 0.00 | 33.01 1.25 0.00 | 32.89 1.18 0.00 | 33.75 1.13 0.00 | 33.35 1.03 0.00 | 43.36 1.26 0.00 | 38.11 1.06 0.00 | 35.31 0.98 0.00 | 31.62 0.77 0.00 | 29.21 0.68 0.00 | 26.88 0.58 0.00 |
| ATHENS_STG_2 23670 | 31.76 1.01 0.00 | 31.11 0.99 0.00 | 27.45 0.76 0.00 | 24.65 0.73 0.00 | 24.39 0.72 0.00 | 23.83 0.69 0.00 | 23.14 0.70 0.00 | 23.40 0.72 0.00 | 24.47 0.79 0.00 | 26.41 0.82 0.00 | 29.79 0.94 -0.33 | 29.03 1.02 0.00 | 31.84 1.17 0.00 | 32.03 1.20 0.00 | 33.01 1.25 0.00 | 32.89 1.18 0.00 | 33.75 1.13 0.00 | 33.35 1.03 0.00 | 43.36 1.26 0.00 | 38.11 1.06 0.00 | 35.31 0.98 0.00 | 31.62 0.77 0.00 | 29.21 0.68 0.00 | 26.88 0.58 0.00 |

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|---------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ATHENS_STG_3 23677 | 31.76 1.01 0.00 | 31.11 0.99 0.00 | 27.45 0.76 0.00 | 24.65 0.73 0.00 | 24.39 0.72 0.00 | 23.83 0.69 0.00 | 23.14 0.70 0.00 | 23.40 0.72 0.00 | 24.47 0.79 0.00 | 26.41 0.82 0.00 | 29.79 0.94 -0.33 | 29.03 1.02 0.00 | 31.84 1.17 0.00 | 32.03 1.20 0.00 | 33.01 1.25 0.00 | 32.89 1.18 0.00 | 33.75 1.13 0.00 | 33.35 1.03 0.00 | 43.36 1.26 0.00 | 38.11 1.06 0.00 | 35.31 0.98 0.00 | 31.62 0.77 0.00 | 29.21 0.68 0.00 | 26.88 0.58 0.00 |
| AUBURN____LFGE 323710 | 31.18 0.42 0.00 | 30.39 0.27 0.00 | 26.99 0.31 0.00 | 24.12 0.20 0.00 | 23.94 0.27 0.00 | 23.37 0.24 0.00 | 22.73 0.28 0.00 | 22.97 0.28 0.00 | 24.06 0.38 0.00 | 25.93 0.34 0.00 | 29.04 0.51 0.00 | 28.58 0.56 0.00 | 31.30 0.64 0.00 | 31.38 0.54 0.00 | 32.27 0.51 0.00 | 32.31 0.60 0.00 | 33.23 0.60 0.00 | 33.06 0.73 0.00 | 42.90 0.80 0.00 | 37.92 0.86 0.00 | 35.13 0.81 0.00 | 31.69 0.84 0.00 | 29.16 0.62 0.00 | 26.98 0.69 0.00 |
| BABYLON_RES_REC 323704 | 33.52 2.76 0.00 | 32.80 2.69 0.00 | 28.76 2.08 0.00 | 25.53 1.61 0.00 | 25.18 1.51 0.00 | 24.55 1.41 0.00 | 24.06 1.62 0.00 | 24.40 1.71 0.00 | 25.67 1.98 0.00 | 27.79 2.18 -0.02 | 32.32 2.55 -1.25 | 30.66 2.65 0.00 | 33.49 2.81 -0.01 | 33.70 2.87 0.00 | 34.76 3.00 0.00 | 34.72 3.00 -0.01 | 37.16 2.95 -1.58 | 35.92 2.84 -0.75 | 47.67 3.02 -2.55 | 39.39 2.34 0.00 | 36.58 2.25 0.00 | 32.69 1.83 0.00 | 30.30 1.77 0.00 | 27.91 1.62 0.00 |
| BABYLON__69_KV_BK2 356345 | 33.92 3.17 0.00 | 33.19 3.08 0.00 | 29.09 2.41 0.00 | 25.80 1.88 0.00 | 25.44 1.77 0.00 | 24.79 1.66 0.00 | 24.34 1.89 0.00 | 24.68 2.00 0.00 | 26.00 2.32 0.00 | 28.16 2.54 -0.02 | 32.75 2.98 -1.25 | 31.11 3.09 0.00 | 34.00 3.32 -0.01 | 34.23 3.40 0.00 | 35.31 3.55 0.00 | 35.30 3.56 -0.03 | 40.68 3.55 -4.51 | 37.84 3.44 -2.09 | 52.88 3.73 -7.05 | 39.98 2.92 0.00 | 37.10 2.78 0.00 | 33.16 2.30 0.00 | 30.71 2.18 0.00 | 28.28 1.98 0.00 |
| BARON_WINDS____WT_PWR 323822 | 30.59 -0.16 0.00 | 30.18 0.07 0.00 | 26.85 0.17 0.00 | 24.07 0.15 0.00 | 23.84 0.17 0.00 | 23.32 0.18 0.00 | 22.55 0.11 0.00 | 22.69 0.01 0.00 | 23.88 0.19 0.00 | 25.95 0.36 0.00 | 28.98 0.45 0.00 | 28.45 0.43 0.00 | 31.28 0.62 0.00 | 31.38 0.55 0.00 | 32.22 0.46 0.00 | 32.21 0.50 0.00 | 32.95 0.33 0.00 | 32.73 0.41 0.00 | 42.74 0.65 0.00 | 37.69 0.64 0.00 | 34.98 0.65 0.00 | 31.69 0.84 0.00 | 29.41 0.88 0.00 | 27.11 0.81 0.00 |
| BARRETT_IC_1 23704 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_10 23701 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_11 23702 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_12 23703 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_2 23705 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_3 23706 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_4 23707 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_5 23708 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_6 23709 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_7 23710 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.81 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.39 1.71 0.00 | 27.51 1.90 -0.02 | 31.92 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.24 2.40 0.00 | 34.29 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.42 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.52 1.23 0.00 |

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| BARRETT_IC_8 23711 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT_IC_9 23700 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT___1 23545 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BARRETT___2 23546 | 33.18 2.43 0.00 | 32.47 2.35 0.00 | 28.49 1.80 0.00 | 25.35 1.43 0.00 | 25.02 1.35 0.00 | 24.39 1.25 0.00 | 23.83 1.39 0.00 | 24.15 1.46 0.00 | 25.38 1.70 0.00 | 27.51 1.90 -0.02 | 31.93 2.16 -1.25 | 30.26 2.24 0.00 | 33.02 2.34 -0.01 | 33.23 2.40 0.00 | 34.28 2.52 0.00 | 34.17 2.46 0.00 | 35.00 2.38 0.00 | 34.50 2.18 0.00 | 44.41 2.32 0.00 | 38.85 1.79 0.00 | 36.04 1.72 0.00 | 32.26 1.40 0.00 | 29.86 1.33 0.00 | 27.53 1.23 0.00 |
| BATAVIA___115KV_TB1 55881 | 31.28 0.52 0.00 | 30.65 0.54 0.00 | 27.24 0.55 0.00 | 24.37 0.45 0.00 | 24.17 0.50 0.00 | 23.76 0.62 0.00 | 22.93 0.49 0.00 | 23.03 0.35 0.00 | 24.09 0.41 0.00 | 26.15 0.56 0.00 | 29.52 0.99 0.00 | 29.08 1.06 0.00 | 31.98 1.31 0.00 | 32.09 1.26 0.00 | 32.89 1.13 0.00 | 32.67 0.96 0.00 | 33.45 0.83 0.00 | 33.31 0.99 0.00 | 43.28 1.18 0.00 | 38.32 1.27 0.00 | 35.47 1.15 0.00 | 32.41 1.55 0.00 | 30.19 1.66 0.00 | 27.86 1.56 0.00 |
| BAYONEEC___CTG1 323682 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |
| BAYONEEC___CTG10 323750 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |
| BAYONEEC___CTG2 323683 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |
| BAYONEEC___CTG3 323684 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |
| BAYONEEC___CTG4 323685 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |
| BAYONEEC___CTG5 323686 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |
| BAYONEEC___CTG6 323687 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |
| BAYONEEC___CTG7 323688 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |
| BAYONEEC___CTG8 323689 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |
| BAYONEEC___CTG9 323749 | 32.81 2.06 0.00 | 32.05 1.94 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.19 1.51 0.00 | 27.28 1.69 0.00 | 31.72 1.96 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.24 2.53 0.00 | 34.99 2.36 0.00 | 34.39 2.07 0.00 | 44.54 2.44 0.00 | 39.02 1.97 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.03 1.50 0.00 | 27.62 1.32 0.00 |

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|---|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| BEACON___LESR 323632 | 31.65 0.90 0.00 | 30.99 0.88 0.00 | 27.32 0.64 0.00 | 24.56 0.64 0.00 | 24.30 0.62 0.00 | 23.75 0.61 0.00 | 23.05 0.61 0.00 | 23.36 0.68 0.00 | 24.39 0.71 0.00 | 26.28 0.69 0.00 | 29.61 0.80 -0.28 | 28.86 0.84 0.00 | 31.68 1.03 0.01 | 31.91 1.08 0.00 | 32.88 1.12 0.00 | 32.77 1.06 0.00 | 33.71 1.09 0.00 | 33.42 1.10 0.00 | 43.47 1.37 0.00 | 38.21 1.15 0.00 | 35.33 1.01 0.00 | 31.64 0.79 0.00 | 29.15 0.62 0.00 | 26.80 0.51 0.00 |
| BEAVER RIVER___HYD 24048 | 31.17 0.42 0.00 | 30.40 0.28 0.00 | 26.76 0.07 0.00 | 23.88 -0.04 0.00 | 23.48 -0.19 0.00 | 22.83 -0.31 0.00 | 22.08 -0.36 0.00 | 22.29 -0.40 0.00 | 23.33 -0.35 0.00 | 25.04 -0.55 0.00 | 27.64 -0.88 0.00 | 26.96 -1.05 0.00 | 29.51 -1.16 0.00 | 29.95 -0.88 0.00 | 31.03 -0.73 0.00 | 31.09 -0.63 0.00 | 32.17 -0.46 0.00 | 32.23 -0.09 0.00 | 42.63 0.53 0.00 | 37.90 0.84 0.00 | 35.12 0.80 0.00 | 31.33 0.48 0.00 | 28.83 0.30 0.00 | 26.56 0.27 0.00 |
| BEEBEE_GT_13 23619 | 30.85 0.09 0.00 | 30.21 0.10 0.00 | 26.81 0.12 0.00 | 24.01 0.08 0.00 | 23.80 0.13 0.00 | 23.34 0.21 0.00 | 22.57 0.12 0.00 | 22.73 0.05 0.00 | 23.83 0.15 0.00 | 25.93 0.34 0.00 | 29.24 0.72 0.00 | 28.86 0.84 0.00 | 31.72 1.05 0.00 | 31.81 0.98 0.00 | 32.62 0.86 0.00 | 32.47 0.75 0.00 | 33.33 0.70 0.00 | 33.09 0.77 0.00 | 43.04 0.94 0.00 | 37.93 0.87 0.00 | 35.04 0.72 0.00 | 31.86 1.01 0.00 | 29.62 1.09 0.00 | 27.33 1.03 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 36.01 2.41 -2.84 | 33.16 2.33 -0.72 | 28.52 1.83 0.00 | 25.50 1.57 0.00 | 25.17 1.50 0.00 | 24.56 1.43 0.00 | 23.92 1.48 0.00 | 24.26 1.57 0.00 | 25.45 1.77 0.00 | 27.57 1.98 0.00 | 32.09 2.33 -1.23 | 30.58 2.56 0.00 | 33.59 2.91 -0.02 | 33.77 2.93 0.00 | 34.84 3.08 0.00 | 34.69 2.98 0.00 | 35.40 2.77 -0.01 | 34.85 2.53 0.00 | 45.11 3.01 0.00 | 39.57 2.51 0.00 | 36.70 2.38 0.00 | 32.88 2.03 0.00 | 30.42 1.89 0.00 | 27.98 1.68 0.00 |
| BETHLEHEM___GRP 23843 | 31.16 0.40 0.00 | 30.59 0.47 0.00 | 26.98 0.29 0.00 | 24.28 0.36 0.00 | 24.01 0.33 0.00 | 23.46 0.32 0.00 | 22.75 0.30 0.00 | 23.00 0.32 0.00 | 24.04 0.36 0.00 | 25.88 0.29 0.00 | 29.13 0.32 -0.28 | 28.38 0.36 0.00 | 31.12 0.47 0.01 | 31.31 0.47 0.00 | 32.28 0.52 0.00 | 32.14 0.43 0.00 | 33.05 0.42 0.00 | 32.70 0.38 0.00 | 42.57 0.47 0.00 | 37.46 0.41 0.00 | 34.68 0.36 0.00 | 31.04 0.19 0.00 | 28.65 0.11 0.00 | 26.36 0.07 0.00 |
| BETHLEHEM___GS1 323560 | 31.16 0.40 0.00 | 30.59 0.47 0.00 | 26.98 0.29 0.00 | 24.28 0.36 0.00 | 24.01 0.33 0.00 | 23.46 0.32 0.00 | 22.75 0.31 0.00 | 23.00 0.32 0.00 | 24.04 0.36 0.00 | 25.88 0.29 0.00 | 29.13 0.33 -0.28 | 28.38 0.36 0.00 | 31.12 0.47 0.01 | 31.30 0.47 0.00 | 32.28 0.52 0.00 | 32.14 0.42 0.00 | 33.05 0.42 0.00 | 32.70 0.38 0.00 | 42.57 0.48 0.00 | 37.46 0.41 0.00 | 34.68 0.36 0.00 | 31.04 0.19 0.00 | 28.65 0.12 0.00 | 26.36 0.07 0.00 |
| BETHLEHEM___GS2 323561 | 31.16 0.40 0.00 | 30.59 0.47 0.00 | 26.98 0.29 0.00 | 24.28 0.36 0.00 | 24.01 0.33 0.00 | 23.46 0.32 0.00 | 22.75 0.31 0.00 | 23.00 0.32 0.00 | 24.04 0.36 0.00 | 25.88 0.29 0.00 | 29.13 0.33 -0.28 | 28.38 0.36 0.00 | 31.12 0.47 0.01 | 31.30 0.47 0.00 | 32.28 0.52 0.00 | 32.14 0.42 0.00 | 33.05 0.42 0.00 | 32.70 0.38 0.00 | 42.57 0.48 0.00 | 37.46 0.41 0.00 | 34.68 0.36 0.00 | 31.04 0.19 0.00 | 28.65 0.12 0.00 | 26.36 0.07 0.00 |
| BETHLEHEM___GS3 323562 | 31.16 0.40 0.00 | 30.59 0.47 0.00 | 26.98 0.29 0.00 | 24.28 0.36 0.00 | 24.01 0.33 0.00 | 23.46 0.32 0.00 | 22.75 0.31 0.00 | 23.00 0.32 0.00 | 24.04 0.36 0.00 | 25.88 0.29 0.00 | 29.13 0.33 -0.28 | 28.38 0.36 0.00 | 31.12 0.47 0.01 | 31.30 0.47 0.00 | 32.28 0.52 0.00 | 32.14 0.42 0.00 | 33.05 0.42 0.00 | 32.70 0.38 0.00 | 42.57 0.48 0.00 | 37.46 0.41 0.00 | 34.68 0.36 0.00 | 31.04 0.19 0.00 | 28.65 0.12 0.00 | 26.36 0.07 0.00 |
| BETHLEHEM___STEEL 23779 | 30.77 0.02 0.00 | 30.25 0.14 0.00 | 26.90 0.21 0.00 | 24.09 0.16 0.00 | 23.91 0.24 0.00 | 23.49 0.35 0.00 | 22.68 0.24 0.00 | 22.78 0.10 0.00 | 23.87 0.19 0.00 | 25.97 0.38 0.00 | 29.31 0.79 0.00 | 28.84 0.82 0.00 | 31.68 1.02 0.00 | 31.71 0.88 0.00 | 32.47 0.71 0.00 | 32.31 0.60 0.00 | 33.04 0.42 0.00 | 32.79 0.47 0.00 | 42.53 0.43 0.00 | 37.49 0.43 0.00 | 34.66 0.34 0.00 | 31.72 0.87 0.00 | 29.62 1.09 0.00 | 27.38 1.08 0.00 |
| BETHLHEM_115KV_TB1 79974 | 31.26 0.51 0.00 | 30.67 0.56 0.00 | 27.06 0.37 0.00 | 24.35 0.43 0.00 | 24.07 0.40 0.00 | 23.52 0.38 0.00 | 22.81 0.37 0.00 | 23.07 0.39 0.00 | 24.11 0.43 0.00 | 25.96 0.37 0.00 | 29.22 0.41 -0.28 | 28.47 0.46 0.00 | 31.22 0.57 0.01 | 31.40 0.57 0.00 | 32.39 0.63 0.00 | 32.23 0.52 0.00 | 33.15 0.52 0.00 | 32.80 0.48 0.00 | 42.70 0.60 0.00 | 37.57 0.52 0.00 | 34.78 0.46 0.00 | 31.14 0.29 0.00 | 28.75 0.22 0.00 | 26.45 0.15 0.00 |
| BETHPAGE_CC_5 323564 | 33.43 2.67 0.00 | 32.71 2.59 0.00 | 28.68 2.00 0.00 | 25.50 1.57 0.00 | 25.14 1.47 0.00 | 24.52 1.38 0.00 | 24.00 1.56 0.00 | 24.34 1.66 0.00 | 25.61 1.93 0.00 | 27.76 2.15 -0.02 | 32.28 2.52 -1.25 | 30.65 2.64 0.00 | 33.51 2.83 -0.01 | 33.68 2.85 0.00 | 34.74 2.98 0.00 | 34.64 2.93 0.00 | 36.24 2.86 -0.75 | 35.42 2.70 -0.39 | 46.35 2.89 -1.36 | 39.30 2.24 0.00 | 36.48 2.16 0.00 | 32.60 1.75 0.00 | 30.21 1.68 0.00 | 27.82 1.53 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 30.85 0.09 0.00 | 30.32 0.20 0.00 | 26.96 0.28 0.00 | 24.13 0.21 0.00 | 23.96 0.29 0.00 | 23.53 0.40 0.00 | 22.73 0.29 0.00 | 22.84 0.16 0.00 | 23.93 0.25 0.00 | 26.05 0.45 0.00 | 29.40 0.87 0.00 | 28.92 0.91 0.00 | 31.78 1.11 0.00 | 31.81 0.98 0.00 | 32.57 0.81 0.00 | 32.43 0.72 0.00 | 33.17 0.55 0.00 | 32.92 0.59 0.00 | 42.69 0.60 0.00 | 37.62 0.57 0.00 | 34.78 0.46 0.00 | 31.81 0.96 0.00 | 29.69 1.16 0.00 | 27.43 1.14 0.00 |
| BINGHAMTON___COGEN 23790 | 30.95 0.19 0.00 | 30.34 0.23 0.00 | 26.86 0.17 0.00 | 24.07 0.15 0.00 | 23.86 0.19 0.00 | 23.34 0.20 0.00 | 22.66 0.22 0.00 | 22.88 0.20 0.00 | 23.97 0.29 0.00 | 25.98 0.39 0.00 | 29.02 0.49 0.00 | 28.54 0.52 0.00 | 31.30 0.63 0.00 | 31.48 0.65 0.00 | 32.37 0.61 0.00 | 32.29 0.58 0.00 | 33.14 0.52 0.00 | 32.85 0.53 0.00 | 42.83 0.74 0.00 | 37.65 0.60 0.00 | 34.89 0.57 0.00 | 31.41 0.56 0.00 | 29.06 0.53 0.00 | 26.76 0.46 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 30.98 0.23 0.00 | 30.50 0.38 0.00 | 27.13 0.45 0.00 | 24.29 0.36 0.00 | 24.09 0.41 0.00 | 23.65 0.51 0.00 | 22.88 0.44 0.00 | 23.01 0.33 0.00 | 24.13 0.45 0.00 | 26.24 0.65 0.00 | 29.49 0.96 0.00 | 28.91 0.89 0.00 | 31.76 1.09 0.00 | 31.81 0.98 0.00 | 32.60 0.84 0.00 | 32.48 0.77 0.00 | 33.24 0.62 0.00 | 32.97 0.65 0.00 | 42.86 0.76 0.00 | 37.77 0.72 0.00 | 34.95 0.62 0.00 | 31.88 1.03 0.00 | 29.68 1.15 0.00 | 27.40 1.10 0.00 |
| BLACK RIVER___HYD 24047 | 31.44 0.68 0.00 | 30.65 0.54 0.00 | 26.95 0.26 0.00 | 24.04 0.11 0.00 | 23.63 -0.05 0.00 | 22.95 -0.19 0.00 | 22.19 -0.26 0.00 | 22.40 -0.28 0.00 | 23.39 -0.29 0.00 | 25.10 -0.49 0.00 | 27.71 -0.81 0.00 | 27.02 -0.99 0.00 | 29.59 -1.08 0.00 | 30.10 -0.74 0.00 | 31.18 -0.58 0.00 | 31.20 -0.51 0.00 | 32.34 -0.28 0.00 | 32.48 0.16 0.00 | 43.08 0.98 0.00 | 38.41 1.36 0.00 | 35.63 1.31 0.00 | 31.63 0.78 0.00 | 29.09 0.56 0.00 | 26.77 0.48 0.00 |

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| BLACKRVR_115KV_TB2 79977 | 31.44 0.68 0.00 | 30.65 0.54 0.00 | 26.95 0.26 0.00 | 24.04 0.11 0.00 | 23.63 -0.05 0.00 | 22.95 -0.19 0.00 | 22.19 -0.26 0.00 | 22.40 -0.28 0.00 | 23.39 -0.29 0.00 | 25.10 -0.49 0.00 | 27.71 -0.81 0.00 | 27.02 -0.99 0.00 | 29.59 -1.08 0.00 | 30.10 -0.74 0.00 | 31.18 -0.58 0.00 | 31.20 -0.51 0.00 | 32.34 -0.28 0.00 | 32.48 0.16 0.00 | 43.08 0.98 0.00 | 38.41 1.36 0.00 | 35.63 1.31 0.00 | 31.63 0.78 0.00 | 29.09 0.56 0.00 | 26.77 0.47 0.00 |
| BLISS_WT_PWR 323608 | 30.96 0.21 0.00 | 30.50 0.38 0.00 | 27.13 0.45 0.00 | 24.29 0.36 0.00 | 24.09 0.42 0.00 | 23.65 0.51 0.00 | 22.88 0.43 0.00 | 23.01 0.33 0.00 | 24.14 0.46 0.00 | 26.23 0.64 0.00 | 29.46 0.93 0.00 | 28.87 0.85 0.00 | 31.71 1.04 0.00 | 31.76 0.93 0.00 | 32.56 0.79 0.00 | 32.46 0.75 0.00 | 33.24 0.61 0.00 | 32.96 0.64 0.00 | 42.86 0.76 0.00 | 37.77 0.72 0.00 | 34.96 0.63 0.00 | 31.88 1.03 0.00 | 29.66 1.13 0.00 | 27.38 1.08 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 31.61 0.86 0.00 | 31.04 0.92 0.00 | 27.39 0.70 0.00 | 24.65 0.72 0.00 | 24.38 0.71 0.00 | 23.83 0.69 0.00 | 23.12 0.67 0.00 | 23.36 0.68 0.00 | 24.39 0.71 0.00 | 26.23 0.64 0.00 | 29.52 0.73 -0.26 | 28.77 0.76 0.00 | 31.54 0.88 0.01 | 31.71 0.88 0.00 | 32.69 0.93 0.00 | 32.56 0.84 0.00 | 33.48 0.85 0.00 | 33.16 0.83 0.00 | 43.19 1.09 0.00 | 38.03 0.98 0.00 | 35.22 0.90 0.00 | 31.55 0.70 0.00 | 29.12 0.59 0.00 | 26.80 0.50 0.00 |
| BOC_GAS_DRP 24189 | 31.47 0.72 0.00 | 30.86 0.75 0.00 | 27.24 0.55 0.00 | 24.50 0.58 0.00 | 24.23 0.55 0.00 | 23.67 0.53 0.00 | 22.98 0.53 0.00 | 23.22 0.54 0.00 | 24.27 0.59 0.00 | 26.15 0.56 0.00 | 29.43 0.63 -0.28 | 28.70 0.68 0.00 | 31.46 0.80 0.01 | 31.64 0.81 0.00 | 32.62 0.86 0.00 | 32.49 0.78 0.00 | 33.38 0.75 0.00 | 33.02 0.70 0.00 | 42.96 0.87 0.00 | 37.80 0.75 0.00 | 35.01 0.69 0.00 | 31.36 0.51 0.00 | 28.97 0.44 0.00 | 26.66 0.36 0.00 |
| BOONVILLE_115KV_TB1 79983 | 31.43 0.68 0.00 | 30.71 0.59 0.00 | 27.09 0.41 0.00 | 24.24 0.32 0.00 | 23.90 0.23 0.00 | 23.31 0.17 0.00 | 22.58 0.14 0.00 | 22.82 0.14 0.00 | 23.90 0.22 0.00 | 25.77 0.18 0.00 | 28.60 0.07 0.00 | 28.02 0.01 0.00 | 30.65 -0.02 0.00 | 30.97 0.13 0.00 | 31.98 0.22 0.00 | 31.97 0.26 0.00 | 32.96 0.34 0.00 | 32.87 0.55 0.00 | 43.16 1.07 0.00 | 38.17 1.12 0.00 | 35.35 1.02 0.00 | 31.66 0.81 0.00 | 29.18 0.65 0.00 | 26.88 0.58 0.00 |
| BORALEX_4TH_BRANCH 23824 | 32.08 1.32 0.00 | 31.74 1.63 0.00 | 27.96 1.27 0.00 | 25.24 1.31 0.00 | 24.92 1.24 0.00 | 24.34 1.20 0.00 | 23.57 1.13 0.00 | 23.83 1.14 0.00 | 24.89 1.21 0.00 | 26.67 1.07 0.00 | 29.89 1.05 -0.31 | 29.04 1.02 0.00 | 31.80 1.17 0.03 | 31.95 1.11 0.00 | 32.90 1.14 0.00 | 32.66 0.95 0.00 | 33.60 0.98 0.00 | 33.22 0.90 0.00 | 43.36 1.26 0.00 | 38.30 1.25 0.00 | 35.50 1.17 0.00 | 31.70 0.85 0.00 | 29.33 0.81 0.00 | 27.07 0.77 0.00 |
| BOWLINE___1 23526 | 32.36 1.60 0.00 | 31.63 1.51 0.00 | 27.90 1.21 0.00 | 24.98 1.05 0.00 | 24.67 1.00 0.00 | 24.09 0.95 0.00 | 23.44 0.99 0.00 | 23.75 1.07 0.00 | 24.89 1.21 0.00 | 26.94 1.35 0.00 | 28.36 1.59 1.76 | 29.78 1.76 0.00 | 32.71 2.03 -0.01 | 32.92 2.08 0.00 | 33.93 2.17 0.00 | 33.81 2.10 0.00 | 34.61 1.99 0.00 | 34.14 1.82 0.00 | 44.30 2.20 0.00 | 38.82 1.77 0.00 | 35.97 1.65 0.00 | 32.21 1.36 0.00 | 29.77 1.24 0.00 | 27.34 1.05 0.00 |
| BOWLINE___2 23595 | 32.36 1.60 0.00 | 31.63 1.51 0.00 | 27.90 1.21 0.00 | 24.98 1.05 0.00 | 24.67 1.00 0.00 | 24.09 0.95 0.00 | 23.44 1.00 0.00 | 23.75 1.07 0.00 | 24.89 1.21 0.00 | 26.94 1.35 0.00 | 28.35 1.59 1.76 | 29.78 1.76 0.00 | 32.71 2.03 -0.01 | 32.92 2.08 0.00 | 33.93 2.17 0.00 | 33.81 2.10 0.00 | 34.61 1.99 0.00 | 34.14 1.82 0.00 | 44.30 2.20 0.00 | 38.82 1.77 0.00 | 35.97 1.65 0.00 | 32.21 1.36 0.00 | 29.77 1.24 0.00 | 27.34 1.05 0.00 |
| BRADY___115KV_TB2 356060 | 30.75 -0.01 0.00 | 30.04 -0.07 0.00 | 26.69 0.00 0.00 | 23.87 -0.05 0.00 | 23.63 -0.05 0.00 | 23.08 -0.05 0.00 | 22.38 -0.06 0.00 | 22.60 -0.09 0.00 | 23.50 -0.18 0.00 | 25.38 -0.22 0.00 | 28.15 -0.38 0.00 | 27.50 -0.52 0.00 | 30.09 -0.58 0.00 | 30.24 -0.59 0.00 | 31.17 -0.59 0.00 | 31.33 -0.39 0.00 | 32.42 -0.21 0.00 | 32.15 -0.18 0.00 | 41.95 -0.14 0.00 | 37.05 0.00 0.00 | 34.45 0.12 0.00 | 31.02 0.17 0.00 | 28.65 0.11 0.00 | 26.30 0.01 0.00 |
| BRANSCOMB___SOLAR 323811 | 32.21 1.45 0.00 | 31.63 1.51 0.00 | 27.82 1.14 0.00 | 25.04 1.12 0.00 | 24.75 1.07 0.00 | 24.17 1.03 0.00 | 23.44 1.00 0.00 | 23.71 1.03 0.00 | 24.73 1.05 0.00 | 26.61 1.02 0.00 | 29.91 1.10 -0.28 | 29.09 1.08 0.00 | 31.94 1.29 0.02 | 32.09 1.26 0.00 | 33.06 1.30 0.00 | 32.94 1.22 0.00 | 33.88 1.26 0.00 | 33.61 1.29 0.00 | 43.93 1.84 0.00 | 38.77 1.72 0.00 | 35.96 1.64 0.00 | 32.12 1.27 0.00 | 29.65 1.12 0.00 | 27.27 0.97 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 33.64 2.89 0.00 | 32.96 2.85 0.00 | 28.90 2.22 0.00 | 25.64 1.72 0.00 | 25.28 1.61 0.00 | 24.63 1.49 0.00 | 24.20 1.76 0.00 | 24.53 1.84 0.00 | 25.83 2.15 0.00 | 27.97 2.35 -0.02 | 32.51 2.74 -1.25 | 30.83 2.81 0.00 | 33.65 2.96 -0.01 | 33.89 3.05 0.00 | 34.90 3.14 0.00 | 34.89 3.15 -0.03 | 45.59 3.11 -9.86 | 40.56 3.01 -5.23 | 63.26 3.13 -18.03 | 39.49 2.42 -0.01 | 36.64 2.32 0.00 | 32.74 1.89 0.00 | 30.40 1.87 0.00 | 28.03 1.73 0.00 |
| BRISTLHL_115KV_TB1 79998 | 30.40 -0.36 0.00 | 29.77 -0.34 0.00 | 26.36 -0.32 0.00 | 23.62 -0.30 0.00 | 23.39 -0.28 0.00 | 22.88 -0.26 0.00 | 22.17 -0.27 0.00 | 22.40 -0.28 0.00 | 23.42 -0.26 0.00 | 25.37 -0.22 0.00 | 28.32 -0.21 0.00 | 27.81 -0.20 0.00 | 30.39 -0.28 0.00 | 30.55 -0.28 0.00 | 31.46 -0.30 0.00 | 31.37 -0.34 0.00 | 32.23 -0.39 0.00 | 32.00 -0.32 0.00 | 41.72 -0.38 0.00 | 36.76 -0.30 0.00 | 34.05 -0.28 0.00 | 30.66 -0.20 0.00 | 28.36 -0.17 0.00 | 26.20 -0.09 0.00 |
| BROOKHAVEN___DRP 24191 | 33.46 2.70 0.00 | 32.73 2.61 0.00 | 28.69 2.00 0.00 | 25.42 1.50 0.00 | 25.05 1.38 0.00 | 24.41 1.27 0.00 | 24.16 1.72 0.00 | 24.45 1.76 0.00 | 25.74 2.06 0.00 | 27.77 2.16 -0.02 | 32.24 2.46 -1.25 | 30.58 2.56 0.00 | 33.41 2.72 -0.01 | 33.67 2.84 0.00 | 34.77 3.01 0.00 | 34.89 3.04 -0.14 | 43.49 3.01 -7.86 | 37.07 2.89 -1.85 | 50.37 2.97 -5.30 | 39.34 2.28 0.00 | 36.55 2.23 0.00 | 32.61 1.76 0.00 | 30.22 1.69 0.00 | 27.86 1.57 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 32.84 2.08 0.00 | 32.05 1.94 0.00 | 28.19 1.51 0.00 | 25.26 1.33 0.00 | 24.96 1.29 0.00 | 24.30 1.17 0.00 | 23.67 1.23 0.00 | 24.01 1.33 0.00 | 25.18 1.51 0.00 | 27.26 1.67 0.00 | 31.69 1.93 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.53 0.00 | 34.37 2.61 0.00 | 34.25 2.54 0.00 | 35.00 2.38 0.00 | 34.41 2.09 0.00 | 44.59 2.49 0.00 | 39.07 2.02 0.00 | 36.21 1.89 0.00 | 32.47 1.61 0.00 | 30.05 1.52 0.00 | 27.63 1.33 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |

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| BROOKVLE_69_KV_TB1 55790 | 33.34 2.58 0.00 | 32.58 2.47 0.00 | 28.60 1.92 0.00 | 25.49 1.57 0.00 | 25.17 1.49 0.00 | 24.55 1.42 0.00 | 23.97 1.53 0.00 | 24.31 1.63 0.00 | 25.55 1.87 0.00 | 27.71 2.10 -0.02 | 32.26 2.49 -1.25 | 30.66 2.64 0.00 | 33.60 2.92 -0.01 | 33.82 2.99 0.00 | 34.88 3.12 0.00 | 34.67 2.96 0.00 | 35.51 2.89 0.00 | 35.00 2.67 0.00 | 45.12 3.02 0.00 | 39.47 2.41 0.00 | 36.70 2.38 0.00 | 32.82 1.96 0.00 | 30.32 1.79 0.00 | 27.90 1.60 0.00 |
| BROOME_2_LFGE 323671 | 30.95 0.19 0.00 | 30.34 0.23 0.00 | 26.86 0.18 0.00 | 24.07 0.15 0.00 | 23.86 0.19 0.00 | 23.34 0.21 0.00 | 22.66 0.22 0.00 | 22.88 0.19 0.00 | 23.97 0.29 0.00 | 25.98 0.39 0.00 | 29.02 0.49 0.00 | 28.53 0.52 0.00 | 31.30 0.63 0.00 | 31.48 0.65 0.00 | 32.37 0.61 0.00 | 32.29 0.58 0.00 | 33.14 0.52 0.00 | 32.85 0.53 0.00 | 42.83 0.73 0.00 | 37.65 0.60 0.00 | 34.89 0.57 0.00 | 31.41 0.56 0.00 | 29.06 0.53 0.00 | 26.76 0.47 0.00 |
| BROOME___LFGE 323600 | 30.95 0.19 0.00 | 30.34 0.23 0.00 | 26.86 0.18 0.00 | 24.07 0.15 0.00 | 23.86 0.19 0.00 | 23.34 0.21 0.00 | 22.66 0.22 0.00 | 22.88 0.19 0.00 | 23.97 0.29 0.00 | 25.98 0.39 0.00 | 29.02 0.49 0.00 | 28.53 0.52 0.00 | 31.30 0.63 0.00 | 31.48 0.65 0.00 | 32.37 0.61 0.00 | 32.29 0.58 0.00 | 33.14 0.52 0.00 | 32.85 0.53 0.00 | 42.83 0.73 0.00 | 37.65 0.60 0.00 | 34.89 0.57 0.00 | 31.41 0.56 0.00 | 29.06 0.53 0.00 | 26.76 0.47 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 30.60 -0.15 0.00 | 29.85 -0.27 0.00 | 26.36 -0.33 0.00 | 23.55 -0.38 0.00 | 23.21 -0.46 0.00 | 22.61 -0.53 0.00 | 21.88 -0.56 0.00 | 22.10 -0.58 0.00 | 23.09 -0.59 0.00 | 24.85 -0.74 0.00 | 27.49 -1.03 0.00 | 26.82 -1.20 0.00 | 29.34 -1.33 0.00 | 29.66 -1.18 0.00 | 30.68 -1.09 0.00 | 30.78 -0.93 0.00 | 31.87 -0.75 0.00 | 31.81 -0.51 0.00 | 41.86 -0.23 0.00 | 37.12 0.06 0.00 | 34.42 0.10 0.00 | 30.83 -0.02 0.00 | 28.40 -0.13 0.00 | 26.13 -0.17 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 33.27 2.51 0.00 | 32.48 2.37 0.00 | 28.56 1.88 0.00 | 25.55 1.62 0.00 | 25.22 1.55 0.00 | 24.62 1.48 0.00 | 23.98 1.54 0.00 | 24.31 1.62 0.00 | 25.50 1.82 0.00 | 27.62 2.03 0.00 | 32.13 2.37 -1.23 | 30.59 2.57 0.00 | 33.62 2.93 -0.01 | 33.83 3.00 0.00 | 34.86 3.10 0.00 | 34.72 3.01 0.00 | 35.50 2.87 0.00 | 34.91 2.59 0.00 | 45.21 3.11 0.00 | 39.59 2.54 0.00 | 36.71 2.38 0.00 | 32.92 2.07 0.00 | 30.46 1.92 0.00 | 27.99 1.69 0.00 |
| BURROWS___LYONSDAL 23803 | 31.39 0.64 0.00 | 30.65 0.53 0.00 | 27.01 0.33 0.00 | 24.15 0.23 0.00 | 23.79 0.12 0.00 | 23.18 0.05 0.00 | 22.45 0.01 0.00 | 22.68 -0.01 0.00 | 23.76 0.08 0.00 | 25.58 -0.01 0.00 | 28.34 -0.18 0.00 | 27.74 -0.28 0.00 | 30.34 -0.32 0.00 | 30.70 -0.13 0.00 | 31.74 -0.02 0.00 | 31.74 0.03 0.00 | 32.76 0.14 0.00 | 32.71 0.39 0.00 | 43.05 0.96 0.00 | 38.13 1.07 0.00 | 35.31 0.99 0.00 | 31.58 0.73 0.00 | 29.09 0.56 0.00 | 26.80 0.51 0.00 |
| CAITHNESS_CC_1 323624 | 33.41 2.65 0.00 | 32.69 2.58 0.00 | 28.66 1.98 0.00 | 25.40 1.47 0.00 | 25.03 1.36 0.00 | 24.39 1.26 0.00 | 24.10 1.65 0.00 | 24.39 1.71 0.00 | 25.68 2.00 0.00 | 27.74 2.12 -0.02 | 32.20 2.43 -1.25 | 30.54 2.52 0.00 | 33.35 2.67 -0.01 | 33.60 2.77 0.00 | 34.70 2.94 0.00 | 34.80 2.96 -0.14 | 43.36 2.91 -7.82 | 36.95 2.78 -1.85 | 50.22 2.83 -5.29 | 39.22 2.16 0.00 | 36.45 2.13 0.00 | 32.54 1.68 0.00 | 30.15 1.62 0.00 | 27.81 1.52 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 33.40 2.64 0.00 | 32.67 2.55 0.00 | 28.66 1.97 0.00 | 25.47 1.55 0.00 | 25.13 1.46 0.00 | 24.50 1.37 0.00 | 23.99 1.54 0.00 | 24.32 1.63 0.00 | 25.59 1.91 0.00 | 27.74 2.12 -0.02 | 32.25 2.48 -1.25 | 30.63 2.61 0.00 | 33.48 2.80 -0.01 | 33.60 2.77 0.00 | 34.66 2.90 0.00 | 34.57 2.86 0.00 | 35.95 2.78 -0.55 | 35.21 2.61 -0.29 | 45.87 2.79 -0.98 | 39.22 2.16 0.00 | 36.41 2.08 0.00 | 32.54 1.69 0.00 | 30.13 1.60 0.00 | 27.75 1.46 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 33.40 2.64 0.00 | 32.67 2.55 0.00 | 28.65 1.97 0.00 | 25.47 1.55 0.00 | 25.13 1.46 0.00 | 24.50 1.37 0.00 | 23.98 1.54 0.00 | 24.32 1.64 0.00 | 25.59 1.91 0.00 | 27.74 2.12 -0.02 | 32.25 2.48 -1.25 | 30.63 2.61 0.00 | 33.48 2.80 -0.01 | 33.60 2.77 0.00 | 34.67 2.90 0.00 | 34.57 2.86 0.00 | 35.95 2.78 -0.55 | 35.21 2.61 -0.29 | 45.87 2.79 -0.98 | 39.22 2.16 0.00 | 36.41 2.08 0.00 | 32.54 1.69 0.00 | 30.13 1.60 0.00 | 27.75 1.46 0.00 |
| CALPINE_BP_GT1 23823 | 33.40 2.64 0.00 | 32.67 2.55 0.00 | 28.65 1.97 0.00 | 25.47 1.55 0.00 | 25.13 1.46 0.00 | 24.50 1.37 0.00 | 23.98 1.54 0.00 | 24.32 1.64 0.00 | 25.59 1.91 0.00 | 27.74 2.12 -0.02 | 32.25 2.48 -1.25 | 30.63 2.61 0.00 | 33.48 2.80 -0.01 | 33.60 2.77 0.00 | 34.67 2.90 0.00 | 34.57 2.86 0.00 | 35.95 2.78 -0.55 | 35.21 2.61 -0.29 | 45.87 2.79 -0.98 | 39.22 2.16 0.00 | 36.41 2.08 0.00 | 32.54 1.69 0.00 | 30.13 1.60 0.00 | 27.75 1.46 0.00 |
| CALSPAN___DRP 24200 | 30.77 0.02 0.00 | 30.25 0.14 0.00 | 26.90 0.21 0.00 | 24.09 0.16 0.00 | 23.91 0.24 0.00 | 23.49 0.35 0.00 | 22.68 0.24 0.00 | 22.78 0.10 0.00 | 23.87 0.19 0.00 | 25.97 0.38 0.00 | 29.31 0.79 0.00 | 28.84 0.82 0.00 | 31.68 1.02 0.00 | 31.71 0.88 0.00 | 32.47 0.71 0.00 | 32.31 0.60 0.00 | 33.04 0.42 0.00 | 32.79 0.47 0.00 | 42.53 0.43 0.00 | 37.49 0.43 0.00 | 34.66 0.34 0.00 | 31.72 0.87 0.00 | 29.62 1.09 0.00 | 27.38 1.08 0.00 |
| CALVERTON___SOLAR 323806 | 33.57 2.82 0.00 | 32.82 2.71 0.00 | 28.77 2.08 0.00 | 25.48 1.56 0.00 | 25.11 1.44 0.00 | 24.48 1.34 0.00 | 24.25 1.81 0.00 | 24.53 1.85 0.00 | 25.84 2.16 0.00 | 27.86 2.25 -0.02 | 32.34 2.57 -1.25 | 30.68 2.66 0.00 | 33.53 2.85 -0.01 | 33.79 2.96 0.00 | 34.93 3.17 0.00 | 35.05 3.20 -0.14 | 43.68 3.19 -7.87 | 37.26 3.09 -1.86 | 50.62 3.22 -5.30 | 39.54 2.49 0.00 | 36.74 2.42 0.00 | 32.77 1.92 0.00 | 30.34 1.81 0.00 | 27.97 1.68 0.00 |
| CANDIGU_WT_PWR 323617 | 30.59 -0.16 0.00 | 30.18 0.07 0.00 | 26.85 0.17 0.00 | 24.07 0.15 0.00 | 23.84 0.17 0.00 | 23.32 0.18 0.00 | 22.55 0.11 0.00 | 22.69 0.01 0.00 | 23.88 0.19 0.00 | 25.95 0.36 0.00 | 28.98 0.45 0.00 | 28.45 0.43 0.00 | 31.28 0.62 0.00 | 31.38 0.55 0.00 | 32.22 0.46 0.00 | 32.21 0.50 0.00 | 32.95 0.33 0.00 | 32.73 0.41 0.00 | 42.74 0.65 0.00 | 37.69 0.64 0.00 | 34.98 0.65 0.00 | 31.69 0.84 0.00 | 29.41 0.88 0.00 | 27.11 0.81 0.00 |
| CARR STREET_E__SYR 24060 | 30.54 -0.21 0.00 | 29.91 -0.20 0.00 | 26.48 -0.20 0.00 | 23.74 -0.19 0.00 | 23.50 -0.17 0.00 | 22.98 -0.15 0.00 | 22.29 -0.15 0.00 | 22.52 -0.17 0.00 | 23.56 -0.12 0.00 | 25.52 -0.07 0.00 | 28.52 -0.01 0.00 | 28.04 0.02 0.00 | 30.66 -0.01 0.00 | 30.83 0.00 0.00 | 31.71 -0.05 0.00 | 31.55 -0.16 0.00 | 32.39 -0.24 0.00 | 32.12 -0.20 0.00 | 41.86 -0.23 0.00 | 36.86 -0.19 0.00 | 34.16 -0.16 0.00 | 30.87 0.02 0.00 | 28.56 0.03 0.00 | 26.37 0.07 0.00 |
| CARTHAGE___PAPER 23857 | 31.42 0.66 0.00 | 30.63 0.52 0.00 | 26.95 0.27 0.00 | 24.05 0.12 0.00 | 23.64 -0.03 0.00 | 22.98 -0.16 0.00 | 22.21 -0.23 0.00 | 22.43 -0.26 0.00 | 23.42 -0.26 0.00 | 25.11 -0.48 0.00 | 27.69 -0.84 0.00 | 26.99 -1.03 0.00 | 29.53 -1.13 0.00 | 30.01 -0.83 0.00 | 31.13 -0.63 0.00 | 31.17 -0.54 0.00 | 32.28 -0.35 0.00 | 32.39 0.07 0.00 | 42.96 0.86 0.00 | 38.29 1.23 0.00 | 35.51 1.19 0.00 | 31.62 0.76 0.00 | 29.07 0.54 0.00 | 26.76 0.47 0.00 |

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| CASSADAGA_WT_PWR 323784 | 31.34 0.58 0.00 | 30.90 0.78 0.00 | 27.49 0.81 0.00 | 24.61 0.69 0.00 | 24.43 0.76 0.00 | 24.00 0.86 0.00 | 23.24 0.80 0.00 | 23.41 0.72 0.00 | 24.59 0.91 0.00 | 26.80 1.21 0.00 | 30.13 1.60 0.00 | 29.66 1.64 0.00 | 32.64 1.97 0.00 | 32.78 1.95 0.00 | 33.59 1.83 0.00 | 33.41 1.70 0.00 | 34.18 1.55 0.00 | 33.96 1.64 0.00 | 44.19 2.09 0.00 | 38.86 1.81 0.00 | 35.91 1.59 0.00 | 32.70 1.85 0.00 | 30.43 1.90 0.00 | 28.05 1.75 0.00 |
| CE_DUNWOOD___DRP 24194 | 32.68 1.93 0.00 | 31.95 1.83 0.00 | 28.08 1.40 0.00 | 25.13 1.20 0.00 | 24.82 1.15 0.00 | 24.24 1.10 0.00 | 23.59 1.15 0.00 | 23.91 1.23 0.00 | 25.07 1.39 0.00 | 27.13 1.54 0.00 | 31.64 1.81 -1.31 | 29.99 1.97 0.00 | 32.93 2.25 -0.01 | 33.15 2.32 0.00 | 34.17 2.41 0.00 | 34.04 2.33 0.00 | 34.83 2.20 0.00 | 34.33 2.01 0.00 | 44.49 2.40 0.00 | 39.00 1.94 0.00 | 36.14 1.82 0.00 | 32.37 1.52 0.00 | 29.92 1.39 0.00 | 27.51 1.21 0.00 |
| CE_MILLWOOD___DRP 24193 | 32.61 1.85 0.00 | 31.86 1.75 0.00 | 28.02 1.33 0.00 | 25.08 1.16 0.00 | 24.77 1.10 0.00 | 24.19 1.05 0.00 | 23.54 1.10 0.00 | 23.86 1.18 0.00 | 25.01 1.33 0.00 | 27.06 1.47 0.00 | 31.62 1.73 -1.37 | 29.90 1.89 0.00 | 32.84 2.16 -0.01 | 33.06 2.23 0.00 | 34.08 2.32 0.00 | 33.95 2.24 0.00 | 34.75 2.13 0.00 | 34.26 1.94 0.00 | 44.42 2.32 0.00 | 38.93 1.88 0.00 | 36.08 1.75 0.00 | 32.32 1.46 0.00 | 29.87 1.33 0.00 | 27.45 1.15 0.00 |
| CE_NYC2_DRP 24202 | 32.84 2.08 0.00 | 32.11 1.99 0.00 | 28.24 1.56 0.00 | 25.26 1.34 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.23 1.55 0.00 | 27.31 1.72 0.00 | 31.77 2.02 -1.23 | 30.23 2.21 0.00 | 33.21 2.53 -0.01 | 33.40 2.57 0.00 | 34.44 2.68 0.00 | 34.29 2.57 0.00 | 34.99 2.36 0.00 | 34.41 2.09 0.00 | 44.52 2.43 0.00 | 39.04 1.98 0.00 | 36.20 1.88 0.00 | 32.45 1.60 0.00 | 30.02 1.49 0.00 | 27.65 1.35 0.00 |
| CE_NYC_DRP 24195 | 32.88 2.12 0.00 | 32.11 2.00 0.00 | 28.24 1.56 0.00 | 25.27 1.35 0.00 | 24.97 1.30 0.00 | 24.36 1.23 0.00 | 23.74 1.30 0.00 | 24.07 1.39 0.00 | 25.23 1.56 0.00 | 27.33 1.74 0.00 | 31.77 2.02 -1.23 | 30.24 2.22 0.00 | 33.22 2.54 -0.01 | 33.44 2.61 0.00 | 34.44 2.68 0.00 | 34.30 2.60 0.00 | 35.06 2.43 0.00 | 34.47 2.15 0.00 | 44.66 2.57 0.00 | 39.12 2.07 0.00 | 36.26 1.94 0.00 | 32.51 1.66 0.00 | 30.08 1.55 0.00 | 27.66 1.36 0.00 |
| CHAFFEE___LFGE 323603 | 30.77 0.02 0.00 | 30.23 0.11 0.00 | 26.86 0.18 0.00 | 24.06 0.13 0.00 | 23.88 0.21 0.00 | 23.46 0.32 0.00 | 22.66 0.22 0.00 | 22.77 0.09 0.00 | 23.88 0.20 0.00 | 25.97 0.38 0.00 | 29.28 0.76 0.00 | 28.86 0.84 0.00 | 31.71 1.05 0.00 | 31.75 0.92 0.00 | 32.51 0.75 0.00 | 32.36 0.65 0.00 | 33.10 0.48 0.00 | 32.84 0.52 0.00 | 42.62 0.53 0.00 | 37.57 0.51 0.00 | 34.74 0.42 0.00 | 31.77 0.92 0.00 | 29.63 1.10 0.00 | 27.38 1.09 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 30.85 0.09 0.00 | 29.88 -0.23 0.00 | 26.19 -0.49 0.00 | 23.32 -0.60 0.00 | 23.05 -0.62 0.00 | 22.56 -0.58 0.00 | 21.86 -0.59 0.00 | 22.06 -0.62 0.00 | 23.05 -0.63 0.00 | 25.04 -0.56 0.00 | 27.95 -0.57 0.00 | 27.11 -0.91 0.00 | 29.67 -1.00 0.00 | 29.66 -1.18 0.00 | 30.62 -1.14 0.00 | 31.18 -0.53 0.00 | 32.72 0.09 0.00 | 32.54 0.22 0.00 | 42.40 0.31 0.00 | 37.41 0.36 0.00 | 34.74 0.42 0.00 | 31.17 0.31 0.00 | 28.85 0.32 0.00 | 26.46 0.16 0.00 |
| CHATEAUG_WT_PWR 323614 | 30.88 0.12 0.00 | 29.91 -0.21 0.00 | 26.18 -0.51 0.00 | 23.30 -0.62 0.00 | 23.03 -0.64 0.00 | 22.53 -0.61 0.00 | 21.82 -0.63 0.00 | 22.03 -0.66 0.00 | 23.02 -0.66 0.00 | 25.00 -0.59 0.00 | 27.93 -0.60 0.00 | 27.09 -0.92 0.00 | 29.65 -1.02 0.00 | 29.64 -1.19 0.00 | 30.60 -1.17 0.00 | 31.18 -0.54 0.00 | 32.78 0.16 0.00 | 32.58 0.26 0.00 | 42.48 0.39 0.00 | 37.44 0.39 0.00 | 34.78 0.45 0.00 | 31.18 0.33 0.00 | 28.87 0.34 0.00 | 26.48 0.19 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 30.85 0.09 0.00 | 29.88 -0.23 0.00 | 26.19 -0.49 0.00 | 23.32 -0.60 0.00 | 23.05 -0.62 0.00 | 22.56 -0.58 0.00 | 21.86 -0.59 0.00 | 22.06 -0.62 0.00 | 23.05 -0.63 0.00 | 25.04 -0.56 0.00 | 27.96 -0.57 0.00 | 27.11 -0.91 0.00 | 29.67 -1.00 0.00 | 29.66 -1.18 0.00 | 30.62 -1.14 0.00 | 31.18 -0.53 0.00 | 32.72 0.09 0.00 | 32.54 0.22 0.00 | 42.40 0.31 0.00 | 37.41 0.36 0.00 | 34.74 0.42 0.00 | 31.17 0.31 0.00 | 28.85 0.32 0.00 | 26.46 0.16 0.00 |
| CHAUTAUQUA___LFGE 323629 | 31.03 0.28 0.00 | 30.55 0.43 0.00 | 27.17 0.48 0.00 | 24.32 0.39 0.00 | 24.15 0.48 0.00 | 23.72 0.58 0.00 | 22.95 0.51 0.00 | 23.10 0.42 0.00 | 24.26 0.58 0.00 | 26.41 0.82 0.00 | 29.71 1.18 0.00 | 29.27 1.25 0.00 | 32.20 1.53 0.00 | 32.30 1.47 0.00 | 33.09 1.33 0.00 | 32.92 1.21 0.00 | 33.66 1.04 0.00 | 33.41 1.09 0.00 | 43.44 1.34 0.00 | 38.22 1.16 0.00 | 35.35 1.02 0.00 | 32.21 1.36 0.00 | 30.00 1.46 0.00 | 27.67 1.37 0.00 |
| CHERRYST_13_KV_LD 356241 | 32.98 2.23 0.00 | 32.21 2.09 0.00 | 28.33 1.64 0.00 | 25.34 1.42 0.00 | 25.05 1.37 0.00 | 24.44 1.31 0.00 | 23.81 1.37 0.00 | 24.14 1.46 0.00 | 25.32 1.64 0.00 | 27.42 1.82 0.00 | 31.89 2.13 -1.23 | 30.35 2.33 0.00 | 33.34 2.66 -0.01 | 33.56 2.73 0.00 | 34.58 2.81 0.00 | 34.43 2.72 0.00 | 35.19 2.56 0.00 | 34.60 2.28 0.00 | 44.82 2.72 0.00 | 39.26 2.21 0.00 | 36.39 2.07 0.00 | 32.62 1.76 0.00 | 30.18 1.65 0.00 | 27.75 1.45 0.00 |
| CHESTROR_138KV_BK263 355645 | 32.16 1.41 0.00 | 31.44 1.32 0.00 | 27.74 1.06 0.00 | 24.84 0.92 0.00 | 24.55 0.87 0.00 | 23.98 0.84 0.00 | 23.32 0.87 0.00 | 23.62 0.93 0.00 | 24.73 1.05 0.00 | 26.74 1.15 0.00 | 28.81 1.34 1.06 | 29.50 1.49 0.00 | 32.40 1.72 -0.01 | 32.61 1.78 0.00 | 33.62 1.86 0.00 | 33.51 1.79 0.00 | 34.33 1.71 0.00 | 33.93 1.60 0.00 | 44.07 1.97 0.00 | 38.66 1.61 0.00 | 35.81 1.49 0.00 | 32.07 1.22 0.00 | 29.63 1.09 0.00 | 27.22 0.93 0.00 |
| CH_MIDHUDSON___DRP 24192 | 32.51 1.76 0.00 | 31.78 1.67 0.00 | 27.97 1.28 0.00 | 25.07 1.15 0.00 | 24.78 1.11 0.00 | 24.19 1.05 0.00 | 23.54 1.09 0.00 | 23.84 1.16 0.00 | 24.99 1.30 0.00 | 27.00 1.40 0.00 | 30.42 1.62 -0.27 | 29.78 1.77 0.00 | 32.71 2.03 -0.01 | 32.92 2.09 0.00 | 33.95 2.19 0.00 | 33.86 2.15 0.00 | 34.70 2.08 0.00 | 34.26 1.94 0.00 | 44.49 2.40 0.00 | 39.04 1.98 0.00 | 36.15 1.83 0.00 | 32.35 1.50 0.00 | 29.87 1.34 0.00 | 27.43 1.13 0.00 |
| CH_MISC_IPPS 23765 | 32.72 1.97 0.00 | 31.97 1.85 0.00 | 28.13 1.44 0.00 | 25.21 1.28 0.00 | 24.90 1.23 0.00 | 24.32 1.19 0.00 | 23.66 1.21 0.00 | 23.98 1.30 0.00 | 25.12 1.44 0.00 | 27.17 1.58 0.00 | 30.36 1.83 0.00 | 30.01 1.99 0.00 | 32.96 2.28 -0.01 | 33.19 2.35 0.00 | 34.24 2.47 0.00 | 34.15 2.44 0.00 | 35.02 2.39 0.00 | 34.59 2.27 0.00 | 44.92 2.82 0.00 | 39.39 2.34 0.00 | 36.46 2.14 0.00 | 32.62 1.77 0.00 | 30.11 1.57 0.00 | 27.63 1.33 0.00 |
| CH_RES_BVR_FALLS 23983 | 30.52 -0.24 0.00 | 29.87 -0.25 0.00 | 26.50 -0.18 0.00 | 23.74 -0.18 0.00 | 23.50 -0.17 0.00 | 22.96 -0.17 0.00 | 22.26 -0.18 0.00 | 22.50 -0.18 0.00 | 23.46 -0.22 0.00 | 25.36 -0.23 0.00 | 28.20 -0.32 0.00 | 27.62 -0.40 0.00 | 30.23 -0.43 0.00 | 30.37 -0.46 0.00 | 31.29 -0.47 0.00 | 31.33 -0.38 0.00 | 32.31 -0.31 0.00 | 32.02 -0.31 0.00 | 41.72 -0.38 0.00 | 36.72 -0.33 0.00 | 34.04 -0.28 0.00 | 30.62 -0.23 0.00 | 28.32 -0.21 0.00 | 26.07 -0.22 0.00 |

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| CH_RES_NIAGARA 23895 | 29.97 -0.78 0.00 | 29.48 -0.63 0.00 | 26.25 -0.44 0.00 | 23.63 -0.29 0.00 | 23.48 -0.20 0.00 | 23.08 -0.06 0.00 | 22.25 -0.19 0.00 | 22.24 -0.45 0.00 | 23.24 -0.45 0.00 | 25.24 -0.36 0.00 | 28.53 0.01 0.00 | 28.06 0.05 0.00 | 30.79 0.12 0.00 | 30.75 -0.08 0.00 | 31.44 -0.32 0.00 | 31.26 -0.45 0.00 | 31.93 -0.69 0.00 | 31.64 -0.68 0.00 | 40.89 -1.21 0.00 | 35.94 -1.12 0.00 | 33.27 -1.05 0.00 | 30.59 -0.26 0.00 | 28.77 0.23 0.00 | 26.72 0.42 0.00 |
| CH_RES_SYRACUSE 23985 | 30.74 -0.02 0.00 | 30.08 -0.03 0.00 | 26.64 -0.04 0.00 | 23.87 -0.05 0.00 | 23.64 -0.03 0.00 | 23.12 -0.02 0.00 | 22.42 -0.02 0.00 | 22.66 -0.02 0.00 | 23.71 0.03 0.00 | 25.66 0.07 0.00 | 28.67 0.14 0.00 | 28.19 0.17 0.00 | 30.84 0.17 0.00 | 31.00 0.17 0.00 | 31.92 0.15 0.00 | 31.87 0.15 0.00 | 32.75 0.13 0.00 | 32.50 0.19 0.00 | 42.35 0.25 0.00 | 37.30 0.25 0.00 | 34.52 0.20 0.00 | 31.09 0.24 0.00 | 28.73 0.20 0.00 | 26.53 0.24 0.00 |
| CLINTON_WT_PWR 323605 | 30.88 0.12 0.00 | 29.91 -0.21 0.00 | 26.18 -0.51 0.00 | 23.30 -0.62 0.00 | 23.03 -0.64 0.00 | 22.53 -0.61 0.00 | 21.82 -0.63 0.00 | 22.03 -0.66 0.00 | 23.02 -0.66 0.00 | 25.00 -0.59 0.00 | 27.93 -0.60 0.00 | 27.09 -0.92 0.00 | 29.65 -1.02 0.00 | 29.64 -1.19 0.00 | 30.60 -1.17 0.00 | 31.18 -0.54 0.00 | 32.78 0.16 0.00 | 32.58 0.26 0.00 | 42.48 0.39 0.00 | 37.44 0.39 0.00 | 34.78 0.45 0.00 | 31.18 0.33 0.00 | 28.87 0.34 0.00 | 26.48 0.19 0.00 |
| CLINTON___LFGE 323618 | 31.30 0.54 0.00 | 30.31 0.19 0.00 | 26.47 -0.22 0.00 | 23.59 -0.33 0.00 | 23.33 -0.35 0.00 | 22.82 -0.31 0.00 | 22.14 -0.31 0.00 | 22.36 -0.32 0.00 | 23.37 -0.31 0.00 | 25.35 -0.24 0.00 | 28.34 -0.18 0.00 | 27.46 -0.55 0.00 | 30.04 -0.63 0.00 | 30.00 -0.84 0.00 | 30.96 -0.80 0.00 | 31.57 -0.14 0.00 | 33.22 0.59 0.00 | 33.05 0.73 0.00 | 43.06 0.96 0.00 | 37.97 0.91 0.00 | 35.30 0.98 0.00 | 31.65 0.80 0.00 | 29.28 0.75 0.00 | 26.82 0.52 0.00 |
| COBBLENY_34_KV_TB1 80064 | 30.77 0.02 0.00 | 30.23 0.11 0.00 | 26.86 0.18 0.00 | 24.06 0.13 0.00 | 23.88 0.20 0.00 | 23.46 0.32 0.00 | 22.66 0.22 0.00 | 22.77 0.09 0.00 | 23.86 0.18 0.00 | 25.97 0.38 0.00 | 29.29 0.76 0.00 | 28.86 0.84 0.00 | 31.71 1.04 0.00 | 31.75 0.91 0.00 | 32.50 0.74 0.00 | 32.36 0.65 0.00 | 33.10 0.47 0.00 | 32.84 0.52 0.00 | 42.63 0.53 0.00 | 37.57 0.51 0.00 | 34.75 0.42 0.00 | 31.77 0.92 0.00 | 29.64 1.11 0.00 | 27.38 1.09 0.00 |
| COFFEEN___115KV_TB3 355620 | 31.68 0.92 0.00 | 30.88 0.76 0.00 | 27.15 0.46 0.00 | 24.22 0.29 0.00 | 23.81 0.14 0.00 | 23.14 0.00 0.00 | 22.37 -0.07 0.00 | 22.57 -0.11 0.00 | 23.51 -0.17 0.00 | 25.24 -0.35 0.00 | 27.90 -0.62 0.00 | 27.21 -0.81 0.00 | 29.79 -0.88 0.00 | 30.31 -0.52 0.00 | 31.38 -0.38 0.00 | 31.41 -0.31 0.00 | 32.56 -0.06 0.00 | 32.73 0.40 0.00 | 43.42 1.32 0.00 | 38.76 1.71 0.00 | 36.00 1.68 0.00 | 31.90 1.05 0.00 | 29.33 0.80 0.00 | 26.96 0.66 0.00 |
| COLDSPRG_115KV_BK1 355956 | 31.56 0.81 0.00 | 31.02 0.90 0.00 | 27.58 0.89 0.00 | 24.68 0.76 0.00 | 24.49 0.82 0.00 | 24.06 0.93 0.00 | 23.32 0.87 0.00 | 23.49 0.81 0.00 | 24.68 1.00 0.00 | 26.91 1.32 0.00 | 30.20 1.67 0.00 | 29.72 1.70 0.00 | 32.70 2.04 0.00 | 32.88 2.05 0.00 | 33.69 1.93 0.00 | 33.51 1.79 0.00 | 34.25 1.63 0.00 | 34.01 1.69 0.00 | 44.23 2.13 0.00 | 38.89 1.84 0.00 | 35.96 1.64 0.00 | 32.72 1.87 0.00 | 30.46 1.93 0.00 | 28.05 1.76 0.00 |
| COLONIE_LFGE___ 323577 | 31.84 1.08 0.00 | 31.32 1.20 0.00 | 27.60 0.91 0.00 | 24.85 0.93 0.00 | 24.56 0.88 0.00 | 23.99 0.86 0.00 | 23.26 0.82 0.00 | 23.53 0.85 0.00 | 24.58 0.90 0.00 | 26.43 0.83 0.00 | 29.71 0.90 -0.29 | 28.93 0.91 0.00 | 31.71 1.07 0.02 | 31.87 1.04 0.00 | 32.86 1.10 0.00 | 32.68 0.97 0.00 | 33.61 0.99 0.00 | 33.29 0.97 0.00 | 43.39 1.29 0.00 | 38.24 1.19 0.00 | 35.43 1.11 0.00 | 31.67 0.82 0.00 | 29.26 0.73 0.00 | 26.95 0.66 0.00 |
| COOPERNY_115KV_TB1 80082 | 31.80 1.04 0.00 | 31.09 0.98 0.00 | 27.46 0.78 0.00 | 24.59 0.67 0.00 | 24.33 0.65 0.00 | 23.77 0.63 0.00 | 23.10 0.65 0.00 | 23.38 0.70 0.00 | 24.47 0.79 0.00 | 26.46 0.87 0.00 | 29.14 1.01 0.40 | 29.14 1.12 0.00 | 31.98 1.31 -0.01 | 32.17 1.34 0.00 | 33.17 1.41 0.00 | 33.07 1.36 0.00 | 33.92 1.30 0.00 | 33.53 1.21 0.00 | 43.59 1.49 0.00 | 38.27 1.21 0.00 | 35.44 1.11 0.00 | 31.77 0.92 0.00 | 29.36 0.83 0.00 | 27.00 0.70 0.00 |
| COPENHAGEN_WT_PWR 323753 | 31.24 0.48 0.00 | 30.47 0.36 0.00 | 26.76 0.08 0.00 | 23.87 -0.06 0.00 | 23.44 -0.23 0.00 | 22.73 -0.41 0.00 | 21.96 -0.48 0.00 | 22.21 -0.47 0.00 | 23.24 -0.44 0.00 | 24.93 -0.66 0.00 | 27.49 -1.03 0.00 | 26.83 -1.19 0.00 | 29.35 -1.32 0.00 | 29.90 -0.93 0.00 | 30.98 -0.78 0.00 | 31.02 -0.70 0.00 | 32.14 -0.49 0.00 | 32.28 -0.04 0.00 | 42.84 0.74 0.00 | 38.17 1.12 0.00 | 35.36 1.04 0.00 | 31.37 0.52 0.00 | 28.87 0.34 0.00 | 26.59 0.29 0.00 |
| CORNELL___ 23752 | 31.36 0.60 0.00 | 30.68 0.57 0.00 | 27.17 0.49 0.00 | 24.33 0.40 0.00 | 24.09 0.42 0.00 | 23.57 0.43 0.00 | 22.88 0.43 0.00 | 23.10 0.42 0.00 | 24.15 0.47 0.00 | 26.08 0.49 0.00 | 29.08 0.56 0.00 | 28.60 0.59 0.00 | 31.32 0.65 0.00 | 31.51 0.68 0.00 | 32.43 0.67 0.00 | 32.39 0.68 0.00 | 33.34 0.72 0.00 | 33.21 0.89 0.00 | 43.32 1.22 0.00 | 38.23 1.17 0.00 | 35.44 1.12 0.00 | 31.92 1.06 0.00 | 29.45 0.92 0.00 | 27.13 0.83 0.00 |
| CORONA_AAV_69_KV_TB1 355595 | 33.41 2.65 0.00 | 32.65 2.54 0.00 | 28.66 1.97 0.00 | 25.52 1.59 0.00 | 25.18 1.51 0.00 | 24.55 1.41 0.00 | 23.99 1.55 0.00 | 24.31 1.63 0.00 | 25.56 1.88 0.00 | 27.70 2.09 -0.02 | 32.19 2.42 -1.25 | 30.57 2.55 0.00 | 33.41 2.73 -0.01 | 33.63 2.80 0.00 | 34.70 2.94 0.00 | 34.57 2.86 0.00 | 35.42 2.79 0.00 | 34.89 2.57 0.00 | 45.01 2.92 0.00 | 39.38 2.32 0.00 | 36.52 2.20 0.00 | 32.70 1.85 0.00 | 30.24 1.71 0.00 | 27.85 1.55 0.00 |
| CORTLAND_115KV_TB3 80093 | 31.10 0.34 0.00 | 30.45 0.33 0.00 | 26.95 0.26 0.00 | 24.14 0.22 0.00 | 23.90 0.23 0.00 | 23.38 0.24 0.00 | 22.68 0.24 0.00 | 22.91 0.23 0.00 | 23.96 0.28 0.00 | 25.92 0.33 0.00 | 28.91 0.38 0.00 | 28.42 0.41 0.00 | 31.13 0.46 0.00 | 31.33 0.49 0.00 | 32.25 0.48 0.00 | 32.17 0.46 0.00 | 33.09 0.47 0.00 | 32.86 0.54 0.00 | 42.87 0.77 0.00 | 37.78 0.72 0.00 | 35.01 0.69 0.00 | 31.52 0.67 0.00 | 29.12 0.58 0.00 | 26.83 0.53 0.00 |
| COXSACKIE___GT 23611 | 32.82 2.06 0.00 | 32.18 2.07 0.00 | 28.28 1.59 0.00 | 25.48 1.56 0.00 | 25.20 1.52 0.00 | 24.63 1.49 0.00 | 23.88 1.44 0.00 | 24.12 1.44 0.00 | 25.18 1.50 0.00 | 26.79 1.20 0.00 | 30.24 1.50 -0.21 | 29.46 1.44 0.00 | 32.20 1.54 0.01 | 32.26 1.43 0.00 | 33.33 1.57 0.00 | 33.22 1.50 0.00 | 34.22 1.60 0.00 | 34.17 1.85 0.00 | 44.85 2.75 0.00 | 39.82 2.77 0.00 | 36.98 2.66 0.00 | 33.07 2.21 0.00 | 30.38 1.85 0.00 | 27.82 1.53 0.00 |
| CPV_VALLEY___CC1 323721 | 31.91 1.15 0.00 | 31.19 1.08 0.00 | 27.53 0.84 0.00 | 24.66 0.74 0.00 | 24.38 0.70 0.00 | 23.82 0.67 0.00 | 23.16 0.71 0.00 | 23.46 0.77 0.00 | 24.54 0.86 0.00 | 26.55 0.96 0.00 | 29.01 1.13 0.64 | 29.28 1.27 0.00 | 32.15 1.47 -0.01 | 32.35 1.52 0.00 | 33.34 1.58 0.00 | 33.24 1.53 0.00 | 34.06 1.44 0.00 | 33.64 1.32 0.00 | 43.70 1.60 0.00 | 38.33 1.28 0.00 | 35.51 1.19 0.00 | 31.81 0.96 0.00 | 29.40 0.87 0.00 | 27.01 0.72 0.00 |

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| CPV_VALLEY___CC2 323722 | 31.91 1.15 0.00 | 31.19 1.08 0.00 | 27.53 0.84 0.00 | 24.66 0.74 0.00 | 24.38 0.70 0.00 | 23.82 0.67 0.00 | 23.16 0.71 0.00 | 23.46 0.77 0.00 | 24.54 0.86 0.00 | 26.55 0.96 0.00 | 29.01 1.13 0.64 | 29.28 1.27 0.00 | 32.15 1.47 -0.01 | 32.35 1.52 0.00 | 33.34 1.58 0.00 | 33.24 1.53 0.00 | 34.06 1.44 0.00 | 33.64 1.32 0.00 | 43.70 1.60 0.00 | 38.33 1.28 0.00 | 35.51 1.19 0.00 | 31.81 0.96 0.00 | 29.40 0.87 0.00 | 27.01 0.72 0.00 |
| CRESCENT___HYD 24018 | 31.84 1.08 0.00 | 31.32 1.20 0.00 | 27.60 0.91 0.00 | 24.85 0.93 0.00 | 24.56 0.88 0.00 | 23.99 0.86 0.00 | 23.26 0.82 0.00 | 23.53 0.85 0.00 | 24.58 0.90 0.00 | 26.43 0.83 0.00 | 29.71 0.90 -0.29 | 28.93 0.91 0.00 | 31.71 1.07 0.02 | 31.87 1.04 0.00 | 32.86 1.10 0.00 | 32.68 0.97 0.00 | 33.61 0.99 0.00 | 33.29 0.97 0.00 | 43.39 1.29 0.00 | 38.24 1.19 0.00 | 35.43 1.11 0.00 | 31.67 0.82 0.00 | 29.26 0.73 0.00 | 26.95 0.66 0.00 |
| CRICKET___VALLEY_CC1 323756 | 32.03 1.28 0.00 | 31.37 1.25 0.00 | 27.59 0.91 0.00 | 24.80 0.87 0.00 | 24.50 0.83 0.00 | 23.93 0.79 0.00 | 23.26 0.82 0.00 | 23.58 0.89 0.00 | 24.66 0.98 0.00 | 26.59 1.00 0.00 | 30.22 1.14 -0.55 | 29.27 1.25 0.00 | 31.90 1.44 0.20 | 32.31 1.48 0.00 | 33.32 1.55 0.00 | 33.21 1.50 0.00 | 34.04 1.42 0.00 | 33.64 1.31 0.00 | 43.70 1.61 0.00 | 38.41 1.35 0.00 | 35.58 1.26 0.00 | 31.81 0.96 0.00 | 29.38 0.84 0.00 | 26.98 0.69 0.00 |
| CRICKET___VALLEY_CC2 323757 | 32.03 1.28 0.00 | 31.37 1.25 0.00 | 27.59 0.91 0.00 | 24.80 0.87 0.00 | 24.50 0.83 0.00 | 23.93 0.79 0.00 | 23.26 0.82 0.00 | 23.58 0.89 0.00 | 24.66 0.98 0.00 | 26.59 1.00 0.00 | 30.22 1.14 -0.55 | 29.27 1.25 0.00 | 31.90 1.44 0.20 | 32.31 1.48 0.00 | 33.32 1.55 0.00 | 33.21 1.50 0.00 | 34.04 1.42 0.00 | 33.64 1.31 0.00 | 43.70 1.61 0.00 | 38.41 1.35 0.00 | 35.58 1.26 0.00 | 31.81 0.96 0.00 | 29.38 0.84 0.00 | 26.98 0.69 0.00 |
| CRICKET___VALLEY_CC3 323758 | 32.03 1.28 0.00 | 31.37 1.25 0.00 | 27.59 0.91 0.00 | 24.80 0.87 0.00 | 24.50 0.83 0.00 | 23.93 0.79 0.00 | 23.26 0.82 0.00 | 23.58 0.89 0.00 | 24.66 0.98 0.00 | 26.59 1.00 0.00 | 30.22 1.14 -0.55 | 29.27 1.25 0.00 | 31.90 1.44 0.20 | 32.31 1.48 0.00 | 33.32 1.55 0.00 | 33.21 1.50 0.00 | 34.04 1.42 0.00 | 33.64 1.31 0.00 | 43.70 1.61 0.00 | 38.41 1.35 0.00 | 35.58 1.26 0.00 | 31.81 0.96 0.00 | 29.38 0.84 0.00 | 26.98 0.69 0.00 |
| CRUCIBLE_METL_DRP 24180 | 30.74 -0.02 0.00 | 30.08 -0.03 0.00 | 26.64 -0.04 0.00 | 23.87 -0.05 0.00 | 23.64 -0.03 0.00 | 23.12 -0.02 0.00 | 22.42 -0.02 0.00 | 22.66 -0.02 0.00 | 23.71 0.03 0.00 | 25.66 0.07 0.00 | 28.67 0.15 0.00 | 28.19 0.17 0.00 | 30.84 0.17 0.00 | 31.00 0.17 0.00 | 31.92 0.15 0.00 | 31.86 0.15 0.00 | 32.75 0.13 0.00 | 32.50 0.18 0.00 | 42.34 0.25 0.00 | 37.30 0.25 0.00 | 34.52 0.20 0.00 | 31.10 0.24 0.00 | 28.73 0.20 0.00 | 26.53 0.23 0.00 |
| DAHOWA___HYDRO 323763 | 32.28 1.52 0.00 | 31.70 1.58 0.00 | 27.87 1.18 0.00 | 25.08 1.15 0.00 | 24.78 1.11 0.00 | 24.20 1.06 0.00 | 23.47 1.03 0.00 | 23.76 1.08 0.00 | 24.79 1.11 0.00 | 26.67 1.08 0.00 | 29.95 1.15 -0.28 | 29.14 1.12 0.00 | 31.98 1.33 0.02 | 32.14 1.30 0.00 | 33.10 1.34 0.00 | 32.98 1.27 0.00 | 33.95 1.33 0.00 | 33.70 1.38 0.00 | 44.07 1.98 0.00 | 38.89 1.83 0.00 | 36.07 1.75 0.00 | 32.21 1.36 0.00 | 29.71 1.18 0.00 | 27.32 1.03 0.00 |
| DANC___LFGE 323619 | 30.84 0.09 0.00 | 30.12 0.00 0.00 | 26.54 -0.15 0.00 | 23.71 -0.21 0.00 | 23.36 -0.31 0.00 | 22.73 -0.41 0.00 | 22.00 -0.45 0.00 | 22.23 -0.45 0.00 | 23.26 -0.43 0.00 | 25.03 -0.56 0.00 | 27.75 -0.78 0.00 | 27.15 -0.87 0.00 | 29.69 -0.98 0.00 | 30.08 -0.75 0.00 | 31.09 -0.67 0.00 | 31.08 -0.64 0.00 | 32.10 -0.52 0.00 | 32.11 -0.21 0.00 | 42.32 0.23 0.00 | 37.56 0.51 0.00 | 34.80 0.47 0.00 | 31.04 0.19 0.00 | 28.62 0.09 0.00 | 26.39 0.09 0.00 |
| DANSKAMMER___1 23586 | 32.72 1.97 0.00 | 31.97 1.85 0.00 | 28.13 1.44 0.00 | 25.21 1.28 0.00 | 24.90 1.23 0.00 | 24.32 1.19 0.00 | 23.66 1.21 0.00 | 23.98 1.30 0.00 | 25.12 1.44 0.00 | 27.17 1.58 0.00 | 30.36 1.83 0.00 | 30.01 1.99 0.00 | 32.96 2.28 -0.01 | 33.19 2.35 0.00 | 34.24 2.47 0.00 | 34.15 2.44 0.00 | 35.02 2.39 0.00 | 34.59 2.27 0.00 | 44.92 2.82 0.00 | 39.39 2.34 0.00 | 36.46 2.14 0.00 | 32.62 1.77 0.00 | 30.11 1.57 0.00 | 27.63 1.33 0.00 |
| DANSKAMMER___2 23589 | 32.72 1.97 0.00 | 31.97 1.85 0.00 | 28.13 1.44 0.00 | 25.21 1.28 0.00 | 24.90 1.23 0.00 | 24.32 1.19 0.00 | 23.66 1.21 0.00 | 23.98 1.30 0.00 | 25.12 1.44 0.00 | 27.17 1.58 0.00 | 30.36 1.83 0.00 | 30.01 1.99 0.00 | 32.96 2.28 -0.01 | 33.19 2.35 0.00 | 34.24 2.47 0.00 | 34.15 2.44 0.00 | 35.02 2.39 0.00 | 34.59 2.27 0.00 | 44.92 2.82 0.00 | 39.39 2.34 0.00 | 36.46 2.14 0.00 | 32.62 1.77 0.00 | 30.11 1.57 0.00 | 27.63 1.33 0.00 |
| DANSKAMMER___3 23590 | 32.72 1.97 0.00 | 31.97 1.85 0.00 | 28.13 1.44 0.00 | 25.21 1.28 0.00 | 24.90 1.23 0.00 | 24.32 1.19 0.00 | 23.66 1.21 0.00 | 23.98 1.30 0.00 | 25.12 1.44 0.00 | 27.17 1.58 0.00 | 30.36 1.83 0.00 | 30.01 1.99 0.00 | 32.96 2.28 -0.01 | 33.19 2.35 0.00 | 34.24 2.47 0.00 | 34.15 2.44 0.00 | 35.02 2.39 0.00 | 34.59 2.27 0.00 | 44.92 2.82 0.00 | 39.39 2.34 0.00 | 36.46 2.14 0.00 | 32.62 1.77 0.00 | 30.11 1.57 0.00 | 27.63 1.33 0.00 |
| DANSKAMMER___4 23591 | 32.72 1.97 0.00 | 31.97 1.85 0.00 | 28.13 1.44 0.00 | 25.21 1.28 0.00 | 24.90 1.23 0.00 | 24.32 1.19 0.00 | 23.66 1.21 0.00 | 23.98 1.30 0.00 | 25.12 1.44 0.00 | 27.17 1.58 0.00 | 30.36 1.83 0.00 | 30.01 1.99 0.00 | 32.96 2.28 -0.01 | 33.19 2.35 0.00 | 34.24 2.47 0.00 | 34.15 2.44 0.00 | 35.02 2.39 0.00 | 34.59 2.27 0.00 | 44.92 2.82 0.00 | 39.39 2.34 0.00 | 36.46 2.14 0.00 | 32.62 1.77 0.00 | 30.11 1.57 0.00 | 27.63 1.33 0.00 |
| DANSKAMMER___DIESEL 23592 | 32.72 1.96 0.00 | 31.97 1.85 0.00 | 28.13 1.45 0.00 | 25.21 1.29 0.00 | 24.90 1.23 0.00 | 24.32 1.19 0.00 | 23.66 1.22 0.00 | 23.98 1.30 0.00 | 25.13 1.44 0.00 | 27.17 1.58 0.00 | 30.35 1.83 0.00 | 30.01 1.99 0.00 | 32.96 2.28 -0.01 | 33.19 2.36 0.00 | 34.24 2.47 0.00 | 34.15 2.44 0.00 | 35.02 2.39 0.00 | 34.59 2.27 0.00 | 44.92 2.82 0.00 | 39.39 2.34 0.00 | 36.46 2.14 0.00 | 32.62 1.77 0.00 | 30.10 1.57 0.00 | 27.63 1.33 0.00 |
| DARBY___SOLAR 323810 | 32.22 1.46 0.00 | 31.63 1.52 0.00 | 27.82 1.14 0.00 | 25.04 1.12 0.00 | 24.75 1.07 0.00 | 24.17 1.03 0.00 | 23.44 1.00 0.00 | 23.72 1.04 0.00 | 24.75 1.07 0.00 | 26.65 1.06 0.00 | 29.91 1.11 -0.28 | 29.10 1.09 0.00 | 31.96 1.31 0.02 | 32.10 1.27 0.00 | 33.07 1.31 0.00 | 32.94 1.22 0.00 | 33.90 1.28 0.00 | 33.64 1.32 0.00 | 43.98 1.88 0.00 | 38.79 1.73 0.00 | 35.97 1.65 0.00 | 32.14 1.28 0.00 | 29.65 1.12 0.00 | 27.28 0.98 0.00 |
| DASHVILLE___HYD 23610 | 32.28 1.53 0.00 | 31.53 1.42 0.00 | 27.75 1.07 0.00 | 24.86 0.94 0.00 | 24.57 0.90 0.00 | 23.99 0.85 0.00 | 23.34 0.90 0.00 | 23.66 0.98 0.00 | 24.80 1.12 0.00 | 26.84 1.25 0.00 | 29.97 1.44 0.00 | 29.66 1.64 0.00 | 32.56 1.89 0.00 | 32.79 1.96 0.00 | 33.83 2.07 0.00 | 33.75 2.04 0.00 | 34.53 1.91 0.00 | 34.09 1.76 0.00 | 44.21 2.11 0.00 | 38.74 1.69 0.00 | 35.87 1.55 0.00 | 32.11 1.25 0.00 | 29.66 1.13 0.00 | 27.22 0.93 0.00 |

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| DEERFIELD_69_KV_DEERFIELD LD 355887 | 34.44 3.68 0.00 | 33.61 3.49 0.00 | 29.44 2.76 0.00 | 26.05 2.12 0.00 | 25.66 1.99 0.00 | 25.01 1.87 0.00 | 24.81 2.36 0.00 | 25.13 2.45 0.00 | 26.56 2.88 0.00 | 28.71 3.10 -0.02 | 33.36 3.58 -1.25 | 31.71 3.69 0.00 | 34.65 3.96 -0.01 | 34.96 4.13 0.00 | 36.18 4.42 0.00 | 36.37 4.53 -0.14 | 45.08 4.57 -7.89 | 38.65 4.47 -1.86 | 52.38 4.96 -5.31 | 41.01 3.95 0.00 | 38.05 3.73 0.00 | 33.87 3.01 0.00 | 31.26 2.73 0.00 | 28.81 2.51 0.00 |
| DELAWARE___LFGE 323621 | 31.69 0.93 0.00 | 31.01 0.89 0.00 | 27.41 0.73 0.00 | 24.57 0.65 0.00 | 24.34 0.66 0.00 | 23.79 0.65 0.00 | 23.11 0.67 0.00 | 23.34 0.66 0.00 | 24.42 0.74 0.00 | 26.41 0.82 0.00 | 29.49 0.96 0.00 | 29.01 1.00 0.00 | 31.79 1.12 0.00 | 31.98 1.15 0.00 | 32.93 1.17 0.00 | 32.86 1.15 0.00 | 33.74 1.12 0.00 | 33.43 1.11 0.00 | 43.55 1.45 0.00 | 38.31 1.26 0.00 | 35.48 1.16 0.00 | 31.87 1.02 0.00 | 29.45 0.92 0.00 | 27.09 0.80 0.00 |
| DERFIELD_115KV_TB7 355931 | 30.79 0.04 0.00 | 30.16 0.04 0.00 | 26.69 0.00 0.00 | 23.93 0.01 0.00 | 23.67 0.00 0.00 | 23.14 0.00 0.00 | 22.45 0.00 0.00 | 22.69 0.00 0.00 | 23.70 0.02 0.00 | 25.60 0.01 0.00 | 28.54 0.01 0.00 | 28.04 0.03 0.00 | 30.69 0.02 0.00 | 30.86 0.03 0.00 | 31.81 0.05 0.00 | 31.72 0.01 0.00 | 32.62 -0.01 0.00 | 32.32 0.00 0.00 | 42.14 0.04 0.00 | 37.09 0.04 0.00 | 34.36 0.04 0.00 | 30.88 0.03 0.00 | 28.56 0.03 0.00 | 26.32 0.02 0.00 |
| DOGLEVILLE___HYD 23807 | 30.51 -0.25 0.00 | 29.98 -0.14 0.00 | 26.31 -0.37 0.00 | 23.65 -0.28 0.00 | 23.40 -0.27 0.00 | 22.92 -0.22 0.00 | 22.30 -0.15 0.00 | 22.48 -0.21 0.00 | 23.46 -0.22 0.00 | 25.21 -0.38 0.00 | 27.98 -0.54 0.00 | 27.48 -0.54 0.00 | 30.14 -0.53 0.00 | 30.40 -0.43 0.00 | 31.27 -0.50 0.00 | 31.15 -0.56 0.00 | 32.09 -0.53 0.00 | 31.90 -0.42 0.00 | 41.70 -0.39 0.00 | 36.89 -0.17 0.00 | 34.35 0.03 0.00 | 30.71 -0.15 0.00 | 28.24 -0.29 0.00 | 25.88 -0.42 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 30.98 0.22 0.00 | 30.48 0.37 0.00 | 27.11 0.42 0.00 | 24.27 0.35 0.00 | 24.09 0.42 0.00 | 23.66 0.52 0.00 | 22.90 0.46 0.00 | 23.05 0.37 0.00 | 24.19 0.51 0.00 | 26.35 0.76 0.00 | 29.66 1.13 0.00 | 29.20 1.19 0.00 | 32.13 1.46 0.00 | 32.22 1.39 0.00 | 33.00 1.24 0.00 | 32.84 1.13 0.00 | 33.59 0.96 0.00 | 33.33 1.00 0.00 | 43.32 1.22 0.00 | 38.12 1.06 0.00 | 35.26 0.94 0.00 | 32.13 1.28 0.00 | 29.93 1.39 0.00 | 27.60 1.31 0.00 |
| DUNKIRK___1 23563 | 30.98 0.22 0.00 | 30.48 0.37 0.00 | 27.11 0.42 0.00 | 24.27 0.35 0.00 | 24.09 0.42 0.00 | 23.66 0.52 0.00 | 22.90 0.46 0.00 | 23.05 0.37 0.00 | 24.19 0.51 0.00 | 26.35 0.76 0.00 | 29.66 1.13 0.00 | 29.20 1.19 0.00 | 32.13 1.46 0.00 | 32.22 1.39 0.00 | 33.00 1.24 0.00 | 32.84 1.13 0.00 | 33.59 0.96 0.00 | 33.33 1.00 0.00 | 43.32 1.22 0.00 | 38.12 1.06 0.00 | 35.26 0.94 0.00 | 32.13 1.28 0.00 | 29.93 1.39 0.00 | 27.60 1.31 0.00 |
| DUNKIRK___2 23564 | 30.98 0.22 0.00 | 30.48 0.37 0.00 | 27.11 0.42 0.00 | 24.27 0.35 0.00 | 24.09 0.42 0.00 | 23.66 0.52 0.00 | 22.90 0.46 0.00 | 23.05 0.37 0.00 | 24.19 0.51 0.00 | 26.35 0.76 0.00 | 29.66 1.13 0.00 | 29.20 1.19 0.00 | 32.13 1.46 0.00 | 32.22 1.39 0.00 | 33.00 1.24 0.00 | 32.84 1.13 0.00 | 33.59 0.96 0.00 | 33.33 1.00 0.00 | 43.32 1.22 0.00 | 38.12 1.06 0.00 | 35.26 0.94 0.00 | 32.13 1.28 0.00 | 29.93 1.39 0.00 | 27.60 1.31 0.00 |
| DUNKIRK___3 23565 | 30.82 0.07 0.00 | 30.32 0.20 0.00 | 26.95 0.27 0.00 | 24.13 0.21 0.00 | 23.96 0.29 0.00 | 23.53 0.39 0.00 | 22.77 0.33 0.00 | 22.91 0.22 0.00 | 24.03 0.35 0.00 | 26.17 0.58 0.00 | 29.46 0.93 0.00 | 29.00 0.98 0.00 | 31.90 1.23 0.00 | 31.97 1.14 0.00 | 32.74 0.98 0.00 | 32.59 0.88 0.00 | 33.31 0.69 0.00 | 33.06 0.74 0.00 | 42.94 0.84 0.00 | 37.79 0.73 0.00 | 34.96 0.64 0.00 | 31.88 1.03 0.00 | 29.71 1.18 0.00 | 27.43 1.13 0.00 |
| DUNKIRK___4 23566 | 30.82 0.07 0.00 | 30.32 0.20 0.00 | 26.95 0.27 0.00 | 24.13 0.21 0.00 | 23.96 0.29 0.00 | 23.53 0.39 0.00 | 22.77 0.33 0.00 | 22.91 0.22 0.00 | 24.03 0.35 0.00 | 26.17 0.58 0.00 | 29.46 0.93 0.00 | 29.00 0.98 0.00 | 31.90 1.23 0.00 | 31.97 1.14 0.00 | 32.74 0.98 0.00 | 32.59 0.88 0.00 | 33.31 0.69 0.00 | 33.06 0.74 0.00 | 42.94 0.84 0.00 | 37.79 0.73 0.00 | 34.96 0.64 0.00 | 31.88 1.03 0.00 | 29.71 1.18 0.00 | 27.43 1.13 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 32.77 2.01 0.00 | 32.02 1.90 0.00 | 28.15 1.46 0.00 | 25.19 1.27 0.00 | 24.89 1.21 0.00 | 24.29 1.15 0.00 | 23.65 1.21 0.00 | 23.97 1.28 0.00 | 25.14 1.45 0.00 | 27.21 1.61 0.00 | 31.65 1.89 -1.23 | 30.07 2.06 0.00 | 33.04 2.36 -0.01 | 33.25 2.42 0.00 | 34.27 2.51 0.00 | 34.14 2.43 0.00 | 34.92 2.30 0.00 | 34.41 2.09 0.00 | 44.57 2.48 0.00 | 39.05 1.99 0.00 | 36.20 1.88 0.00 | 32.43 1.58 0.00 | 29.99 1.46 0.00 | 27.57 1.27 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 32.40 1.65 0.00 | 31.66 1.54 0.00 | 27.90 1.21 0.00 | 24.99 1.07 0.00 | 24.69 1.02 0.00 | 24.12 0.98 0.00 | 23.46 1.01 0.00 | 23.77 1.08 0.00 | 24.89 1.21 0.00 | 26.92 1.33 0.28 | 29.78 1.53 0.00 | 29.71 1.69 0.00 | 32.63 1.95 -0.01 | 32.86 2.02 0.00 | 33.88 2.12 0.00 | 33.79 2.07 0.00 | 34.63 2.01 0.00 | 34.22 1.90 0.00 | 44.43 2.33 0.00 | 38.97 1.91 0.00 | 36.09 1.76 0.00 | 32.31 1.45 0.00 | 29.83 1.30 0.00 | 27.39 1.10 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 32.81 2.06 0.00 | 32.09 1.97 0.00 | 28.25 1.56 0.00 | 25.26 1.33 0.00 | 24.94 1.26 0.00 | 24.34 1.20 0.00 | 23.67 1.23 0.00 | 24.00 1.32 0.00 | 25.17 1.49 0.00 | 27.22 1.63 0.00 | 31.66 1.90 -1.23 | 30.11 2.09 0.00 | 33.07 2.39 -0.01 | 33.26 2.43 0.00 | 34.33 2.57 0.00 | 34.18 2.47 0.00 | 34.93 2.31 0.00 | 34.39 2.07 0.00 | 44.51 2.42 0.00 | 39.05 1.99 0.00 | 36.22 1.90 0.00 | 32.45 1.60 0.00 | 29.98 1.45 0.00 | 27.59 1.29 0.00 |
| E179THST_13_KV_LOAD 356214 | 33.01 2.25 0.00 | 32.27 2.16 0.00 | 28.41 1.72 0.00 | 25.39 1.46 0.00 | 25.07 1.40 0.00 | 24.47 1.33 0.00 | 23.79 1.35 0.00 | 24.12 1.44 0.00 | 25.31 1.63 0.00 | 27.37 1.78 0.00 | 31.83 2.07 -1.23 | 30.28 2.26 0.00 | 33.27 2.59 -0.01 | 33.46 2.63 0.00 | 34.52 2.76 0.00 | 34.39 2.68 0.00 | 35.13 2.51 0.00 | 34.60 2.28 0.00 | 44.79 2.69 0.00 | 39.27 2.22 0.00 | 36.43 2.11 0.00 | 32.65 1.79 0.00 | 30.15 1.62 0.00 | 27.75 1.45 0.00 |
| EAST HAMPTON___GT 23717 | 35.07 4.32 0.00 | 34.18 4.07 0.00 | 29.92 3.24 0.00 | 26.46 2.54 0.00 | 26.06 2.39 0.00 | 25.40 2.26 0.00 | 25.18 2.74 0.00 | 25.54 2.86 0.00 | 27.04 3.37 0.00 | 29.31 3.69 -0.02 | 34.04 4.27 -1.25 | 32.39 4.37 0.00 | 35.32 4.64 -0.01 | 35.66 4.82 0.00 | 36.94 5.18 0.00 | 37.18 5.33 -0.14 | 45.92 5.40 -7.89 | 39.48 5.30 -1.86 | 53.47 6.05 -5.32 | 41.89 4.83 0.00 | 38.87 4.55 0.00 | 34.57 3.71 0.00 | 31.86 3.32 0.00 | 29.39 3.10 0.00 |
| EAST RIVER___6 23660 | 32.94 2.18 0.00 | 32.17 2.05 0.00 | 28.29 1.61 0.00 | 25.31 1.39 0.00 | 25.01 1.34 0.00 | 24.41 1.28 0.00 | 23.80 1.36 0.00 | 24.13 1.45 0.00 | 25.27 1.60 0.00 | 27.36 1.77 0.00 | 31.83 2.07 -1.23 | 30.29 2.27 0.00 | 33.28 2.60 -0.01 | 33.52 2.68 0.00 | 34.54 2.77 0.00 | 34.39 2.68 0.00 | 35.14 2.52 0.00 | 34.55 2.23 0.00 | 44.77 2.68 0.00 | 39.22 2.16 0.00 | 36.34 2.02 0.00 | 32.58 1.73 0.00 | 30.16 1.63 0.00 | 27.72 1.43 0.00 |

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| EAST_RIVER___7 23524 | 32.94 2.18 0.00 | 32.17 2.05 0.00 | 28.29 1.61 0.00 | 25.31 1.39 0.00 | 25.01 1.34 0.00 | 24.41 1.28 0.00 | 23.80 1.36 0.00 | 24.13 1.45 0.00 | 25.27 1.60 0.00 | 27.36 1.77 0.00 | 31.83 2.07 -1.23 | 30.29 2.27 0.00 | 33.28 2.60 -0.01 | 33.52 2.68 0.00 | 34.54 2.77 0.00 | 34.39 2.68 0.00 | 35.14 2.52 0.00 | 34.55 2.23 0.00 | 44.77 2.68 0.00 | 39.22 2.16 0.00 | 36.34 2.02 0.00 | 32.58 1.73 0.00 | 30.16 1.63 0.00 | 27.72 1.43 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 32.68 1.93 0.00 | 31.95 1.83 0.00 | 28.08 1.40 0.00 | 25.13 1.20 0.00 | 24.82 1.15 0.00 | 24.24 1.10 0.00 | 23.59 1.15 0.00 | 23.91 1.23 0.00 | 25.07 1.39 0.00 | 27.13 1.54 0.00 | 31.64 1.81 -1.31 | 29.99 1.97 0.00 | 32.93 2.25 -0.01 | 33.15 2.32 0.00 | 34.17 2.41 0.00 | 34.04 2.33 0.00 | 34.83 2.20 0.00 | 34.33 2.01 0.00 | 44.49 2.40 0.00 | 39.00 1.94 0.00 | 36.14 1.82 0.00 | 32.37 1.52 0.00 | 29.92 1.39 0.00 | 27.51 1.21 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 35.08 4.32 0.00 | 34.19 4.07 0.00 | 29.92 3.24 0.00 | 26.46 2.54 0.00 | 26.06 2.39 0.00 | 25.40 2.26 0.00 | 25.19 2.75 0.00 | 25.55 2.87 0.00 | 27.04 3.37 0.00 | 29.31 3.70 -0.02 | 34.05 4.28 -1.25 | 32.39 4.38 0.00 | 35.33 4.64 -0.01 | 35.66 4.82 0.00 | 36.95 5.19 0.00 | 37.20 5.34 -0.14 | 45.93 5.41 -7.89 | 39.49 5.31 -1.86 | 53.48 6.07 -5.32 | 41.89 4.84 0.00 | 38.88 4.56 0.00 | 34.58 3.73 0.00 | 31.87 3.34 0.00 | 29.40 3.11 0.00 |
| EAST_PULASKI___ESR 323781 | 30.52 -0.24 0.00 | 29.85 -0.27 0.00 | 26.37 -0.31 0.00 | 23.61 -0.31 0.00 | 23.33 -0.34 0.00 | 22.78 -0.36 0.00 | 22.07 -0.38 0.00 | 22.29 -0.39 0.00 | 23.30 -0.38 0.00 | 25.18 -0.41 0.00 | 28.04 -0.49 0.00 | 27.50 -0.52 0.00 | 30.06 -0.61 0.00 | 30.31 -0.52 0.00 | 31.26 -0.51 0.00 | 31.20 -0.51 0.00 | 32.13 -0.49 0.00 | 31.99 -0.33 0.00 | 41.89 -0.21 0.00 | 37.01 -0.04 0.00 | 34.30 -0.03 0.00 | 30.76 -0.09 0.00 | 28.42 -0.11 0.00 | 26.24 -0.06 0.00 |
| EAST_RIVER___1 323558 | 32.88 2.12 0.00 | 32.11 2.00 0.00 | 28.24 1.56 0.00 | 25.27 1.34 0.00 | 24.97 1.30 0.00 | 24.36 1.23 0.00 | 23.74 1.29 0.00 | 24.07 1.39 0.00 | 25.23 1.55 0.00 | 27.33 1.73 0.00 | 31.78 2.02 -1.23 | 30.24 2.22 0.00 | 33.22 2.54 -0.01 | 33.44 2.61 0.00 | 34.44 2.68 0.00 | 34.30 2.60 0.00 | 35.05 2.43 0.00 | 34.47 2.15 0.00 | 44.66 2.57 0.00 | 39.12 2.07 0.00 | 36.26 1.94 0.00 | 32.51 1.65 0.00 | 30.08 1.55 0.00 | 27.66 1.36 0.00 |
| EAST_RIVER___2 323559 | 32.94 2.18 0.00 | 32.17 2.05 0.00 | 28.29 1.61 0.00 | 25.31 1.39 0.00 | 25.01 1.34 0.00 | 24.41 1.28 0.00 | 23.80 1.36 0.00 | 24.13 1.45 0.00 | 25.27 1.60 0.00 | 27.36 1.77 0.00 | 31.83 2.07 -1.23 | 30.29 2.27 0.00 | 33.28 2.60 -0.01 | 33.52 2.68 0.00 | 34.54 2.77 0.00 | 34.39 2.68 0.00 | 35.14 2.52 0.00 | 34.55 2.23 0.00 | 44.77 2.68 0.00 | 39.22 2.16 0.00 | 36.34 2.02 0.00 | 32.58 1.73 0.00 | 30.16 1.63 0.00 | 27.72 1.43 0.00 |
| EAST___DELAWARE_HYD 23607 | 32.29 1.53 0.00 | 31.50 1.38 0.00 | 27.73 1.05 0.00 | 24.82 0.90 0.00 | 24.52 0.85 0.00 | 23.95 0.81 0.00 | 23.30 0.85 0.00 | 23.62 0.93 0.00 | 24.73 1.05 0.00 | 26.62 1.03 0.00 | 28.81 0.46 0.17 | 28.68 0.66 0.00 | 31.48 0.81 -0.01 | 31.75 0.92 0.00 | 32.76 1.00 0.00 | 32.69 0.98 0.00 | 33.54 0.92 0.00 | 33.26 0.94 0.00 | 43.26 1.16 0.00 | 37.98 0.92 0.00 | 35.11 0.79 0.00 | 31.51 0.66 0.00 | 29.81 1.28 0.00 | 27.34 1.04 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 30.69 -0.06 0.00 | 30.43 0.31 0.00 | 27.20 0.51 0.00 | 24.37 0.45 0.00 | 24.12 0.45 0.00 | 23.59 0.45 0.00 | 22.73 0.29 0.00 | 22.81 0.12 0.00 | 23.99 0.31 0.00 | 26.13 0.53 0.00 | 29.12 0.59 0.00 | 28.61 0.60 0.00 | 31.52 0.85 0.00 | 31.64 0.81 0.00 | 32.49 0.73 0.00 | 32.49 0.78 0.00 | 33.21 0.58 0.00 | 33.07 0.75 0.00 | 43.29 1.20 0.00 | 38.25 1.20 0.00 | 35.54 1.22 0.00 | 32.26 1.40 0.00 | 29.91 1.38 0.00 | 27.56 1.27 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 30.64 -0.11 0.00 | 29.95 -0.16 0.00 | 26.56 -0.12 0.00 | 23.78 -0.14 0.00 | 23.56 -0.11 0.00 | 23.03 -0.10 0.00 | 22.36 -0.08 0.00 | 22.59 -0.09 0.00 | 23.65 -0.03 0.00 | 25.56 -0.03 0.00 | 28.58 0.06 0.00 | 28.11 0.09 0.00 | 30.75 0.08 0.00 | 30.88 0.05 0.00 | 31.78 0.02 0.00 | 31.74 0.03 0.00 | 32.62 0.00 0.00 | 32.40 0.07 0.00 | 42.15 0.05 0.00 | 37.15 0.10 0.00 | 34.40 0.08 0.00 | 31.00 0.15 0.00 | 28.62 0.09 0.00 | 26.46 0.16 0.00 |
| ELEC_TRO_TEK 24086 | 33.13 2.38 0.00 | 32.41 2.29 0.00 | 28.44 1.76 0.00 | 25.33 1.41 0.00 | 25.01 1.33 0.00 | 24.39 1.24 0.00 | 23.84 1.39 0.00 | 24.16 1.47 0.00 | 25.39 1.71 0.00 | 27.51 1.90 -0.02 | 31.98 2.21 -1.25 | 30.35 2.33 0.00 | 33.21 2.53 -0.01 | 33.42 2.59 0.00 | 34.47 2.71 0.00 | 34.35 2.64 0.00 | 35.18 2.56 0.00 | 34.69 2.37 0.00 | 44.67 2.57 0.00 | 39.07 2.02 0.00 | 36.25 1.93 0.00 | 32.44 1.59 0.00 | 30.02 1.49 0.00 | 27.65 1.36 0.00 |
| ELLENBURG_WT_PWR 323604 | 30.88 0.12 0.00 | 29.91 -0.21 0.00 | 26.18 -0.51 0.00 | 23.30 -0.62 0.00 | 23.03 -0.64 0.00 | 22.53 -0.61 0.00 | 21.82 -0.63 0.00 | 22.03 -0.66 0.00 | 23.02 -0.66 0.00 | 25.00 -0.59 0.00 | 27.93 -0.60 0.00 | 27.09 -0.92 0.00 | 29.65 -1.02 0.00 | 29.64 -1.19 0.00 | 30.60 -1.17 0.00 | 31.18 -0.54 0.00 | 32.78 0.16 0.00 | 32.58 0.26 0.00 | 42.48 0.39 0.00 | 37.44 0.39 0.00 | 34.78 0.45 0.00 | 31.18 0.33 0.00 | 28.87 0.34 0.00 | 26.48 0.19 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 30.63 -0.13 0.00 | 30.11 -0.01 0.00 | 26.78 0.10 0.00 | 23.99 0.07 0.00 | 23.82 0.15 0.00 | 23.40 0.26 0.00 | 22.59 0.15 0.00 | 22.69 0.01 0.00 | 23.77 0.09 0.00 | 25.85 0.26 0.00 | 29.18 0.66 0.00 | 28.71 0.69 0.00 | 31.54 0.87 0.00 | 31.56 0.72 0.00 | 32.29 0.53 0.00 | 32.12 0.41 0.00 | 32.84 0.21 0.00 | 32.58 0.26 0.00 | 42.24 0.14 0.00 | 37.22 0.17 0.00 | 34.43 0.10 0.00 | 31.54 0.68 0.00 | 29.47 0.94 0.00 | 27.26 0.96 0.00 |
| EMPIRE_CC_1 323656 | 31.39 0.63 0.00 | 30.88 0.76 0.00 | 27.23 0.54 0.00 | 24.62 0.70 0.00 | 24.31 0.64 0.00 | 23.75 0.61 0.00 | 23.00 0.56 0.00 | 23.26 0.58 0.00 | 24.25 0.58 0.00 | 26.05 0.45 0.00 | 29.36 0.49 -0.34 | 28.52 0.51 0.00 | 31.27 0.63 0.03 | 31.44 0.61 0.00 | 32.41 0.65 0.00 | 32.22 0.51 0.00 | 33.13 0.50 0.00 | 32.76 0.43 0.00 | 42.66 0.56 0.00 | 37.57 0.52 0.00 | 34.80 0.48 0.00 | 31.14 0.29 0.00 | 28.77 0.24 0.00 | 26.51 0.21 0.00 |
| EMPIRE_CC_2 323658 | 31.39 0.63 0.00 | 30.88 0.76 0.00 | 27.23 0.54 0.00 | 24.62 0.70 0.00 | 24.31 0.64 0.00 | 23.75 0.61 0.00 | 23.00 0.56 0.00 | 23.26 0.58 0.00 | 24.25 0.58 0.00 | 26.05 0.45 0.00 | 29.36 0.49 -0.34 | 28.52 0.51 0.00 | 31.27 0.63 0.03 | 31.44 0.61 0.00 | 32.41 0.65 0.00 | 32.22 0.51 0.00 | 33.13 0.50 0.00 | 32.76 0.43 0.00 | 42.66 0.56 0.00 | 37.57 0.52 0.00 | 34.80 0.48 0.00 | 31.14 0.29 0.00 | 28.77 0.24 0.00 | 26.51 0.21 0.00 |
| ENORWICH_115KV_TB1 80156 | 32.71 1.96 0.00 | 32.03 1.92 0.00 | 28.31 1.62 0.00 | 25.32 1.39 0.00 | 25.03 1.36 0.00 | 24.57 1.43 0.00 | 23.87 1.43 0.00 | 24.08 1.40 0.00 | 25.11 1.44 0.00 | 26.94 1.35 0.00 | 30.12 1.59 0.00 | 29.53 1.52 0.00 | 32.36 1.69 0.00 | 32.45 1.61 0.00 | 33.33 1.57 0.00 | 33.31 1.60 0.00 | 34.47 1.85 0.00 | 34.65 2.33 0.00 | 45.43 3.33 0.00 | 40.28 3.22 0.00 | 37.35 3.03 0.00 | 33.65 2.79 0.00 | 30.96 2.43 0.00 | 28.38 2.09 0.00 |

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| ERIE_ST__34_KV_TB1-2 80199 | 30.88 0.12 0.00 | 30.34 0.23 0.00 | 26.95 0.27 0.00 | 24.12 0.20 0.00 | 23.94 0.27 0.00 | 23.53 0.39 0.00 | 22.72 0.28 0.00 | 22.85 0.17 0.00 | 23.94 0.26 0.00 | 26.09 0.50 0.00 | 29.44 0.91 0.00 | 29.00 0.98 0.00 | 31.88 1.21 0.00 | 31.92 1.09 0.00 | 32.68 0.92 0.00 | 32.52 0.81 0.00 | 33.28 0.66 0.00 | 33.03 0.71 0.00 | 42.84 0.74 0.00 | 37.74 0.69 0.00 | 34.86 0.53 0.00 | 31.84 0.99 0.00 | 29.71 1.18 0.00 | 27.45 1.15 0.00 |
| ERIE_WT_PWR 323693 | 30.81 0.05 0.00 | 30.28 0.17 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.94 0.26 0.00 | 23.51 0.37 0.00 | 22.70 0.26 0.00 | 22.81 0.12 0.00 | 23.90 0.22 0.00 | 25.98 0.38 0.00 | 29.32 0.79 0.00 | 28.84 0.82 0.00 | 31.68 1.01 0.00 | 31.70 0.87 0.00 | 32.48 0.72 0.00 | 32.31 0.60 0.00 | 33.04 0.42 0.00 | 32.80 0.48 0.00 | 42.55 0.45 0.00 | 37.51 0.46 0.00 | 34.68 0.36 0.00 | 31.74 0.89 0.00 | 29.63 1.10 0.00 | 27.39 1.10 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 32.74 1.99 0.00 | 31.92 1.80 0.00 | 28.31 1.63 0.00 | 25.30 1.38 0.00 | 25.04 1.36 0.00 | 24.52 1.38 0.00 | 23.79 1.34 0.00 | 24.00 1.32 0.00 | 25.07 1.40 0.00 | 27.17 1.58 0.00 | 30.34 1.82 0.00 | 29.76 1.75 0.00 | 32.55 1.89 0.01 | 32.74 1.91 0.00 | 33.70 1.94 0.00 | 33.70 1.99 0.00 | 34.64 2.02 0.00 | 34.44 2.12 0.00 | 45.05 2.95 0.00 | 39.80 2.75 0.00 | 36.88 2.56 0.00 | 33.26 2.41 0.00 | 30.74 2.21 0.00 | 28.30 2.01 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 31.32 0.56 0.00 | 30.64 0.52 0.00 | 27.14 0.45 0.00 | 24.30 0.37 0.00 | 24.07 0.39 0.00 | 23.54 0.40 0.00 | 22.85 0.41 0.00 | 23.08 0.39 0.00 | 24.13 0.45 0.00 | 26.04 0.45 0.00 | 29.05 0.53 0.00 | 28.57 0.56 0.00 | 31.29 0.62 0.00 | 31.47 0.64 0.00 | 32.39 0.63 0.00 | 32.34 0.62 0.00 | 33.29 0.67 0.00 | 33.15 0.83 0.00 | 43.24 1.14 0.00 | 38.15 1.09 0.00 | 35.37 1.05 0.00 | 31.86 1.00 0.00 | 29.39 0.86 0.00 | 27.08 0.79 0.00 |
| ETNA____115KV_TB2 80207 | 31.32 0.56 0.00 | 30.64 0.52 0.00 | 27.14 0.45 0.00 | 24.30 0.37 0.00 | 24.07 0.39 0.00 | 23.54 0.40 0.00 | 22.85 0.41 0.00 | 23.08 0.39 0.00 | 24.13 0.45 0.00 | 26.04 0.45 0.00 | 29.05 0.53 0.00 | 28.57 0.56 0.00 | 31.29 0.62 0.00 | 31.47 0.64 0.00 | 32.39 0.63 0.00 | 32.34 0.62 0.00 | 33.29 0.67 0.00 | 33.15 0.83 0.00 | 43.24 1.14 0.00 | 38.15 1.09 0.00 | 35.37 1.05 0.00 | 31.86 1.00 0.00 | 29.39 0.86 0.00 | 27.08 0.79 0.00 |
| EUCLID____115KV_TB2 356179 | 30.39 -0.37 0.00 | 29.76 -0.36 0.00 | 26.35 -0.34 0.00 | 23.62 -0.31 0.00 | 23.38 -0.29 0.00 | 22.87 -0.27 0.00 | 22.17 -0.27 0.00 | 22.40 -0.29 0.00 | 23.43 -0.25 0.00 | 25.37 -0.22 0.00 | 28.36 -0.16 0.00 | 27.87 -0.15 0.00 | 30.47 -0.20 0.00 | 30.64 -0.23 0.00 | 31.53 -0.23 0.00 | 31.44 -0.28 0.00 | 32.31 -0.31 0.00 | 32.04 -0.28 0.00 | 41.76 -0.34 0.00 | 36.76 -0.30 0.00 | 34.04 -0.28 0.00 | 30.67 -0.18 0.00 | 28.38 -0.15 0.00 | 26.21 -0.08 0.00 |
| E_CANADA_CAP_HY 24051 | 33.28 2.53 0.00 | 32.44 2.33 0.00 | 28.77 2.09 0.00 | 25.73 1.81 0.00 | 25.43 1.75 0.00 | 24.91 1.76 0.00 | 24.13 1.68 0.00 | 24.32 1.64 0.00 | 25.36 1.68 0.00 | 27.45 1.85 0.00 | 30.81 2.09 -0.19 | 29.97 1.95 0.00 | 32.78 2.13 0.01 | 32.96 2.13 0.00 | 33.94 2.18 0.00 | 33.94 2.23 0.00 | 34.90 2.27 0.00 | 34.73 2.41 0.00 | 45.51 3.41 0.00 | 40.34 3.28 0.00 | 37.40 3.08 0.00 | 33.75 2.90 0.00 | 31.20 2.67 0.00 | 28.72 2.42 0.00 |
| E_CANADA_MHWK_HY 24050 | 30.51 -0.25 0.00 | 29.98 -0.14 0.00 | 26.31 -0.37 0.00 | 23.65 -0.28 0.00 | 23.40 -0.27 0.00 | 22.92 -0.22 0.00 | 22.30 -0.15 0.00 | 22.48 -0.21 0.00 | 23.46 -0.22 0.00 | 25.21 -0.38 0.00 | 27.98 -0.54 0.00 | 27.48 -0.54 0.00 | 30.14 -0.53 0.00 | 30.40 -0.43 0.00 | 31.27 -0.50 0.00 | 31.15 -0.56 0.00 | 32.09 -0.53 0.00 | 31.90 -0.42 0.00 | 41.70 -0.39 0.00 | 36.89 -0.17 0.00 | 34.35 0.03 0.00 | 30.71 -0.15 0.00 | 28.24 -0.29 0.00 | 25.88 -0.42 0.00 |
| E_FISHKILL____LBMP 23776 | 32.34 1.59 0.00 | 31.64 1.52 0.00 | 27.85 1.17 0.00 | 24.96 1.04 0.00 | 24.67 0.99 0.00 | 24.08 0.94 0.00 | 23.43 0.99 0.00 | 23.74 1.06 0.00 | 24.87 1.19 0.00 | 26.87 1.28 0.00 | 30.49 1.49 -0.48 | 29.64 1.63 0.00 | 32.55 1.87 -0.01 | 32.75 1.92 0.00 | 33.76 2.00 0.00 | 33.64 1.93 0.00 | 34.46 1.84 0.00 | 34.00 1.67 0.00 | 44.11 2.02 0.00 | 38.70 1.65 0.00 | 35.86 1.54 0.00 | 32.11 1.26 0.00 | 29.67 1.14 0.00 | 27.27 0.97 0.00 |
| FALCON____SEABRD_CC1 323796 | 31.32 0.56 0.00 | 30.32 0.20 0.00 | 26.46 -0.22 0.00 | 23.60 -0.33 0.00 | 23.33 -0.35 0.00 | 22.82 -0.31 0.00 | 22.13 -0.31 0.00 | 22.34 -0.34 0.00 | 23.34 -0.34 0.00 | 25.31 -0.28 0.00 | 28.31 -0.22 0.00 | 27.43 -0.58 0.00 | 30.02 -0.65 0.00 | 30.00 -0.83 0.00 | 30.93 -0.83 0.00 | 31.51 -0.21 0.00 | 33.18 0.55 0.00 | 33.01 0.69 0.00 | 43.01 0.92 0.00 | 37.89 0.84 0.00 | 35.23 0.91 0.00 | 31.55 0.70 0.00 | 29.21 0.68 0.00 | 26.78 0.48 0.00 |
| FALCON____SEABRD_CC2 323797 | 31.32 0.56 0.00 | 30.32 0.20 0.00 | 26.46 -0.22 0.00 | 23.60 -0.33 0.00 | 23.33 -0.35 0.00 | 22.82 -0.31 0.00 | 22.13 -0.31 0.00 | 22.34 -0.34 0.00 | 23.34 -0.34 0.00 | 25.31 -0.28 0.00 | 28.31 -0.22 0.00 | 27.43 -0.58 0.00 | 30.02 -0.65 0.00 | 30.00 -0.83 0.00 | 30.93 -0.83 0.00 | 31.51 -0.21 0.00 | 33.18 0.55 0.00 | 33.01 0.69 0.00 | 43.01 0.92 0.00 | 37.89 0.84 0.00 | 35.23 0.91 0.00 | 31.55 0.70 0.00 | 29.21 0.68 0.00 | 26.78 0.48 0.00 |
| FAR ROCKAWAY____4 23548 | 33.78 3.02 0.00 | 33.01 2.90 0.00 | 28.95 2.26 0.00 | 25.77 1.84 0.00 | 25.42 1.75 0.00 | 24.78 1.65 0.00 | 24.21 1.77 0.00 | 24.55 1.86 0.00 | 25.83 2.15 0.00 | 28.00 2.39 -0.02 | 32.53 2.76 -1.25 | 30.90 2.89 0.00 | 33.73 3.05 -0.01 | 33.93 3.10 0.00 | 35.03 3.27 0.00 | 34.82 3.11 0.00 | 35.66 3.03 0.00 | 35.06 2.74 0.00 | 45.46 3.37 0.00 | 39.74 2.69 0.00 | 36.86 2.54 0.00 | 33.08 2.23 0.00 | 30.57 2.04 0.00 | 28.13 1.84 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 32.89 2.14 0.00 | 32.12 2.01 0.00 | 28.26 1.58 0.00 | 25.29 1.36 0.00 | 24.98 1.31 0.00 | 24.38 1.24 0.00 | 23.74 1.30 0.00 | 24.08 1.39 0.00 | 25.25 1.57 0.00 | 27.34 1.75 0.00 | 31.80 2.04 -1.23 | 30.25 2.24 0.00 | 33.24 2.56 -0.01 | 33.45 2.62 0.00 | 34.46 2.70 0.00 | 34.32 2.61 0.00 | 35.07 2.45 0.00 | 34.50 2.17 0.00 | 44.67 2.58 0.00 | 39.13 2.08 0.00 | 36.28 1.96 0.00 | 32.52 1.67 0.00 | 30.10 1.57 0.00 | 27.68 1.38 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 32.92 2.17 0.00 | 32.16 2.04 0.00 | 28.29 1.60 0.00 | 25.31 1.39 0.00 | 25.01 1.33 0.00 | 24.40 1.26 0.00 | 23.76 1.32 0.00 | 24.10 1.41 0.00 | 25.27 1.59 0.00 | 27.36 1.77 0.00 | 31.82 2.06 -1.23 | 30.28 2.26 0.00 | 33.26 2.58 -0.01 | 33.47 2.64 0.00 | 34.49 2.72 0.00 | 34.35 2.64 0.00 | 35.10 2.48 0.00 | 34.52 2.20 0.00 | 44.71 2.61 0.00 | 39.17 2.11 0.00 | 36.32 1.99 0.00 | 32.56 1.70 0.00 | 30.13 1.60 0.00 | 27.70 1.40 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 32.87 2.11 0.00 | 32.11 2.00 0.00 | 28.24 1.56 0.00 | 25.27 1.35 0.00 | 24.97 1.29 0.00 | 24.36 1.23 0.00 | 23.74 1.30 0.00 | 24.06 1.38 0.00 | 25.24 1.56 0.00 | 27.33 1.74 0.00 | 31.77 2.02 -1.23 | 30.24 2.22 0.00 | 33.22 2.54 -0.01 | 33.43 2.59 0.00 | 34.44 2.68 0.00 | 34.30 2.59 0.00 | 35.04 2.42 0.00 | 34.47 2.14 0.00 | 44.64 2.55 0.00 | 39.11 2.06 0.00 | 36.25 1.93 0.00 | 32.49 1.64 0.00 | 30.07 1.54 0.00 | 27.66 1.36 0.00 |

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| FARRAGUT___LBMP 323566 | 32.84 2.09 0.00 | 32.08 1.97 0.00 | 28.23 1.54 0.00 | 25.25 1.33 0.00 | 24.96 1.28 0.00 | 24.35 1.21 0.00 | 23.72 1.27 0.00 | 24.04 1.36 0.00 | 25.22 1.53 0.00 | 27.30 1.71 0.00 | 31.75 1.99 -1.23 | 30.21 2.20 0.00 | 33.19 2.51 -0.01 | 33.40 2.56 0.00 | 34.41 2.64 0.00 | 34.26 2.55 0.00 | 35.01 2.39 0.00 | 34.44 2.11 0.00 | 44.60 2.50 0.00 | 39.08 2.02 0.00 | 36.23 1.90 0.00 | 32.47 1.62 0.00 | 30.05 1.52 0.00 | 27.63 1.34 0.00 |
| FENNER___WINDPWR 24204 | 31.30 0.54 0.00 | 30.62 0.51 0.00 | 27.08 0.40 0.00 | 24.25 0.33 0.00 | 23.97 0.30 0.00 | 23.43 0.29 0.00 | 22.73 0.29 0.00 | 22.96 0.27 0.00 | 24.01 0.34 0.00 | 25.97 0.38 0.00 | 28.94 0.41 0.00 | 28.43 0.41 0.00 | 31.08 0.41 0.00 | 31.30 0.47 0.00 | 32.26 0.50 0.00 | 32.21 0.50 0.00 | 33.16 0.54 0.00 | 32.94 0.62 0.00 | 43.05 0.95 0.00 | 38.00 0.94 0.00 | 35.23 0.91 0.00 | 31.67 0.82 0.00 | 29.24 0.71 0.00 | 26.92 0.62 0.00 |
| FIBERTEK___ENERGY 23856 | 30.74 -0.02 0.00 | 30.08 -0.03 0.00 | 26.64 -0.04 0.00 | 23.87 -0.05 0.00 | 23.64 -0.03 0.00 | 23.12 -0.02 0.00 | 22.42 -0.02 0.00 | 22.66 -0.02 0.00 | 23.71 0.03 0.00 | 25.66 0.07 0.00 | 28.67 0.15 0.00 | 28.19 0.17 0.00 | 30.84 0.17 0.00 | 31.00 0.17 0.00 | 31.92 0.15 0.00 | 31.86 0.15 0.00 | 32.75 0.13 0.00 | 32.50 0.18 0.00 | 42.34 0.25 0.00 | 37.30 0.25 0.00 | 34.52 0.20 0.00 | 31.10 0.24 0.00 | 28.73 0.20 0.00 | 26.53 0.23 0.00 |
| FITZPATRICK____ 23598 | 29.93 -0.83 0.00 | 29.31 -0.81 0.00 | 25.96 -0.73 0.00 | 23.26 -0.66 0.00 | 23.03 -0.64 0.00 | 22.52 -0.62 0.00 | 21.84 -0.61 0.00 | 22.06 -0.62 0.00 | 23.07 -0.61 0.00 | 24.96 -0.63 0.00 | 27.88 -0.64 0.00 | 27.38 -0.64 0.00 | 29.89 -0.78 0.00 | 30.05 -0.78 0.00 | 30.94 -0.83 0.00 | 30.86 -0.85 0.00 | 31.73 -0.89 0.00 | 31.47 -0.85 0.00 | 41.00 -1.10 0.00 | 36.10 -0.96 0.00 | 33.43 -0.89 0.00 | 30.11 -0.75 0.00 | 27.87 -0.66 0.00 | 25.77 -0.52 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 33.67 2.91 0.00 | 32.93 2.82 0.00 | 28.87 2.18 0.00 | 25.59 1.67 0.00 | 25.23 1.56 0.00 | 24.59 1.45 0.00 | 24.23 1.78 0.00 | 24.55 1.86 0.00 | 25.86 2.18 0.00 | 27.98 2.37 -0.02 | 32.52 2.75 -1.25 | 30.86 2.84 0.00 | 33.72 3.04 -0.01 | 33.99 3.16 0.00 | 35.09 3.33 0.00 | 35.25 3.35 -0.18 | 45.04 3.25 -9.17 | 37.06 3.05 -1.69 | 49.58 3.13 -4.35 | 39.49 2.43 0.00 | 36.79 2.47 0.00 | 32.83 1.98 0.00 | 30.42 1.89 0.00 | 28.03 1.74 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 32.79 2.04 0.00 | 32.04 1.92 0.00 | 28.19 1.50 0.00 | 25.26 1.33 0.00 | 24.96 1.28 0.00 | 24.37 1.23 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.18 1.50 0.00 | 27.23 1.64 0.00 | 30.43 1.90 0.00 | 30.08 2.06 0.00 | 33.05 2.37 -0.01 | 33.27 2.44 0.00 | 34.32 2.56 0.00 | 34.24 2.53 0.00 | 35.11 2.49 0.00 | 34.68 2.36 0.00 | 45.03 2.94 0.00 | 39.48 2.43 0.00 | 36.54 2.22 0.00 | 32.70 1.84 0.00 | 30.17 1.64 0.00 | 27.69 1.39 0.00 |
| FORT ORANGE____ 23900 | 31.51 0.75 0.00 | 30.93 0.82 0.00 | 27.27 0.59 0.00 | 24.54 0.62 0.00 | 24.26 0.59 0.00 | 23.71 0.57 0.00 | 22.99 0.55 0.00 | 23.25 0.57 0.00 | 24.28 0.60 0.00 | 26.11 0.52 0.00 | 29.39 0.58 -0.28 | 28.64 0.62 0.00 | 31.40 0.74 0.01 | 31.58 0.75 0.00 | 32.57 0.81 0.00 | 32.44 0.73 0.00 | 33.35 0.73 0.00 | 33.04 0.72 0.00 | 43.05 0.96 0.00 | 37.93 0.87 0.00 | 35.12 0.80 0.00 | 31.43 0.58 0.00 | 29.00 0.46 0.00 | 26.67 0.37 0.00 |
| FORT_DRUM_COGEN 23780 | 31.41 0.65 0.00 | 30.63 0.52 0.00 | 26.93 0.25 0.00 | 24.03 0.11 0.00 | 23.62 -0.05 0.00 | 22.94 -0.20 0.00 | 22.18 -0.27 0.00 | 22.40 -0.29 0.00 | 23.38 -0.30 0.00 | 25.09 -0.50 0.00 | 27.71 -0.82 0.00 | 27.02 -0.99 0.00 | 29.58 -1.09 0.00 | 30.09 -0.75 0.00 | 31.17 -0.59 0.00 | 31.20 -0.51 0.00 | 32.33 -0.29 0.00 | 32.46 0.14 0.00 | 43.05 0.95 0.00 | 38.38 1.33 0.00 | 35.60 1.28 0.00 | 31.61 0.75 0.00 | 29.06 0.53 0.00 | 26.75 0.45 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 33.78 3.02 0.00 | 33.01 2.90 0.00 | 28.95 2.26 0.00 | 25.77 1.84 0.00 | 25.42 1.75 0.00 | 24.79 1.65 0.00 | 24.21 1.77 0.00 | 24.55 1.86 0.00 | 25.83 2.15 0.00 | 28.00 2.39 -0.02 | 32.54 2.77 -1.25 | 30.90 2.89 0.00 | 33.73 3.05 -0.01 | 33.93 3.10 0.00 | 35.03 3.27 0.00 | 34.82 3.11 0.00 | 35.66 3.03 0.00 | 35.05 2.73 0.00 | 45.46 3.37 0.00 | 39.74 2.69 0.00 | 36.86 2.54 0.00 | 33.08 2.22 0.00 | 30.57 2.04 0.00 | 28.13 1.84 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 33.78 3.02 0.00 | 33.01 2.90 0.00 | 28.95 2.26 0.00 | 25.77 1.84 0.00 | 25.42 1.75 0.00 | 24.79 1.65 0.00 | 24.21 1.77 0.00 | 24.55 1.86 0.00 | 25.83 2.15 0.00 | 28.00 2.39 -0.02 | 32.54 2.77 -1.25 | 30.90 2.89 0.00 | 33.73 3.05 -0.01 | 33.93 3.10 0.00 | 35.03 3.27 0.00 | 34.82 3.11 0.00 | 35.66 3.03 0.00 | 35.05 2.73 0.00 | 45.46 3.37 0.00 | 39.74 2.69 0.00 | 36.86 2.54 0.00 | 33.08 2.22 0.00 | 30.57 2.04 0.00 | 28.13 1.84 0.00 |
| FRANKLIN_FALL_HYD 24054 | 30.90 0.14 0.00 | 29.97 -0.15 0.00 | 26.34 -0.34 0.00 | 23.48 -0.44 0.00 | 23.21 -0.47 0.00 | 22.71 -0.43 0.00 | 21.99 -0.45 0.00 | 22.24 -0.44 0.00 | 23.22 -0.46 0.00 | 25.22 -0.37 0.00 | 28.10 -0.42 0.00 | 27.27 -0.75 0.00 | 29.83 -0.84 0.00 | 29.88 -0.96 0.00 | 30.82 -0.95 0.00 | 31.26 -0.45 0.00 | 32.76 0.13 0.00 | 32.54 0.22 0.00 | 42.46 0.36 0.00 | 37.53 0.47 0.00 | 34.86 0.53 0.00 | 31.29 0.44 0.00 | 28.93 0.40 0.00 | 26.52 0.22 0.00 |
| FREEPORT_EQUS_GT1 23764 | 33.47 2.72 0.00 | 32.72 2.61 0.00 | 28.70 2.01 0.00 | 25.52 1.60 0.00 | 25.18 1.51 0.00 | 24.55 1.41 0.00 | 24.01 1.57 0.00 | 24.34 1.66 0.00 | 25.61 1.93 0.00 | 27.78 2.17 -0.02 | 32.30 2.53 -1.25 | 30.68 2.66 0.00 | 33.55 2.87 -0.01 | 33.75 2.92 0.00 | 34.84 3.08 0.00 | 34.74 3.03 0.00 | 35.62 3.00 0.00 | 35.14 2.82 0.00 | 45.18 3.09 0.00 | 39.47 2.41 0.00 | 36.63 2.30 0.00 | 32.75 1.90 0.00 | 30.30 1.77 0.00 | 27.88 1.58 0.00 |
| FREEPORT___CT2 23818 | 33.47 2.72 0.00 | 32.72 2.61 0.00 | 28.70 2.01 0.00 | 25.52 1.60 0.00 | 25.18 1.51 0.00 | 24.55 1.41 0.00 | 24.01 1.57 0.00 | 24.34 1.66 0.00 | 25.61 1.93 0.00 | 27.78 2.17 -0.02 | 32.30 2.53 -1.25 | 30.68 2.66 0.00 | 33.55 2.87 -0.01 | 33.75 2.92 0.00 | 34.84 3.08 0.00 | 34.74 3.03 0.00 | 35.62 3.00 0.00 | 35.14 2.82 0.00 | 45.18 3.09 0.00 | 39.47 2.41 0.00 | 36.63 2.30 0.00 | 32.75 1.90 0.00 | 30.30 1.77 0.00 | 27.88 1.58 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 34.74 1.95 -2.04 | 32.73 1.97 -0.64 | 28.18 1.50 0.00 | 25.21 1.29 0.00 | 24.90 1.23 0.00 | 24.26 1.13 0.00 | 23.64 1.19 0.00 | 23.95 1.27 0.00 | 25.12 1.44 0.00 | 27.21 1.61 0.00 | 31.68 1.92 -1.23 | 30.23 2.21 0.00 | 33.17 2.49 -0.02 | 33.03 2.46 0.26 | 34.34 2.58 0.00 | 34.25 2.54 0.00 | 35.01 2.38 -0.01 | 34.48 2.16 0.00 | 44.64 2.54 0.00 | 39.17 2.12 0.00 | 36.33 2.01 0.00 | 32.54 1.69 0.00 | 30.15 1.62 0.00 | 27.71 1.42 0.00 |
| FULTON COGEN____ 23766 | 30.40 -0.36 0.00 | 29.77 -0.34 0.00 | 26.36 -0.32 0.00 | 23.62 -0.30 0.00 | 23.39 -0.28 0.00 | 22.88 -0.26 0.00 | 22.17 -0.27 0.00 | 22.40 -0.28 0.00 | 23.42 -0.26 0.00 | 25.37 -0.22 0.00 | 28.32 -0.21 0.00 | 27.81 -0.20 0.00 | 30.39 -0.28 0.00 | 30.55 -0.28 0.00 | 31.46 -0.30 0.00 | 31.37 -0.34 0.00 | 32.23 -0.39 0.00 | 32.00 -0.32 0.00 | 41.72 -0.38 0.00 | 36.76 -0.30 0.00 | 34.05 -0.28 0.00 | 30.66 -0.20 0.00 | 28.36 -0.17 0.00 | 26.20 -0.09 0.00 |

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| FULTON___LFGE 323630 | 34.37 3.62 0.00 | 33.52 3.40 0.00 | 29.64 2.96 0.00 | 26.51 2.59 0.00 | 26.19 2.52 0.00 | 25.66 2.52 0.00 | 24.72 2.27 0.00 | 24.66 1.97 0.00 | 25.42 1.74 0.00 | 27.70 2.11 0.00 | 31.15 2.41 -0.22 | 30.12 2.11 0.00 | 33.20 2.54 0.01 | 33.46 2.62 0.00 | 33.86 2.09 0.00 | 33.98 2.26 0.00 | 35.07 2.45 0.00 | 35.28 2.96 0.00 | 47.06 4.96 0.00 | 42.20 5.15 0.00 | 39.10 4.78 0.00 | 35.05 4.19 0.00 | 32.28 3.75 0.00 | 29.58 3.28 0.00 |
| G.F.CEMENT___DRP 24184 | 32.43 1.67 0.00 | 31.81 1.70 0.00 | 27.92 1.23 0.00 | 25.12 1.20 0.00 | 24.82 1.14 0.00 | 24.22 1.08 0.00 | 23.50 1.05 0.00 | 23.84 1.15 0.00 | 24.89 1.21 0.00 | 26.78 1.19 0.00 | 30.03 1.23 -0.27 | 29.22 1.20 0.00 | 32.10 1.45 0.02 | 32.22 1.38 0.00 | 33.19 1.43 0.00 | 33.06 1.34 0.00 | 34.07 1.44 0.00 | 33.89 1.56 0.00 | 44.32 2.23 0.00 | 39.07 2.02 0.00 | 36.26 1.93 0.00 | 32.35 1.50 0.00 | 29.83 1.30 0.00 | 27.41 1.11 0.00 |
| GARDENVILLE___LBMP 24039 | 30.69 -0.06 0.00 | 30.18 0.07 0.00 | 26.84 0.16 0.00 | 24.04 0.12 0.00 | 23.86 0.19 0.00 | 23.44 0.31 0.00 | 22.64 0.20 0.00 | 22.74 0.05 0.00 | 23.82 0.14 0.00 | 25.92 0.33 0.00 | 29.24 0.72 0.00 | 28.77 0.75 0.00 | 31.60 0.94 0.00 | 31.64 0.80 0.00 | 32.39 0.62 0.00 | 32.23 0.53 0.00 | 32.96 0.34 0.00 | 32.71 0.38 0.00 | 42.41 0.32 0.00 | 37.38 0.32 0.00 | 34.57 0.25 0.00 | 31.64 0.78 0.00 | 29.55 1.02 0.00 | 27.31 1.02 0.00 |
| GARDNVLA_35_KV_LD 355827 | 30.83 0.07 0.00 | 30.31 0.19 0.00 | 26.94 0.25 0.00 | 24.13 0.20 0.00 | 23.95 0.28 0.00 | 23.53 0.39 0.00 | 22.71 0.27 0.00 | 22.82 0.14 0.00 | 23.91 0.23 0.00 | 26.02 0.42 0.00 | 29.37 0.85 0.00 | 28.90 0.88 0.00 | 31.75 1.08 0.00 | 31.78 0.95 0.00 | 32.54 0.78 0.00 | 32.39 0.69 0.00 | 33.13 0.51 0.00 | 32.88 0.56 0.00 | 42.65 0.54 0.00 | 37.58 0.53 0.00 | 34.75 0.42 0.00 | 31.80 0.94 0.00 | 29.69 1.16 0.00 | 27.44 1.14 0.00 |
| GELCKHM___115KV_LOAD 80723 | 30.51 -0.25 0.00 | 29.86 -0.25 0.00 | 26.44 -0.24 0.00 | 23.70 -0.22 0.00 | 23.46 -0.21 0.00 | 22.95 -0.19 0.00 | 22.26 -0.19 0.00 | 22.49 -0.20 0.00 | 23.52 -0.15 0.00 | 25.47 -0.12 0.00 | 28.46 -0.07 0.00 | 27.98 -0.04 0.00 | 30.59 -0.07 0.00 | 30.76 -0.07 0.00 | 31.66 -0.10 0.00 | 31.58 -0.13 0.00 | 32.48 -0.14 0.00 | 32.21 -0.11 0.00 | 41.97 -0.13 0.00 | 36.95 -0.10 0.00 | 34.22 -0.10 0.00 | 30.82 -0.04 0.00 | 28.50 -0.03 0.00 | 26.32 0.03 0.00 |
| GENERAL___MILLS 23808 | 30.77 0.02 0.00 | 30.25 0.14 0.00 | 26.90 0.21 0.00 | 24.09 0.16 0.00 | 23.91 0.24 0.00 | 23.49 0.35 0.00 | 22.68 0.24 0.00 | 22.78 0.10 0.00 | 23.87 0.19 0.00 | 25.97 0.38 0.00 | 29.31 0.79 0.00 | 28.84 0.82 0.00 | 31.68 1.02 0.00 | 31.71 0.88 0.00 | 32.47 0.71 0.00 | 32.31 0.60 0.00 | 33.04 0.42 0.00 | 32.79 0.47 0.00 | 42.53 0.43 0.00 | 37.49 0.43 0.00 | 34.66 0.34 0.00 | 31.72 0.87 0.00 | 29.62 1.09 0.00 | 27.38 1.08 0.00 |
| GE_PLASTICS___DRP 24183 | 31.46 0.70 0.00 | 30.87 0.75 0.00 | 27.23 0.55 0.00 | 24.50 0.58 0.00 | 24.23 0.56 0.00 | 23.67 0.53 0.00 | 22.97 0.53 0.00 | 23.22 0.54 0.00 | 24.26 0.58 0.00 | 26.13 0.53 0.00 | 29.41 0.60 -0.28 | 28.66 0.65 0.00 | 31.42 0.76 0.01 | 31.60 0.77 0.00 | 32.59 0.82 0.00 | 32.45 0.74 0.00 | 33.34 0.72 0.00 | 33.00 0.68 0.00 | 42.97 0.87 0.00 | 37.81 0.76 0.00 | 35.02 0.69 0.00 | 31.36 0.51 0.00 | 28.95 0.42 0.00 | 26.64 0.34 0.00 |
| GILBOA___1 23756 | 31.58 0.83 0.00 | 30.94 0.83 0.00 | 27.32 0.64 0.00 | 24.54 0.62 0.00 | 24.34 0.67 0.00 | 23.79 0.65 0.00 | 23.09 0.65 0.00 | 23.28 0.60 0.00 | 24.35 0.67 0.00 | 26.28 0.69 0.00 | 29.48 0.78 -0.17 | 28.86 0.84 0.00 | 31.65 0.98 0.00 | 31.83 1.00 0.00 | 32.79 1.03 0.00 | 32.69 0.97 0.00 | 33.56 0.94 0.00 | 33.19 0.87 0.00 | 43.19 1.09 0.00 | 37.97 0.92 0.00 | 35.18 0.85 0.00 | 31.53 0.67 0.00 | 29.13 0.60 0.00 | 26.82 0.52 0.00 |
| GILBOA___2 23757 | 31.58 0.83 0.00 | 30.94 0.83 0.00 | 27.32 0.64 0.00 | 24.54 0.62 0.00 | 24.34 0.67 0.00 | 23.79 0.65 0.00 | 23.09 0.65 0.00 | 23.28 0.60 0.00 | 24.35 0.67 0.00 | 26.28 0.69 0.00 | 29.48 0.78 -0.17 | 28.86 0.84 0.00 | 31.65 0.98 0.00 | 31.83 1.00 0.00 | 32.79 1.03 0.00 | 32.69 0.97 0.00 | 33.56 0.94 0.00 | 33.19 0.87 0.00 | 43.19 1.09 0.00 | 37.97 0.92 0.00 | 35.18 0.85 0.00 | 31.53 0.67 0.00 | 29.13 0.60 0.00 | 26.82 0.52 0.00 |
| GILBOA___3 23758 | 31.58 0.83 0.00 | 30.94 0.83 0.00 | 27.32 0.64 0.00 | 24.54 0.62 0.00 | 24.34 0.67 0.00 | 23.79 0.65 0.00 | 23.09 0.65 0.00 | 23.28 0.60 0.00 | 24.35 0.67 0.00 | 26.28 0.69 0.00 | 29.48 0.78 -0.17 | 28.86 0.84 0.00 | 31.65 0.98 0.00 | 31.83 1.00 0.00 | 32.79 1.03 0.00 | 32.69 0.97 0.00 | 33.56 0.94 0.00 | 33.19 0.87 0.00 | 43.19 1.09 0.00 | 37.97 0.92 0.00 | 35.18 0.85 0.00 | 31.53 0.67 0.00 | 29.13 0.60 0.00 | 26.82 0.52 0.00 |
| GILBOA___4 23759 | 31.58 0.83 0.00 | 30.94 0.83 0.00 | 27.32 0.64 0.00 | 24.54 0.62 0.00 | 24.34 0.67 0.00 | 23.79 0.65 0.00 | 23.09 0.65 0.00 | 23.28 0.60 0.00 | 24.35 0.67 0.00 | 26.28 0.69 0.00 | 29.48 0.78 -0.17 | 28.86 0.84 0.00 | 31.65 0.98 0.00 | 31.83 1.00 0.00 | 32.79 1.03 0.00 | 32.69 0.97 0.00 | 33.56 0.94 0.00 | 33.19 0.87 0.00 | 43.19 1.09 0.00 | 37.97 0.92 0.00 | 35.18 0.85 0.00 | 31.53 0.67 0.00 | 29.13 0.60 0.00 | 26.82 0.52 0.00 |
| GILBOA___ 23599 | 31.58 0.83 0.00 | 30.94 0.83 0.00 | 27.32 0.64 0.00 | 24.54 0.61 0.00 | 24.34 0.67 0.00 | 23.79 0.65 0.00 | 23.09 0.65 0.00 | 23.29 0.60 0.00 | 24.35 0.67 0.00 | 26.28 0.69 0.00 | 29.48 0.78 -0.17 | 28.86 0.84 0.00 | 31.65 0.98 0.00 | 31.83 1.00 0.00 | 32.80 1.04 0.00 | 32.69 0.98 0.00 | 33.56 0.93 0.00 | 33.19 0.87 0.00 | 43.19 1.09 0.00 | 37.97 0.92 0.00 | 35.17 0.85 0.00 | 31.53 0.67 0.00 | 29.13 0.60 0.00 | 26.82 0.52 0.00 |
| GINNA___ 23603 | 29.40 -1.36 0.00 | 28.78 -1.33 0.00 | 25.53 -1.15 0.00 | 22.86 -1.06 0.00 | 22.66 -1.02 0.00 | 22.21 -0.93 0.00 | 21.48 -0.96 0.00 | 21.67 -1.01 0.00 | 22.89 -0.79 0.00 | 25.06 -0.53 0.00 | 28.32 -0.21 0.00 | 28.18 0.17 0.00 | 30.99 0.32 0.00 | 31.08 0.25 0.00 | 31.91 0.15 0.00 | 31.79 0.08 0.00 | 32.65 0.02 0.00 | 32.42 0.10 0.00 | 42.22 0.12 0.00 | 37.20 0.14 0.00 | 34.35 0.03 0.00 | 31.13 0.28 0.00 | 28.90 0.36 0.00 | 26.67 0.37 0.00 |
| GLEN PARK___ 23778 | 31.61 0.86 0.00 | 30.82 0.70 0.00 | 27.09 0.40 0.00 | 24.17 0.25 0.00 | 23.76 0.09 0.00 | 23.09 -0.05 0.00 | 22.33 -0.12 0.00 | 22.53 -0.15 0.00 | 23.47 -0.20 0.00 | 25.21 -0.38 0.00 | 27.85 -0.68 0.00 | 27.16 -0.85 0.00 | 29.74 -0.93 0.00 | 30.25 -0.58 0.00 | 31.33 -0.43 0.00 | 31.35 -0.36 0.00 | 32.50 -0.12 0.00 | 32.66 0.34 0.00 | 43.33 1.23 0.00 | 38.67 1.62 0.00 | 35.91 1.58 0.00 | 31.83 0.98 0.00 | 29.26 0.72 0.00 | 26.90 0.61 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 33.02 2.26 0.00 | 32.28 2.16 0.00 | 28.39 1.70 0.00 | 25.38 1.46 0.00 | 25.06 1.39 0.00 | 24.47 1.33 0.00 | 23.83 1.39 0.00 | 24.16 1.48 0.00 | 25.36 1.68 0.00 | 27.46 1.87 0.00 | 31.94 2.18 -1.23 | 30.40 2.38 0.00 | 33.40 2.72 -0.01 | 33.59 2.75 0.00 | 34.63 2.87 0.00 | 34.49 2.77 0.00 | 35.19 2.56 0.00 | 34.62 2.29 0.00 | 44.79 2.69 0.00 | 39.26 2.20 0.00 | 36.40 2.08 0.00 | 32.64 1.79 0.00 | 30.19 1.67 0.00 | 27.80 1.50 0.00 |

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| GLENWOOD_IC_1_G5 23712 | 33.17 2.41 0.00 | 32.41 2.30 0.00 | 28.46 1.78 0.00 | 25.39 1.47 0.00 | 25.06 1.39 0.00 | 24.46 1.32 0.00 | 23.86 1.42 0.00 | 24.19 1.51 0.00 | 25.42 1.74 0.00 | 27.56 1.94 -0.02 | 32.09 2.32 -1.25 | 30.48 2.46 0.00 | 33.42 2.73 -0.01 | 33.64 2.81 0.00 | 34.66 2.90 0.00 | 34.35 2.64 0.00 | 35.17 2.55 0.00 | 34.66 2.34 0.00 | 44.73 2.63 0.00 | 39.16 2.10 0.00 | 36.52 2.20 0.00 | 32.67 1.82 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GLENWOOD_IC_2_G1 23688 | 32.96 2.20 0.00 | 32.21 2.10 0.00 | 28.30 1.62 0.00 | 25.28 1.35 0.00 | 24.96 1.28 0.00 | 24.35 1.21 0.00 | 23.75 1.31 0.00 | 24.08 1.39 0.00 | 25.27 1.59 0.00 | 27.39 1.77 -0.02 | 31.87 2.10 -1.25 | 30.27 2.25 0.00 | 33.19 2.51 -0.01 | 33.40 2.57 0.00 | 34.43 2.67 0.00 | 34.29 2.58 0.00 | 35.10 2.48 0.00 | 34.59 2.27 0.00 | 44.70 2.61 0.00 | 39.14 2.08 0.00 | 36.32 2.00 0.00 | 32.51 1.66 0.00 | 30.05 1.52 0.00 | 27.64 1.34 0.00 |
| GLENWOOD_IC_3_G1 23689 | 32.96 2.20 0.00 | 32.21 2.10 0.00 | 28.30 1.62 0.00 | 25.28 1.35 0.00 | 24.96 1.28 0.00 | 24.35 1.21 0.00 | 23.75 1.31 0.00 | 24.08 1.39 0.00 | 25.27 1.59 0.00 | 27.39 1.77 -0.02 | 31.87 2.10 -1.25 | 30.27 2.25 0.00 | 33.19 2.51 -0.01 | 33.40 2.57 0.00 | 34.43 2.67 0.00 | 34.29 2.58 0.00 | 35.10 2.48 0.00 | 34.59 2.27 0.00 | 44.70 2.61 0.00 | 39.14 2.08 0.00 | 36.32 2.00 0.00 | 32.51 1.66 0.00 | 30.05 1.52 0.00 | 27.64 1.34 0.00 |
| GLENWOOD___4 23550 | 33.17 2.41 0.00 | 32.41 2.30 0.00 | 28.46 1.78 0.00 | 25.39 1.47 0.00 | 25.06 1.39 0.00 | 24.46 1.32 0.00 | 23.86 1.42 0.00 | 24.19 1.51 0.00 | 25.42 1.74 0.00 | 27.56 1.94 -0.02 | 32.09 2.32 -1.25 | 30.48 2.46 0.00 | 33.42 2.73 -0.01 | 33.64 2.81 0.00 | 34.67 2.90 0.00 | 34.43 2.72 0.00 | 35.25 2.63 0.00 | 34.74 2.42 0.00 | 44.83 2.73 0.00 | 39.23 2.18 0.00 | 36.52 2.20 0.00 | 32.67 1.82 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GLENWOOD___5 23614 | 33.17 2.41 0.00 | 32.41 2.30 0.00 | 28.46 1.78 0.00 | 25.39 1.47 0.00 | 25.06 1.39 0.00 | 24.46 1.32 0.00 | 23.86 1.42 0.00 | 24.19 1.51 0.00 | 25.42 1.74 0.00 | 27.56 1.94 -0.02 | 32.09 2.32 -1.25 | 30.48 2.46 0.00 | 33.42 2.73 -0.01 | 33.64 2.81 0.00 | 34.67 2.90 0.00 | 34.43 2.72 0.00 | 35.25 2.63 0.00 | 34.74 2.42 0.00 | 44.83 2.73 0.00 | 39.23 2.18 0.00 | 36.52 2.20 0.00 | 32.67 1.82 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 34.93 4.17 0.00 | 34.06 3.94 0.00 | 29.81 3.13 0.00 | 26.37 2.44 0.00 | 25.97 2.29 0.00 | 25.31 2.17 0.00 | 25.10 2.66 0.00 | 25.45 2.77 0.00 | 26.93 3.25 0.00 | 29.16 3.55 -0.02 | 33.89 4.12 -1.25 | 32.23 4.22 0.00 | 35.20 4.51 -0.01 | 35.52 4.69 0.00 | 36.80 5.04 0.00 | 37.04 5.19 -0.14 | 45.72 5.20 -7.89 | 39.26 5.08 -1.86 | 53.20 5.78 -5.32 | 41.66 4.60 0.00 | 38.74 4.42 0.00 | 34.45 3.60 0.00 | 31.76 3.23 0.00 | 29.28 2.98 0.00 |
| GLOBE___DSASP 323697 | 29.92 -0.84 0.00 | 29.42 -0.69 0.00 | 26.19 -0.49 0.00 | 23.59 -0.33 0.00 | 23.45 -0.23 0.00 | 23.04 -0.10 0.00 | 22.22 -0.23 0.00 | 22.19 -0.49 0.00 | 23.17 -0.51 0.00 | 25.18 -0.41 0.00 | 28.48 -0.05 0.00 | 28.00 -0.01 0.00 | 30.72 0.05 0.00 | 30.68 -0.15 0.00 | 31.37 -0.39 0.00 | 31.18 -0.53 0.00 | 31.85 -0.77 0.00 | 31.57 -0.76 0.00 | 40.77 -1.33 0.00 | 35.83 -1.22 0.00 | 33.18 -1.14 0.00 | 30.50 -0.35 0.00 | 28.70 0.17 0.00 | 26.67 0.37 0.00 |
| GOETHSLN___LBMP 323567 | 32.67 1.91 0.00 | 31.90 1.78 0.00 | 28.10 1.42 0.00 | 25.14 1.22 0.00 | 24.83 1.16 0.00 | 24.24 1.10 0.00 | 23.61 1.16 0.00 | 23.93 1.24 0.00 | 25.09 1.41 0.00 | 27.17 1.58 0.00 | 31.57 1.81 -1.23 | 30.04 2.03 0.00 | 33.01 2.33 -0.01 | 32.94 2.37 0.27 | 34.22 2.46 0.00 | 34.08 2.37 0.00 | 34.83 2.20 0.00 | 34.25 1.92 0.00 | 44.35 2.25 0.00 | 38.86 1.81 0.00 | 36.04 1.71 0.00 | 32.29 1.44 0.00 | 29.89 1.36 0.00 | 27.49 1.19 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 31.06 0.31 0.00 | 30.40 0.28 0.00 | 27.02 0.33 0.00 | 24.18 0.26 0.00 | 23.97 0.30 0.00 | 23.55 0.41 0.00 | 22.79 0.35 0.00 | 22.91 0.23 0.00 | 23.94 0.26 0.00 | 26.02 0.43 0.00 | 29.34 0.81 0.00 | 28.95 0.93 0.00 | 31.84 1.18 0.00 | 31.93 1.10 0.00 | 32.74 0.97 0.00 | 32.57 0.86 0.00 | 33.42 0.79 0.00 | 33.21 0.89 0.00 | 43.20 1.10 0.00 | 38.13 1.08 0.00 | 35.24 0.92 0.00 | 32.08 1.23 0.00 | 29.82 1.29 0.00 | 27.54 1.25 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 32.08 1.33 0.00 | 31.34 1.23 0.00 | 27.74 1.06 0.00 | 24.83 0.91 0.00 | 24.59 0.92 0.00 | 24.06 0.93 0.00 | 23.37 0.92 0.00 | 23.59 0.91 0.00 | 24.69 1.01 0.00 | 26.73 1.14 0.00 | 29.86 1.33 0.00 | 29.37 1.35 0.00 | 32.15 1.48 0.00 | 32.33 1.50 0.00 | 33.28 1.52 0.00 | 33.24 1.53 0.00 | 34.15 1.53 0.00 | 33.89 1.57 0.00 | 44.20 2.11 0.00 | 38.94 1.88 0.00 | 36.05 1.73 0.00 | 32.43 1.57 0.00 | 29.95 1.42 0.00 | 27.55 1.26 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 30.94 0.18 0.00 | 30.33 0.22 0.00 | 26.86 0.17 0.00 | 24.08 0.15 0.00 | 23.86 0.19 0.00 | 23.35 0.21 0.00 | 22.67 0.23 0.00 | 22.90 0.21 0.00 | 23.99 0.31 0.00 | 25.99 0.40 0.00 | 29.03 0.50 0.00 | 28.55 0.53 0.00 | 31.32 0.65 0.00 | 31.51 0.68 0.00 | 32.38 0.62 0.00 | 32.30 0.59 0.00 | 33.16 0.53 0.00 | 32.86 0.54 0.00 | 42.84 0.74 0.00 | 37.65 0.60 0.00 | 34.90 0.58 0.00 | 31.42 0.57 0.00 | 29.07 0.54 0.00 | 26.78 0.48 0.00 |
| GOUDEY___7 23579 | 30.96 0.21 0.00 | 30.36 0.24 0.00 | 26.88 0.20 0.00 | 24.10 0.17 0.00 | 23.88 0.21 0.00 | 23.37 0.23 0.00 | 22.69 0.25 0.00 | 22.91 0.23 0.00 | 24.01 0.33 0.00 | 26.02 0.43 0.00 | 29.05 0.53 0.00 | 28.58 0.56 0.00 | 31.35 0.68 0.00 | 31.54 0.71 0.00 | 32.42 0.66 0.00 | 32.34 0.63 0.00 | 33.19 0.57 0.00 | 32.89 0.57 0.00 | 42.89 0.79 0.00 | 37.70 0.64 0.00 | 34.94 0.61 0.00 | 31.45 0.60 0.00 | 29.10 0.57 0.00 | 26.80 0.50 0.00 |
| GOUDEY___8 23580 | 30.94 0.18 0.00 | 30.33 0.22 0.00 | 26.86 0.17 0.00 | 24.08 0.15 0.00 | 23.86 0.19 0.00 | 23.35 0.21 0.00 | 22.67 0.23 0.00 | 22.90 0.21 0.00 | 23.99 0.31 0.00 | 25.99 0.40 0.00 | 29.03 0.50 0.00 | 28.55 0.53 0.00 | 31.32 0.65 0.00 | 31.51 0.68 0.00 | 32.38 0.62 0.00 | 32.30 0.59 0.00 | 33.16 0.53 0.00 | 32.86 0.54 0.00 | 42.84 0.74 0.00 | 37.65 0.60 0.00 | 34.90 0.58 0.00 | 31.42 0.57 0.00 | 29.07 0.54 0.00 | 26.78 0.48 0.00 |
| GOWANUS_GT1_1 24077 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT1_2 24078 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |

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| GOWANUS_GT1_3 24079 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT1_4 24080 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT1_5 24084 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT1_6 24111 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT1_7 24112 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT1_8 24113 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT2_1 24114 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.63 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.33 2.65 -0.02 | 33.52 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.11 2.48 -0.01 | 34.57 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT2_2 24115 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.63 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.33 2.65 -0.02 | 33.52 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.11 2.48 -0.01 | 34.57 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT2_3 24116 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.63 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.33 2.65 -0.02 | 33.52 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.11 2.48 -0.01 | 34.57 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT2_4 24117 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.63 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.33 2.65 -0.02 | 33.52 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.11 2.48 -0.01 | 34.57 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT2_5 24118 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.63 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.33 2.65 -0.02 | 33.52 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.11 2.48 -0.01 | 34.57 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT2_6 24119 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.63 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.33 2.65 -0.02 | 33.52 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.11 2.48 -0.01 | 34.57 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT2_7 24120 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.63 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.33 2.65 -0.02 | 33.52 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.11 2.48 -0.01 | 34.57 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT2_8 24121 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.63 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.33 2.65 -0.02 | 33.52 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.11 2.48 -0.01 | 34.57 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT3_1 24122 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |

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| GOWANUS_GT3_2 24123 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT3_3 24124 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT3_4 24125 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT3_5 24126 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT3_6 24127 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT3_7 24128 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT3_8 24129 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GOWANUS_GT4_1 24130 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.51 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.57 2.25 0.00 | 44.74 2.65 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.65 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT4_2 24131 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.51 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.57 2.25 0.00 | 44.74 2.65 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.65 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT4_3 24132 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.51 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.57 2.25 0.00 | 44.74 2.65 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.65 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT4_4 24133 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.51 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.57 2.25 0.00 | 44.74 2.65 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.65 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT4_5 24134 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.51 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.57 2.25 0.00 | 44.74 2.65 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.65 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT4_6 24135 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.51 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.57 2.25 0.00 | 44.74 2.65 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.65 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT4_7 24136 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.51 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.57 2.25 0.00 | 44.74 2.65 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.65 0.00 | 27.76 1.47 0.00 |
| GOWANUS_GT4_8 24137 | 35.76 2.16 -2.84 | 32.95 2.11 -0.72 | 28.32 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.41 1.27 0.00 | 23.78 1.33 0.00 | 24.10 1.42 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.87 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.51 2.68 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.57 2.25 0.00 | 44.74 2.65 0.00 | 39.24 2.19 0.00 | 36.40 2.08 0.00 | 32.62 1.77 0.00 | 30.19 1.65 0.00 | 27.76 1.47 0.00 |

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| GREENBSH_115KV_TB3 55895 | 31.31 0.56 0.00 | 30.74 0.63 0.00 | 27.11 0.42 0.00 | 24.41 0.49 0.00 | 24.13 0.46 0.00 | 23.57 0.44 0.00 | 22.87 0.43 0.00 | 23.13 0.44 0.00 | 24.16 0.48 0.00 | 26.00 0.40 0.00 | 29.27 0.46 -0.28 | 28.52 0.50 0.00 | 31.27 0.61 0.01 | 31.44 0.61 0.00 | 32.43 0.67 0.00 | 32.28 0.57 0.00 | 33.19 0.56 0.00 | 32.84 0.52 0.00 | 42.76 0.67 0.00 | 37.64 0.59 0.00 | 34.85 0.53 0.00 | 31.19 0.33 0.00 | 28.79 0.25 0.00 | 26.49 0.20 0.00 |
| GREENDGE_115KV_TB5 80291 | 30.84 0.08 0.00 | 30.25 0.13 0.00 | 27.00 0.32 0.00 | 24.18 0.25 0.00 | 23.95 0.27 0.00 | 23.44 0.31 0.00 | 22.72 0.28 0.00 | 22.93 0.25 0.00 | 24.06 0.37 0.00 | 26.09 0.50 0.00 | 29.06 0.54 0.00 | 28.68 0.66 0.00 | 31.33 0.66 0.00 | 31.49 0.66 0.00 | 32.40 0.64 0.00 | 32.41 0.70 0.00 | 33.19 0.57 0.00 | 33.02 0.70 0.00 | 43.14 1.05 0.00 | 38.08 1.03 0.00 | 35.28 0.96 0.00 | 31.85 1.00 0.00 | 29.49 0.95 0.00 | 27.23 0.94 0.00 |
| GREENIDGE___3 23582 | 30.84 0.08 0.00 | 30.25 0.13 0.00 | 27.00 0.32 0.00 | 24.18 0.25 0.00 | 23.95 0.27 0.00 | 23.44 0.31 0.00 | 22.72 0.28 0.00 | 22.93 0.25 0.00 | 24.06 0.37 0.00 | 26.09 0.50 0.00 | 29.06 0.54 0.00 | 28.68 0.66 0.00 | 31.33 0.66 0.00 | 31.49 0.66 0.00 | 32.40 0.64 0.00 | 32.41 0.70 0.00 | 33.19 0.57 0.00 | 33.02 0.70 0.00 | 43.14 1.05 0.00 | 38.08 1.03 0.00 | 35.28 0.96 0.00 | 31.85 1.00 0.00 | 29.49 0.95 0.00 | 27.23 0.94 0.00 |
| GREENIDGE___4 23583 | 30.84 0.08 0.00 | 30.26 0.14 0.00 | 27.00 0.32 0.00 | 24.17 0.25 0.00 | 23.95 0.27 0.00 | 23.44 0.31 0.00 | 22.72 0.28 0.00 | 22.94 0.25 0.00 | 24.06 0.38 0.00 | 26.09 0.50 0.00 | 29.05 0.52 0.00 | 28.68 0.67 0.00 | 31.33 0.66 0.00 | 31.49 0.66 0.00 | 32.40 0.64 0.00 | 32.41 0.70 0.00 | 33.19 0.57 0.00 | 33.02 0.70 0.00 | 43.14 1.05 0.00 | 38.08 1.03 0.00 | 35.28 0.96 0.00 | 31.86 1.00 0.00 | 29.48 0.95 0.00 | 27.23 0.94 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 33.21 2.46 0.00 | 32.56 2.45 0.00 | 28.57 1.88 0.00 | 25.39 1.47 0.00 | 25.03 1.36 0.00 | 24.41 1.27 0.00 | 23.92 1.48 0.00 | 24.25 1.57 0.00 | 25.52 1.84 0.00 | 27.66 2.05 -0.02 | 32.15 2.39 -1.25 | 30.48 2.47 0.00 | 33.28 2.60 -0.01 | 33.47 2.64 0.00 | 34.49 2.73 0.00 | 34.38 2.70 0.03 | 33.74 2.60 1.48 | 34.41 2.35 0.26 | 43.68 2.22 0.64 | 38.81 1.76 0.00 | 36.02 1.70 0.00 | 32.20 1.35 0.00 | 29.91 1.38 0.00 | 27.62 1.32 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| GRISSOM___SOLAR 323813 | 34.37 3.62 0.00 | 33.52 3.40 0.00 | 29.64 2.96 0.00 | 26.51 2.59 0.00 | 26.19 2.52 0.00 | 25.66 2.52 0.00 | 24.72 2.27 0.00 | 24.66 1.97 0.00 | 25.42 1.74 0.00 | 27.70 2.11 0.00 | 31.15 2.41 -0.22 | 30.12 2.11 0.00 | 33.20 2.54 0.01 | 33.46 2.62 0.00 | 33.86 2.09 0.00 | 33.98 2.26 0.00 | 35.07 2.45 0.00 | 35.28 2.96 0.00 | 47.06 4.96 0.00 | 42.20 5.15 0.00 | 39.10 4.78 0.00 | 35.05 4.19 0.00 | 32.28 3.75 0.00 | 29.58 3.28 0.00 |
| GROVEVILLE___HYD 323602 | 32.79 2.04 0.00 | 32.04 1.92 0.00 | 28.19 1.50 0.00 | 25.26 1.33 0.00 | 24.96 1.28 0.00 | 24.37 1.23 0.00 | 23.70 1.26 0.00 | 24.03 1.34 0.00 | 25.18 1.50 0.00 | 27.23 1.64 0.00 | 30.43 1.90 0.00 | 30.08 2.06 0.00 | 33.05 2.37 -0.01 | 33.27 2.44 0.00 | 34.32 2.56 0.00 | 34.24 2.53 0.00 | 35.11 2.49 0.00 | 34.68 2.36 0.00 | 45.03 2.94 0.00 | 39.48 2.43 0.00 | 36.54 2.22 0.00 | 32.70 1.84 0.00 | 30.17 1.64 0.00 | 27.69 1.39 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 30.74 -0.02 0.00 | 30.08 -0.03 0.00 | 26.64 -0.04 0.00 | 23.87 -0.05 0.00 | 23.64 -0.03 0.00 | 23.12 -0.02 0.00 | 22.42 -0.02 0.00 | 22.66 -0.02 0.00 | 23.71 0.03 0.00 | 25.66 0.07 0.00 | 28.67 0.15 0.00 | 28.19 0.17 0.00 | 30.84 0.17 0.00 | 31.00 0.17 0.00 | 31.92 0.15 0.00 | 31.86 0.15 0.00 | 32.75 0.13 0.00 | 32.50 0.18 0.00 | 42.34 0.25 0.00 | 37.30 0.25 0.00 | 34.52 0.20 0.00 | 31.10 0.24 0.00 | 28.73 0.20 0.00 | 26.53 0.23 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 30.83 0.07 0.00 | 30.13 0.02 0.00 | 26.70 0.02 0.00 | 23.91 -0.01 0.00 | 23.70 0.03 0.00 | 23.17 0.03 0.00 | 22.48 0.04 0.00 | 22.72 0.04 0.00 | 23.79 0.11 0.00 | 25.74 0.14 0.00 | 28.78 0.26 0.00 | 28.33 0.31 0.00 | 31.00 0.33 0.00 | 31.15 0.31 0.00 | 32.05 0.29 0.00 | 32.01 0.30 0.00 | 32.91 0.29 0.00 | 32.69 0.37 0.00 | 42.52 0.43 0.00 | 37.48 0.43 0.00 | 34.68 0.36 0.00 | 31.25 0.39 0.00 | 28.84 0.31 0.00 | 26.64 0.34 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 30.60 -0.15 0.00 | 29.85 -0.26 0.00 | 26.36 -0.33 0.00 | 23.55 -0.37 0.00 | 23.21 -0.46 0.00 | 22.61 -0.53 0.00 | 21.88 -0.56 0.00 | 22.10 -0.58 0.00 | 23.09 -0.59 0.00 | 24.85 -0.74 0.00 | 27.49 -1.03 0.00 | 26.82 -1.20 0.00 | 29.34 -1.33 0.00 | 29.66 -1.18 0.00 | 30.68 -1.09 0.00 | 30.78 -0.93 0.00 | 31.88 -0.75 0.00 | 31.81 -0.51 0.00 | 41.86 -0.23 0.00 | 37.12 0.06 0.00 | 34.42 0.10 0.00 | 30.83 -0.02 0.00 | 28.40 -0.13 0.00 | 26.13 -0.17 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 30.58 -0.17 0.00 | 30.03 -0.09 0.00 | 26.38 -0.31 0.00 | 23.71 -0.22 0.00 | 23.45 -0.22 0.00 | 22.99 -0.15 0.00 | 22.35 -0.09 0.00 | 22.53 -0.15 0.00 | 23.52 -0.16 0.00 | 25.30 -0.29 0.00 | 28.05 -0.47 0.00 | 27.50 -0.52 0.00 | 30.15 -0.52 0.00 | 30.42 -0.41 0.00 | 31.31 -0.45 0.00 | 31.21 -0.50 0.00 | 32.15 -0.47 0.00 | 31.96 -0.36 0.00 | 41.79 -0.31 0.00 | 36.97 -0.09 0.00 | 34.42 0.10 0.00 | 30.81 -0.04 0.00 | 28.36 -0.17 0.00 | 26.02 -0.28 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 32.52 1.77 0.00 | 31.77 1.65 0.00 | 28.03 1.34 0.00 | 25.08 1.16 0.00 | 24.78 1.10 0.00 | 24.20 1.06 0.00 | 23.54 1.10 0.00 | 23.85 1.17 0.00 | 24.99 1.31 0.00 | 27.06 1.47 0.00 | 29.03 1.73 1.22 | 29.92 1.90 0.00 | 32.87 2.19 -0.01 | 33.10 2.27 0.00 | 34.15 2.38 0.00 | 34.04 2.33 0.00 | 34.89 2.26 0.00 | 34.46 2.14 0.00 | 44.73 2.64 0.00 | 39.21 2.16 0.00 | 36.30 1.97 0.00 | 32.47 1.62 0.00 | 29.98 1.45 0.00 | 27.52 1.22 0.00 |
| HARSNRAD_115KV_TB1 81005 | 30.42 -0.34 0.00 | 29.90 -0.22 0.00 | 26.60 -0.08 0.00 | 23.82 -0.10 0.00 | 23.65 -0.02 0.00 | 23.26 0.12 0.00 | 22.42 -0.03 0.00 | 22.49 -0.19 0.00 | 23.54 -0.14 0.00 | 25.59 0.00 0.00 | 28.92 0.40 0.00 | 28.45 0.43 0.00 | 31.24 0.57 0.00 | 31.23 0.40 0.00 | 31.95 0.19 0.00 | 31.76 0.05 0.00 | 32.47 -0.15 0.00 | 32.21 -0.11 0.00 | 41.72 -0.38 0.00 | 36.84 -0.21 0.00 | 34.08 -0.25 0.00 | 31.28 0.42 0.00 | 29.26 0.73 0.00 | 27.10 0.81 0.00 |
| HARZA MOOSE___RIVER 24016 | 31.39 0.64 0.00 | 30.65 0.53 0.00 | 27.01 0.33 0.00 | 24.15 0.23 0.00 | 23.79 0.12 0.00 | 23.18 0.05 0.00 | 22.45 0.01 0.00 | 22.68 -0.01 0.00 | 23.76 0.08 0.00 | 25.58 -0.01 0.00 | 28.34 -0.18 0.00 | 27.74 -0.28 0.00 | 30.34 -0.32 0.00 | 30.70 -0.13 0.00 | 31.74 -0.02 0.00 | 31.74 0.03 0.00 | 32.76 0.14 0.00 | 32.71 0.39 0.00 | 43.05 0.96 0.00 | 38.13 1.07 0.00 | 35.31 0.99 0.00 | 31.58 0.73 0.00 | 29.09 0.56 0.00 | 26.80 0.51 0.00 |

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| HDSNBRDG_115KV_BRDG_TB1 355580 | 30.53 -0.23 0.00 | 29.90 -0.22 0.00 | 26.47 -0.21 0.00 | 23.73 -0.20 0.00 | 23.48 -0.19 0.00 | 22.97 -0.16 0.00 | 22.28 -0.17 0.00 | 22.51 -0.17 0.00 | 23.55 -0.13 0.00 | 25.50 -0.09 0.00 | 28.51 -0.02 0.00 | 28.03 0.02 0.00 | 30.65 -0.01 0.00 | 30.82 -0.01 0.00 | 31.72 -0.05 0.00 | 31.61 -0.11 0.00 | 32.47 -0.15 0.00 | 32.21 -0.11 0.00 | 41.98 -0.12 0.00 | 36.95 -0.11 0.00 | 34.21 -0.11 0.00 | 30.85 0.00 0.00 | 28.54 0.01 0.00 | 26.36 0.06 0.00 |
| HELLGATE_13_KV_LD 55870 | 32.83 2.08 0.00 | 32.10 1.99 0.00 | 28.24 1.56 0.00 | 25.26 1.34 0.00 | 24.94 1.27 0.00 | 24.35 1.21 0.00 | 23.71 1.27 0.00 | 24.04 1.35 0.00 | 25.22 1.54 0.00 | 27.30 1.71 0.00 | 31.75 2.00 -1.23 | 30.22 2.20 0.00 | 33.18 2.50 -0.01 | 33.37 2.54 0.00 | 34.42 2.66 0.00 | 34.28 2.57 0.00 | 34.98 2.36 0.00 | 34.41 2.09 0.00 | 44.52 2.43 0.00 | 39.04 1.98 0.00 | 36.20 1.88 0.00 | 32.45 1.60 0.00 | 30.01 1.48 0.00 | 27.64 1.34 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 32.83 2.08 0.00 | 32.10 1.99 0.00 | 28.24 1.56 0.00 | 25.26 1.34 0.00 | 24.94 1.27 0.00 | 24.35 1.21 0.00 | 23.71 1.27 0.00 | 24.04 1.35 0.00 | 25.22 1.54 0.00 | 27.30 1.71 0.00 | 31.75 2.00 -1.23 | 30.22 2.20 0.00 | 33.18 2.50 -0.01 | 33.37 2.54 0.00 | 34.42 2.66 0.00 | 34.28 2.57 0.00 | 34.98 2.36 0.00 | 34.41 2.09 0.00 | 44.52 2.43 0.00 | 39.04 1.98 0.00 | 36.20 1.88 0.00 | 32.45 1.60 0.00 | 30.01 1.48 0.00 | 27.64 1.34 0.00 |
| HEMPSTEAD____ 23647 | 33.16 2.40 0.00 | 32.42 2.30 0.00 | 28.44 1.76 0.00 | 25.33 1.40 0.00 | 24.99 1.32 0.00 | 24.38 1.24 0.00 | 23.83 1.39 0.00 | 24.16 1.48 0.00 | 25.41 1.72 0.00 | 27.54 1.92 -0.02 | 32.04 2.26 -1.25 | 30.42 2.40 0.00 | 33.29 2.61 -0.01 | 33.49 2.66 0.00 | 34.54 2.77 0.00 | 34.39 2.68 0.00 | 35.24 2.61 0.00 | 34.75 2.42 0.00 | 44.73 2.63 0.00 | 39.11 2.05 0.00 | 36.33 2.00 0.00 | 32.49 1.63 0.00 | 30.05 1.53 0.00 | 27.66 1.36 0.00 |
| HEWLETT__69_KV_BK3 55828 | 33.58 2.82 0.00 | 32.82 2.71 0.00 | 28.79 2.11 0.00 | 25.63 1.71 0.00 | 25.29 1.62 0.00 | 24.66 1.52 0.00 | 24.09 1.65 0.00 | 24.41 1.73 0.00 | 25.68 2.01 0.00 | 27.84 2.23 -0.02 | 32.34 2.58 -1.25 | 30.72 2.71 0.00 | 33.55 2.87 -0.01 | 33.77 2.94 0.00 | 34.85 3.09 0.00 | 34.69 2.98 0.00 | 35.53 2.91 0.00 | 34.98 2.66 0.00 | 45.21 3.11 0.00 | 39.53 2.48 0.00 | 36.67 2.34 0.00 | 32.86 2.00 0.00 | 30.38 1.85 0.00 | 27.97 1.67 0.00 |
| HICKLING__1 23621 | 30.92 0.16 0.00 | 30.41 0.29 0.00 | 27.00 0.31 0.00 | 24.21 0.28 0.00 | 23.99 0.31 0.00 | 23.48 0.34 0.00 | 22.79 0.35 0.00 | 22.98 0.30 0.00 | 24.12 0.44 0.00 | 26.22 0.62 0.00 | 29.25 0.72 0.00 | 28.80 0.79 0.00 | 31.69 1.02 0.00 | 31.85 1.02 0.00 | 32.70 0.94 0.00 | 32.71 0.99 0.00 | 33.46 0.83 0.00 | 33.19 0.87 0.00 | 43.35 1.26 0.00 | 38.13 1.08 0.00 | 35.37 1.05 0.00 | 31.92 1.07 0.00 | 29.56 1.03 0.00 | 27.22 0.92 0.00 |
| HICKLING__2 23622 | 30.92 0.16 0.00 | 30.41 0.29 0.00 | 27.00 0.31 0.00 | 24.21 0.28 0.00 | 23.99 0.31 0.00 | 23.48 0.34 0.00 | 22.79 0.35 0.00 | 22.98 0.30 0.00 | 24.12 0.44 0.00 | 26.22 0.62 0.00 | 29.25 0.72 0.00 | 28.80 0.79 0.00 | 31.69 1.02 0.00 | 31.85 1.02 0.00 | 32.70 0.94 0.00 | 32.71 0.99 0.00 | 33.46 0.83 0.00 | 33.19 0.87 0.00 | 43.35 1.26 0.00 | 38.13 1.08 0.00 | 35.37 1.05 0.00 | 31.92 1.07 0.00 | 29.56 1.03 0.00 | 27.22 0.92 0.00 |
| HIGH FALLS__HY 23754 | 32.75 1.99 0.00 | 31.94 1.82 0.00 | 28.11 1.43 0.00 | 25.14 1.22 0.00 | 24.84 1.17 0.00 | 24.26 1.12 0.00 | 23.61 1.16 0.00 | 23.93 1.25 0.00 | 25.09 1.41 0.00 | 27.13 1.54 0.00 | 30.08 1.55 0.00 | 29.76 1.75 0.00 | 32.69 2.02 0.00 | 32.97 2.14 0.00 | 34.04 2.28 0.00 | 34.00 2.29 0.00 | 34.82 2.20 0.00 | 34.46 2.14 0.00 | 44.82 2.73 0.00 | 39.35 2.29 0.00 | 36.36 2.04 0.00 | 32.56 1.71 0.00 | 30.23 1.70 0.00 | 27.72 1.42 0.00 |
| HILLBURN__GT 23639 | 32.44 1.68 0.00 | 31.69 1.58 0.00 | 27.98 1.29 0.00 | 25.04 1.12 0.00 | 24.72 1.05 0.00 | 24.15 1.01 0.00 | 23.49 1.05 0.00 | 23.81 1.13 0.00 | 24.96 1.28 0.00 | 27.04 1.45 0.00 | 28.79 1.70 1.44 | 29.91 1.90 0.00 | 32.86 2.18 -0.01 | 33.07 2.24 0.00 | 34.11 2.34 0.00 | 33.98 2.27 0.00 | 34.79 2.16 0.00 | 34.33 2.01 0.00 | 44.53 2.43 0.00 | 39.00 1.95 0.00 | 36.13 1.81 0.00 | 32.34 1.49 0.00 | 29.88 1.35 0.00 | 27.44 1.14 0.00 |
| HILLSIDE_115KV_TB1 80332 | 30.39 -0.37 0.00 | 29.87 -0.25 0.00 | 26.50 -0.18 0.00 | 23.75 -0.17 0.00 | 23.56 -0.11 0.00 | 23.06 -0.08 0.00 | 22.42 -0.03 0.00 | 22.63 -0.06 0.00 | 23.76 0.08 0.00 | 25.81 0.22 0.00 | 28.80 0.28 0.00 | 28.35 0.34 0.00 | 31.18 0.51 0.00 | 31.35 0.52 0.00 | 32.17 0.42 0.00 | 32.14 0.43 0.00 | 32.88 0.26 0.00 | 32.57 0.25 0.00 | 42.51 0.41 0.00 | 37.34 0.29 0.00 | 34.65 0.32 0.00 | 31.22 0.37 0.00 | 28.92 0.39 0.00 | 26.63 0.33 0.00 |
| HISHELDN_WT_PWR 323625 | 30.58 -0.18 0.00 | 30.12 0.00 0.00 | 26.80 0.11 0.00 | 24.01 0.09 0.00 | 23.82 0.15 0.00 | 23.37 0.23 0.00 | 22.57 0.12 0.00 | 22.66 -0.03 0.00 | 23.77 0.09 0.00 | 25.84 0.25 0.00 | 29.04 0.51 0.00 | 28.52 0.51 0.00 | 31.35 0.68 0.00 | 31.39 0.55 0.00 | 32.20 0.43 0.00 | 32.10 0.39 0.00 | 32.83 0.21 0.00 | 32.60 0.28 0.00 | 42.37 0.27 0.00 | 37.36 0.31 0.00 | 34.59 0.27 0.00 | 31.59 0.73 0.00 | 29.43 0.90 0.00 | 27.20 0.90 0.00 |
| HOLTSVILLE_IC_1 23690 | 33.42 2.66 0.00 | 32.73 2.61 0.00 | 28.69 2.01 0.00 | 25.44 1.51 0.00 | 25.08 1.41 0.00 | 24.44 1.30 0.00 | 24.08 1.64 0.00 | 24.39 1.70 0.00 | 25.68 2.00 0.00 | 27.77 2.15 -0.02 | 32.26 2.49 -1.25 | 30.59 2.57 0.00 | 33.40 2.72 -0.01 | 33.64 2.80 0.00 | 34.71 2.95 0.00 | 34.80 2.95 -0.13 | 43.26 2.88 -7.76 | 36.90 2.75 -1.83 | 50.13 2.79 -5.25 | 39.19 2.13 0.00 | 36.43 2.11 0.00 | 32.54 1.69 0.00 | 30.18 1.65 0.00 | 27.83 1.53 0.00 |
| HOLTSVILLE_IC_10 23699 | 33.64 2.89 0.00 | 32.91 2.79 0.00 | 28.85 2.17 0.00 | 25.57 1.64 0.00 | 25.20 1.53 0.00 | 24.56 1.42 0.00 | 24.22 1.77 0.00 | 24.52 1.84 0.00 | 25.84 2.16 0.00 | 27.94 2.32 -0.02 | 32.46 2.69 -1.25 | 30.79 2.78 0.00 | 33.66 2.98 -0.01 | 33.91 3.07 0.00 | 35.02 3.26 0.00 | 35.13 3.27 -0.14 | 44.09 3.21 -8.26 | 37.34 3.07 -1.95 | 50.85 3.18 -5.58 | 39.53 2.47 0.00 | 36.75 2.43 0.00 | 32.80 1.95 0.00 | 30.40 1.87 0.00 | 28.02 1.72 0.00 |
| HOLTSVILLE_IC_2 23691 | 33.42 2.66 0.00 | 32.73 2.61 0.00 | 28.69 2.01 0.00 | 25.44 1.51 0.00 | 25.08 1.41 0.00 | 24.44 1.30 0.00 | 24.08 1.64 0.00 | 24.39 1.70 0.00 | 25.68 2.00 0.00 | 27.77 2.15 -0.02 | 32.26 2.49 -1.25 | 30.59 2.57 0.00 | 33.40 2.72 -0.01 | 33.64 2.80 0.00 | 34.71 2.95 0.00 | 34.80 2.95 -0.13 | 43.26 2.88 -7.76 | 36.90 2.75 -1.83 | 50.13 2.79 -5.25 | 39.19 2.13 0.00 | 36.43 2.11 0.00 | 32.54 1.69 0.00 | 30.18 1.65 0.00 | 27.83 1.53 0.00 |
| HOLTSVILLE_IC_3 23692 | 33.42 2.66 0.00 | 32.73 2.61 0.00 | 28.69 2.01 0.00 | 25.44 1.51 0.00 | 25.08 1.41 0.00 | 24.44 1.30 0.00 | 24.08 1.64 0.00 | 24.39 1.70 0.00 | 25.68 2.00 0.00 | 27.77 2.15 -0.02 | 32.26 2.49 -1.25 | 30.59 2.57 0.00 | 33.40 2.72 -0.01 | 33.64 2.80 0.00 | 34.71 2.95 0.00 | 34.80 2.95 -0.13 | 43.26 2.88 -7.76 | 36.90 2.75 -1.83 | 50.13 2.79 -5.25 | 39.19 2.13 0.00 | 36.43 2.11 0.00 | 32.54 1.69 0.00 | 30.18 1.65 0.00 | 27.83 1.53 0.00 |

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| HOLTSVILLE_IC_4 23693 | 33.42 2.66 0.00 | 32.73 2.61 0.00 | 28.69 2.01 0.00 | 25.44 1.51 0.00 | 25.08 1.41 0.00 | 24.44 1.30 0.00 | 24.08 1.64 0.00 | 24.39 1.70 0.00 | 25.68 2.00 0.00 | 27.77 2.15 -0.02 | 32.26 2.49 -1.25 | 30.59 2.57 0.00 | 33.40 2.72 -0.01 | 33.64 2.80 0.00 | 34.71 2.95 0.00 | 34.80 2.95 -0.13 | 43.26 2.88 -7.76 | 36.90 2.75 -1.83 | 50.13 2.79 -5.25 | 39.19 2.13 0.00 | 36.43 2.11 0.00 | 32.54 1.69 0.00 | 30.18 1.65 0.00 | 27.83 1.53 0.00 |
| HOLTSVILLE_IC_5 23694 | 33.42 2.66 0.00 | 32.73 2.61 0.00 | 28.69 2.01 0.00 | 25.44 1.51 0.00 | 25.08 1.41 0.00 | 24.44 1.30 0.00 | 24.08 1.64 0.00 | 24.39 1.70 0.00 | 25.68 2.00 0.00 | 27.77 2.15 -0.02 | 32.26 2.49 -1.25 | 30.59 2.57 0.00 | 33.40 2.72 -0.01 | 33.64 2.80 0.00 | 34.71 2.95 0.00 | 34.80 2.95 -0.13 | 43.26 2.88 -7.76 | 36.90 2.75 -1.83 | 50.13 2.79 -5.25 | 39.19 2.13 0.00 | 36.43 2.11 0.00 | 32.54 1.69 0.00 | 30.18 1.65 0.00 | 27.83 1.53 0.00 |
| HOLTSVILLE_IC_6 23695 | 33.64 2.89 0.00 | 32.91 2.79 0.00 | 28.85 2.17 0.00 | 25.57 1.64 0.00 | 25.20 1.53 0.00 | 24.56 1.42 0.00 | 24.22 1.77 0.00 | 24.52 1.84 0.00 | 25.84 2.16 0.00 | 27.94 2.32 -0.02 | 32.46 2.69 -1.25 | 30.79 2.78 0.00 | 33.66 2.98 -0.01 | 33.91 3.07 0.00 | 35.02 3.26 0.00 | 35.13 3.27 -0.14 | 44.09 3.21 -8.26 | 37.34 3.07 -1.95 | 50.85 3.18 -5.58 | 39.53 2.47 0.00 | 36.75 2.43 0.00 | 32.80 1.95 0.00 | 30.40 1.87 0.00 | 28.02 1.72 0.00 |
| HOLTSVILLE_IC_7 23696 | 33.64 2.89 0.00 | 32.91 2.79 0.00 | 28.85 2.17 0.00 | 25.57 1.64 0.00 | 25.20 1.53 0.00 | 24.56 1.42 0.00 | 24.22 1.77 0.00 | 24.52 1.84 0.00 | 25.84 2.16 0.00 | 27.94 2.32 -0.02 | 32.46 2.69 -1.25 | 30.79 2.78 0.00 | 33.66 2.98 -0.01 | 33.91 3.07 0.00 | 35.02 3.26 0.00 | 35.13 3.27 -0.14 | 44.09 3.21 -8.26 | 37.34 3.07 -1.95 | 50.85 3.18 -5.58 | 39.53 2.47 0.00 | 36.75 2.43 0.00 | 32.80 1.95 0.00 | 30.40 1.87 0.00 | 28.02 1.72 0.00 |
| HOLTSVILLE_IC_8 23697 | 33.64 2.89 0.00 | 32.91 2.79 0.00 | 28.85 2.17 0.00 | 25.57 1.64 0.00 | 25.20 1.53 0.00 | 24.56 1.42 0.00 | 24.22 1.77 0.00 | 24.52 1.84 0.00 | 25.84 2.16 0.00 | 27.94 2.32 -0.02 | 32.46 2.69 -1.25 | 30.79 2.78 0.00 | 33.66 2.98 -0.01 | 33.91 3.07 0.00 | 35.02 3.26 0.00 | 35.13 3.27 -0.14 | 44.09 3.21 -8.26 | 37.34 3.07 -1.95 | 50.85 3.18 -5.58 | 39.53 2.47 0.00 | 36.75 2.43 0.00 | 32.80 1.95 0.00 | 30.40 1.87 0.00 | 28.02 1.72 0.00 |
| HOLTSVILLE_IC_9 23698 | 33.64 2.89 0.00 | 32.91 2.79 0.00 | 28.85 2.17 0.00 | 25.57 1.64 0.00 | 25.20 1.53 0.00 | 24.56 1.42 0.00 | 24.22 1.77 0.00 | 24.52 1.84 0.00 | 25.84 2.16 0.00 | 27.94 2.32 -0.02 | 32.46 2.69 -1.25 | 30.79 2.78 0.00 | 33.66 2.98 -0.01 | 33.91 3.07 0.00 | 35.02 3.26 0.00 | 35.13 3.27 -0.14 | 44.09 3.21 -8.26 | 37.34 3.07 -1.95 | 50.85 3.18 -5.58 | 39.53 2.47 0.00 | 36.75 2.43 0.00 | 32.80 1.95 0.00 | 30.40 1.87 0.00 | 28.02 1.72 0.00 |
| HOMER_HL_115KV_TB2 355744 | 30.72 -0.03 0.00 | 30.18 0.07 0.00 | 26.83 0.15 0.00 | 24.03 0.11 0.00 | 23.84 0.17 0.00 | 23.41 0.28 0.00 | 22.70 0.26 0.00 | 22.87 0.18 0.00 | 23.99 0.31 0.00 | 26.15 0.56 0.00 | 29.29 0.76 0.00 | 28.76 0.74 0.00 | 31.61 0.94 0.00 | 31.74 0.90 0.00 | 32.50 0.74 0.00 | 32.29 0.58 0.00 | 32.96 0.34 0.00 | 32.65 0.33 0.00 | 42.40 0.31 0.00 | 37.28 0.23 0.00 | 34.55 0.22 0.00 | 31.39 0.54 0.00 | 29.30 0.77 0.00 | 27.04 0.74 0.00 |
| HOWARD_WT_PWR 323690 | 30.73 -0.03 0.00 | 30.47 0.35 0.00 | 27.23 0.55 0.00 | 24.40 0.48 0.00 | 24.14 0.47 0.00 | 23.61 0.47 0.00 | 22.75 0.31 0.00 | 22.83 0.15 0.00 | 24.02 0.34 0.00 | 26.17 0.58 0.00 | 29.16 0.63 0.00 | 28.64 0.62 0.00 | 31.56 0.89 0.00 | 31.68 0.85 0.00 | 32.54 0.78 0.00 | 32.53 0.82 0.00 | 33.25 0.63 0.00 | 33.12 0.80 0.00 | 43.36 1.26 0.00 | 38.32 1.27 0.00 | 35.60 1.27 0.00 | 32.31 1.46 0.00 | 29.96 1.43 0.00 | 27.61 1.32 0.00 |
| HQ_GEN_CEDARS 23644 | 30.53 -0.23 0.00 | 29.85 -0.27 0.00 | 26.53 -0.16 0.00 | 23.73 -0.19 0.00 | 23.49 -0.18 0.00 | 22.95 -0.19 0.00 | 22.25 -0.19 0.00 | 22.48 -0.21 0.00 | 23.41 -0.27 0.00 | 25.30 -0.29 0.00 | 28.07 -0.46 0.00 | 27.43 -0.58 0.00 | 30.02 -0.65 0.00 | 30.15 -0.68 0.00 | 31.08 -0.69 0.00 | 31.21 -0.50 0.00 | 32.26 -0.36 0.00 | 31.97 -0.35 0.00 | 41.70 -0.40 0.00 | 36.75 -0.30 0.00 | 34.08 -0.24 0.00 | 30.69 -0.17 0.00 | 28.37 -0.16 0.00 | 26.08 -0.22 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 30.53 -0.22 0.00 | 29.85 -0.27 0.00 | 26.53 -0.16 0.00 | 23.73 -0.19 0.00 | 23.49 -0.18 0.00 | 22.95 -0.19 0.00 | 22.25 -0.19 0.00 | 22.48 -0.21 0.00 | 23.41 -0.27 0.00 | 25.30 -0.29 0.00 | 28.07 -0.46 0.00 | 27.43 -0.58 0.00 | 30.02 -0.65 0.00 | 30.15 -0.68 0.00 | 31.08 -0.69 0.00 | 31.21 -0.50 0.00 | 32.26 -0.36 0.00 | 31.97 -0.35 0.00 | 41.70 -0.40 0.00 | 36.75 -0.30 0.00 | 34.08 -0.24 0.00 | 30.69 -0.17 0.00 | 28.37 -0.16 0.00 | 25.51 -0.22 0.56 |
| HQ_GEN_IMPORT 323601 | 30.55 -0.21 0.00 | 29.89 -0.22 0.00 | 26.58 -0.11 0.00 | 23.80 -0.12 0.00 | 23.56 -0.11 0.00 | 23.02 -0.11 0.00 | 22.33 -0.11 0.00 | 22.56 -0.12 0.00 | 23.48 -0.19 0.00 | 25.39 -0.20 0.00 | 28.24 -0.28 0.00 | 27.67 -0.35 0.00 | 30.29 -0.38 0.00 | 30.42 -0.41 0.00 | 31.34 -0.42 0.00 | 31.39 -0.33 0.00 | 32.36 -0.26 0.00 | 32.05 -0.27 0.00 | 41.76 -0.34 0.00 | 36.76 -0.29 0.00 | 34.07 -0.25 0.00 | 30.76 -0.21 -0.11 | 28.35 -0.18 0.00 | 26.09 -0.20 0.00 |
| HQ_GEN_WHEEL 23651 | 30.55 -0.21 0.00 | 29.89 -0.22 0.00 | 26.58 -0.11 0.00 | 23.80 -0.12 0.00 | 23.56 -0.11 0.00 | 23.02 -0.11 0.00 | 22.33 -0.11 0.00 | 22.56 -0.12 0.00 | 23.48 -0.19 0.00 | 25.39 -0.20 0.00 | 28.24 -0.28 0.00 | 27.67 -0.35 0.00 | 30.29 -0.38 0.00 | 30.42 -0.41 0.00 | 31.34 -0.42 0.00 | 31.39 -0.33 0.00 | 32.36 -0.26 0.00 | 32.05 -0.27 0.00 | 41.76 -0.34 0.00 | 36.76 -0.29 0.00 | 34.07 -0.25 0.00 | 30.76 -0.21 -0.11 | 28.35 -0.18 0.00 | 26.09 -0.20 0.00 |
| HUDSON_AVE_GT_3 23810 | 32.91 2.16 0.00 | 32.14 2.03 0.00 | 28.28 1.59 0.00 | 25.30 1.38 0.00 | 25.00 1.33 0.00 | 24.39 1.25 0.00 | 23.76 1.32 0.00 | 24.08 1.40 0.00 | 25.26 1.58 0.00 | 27.36 1.76 0.00 | 31.81 2.05 -1.23 | 30.27 2.25 0.00 | 33.26 2.58 -0.01 | 33.47 2.63 0.00 | 34.48 2.72 0.00 | 34.34 2.63 0.00 | 35.10 2.48 0.00 | 34.52 2.20 0.00 | 44.70 2.61 0.00 | 39.16 2.11 0.00 | 36.31 1.99 0.00 | 32.56 1.70 0.00 | 30.12 1.59 0.00 | 27.69 1.40 0.00 |
| HUDSON_AVE_GT_4 23540 | 32.91 2.16 0.00 | 32.14 2.03 0.00 | 28.28 1.59 0.00 | 25.30 1.38 0.00 | 25.00 1.33 0.00 | 24.39 1.25 0.00 | 23.76 1.32 0.00 | 24.08 1.40 0.00 | 25.26 1.58 0.00 | 27.36 1.76 0.00 | 31.81 2.05 -1.23 | 30.27 2.25 0.00 | 33.26 2.58 -0.01 | 33.47 2.63 0.00 | 34.48 2.72 0.00 | 34.34 2.63 0.00 | 35.10 2.48 0.00 | 34.52 2.20 0.00 | 44.70 2.61 0.00 | 39.16 2.11 0.00 | 36.31 1.99 0.00 | 32.56 1.70 0.00 | 30.12 1.59 0.00 | 27.69 1.40 0.00 |
| HUDSON_AVE_GT_5 23657 | 32.91 2.16 0.00 | 32.14 2.03 0.00 | 28.28 1.59 0.00 | 25.30 1.38 0.00 | 25.00 1.33 0.00 | 24.39 1.25 0.00 | 23.76 1.32 0.00 | 24.08 1.40 0.00 | 25.26 1.58 0.00 | 27.36 1.76 0.00 | 31.81 2.05 -1.23 | 30.27 2.25 0.00 | 33.26 2.58 -0.01 | 33.47 2.63 0.00 | 34.48 2.72 0.00 | 34.34 2.63 0.00 | 35.10 2.48 0.00 | 34.52 2.20 0.00 | 44.70 2.61 0.00 | 39.16 2.11 0.00 | 36.31 1.99 0.00 | 32.56 1.70 0.00 | 30.12 1.59 0.00 | 27.69 1.40 0.00 |

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| HUDSON_AVE_10 24168 | 32.83 2.08 0.00 | 32.05 1.94 0.00 | 28.19 1.51 0.00 | 25.26 1.34 0.00 | 24.96 1.29 0.00 | 24.30 1.17 0.00 | 23.67 1.23 0.00 | 24.01 1.33 0.00 | 25.19 1.51 0.00 | 27.26 1.67 0.00 | 31.69 1.93 -1.23 | 30.18 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.53 0.00 | 34.37 2.61 0.00 | 34.25 2.54 0.00 | 35.00 2.37 0.00 | 34.41 2.09 0.00 | 44.59 2.49 0.00 | 39.07 2.02 0.00 | 36.21 1.89 0.00 | 32.46 1.61 0.00 | 30.05 1.52 0.00 | 27.63 1.33 0.00 |
| HUDSON___115KV_TB 4 355613 | 32.01 1.26 0.00 | 31.41 1.29 0.00 | 27.67 0.99 0.00 | 24.90 0.97 0.00 | 24.61 0.93 0.00 | 24.06 0.92 0.00 | 23.33 0.89 0.00 | 23.59 0.91 0.00 | 24.64 0.96 0.00 | 26.43 0.84 0.00 | 29.72 0.94 -0.25 | 28.97 0.96 0.00 | 31.76 1.10 0.01 | 31.94 1.10 0.00 | 32.98 1.21 0.00 | 32.88 1.16 0.00 | 33.80 1.18 0.00 | 33.58 1.25 0.00 | 43.82 1.73 0.00 | 38.68 1.63 0.00 | 35.84 1.52 0.00 | 32.06 1.21 0.00 | 29.51 0.99 0.00 | 27.10 0.80 0.00 |
| HUNTER MOUNT___DRP 323613 | 32.17 1.41 0.00 | 31.56 1.44 0.00 | 27.78 1.09 0.00 | 25.02 1.10 0.00 | 24.74 1.07 0.00 | 24.18 1.04 0.00 | 23.45 1.00 0.00 | 23.69 1.01 0.00 | 24.74 1.06 0.00 | 26.48 0.89 0.00 | 29.78 1.04 -0.21 | 29.04 1.03 0.00 | 31.82 1.16 0.01 | 31.96 1.13 0.00 | 33.03 1.26 0.00 | 32.90 1.19 0.00 | 33.87 1.25 0.00 | 33.69 1.37 0.00 | 44.05 1.95 0.00 | 38.95 1.90 0.00 | 36.09 1.77 0.00 | 32.27 1.42 0.00 | 29.69 1.16 0.00 | 27.24 0.94 0.00 |
| HUNTINGTON_RES_REC 323705 | 33.44 2.68 0.00 | 32.74 2.63 0.00 | 28.71 2.02 0.00 | 25.48 1.55 0.00 | 25.12 1.44 0.00 | 24.48 1.34 0.00 | 24.05 1.61 0.00 | 24.38 1.70 0.00 | 25.68 2.00 0.00 | 27.82 2.20 -0.02 | 32.34 2.57 -1.25 | 30.68 2.67 0.00 | 33.51 2.83 -0.01 | 33.75 2.91 0.00 | 34.80 3.04 0.00 | 35.10 3.05 -0.34 | 48.73 2.96 -13.15 | 35.94 2.75 -0.86 | 44.88 2.72 -0.06 | 39.18 2.12 0.00 | 36.41 2.09 0.00 | 32.51 1.66 0.00 | 30.16 1.63 0.00 | 27.82 1.52 0.00 |
| HUNTLEY___63 23557 | 30.68 -0.08 0.00 | 30.14 0.03 0.00 | 26.82 0.13 0.00 | 24.06 0.14 0.00 | 23.90 0.22 0.00 | 23.48 0.34 0.00 | 22.65 0.21 0.00 | 22.70 0.02 0.00 | 23.76 0.08 0.00 | 25.85 0.26 0.00 | 29.21 0.69 0.00 | 28.75 0.73 0.00 | 31.58 0.91 0.00 | 31.58 0.75 0.00 | 32.31 0.55 0.00 | 32.16 0.45 0.00 | 32.89 0.27 0.00 | 32.61 0.29 0.00 | 42.21 0.11 0.00 | 37.17 0.11 0.00 | 34.37 0.05 0.00 | 31.53 0.68 0.00 | 29.52 0.99 0.00 | 27.34 1.04 0.00 |
| HUNTLEY___64 23558 | 30.68 -0.08 0.00 | 30.14 0.03 0.00 | 26.82 0.13 0.00 | 24.06 0.14 0.00 | 23.90 0.22 0.00 | 23.48 0.34 0.00 | 22.65 0.21 0.00 | 22.70 0.02 0.00 | 23.76 0.08 0.00 | 25.85 0.26 0.00 | 29.21 0.69 0.00 | 28.75 0.73 0.00 | 31.58 0.91 0.00 | 31.58 0.75 0.00 | 32.31 0.55 0.00 | 32.16 0.45 0.00 | 32.89 0.27 0.00 | 32.61 0.29 0.00 | 42.21 0.11 0.00 | 37.17 0.11 0.00 | 34.37 0.05 0.00 | 31.53 0.68 0.00 | 29.52 0.99 0.00 | 27.34 1.04 0.00 |
| HUNTLEY___65 23559 | 30.68 -0.08 0.00 | 30.14 0.03 0.00 | 26.82 0.13 0.00 | 24.06 0.14 0.00 | 23.90 0.22 0.00 | 23.48 0.34 0.00 | 22.65 0.21 0.00 | 22.70 0.02 0.00 | 23.76 0.08 0.00 | 25.85 0.26 0.00 | 29.21 0.69 0.00 | 28.75 0.73 0.00 | 31.58 0.91 0.00 | 31.58 0.75 0.00 | 32.31 0.55 0.00 | 32.16 0.45 0.00 | 32.89 0.27 0.00 | 32.61 0.29 0.00 | 42.21 0.11 0.00 | 37.17 0.11 0.00 | 34.37 0.05 0.00 | 31.53 0.68 0.00 | 29.52 0.99 0.00 | 27.34 1.04 0.00 |
| HUNTLEY___66 23560 | 30.68 -0.08 0.00 | 30.14 0.03 0.00 | 26.82 0.13 0.00 | 24.06 0.14 0.00 | 23.90 0.22 0.00 | 23.48 0.34 0.00 | 22.65 0.21 0.00 | 22.70 0.02 0.00 | 23.76 0.08 0.00 | 25.85 0.26 0.00 | 29.21 0.69 0.00 | 28.75 0.73 0.00 | 31.58 0.91 0.00 | 31.58 0.75 0.00 | 32.31 0.55 0.00 | 32.16 0.45 0.00 | 32.89 0.27 0.00 | 32.61 0.29 0.00 | 42.21 0.11 0.00 | 37.17 0.11 0.00 | 34.37 0.05 0.00 | 31.53 0.68 0.00 | 29.52 0.99 0.00 | 27.34 1.04 0.00 |
| HUNTLEY___67 23561 | 30.43 -0.32 0.00 | 29.92 -0.19 0.00 | 26.62 -0.07 0.00 | 23.85 -0.07 0.00 | 23.68 0.01 0.00 | 23.27 0.13 0.00 | 22.46 0.02 0.00 | 22.54 -0.14 0.00 | 23.60 -0.07 0.00 | 25.66 0.07 0.00 | 28.99 0.46 0.00 | 28.51 0.50 0.00 | 31.31 0.64 0.00 | 31.31 0.48 0.00 | 32.02 0.26 0.00 | 31.86 0.15 0.00 | 32.57 -0.05 0.00 | 32.30 -0.02 0.00 | 41.85 -0.25 0.00 | 36.89 -0.16 0.00 | 34.12 -0.20 0.00 | 31.29 0.44 0.00 | 29.27 0.74 0.00 | 27.09 0.80 0.00 |
| HUNTLEY___68 23562 | 30.43 -0.32 0.00 | 29.92 -0.19 0.00 | 26.62 -0.07 0.00 | 23.85 -0.07 0.00 | 23.68 0.01 0.00 | 23.27 0.13 0.00 | 22.46 0.02 0.00 | 22.54 -0.14 0.00 | 23.60 -0.07 0.00 | 25.66 0.07 0.00 | 28.99 0.46 0.00 | 28.51 0.50 0.00 | 31.31 0.64 0.00 | 31.31 0.48 0.00 | 32.02 0.26 0.00 | 31.86 0.15 0.00 | 32.57 -0.05 0.00 | 32.30 -0.02 0.00 | 41.85 -0.25 0.00 | 36.89 -0.16 0.00 | 34.12 -0.20 0.00 | 31.29 0.44 0.00 | 29.27 0.74 0.00 | 27.09 0.80 0.00 |
| HYLAND___LFGE 323620 | 32.02 1.26 0.00 | 31.40 1.29 0.00 | 27.87 1.19 0.00 | 24.94 1.02 0.00 | 24.70 1.03 0.00 | 24.23 1.09 0.00 | 23.41 0.97 0.00 | 23.43 0.75 0.00 | 24.14 0.46 0.00 | 26.17 0.58 0.00 | 29.40 0.87 0.00 | 28.95 0.93 0.00 | 31.84 1.18 0.00 | 32.00 1.17 0.00 | 32.77 1.00 0.00 | 32.68 0.96 0.00 | 33.52 0.90 0.00 | 33.37 1.04 0.00 | 43.45 1.36 0.00 | 38.71 1.65 0.00 | 36.58 2.26 0.00 | 33.50 2.65 0.00 | 31.06 2.53 0.00 | 28.58 2.28 0.00 |
| INDECK___CORINTH 23802 | 32.00 1.25 0.00 | 31.39 1.27 0.00 | 27.54 0.86 0.00 | 24.77 0.85 0.00 | 24.48 0.81 0.00 | 23.88 0.74 0.00 | 23.17 0.73 0.00 | 23.52 0.84 0.00 | 24.57 0.88 0.00 | 26.44 0.85 0.00 | 29.64 0.84 -0.27 | 28.84 0.82 0.00 | 31.67 1.02 0.02 | 31.80 0.96 0.00 | 32.75 0.99 0.00 | 32.60 0.89 0.00 | 33.59 0.97 0.00 | 33.42 1.10 0.00 | 43.72 1.63 0.00 | 38.53 1.47 0.00 | 35.75 1.42 0.00 | 31.90 1.05 0.00 | 29.42 0.89 0.00 | 27.06 0.76 0.00 |
| INDECK___ILION 23567 | 30.75 0.00 0.00 | 30.15 0.03 0.00 | 26.60 -0.08 0.00 | 23.87 -0.06 0.00 | 23.61 -0.07 0.00 | 23.10 -0.04 0.00 | 22.43 -0.02 0.00 | 22.65 -0.03 0.00 | 23.66 -0.02 0.00 | 25.51 -0.08 0.00 | 28.38 -0.14 0.00 | 27.87 -0.15 0.00 | 30.54 -0.13 0.00 | 30.76 -0.07 0.00 | 31.66 -0.10 0.00 | 31.58 -0.13 0.00 | 32.49 -0.13 0.00 | 32.27 -0.05 0.00 | 42.09 -0.01 0.00 | 37.13 0.08 0.00 | 34.46 0.14 0.00 | 30.90 0.04 0.00 | 28.50 -0.03 0.00 | 26.21 -0.08 0.00 |
| INDECK___OLEAN 23982 | 30.72 -0.03 0.00 | 30.18 0.07 0.00 | 26.83 0.15 0.00 | 24.03 0.11 0.00 | 23.84 0.17 0.00 | 23.41 0.28 0.00 | 22.70 0.26 0.00 | 22.87 0.18 0.00 | 24.00 0.32 0.00 | 26.15 0.56 0.00 | 29.28 0.75 0.00 | 28.76 0.74 0.00 | 31.61 0.95 0.00 | 31.74 0.91 0.00 | 32.51 0.75 0.00 | 32.29 0.58 0.00 | 32.96 0.34 0.00 | 32.65 0.33 0.00 | 42.40 0.31 0.00 | 37.28 0.23 0.00 | 34.54 0.22 0.00 | 31.39 0.54 0.00 | 29.29 0.76 0.00 | 27.04 0.74 0.00 |
| INDECK___OSWEGO 23783 | 30.22 -0.54 0.00 | 29.59 -0.53 0.00 | 26.18 -0.50 0.00 | 23.47 -0.46 0.00 | 23.22 -0.45 0.00 | 22.70 -0.44 0.00 | 22.01 -0.43 0.00 | 22.24 -0.44 0.00 | 23.25 -0.43 0.00 | 25.16 -0.43 0.00 | 28.09 -0.44 0.00 | 27.58 -0.44 0.00 | 30.13 -0.53 0.00 | 30.31 -0.52 0.00 | 31.22 -0.55 0.00 | 31.15 -0.56 0.00 | 32.00 -0.62 0.00 | 31.78 -0.54 0.00 | 41.46 -0.64 0.00 | 36.53 -0.52 0.00 | 33.84 -0.49 0.00 | 30.43 -0.42 0.00 | 28.15 -0.38 0.00 | 26.02 -0.28 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|
| INDECK___YERKES 23781 | 30.70 -0.05 0.00 | 30.17 0.05 0.00 | 26.84 0.16 0.00 | 24.09 0.17 0.00 | 23.92 0.25 0.00 | 23.51 0.37 0.00 | 22.67 0.23 0.00 | 22.72 0.04 0.00 | 23.80 0.12 0.00 | 25.87 0.28 0.00 | 29.23 0.71 0.00 | 28.78 0.76 0.00 | 31.61 0.94 0.00 | 31.62 0.78 0.00 | 32.35 0.59 0.00 | 32.20 0.49 0.00 | 32.93 0.30 0.00 | 32.65 0.32 0.00 | 42.25 0.15 0.00 | 37.20 0.15 0.00 | 34.40 0.08 0.00 | 31.57 0.71 0.00 | 29.54 1.01 0.00 | 27.36 1.06 0.00 |
| INDIAN POINT_GT_1 24139 | 32.62 1.86 0.00 | 31.89 1.77 0.00 | 28.00 1.31 0.00 | 25.05 1.13 0.00 | 24.75 1.07 0.00 | 24.17 1.03 0.00 | 23.52 1.07 0.00 | 23.84 1.15 0.00 | 24.98 1.30 0.00 | 27.04 1.45 0.00 | 31.65 1.69 -1.43 | 29.88 1.86 0.00 | 32.82 2.14 -0.01 | 33.03 2.20 0.00 | 34.05 2.29 0.00 | 33.93 2.21 0.00 | 34.72 2.10 0.00 | 34.25 1.92 0.00 | 44.40 2.31 0.00 | 38.90 1.85 0.00 | 36.06 1.73 0.00 | 32.29 1.44 0.00 | 29.84 1.31 0.00 | 27.42 1.13 0.00 |
| INDIAN POINT_GT_2 23659 | 32.62 1.86 0.00 | 31.89 1.77 0.00 | 28.00 1.31 0.00 | 25.05 1.13 0.00 | 24.75 1.07 0.00 | 24.17 1.03 0.00 | 23.52 1.07 0.00 | 23.84 1.15 0.00 | 24.98 1.30 0.00 | 27.04 1.45 0.00 | 31.65 1.69 -1.43 | 29.88 1.86 0.00 | 32.82 2.14 -0.01 | 33.03 2.20 0.00 | 34.05 2.29 0.00 | 33.93 2.21 0.00 | 34.72 2.10 0.00 | 34.25 1.92 0.00 | 44.40 2.31 0.00 | 38.90 1.85 0.00 | 36.06 1.73 0.00 | 32.29 1.44 0.00 | 29.84 1.31 0.00 | 27.42 1.13 0.00 |
| INDIAN POINT_GT_3 24019 | 32.62 1.86 0.00 | 31.89 1.77 0.00 | 28.00 1.31 0.00 | 25.05 1.13 0.00 | 24.75 1.07 0.00 | 24.17 1.03 0.00 | 23.52 1.07 0.00 | 23.84 1.15 0.00 | 24.98 1.30 0.00 | 27.04 1.45 0.00 | 31.65 1.69 -1.43 | 29.88 1.86 0.00 | 32.82 2.14 -0.01 | 33.03 2.20 0.00 | 34.05 2.29 0.00 | 33.93 2.21 0.00 | 34.72 2.10 0.00 | 34.25 1.92 0.00 | 44.40 2.31 0.00 | 38.90 1.85 0.00 | 36.06 1.73 0.00 | 32.29 1.44 0.00 | 29.84 1.31 0.00 | 27.42 1.13 0.00 |
| INDIAN POINT___2 23530 | 32.70 1.95 0.00 | 31.96 1.85 0.00 | 27.97 1.29 0.00 | 25.02 1.10 0.00 | 24.72 1.04 0.00 | 24.13 0.99 0.00 | 23.48 1.04 0.00 | 23.80 1.12 0.00 | 24.94 1.26 0.00 | 27.00 1.41 0.00 | 32.09 1.65 -1.91 | 29.85 1.83 0.00 | 32.78 2.10 -0.01 | 32.98 2.15 0.00 | 34.00 2.24 0.00 | 33.87 2.16 0.00 | 34.67 2.05 0.00 | 34.19 1.87 0.00 | 44.35 2.25 0.00 | 38.86 1.81 0.00 | 36.01 1.69 0.00 | 32.25 1.40 0.00 | 29.81 1.28 0.00 | 27.38 1.09 0.00 |
| INDIAN POINT___3 23531 | 32.47 1.71 0.00 | 31.74 1.62 0.00 | 27.96 1.27 0.00 | 25.03 1.10 0.00 | 24.72 1.05 0.00 | 24.14 1.00 0.00 | 23.49 1.05 0.00 | 23.81 1.12 0.00 | 24.95 1.27 0.00 | 27.00 1.41 0.00 | 31.64 1.65 -1.47 | 29.84 1.82 0.00 | 32.77 2.09 -0.01 | 32.98 2.14 0.00 | 33.99 2.23 0.00 | 33.86 2.15 0.00 | 34.66 2.04 0.00 | 34.18 1.86 0.00 | 44.34 2.24 0.00 | 38.86 1.81 0.00 | 36.01 1.68 0.00 | 32.24 1.39 0.00 | 29.80 1.27 0.00 | 27.38 1.09 0.00 |
| INGHAM_C_115KV_TB7 356103 | 30.51 -0.25 0.00 | 29.98 -0.14 0.00 | 26.31 -0.37 0.00 | 23.64 -0.28 0.00 | 23.40 -0.27 0.00 | 22.92 -0.22 0.00 | 22.30 -0.15 0.00 | 22.48 -0.21 0.00 | 23.46 -0.22 0.00 | 25.21 -0.38 0.00 | 27.98 -0.54 0.00 | 27.48 -0.54 0.00 | 30.14 -0.53 0.00 | 30.40 -0.43 0.00 | 31.27 -0.49 0.00 | 31.15 -0.56 0.00 | 32.09 -0.53 0.00 | 31.89 -0.42 0.00 | 41.70 -0.39 0.00 | 36.88 -0.17 0.00 | 34.35 0.03 0.00 | 30.71 -0.15 0.00 | 28.24 -0.29 0.00 | 25.88 -0.42 0.00 |
| IP CORINTH___1 23988 | 32.17 1.41 0.00 | 31.54 1.43 0.00 | 27.69 1.00 0.00 | 24.91 0.99 0.00 | 24.60 0.93 0.00 | 24.00 0.87 0.00 | 23.30 0.85 0.00 | 23.64 0.96 0.00 | 24.70 1.02 0.00 | 26.58 0.99 0.00 | 29.79 0.99 -0.27 | 29.00 0.98 0.00 | 31.84 1.19 0.02 | 31.96 1.13 0.00 | 32.92 1.16 0.00 | 32.78 1.07 0.00 | 33.78 1.16 0.00 | 33.61 1.28 0.00 | 43.96 1.87 0.00 | 38.74 1.68 0.00 | 35.94 1.62 0.00 | 32.08 1.23 0.00 | 29.58 1.05 0.00 | 27.20 0.90 0.00 |
| IP___TICONDEROGA 23804 | 33.99 3.23 0.00 | 33.31 3.19 0.00 | 29.05 2.37 0.00 | 26.23 2.31 0.00 | 25.86 2.18 0.00 | 25.30 2.16 0.00 | 24.52 2.07 0.00 | 24.99 2.30 0.00 | 26.11 2.43 0.00 | 27.90 2.31 0.00 | 31.23 2.44 -0.27 | 30.34 2.32 0.00 | 33.45 2.79 0.02 | 33.48 2.65 0.00 | 34.47 2.71 0.00 | 34.44 2.73 0.00 | 35.60 2.98 0.00 | 35.55 3.23 0.00 | 46.39 4.29 0.00 | 40.86 3.81 0.00 | 38.11 3.79 0.00 | 33.87 3.02 0.00 | 31.10 2.57 0.00 | 28.53 2.23 0.00 |
| ISLIP_RES_REC 323679 | 33.84 3.08 0.00 | 33.09 2.97 0.00 | 29.00 2.31 0.00 | 25.69 1.77 0.00 | 25.32 1.65 0.00 | 24.68 1.54 0.00 | 24.33 1.89 0.00 | 24.66 1.98 0.00 | 25.98 2.30 0.00 | 28.10 2.48 -0.02 | 32.65 2.88 -1.25 | 31.00 2.98 0.00 | 33.88 3.20 -0.01 | 34.15 3.32 0.00 | 35.28 3.51 0.00 | 35.38 3.54 -0.13 | 44.25 3.50 -8.13 | 37.82 3.36 -2.13 | 51.96 3.54 -6.32 | 39.83 2.77 0.00 | 37.03 2.71 0.00 | 33.05 2.20 0.00 | 30.60 2.07 0.00 | 28.18 1.89 0.00 |
| JAMAICA___27_KV_LOAD 355505 | 33.10 2.34 0.00 | 32.31 2.19 0.00 | 28.38 1.70 0.00 | 25.51 1.59 0.00 | 25.21 1.54 0.00 | 24.44 1.30 0.00 | 23.80 1.36 0.00 | 24.15 1.47 0.00 | 25.33 1.65 0.00 | 27.42 1.83 0.00 | 31.83 2.07 -1.23 | 30.38 2.36 0.00 | 33.39 2.71 -0.01 | 33.59 2.76 0.00 | 34.61 2.84 0.00 | 34.50 2.79 0.00 | 35.24 2.62 0.00 | 34.68 2.36 0.00 | 44.96 2.87 0.00 | 39.41 2.35 0.00 | 36.52 2.19 0.00 | 32.77 1.91 0.00 | 30.34 1.80 0.00 | 27.86 1.56 0.00 |
| JANIS___SOLAR 323808 | 32.01 1.25 0.00 | 31.32 1.20 0.00 | 27.71 1.02 0.00 | 24.80 0.87 0.00 | 24.54 0.87 0.00 | 24.04 0.90 0.00 | 23.34 0.90 0.00 | 23.54 0.85 0.00 | 24.51 0.83 0.00 | 26.30 0.71 0.00 | 29.34 0.81 0.00 | 28.89 0.87 0.00 | 31.54 0.87 0.00 | 31.69 0.85 0.00 | 32.59 0.82 0.00 | 32.56 0.85 0.00 | 33.62 1.00 0.00 | 33.72 1.40 0.00 | 44.25 2.15 0.00 | 39.18 2.13 0.00 | 36.38 2.06 0.00 | 32.79 1.94 0.00 | 30.21 1.68 0.00 | 27.76 1.46 0.00 |
| JARVIS____ 23743 | 30.79 0.04 0.00 | 30.16 0.04 0.00 | 26.69 0.00 0.00 | 23.93 0.01 0.00 | 23.67 0.00 0.00 | 23.14 0.00 0.00 | 22.45 0.00 0.00 | 22.69 0.00 0.00 | 23.70 0.02 0.00 | 25.60 0.01 0.00 | 28.54 0.01 0.00 | 28.04 0.03 0.00 | 30.69 0.02 0.00 | 30.86 0.03 0.00 | 31.81 0.05 0.00 | 31.72 0.01 0.00 | 32.62 -0.01 0.00 | 32.32 0.00 0.00 | 42.14 0.04 0.00 | 37.09 0.04 0.00 | 34.36 0.04 0.00 | 30.88 0.03 0.00 | 28.56 0.03 0.00 | 26.32 0.02 0.00 |
| JENNISON___1 23625 | 32.16 1.41 0.00 | 31.48 1.37 0.00 | 27.83 1.15 0.00 | 24.92 1.00 0.00 | 24.67 1.00 0.00 | 24.17 1.03 0.00 | 23.48 1.04 0.00 | 23.70 1.02 0.00 | 24.79 1.11 0.00 | 26.75 1.16 0.00 | 29.88 1.35 0.00 | 29.36 1.35 0.00 | 32.16 1.50 0.00 | 32.34 1.51 0.00 | 33.24 1.48 0.00 | 33.19 1.47 0.00 | 34.22 1.60 0.00 | 34.13 1.81 0.00 | 44.65 2.56 0.00 | 39.39 2.34 0.00 | 36.48 2.16 0.00 | 32.84 1.98 0.00 | 30.27 1.74 0.00 | 27.78 1.48 0.00 |
| JENNISON___2 23626 | 32.16 1.41 0.00 | 31.48 1.37 0.00 | 27.83 1.15 0.00 | 24.92 1.00 0.00 | 24.67 1.00 0.00 | 24.17 1.03 0.00 | 23.48 1.04 0.00 | 23.70 1.02 0.00 | 24.79 1.11 0.00 | 26.75 1.16 0.00 | 29.88 1.35 0.00 | 29.36 1.35 0.00 | 32.16 1.50 0.00 | 32.34 1.51 0.00 | 33.24 1.48 0.00 | 33.19 1.47 0.00 | 34.22 1.60 0.00 | 34.13 1.81 0.00 | 44.65 2.56 0.00 | 39.39 2.34 0.00 | 36.48 2.16 0.00 | 32.84 1.98 0.00 | 30.27 1.74 0.00 | 27.78 1.48 0.00 |

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| JERICO_RISE_WT_PWR 323719 | 30.78 0.03 0.00 | 29.81 -0.31 0.00 | 26.14 -0.55 0.00 | 23.26 -0.66 0.00 | 23.00 -0.67 0.00 | 22.50 -0.64 0.00 | 21.79 -0.66 0.00 | 22.00 -0.68 0.00 | 22.98 -0.70 0.00 | 24.97 -0.62 0.00 | 27.88 -0.64 0.00 | 27.04 -0.98 0.00 | 29.59 -1.08 0.00 | 29.59 -1.25 0.00 | 30.55 -1.21 0.00 | 31.11 -0.60 0.00 | 32.66 0.03 0.00 | 32.48 0.16 0.00 | 42.32 0.23 0.00 | 37.33 0.27 0.00 | 34.65 0.33 0.00 | 31.08 0.23 0.00 | 28.78 0.25 0.00 | 26.40 0.10 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 32.78 2.03 0.00 | 32.02 1.90 0.00 | 28.17 1.49 0.00 | 25.21 1.29 0.00 | 24.90 1.23 0.00 | 24.31 1.17 0.00 | 23.67 1.23 0.00 | 24.00 1.32 0.00 | 25.17 1.49 0.00 | 27.23 1.64 0.00 | 31.24 1.93 -0.78 | 30.12 2.11 0.00 | 33.10 2.42 -0.01 | 33.32 2.48 0.00 | 34.36 2.60 0.00 | 34.25 2.54 0.00 | 35.08 2.46 0.00 | 34.60 2.27 0.00 | 44.86 2.76 0.00 | 39.30 2.24 0.00 | 36.40 2.08 0.00 | 32.58 1.73 0.00 | 30.08 1.55 0.00 | 27.62 1.32 0.00 |
| KCE_NY_1 323755 | 32.32 1.56 0.00 | 31.70 1.58 0.00 | 27.91 1.22 0.00 | 25.09 1.17 0.00 | 24.82 1.15 0.00 | 24.25 1.11 0.00 | 23.52 1.08 0.00 | 23.81 1.12 0.00 | 24.86 1.18 0.00 | 26.78 1.19 0.00 | 30.15 1.35 -0.27 | 29.35 1.33 0.00 | 32.21 1.56 0.02 | 32.34 1.51 0.00 | 33.37 1.61 0.00 | 33.26 1.55 0.00 | 34.21 1.59 0.00 | 33.95 1.62 0.00 | 44.31 2.21 0.00 | 38.99 1.93 0.00 | 36.15 1.82 0.00 | 32.30 1.45 0.00 | 29.80 1.27 0.00 | 27.40 1.11 0.00 |
| KCE_NY_6_ESR 323823 | 30.81 0.05 0.00 | 30.28 0.17 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.94 0.26 0.00 | 23.51 0.37 0.00 | 22.70 0.26 0.00 | 22.81 0.12 0.00 | 23.90 0.22 0.00 | 25.98 0.38 0.00 | 29.32 0.79 0.00 | 28.84 0.82 0.00 | 31.68 1.01 0.00 | 31.70 0.87 0.00 | 32.48 0.72 0.00 | 32.31 0.60 0.00 | 33.04 0.42 0.00 | 32.80 0.48 0.00 | 42.55 0.45 0.00 | 37.51 0.46 0.00 | 34.68 0.36 0.00 | 31.74 0.89 0.00 | 29.63 1.10 0.00 | 27.39 1.10 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 33.58 2.82 0.00 | 32.85 2.74 0.00 | 28.80 2.11 0.00 | 25.53 1.61 0.00 | 25.18 1.50 0.00 | 24.53 1.39 0.00 | 24.18 1.74 0.00 | 24.49 1.81 0.00 | 25.80 2.12 0.00 | 27.91 2.29 -0.02 | 32.42 2.65 -1.25 | 30.76 2.75 0.00 | 33.60 2.92 -0.01 | 33.86 3.03 0.00 | 34.96 3.20 0.00 | 35.08 3.21 -0.16 | 44.27 3.06 -8.59 | 36.93 2.82 -1.79 | 49.81 2.85 -4.87 | 39.26 2.20 0.00 | 36.67 2.35 0.00 | 32.73 1.88 0.00 | 30.34 1.80 0.00 | 27.97 1.67 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 33.58 2.82 0.00 | 32.85 2.74 0.00 | 28.80 2.11 0.00 | 25.53 1.61 0.00 | 25.18 1.50 0.00 | 24.53 1.39 0.00 | 24.18 1.74 0.00 | 24.49 1.81 0.00 | 25.80 2.12 0.00 | 27.91 2.29 -0.02 | 32.42 2.65 -1.25 | 30.76 2.75 0.00 | 33.60 2.92 -0.01 | 33.86 3.03 0.00 | 34.96 3.20 0.00 | 35.08 3.21 -0.16 | 44.27 3.06 -8.59 | 36.93 2.82 -1.79 | 49.81 2.85 -4.87 | 39.26 2.20 0.00 | 36.67 2.35 0.00 | 32.73 1.88 0.00 | 30.34 1.80 0.00 | 27.97 1.67 0.00 |
| KEDC_GLWD_GT4 24219 | 33.17 2.41 0.00 | 32.41 2.30 0.00 | 28.46 1.77 0.00 | 25.39 1.47 0.00 | 25.06 1.39 0.00 | 24.46 1.32 0.00 | 23.86 1.42 0.00 | 24.19 1.51 0.00 | 25.41 1.73 0.00 | 27.56 1.94 -0.02 | 32.09 2.32 -1.25 | 30.47 2.46 0.00 | 33.42 2.74 -0.01 | 33.64 2.80 0.00 | 34.66 2.90 0.00 | 34.35 2.64 0.00 | 35.17 2.55 0.00 | 34.66 2.34 0.00 | 44.73 2.63 0.00 | 39.16 2.10 0.00 | 36.52 2.20 0.00 | 32.67 1.81 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| KEDC_GLWD_GT5 24220 | 33.17 2.41 0.00 | 32.41 2.30 0.00 | 28.46 1.77 0.00 | 25.39 1.47 0.00 | 25.06 1.39 0.00 | 24.46 1.32 0.00 | 23.86 1.42 0.00 | 24.19 1.51 0.00 | 25.41 1.73 0.00 | 27.56 1.94 -0.02 | 32.09 2.32 -1.25 | 30.47 2.46 0.00 | 33.42 2.74 -0.01 | 33.64 2.80 0.00 | 34.66 2.90 0.00 | 34.35 2.64 0.00 | 35.17 2.55 0.00 | 34.66 2.34 0.00 | 44.73 2.63 0.00 | 39.16 2.10 0.00 | 36.52 2.20 0.00 | 32.67 1.81 0.00 | 30.19 1.66 0.00 | 27.76 1.47 0.00 |
| KENSICO____ 23655 | 32.68 1.93 0.00 | 31.95 1.83 0.00 | 28.08 1.40 0.00 | 25.13 1.20 0.00 | 24.82 1.15 0.00 | 24.24 1.10 0.00 | 23.59 1.15 0.00 | 23.91 1.23 0.00 | 25.07 1.39 0.00 | 27.13 1.54 0.00 | 31.64 1.81 -1.31 | 29.99 1.97 0.00 | 32.93 2.25 -0.01 | 33.15 2.32 0.00 | 34.17 2.41 0.00 | 34.04 2.33 0.00 | 34.83 2.20 0.00 | 34.33 2.01 0.00 | 44.49 2.40 0.00 | 39.00 1.94 0.00 | 36.14 1.82 0.00 | 32.37 1.52 0.00 | 29.92 1.39 0.00 | 27.51 1.21 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 32.76 2.01 0.00 | 31.97 1.85 0.00 | 28.14 1.45 0.00 | 25.18 1.26 0.00 | 24.87 1.20 0.00 | 24.29 1.15 0.00 | 23.62 1.18 0.00 | 23.96 1.27 0.00 | 25.11 1.43 0.00 | 27.12 1.53 0.00 | 30.03 1.51 0.00 | 29.71 1.69 0.00 | 32.62 1.94 -0.01 | 32.90 2.06 0.00 | 33.95 2.19 0.00 | 33.90 2.18 0.00 | 34.75 2.13 0.00 | 34.42 2.09 0.00 | 44.75 2.66 0.00 | 39.32 2.27 0.00 | 36.34 2.02 0.00 | 32.54 1.69 0.00 | 30.25 1.72 0.00 | 27.73 1.43 0.00 |
| KIAC_JFK_GT1 23816 | 32.96 2.21 0.00 | 32.18 2.06 0.00 | 28.28 1.59 0.00 | 25.42 1.49 0.00 | 25.12 1.45 0.00 | 24.35 1.21 0.00 | 23.72 1.28 0.00 | 24.07 1.38 0.00 | 25.24 1.57 0.00 | 27.32 1.73 0.00 | 31.73 1.97 -1.23 | 30.27 2.25 0.00 | 33.26 2.58 -0.01 | 33.47 2.64 0.00 | 34.47 2.71 0.00 | 34.36 2.65 0.00 | 35.10 2.48 0.00 | 34.54 2.22 0.00 | 44.77 2.68 0.00 | 39.25 2.19 0.00 | 36.37 2.05 0.00 | 32.63 1.77 0.00 | 30.21 1.68 0.00 | 27.75 1.45 0.00 |
| KIAC_JFK_GT2 23817 | 32.96 2.21 0.00 | 32.18 2.06 0.00 | 28.28 1.59 0.00 | 25.42 1.49 0.00 | 25.12 1.45 0.00 | 24.35 1.21 0.00 | 23.72 1.28 0.00 | 24.07 1.38 0.00 | 25.24 1.57 0.00 | 27.32 1.73 0.00 | 31.73 1.97 -1.23 | 30.27 2.25 0.00 | 33.26 2.58 -0.01 | 33.47 2.64 0.00 | 34.47 2.71 0.00 | 34.36 2.65 0.00 | 35.10 2.48 0.00 | 34.54 2.22 0.00 | 44.77 2.68 0.00 | 39.25 2.19 0.00 | 36.37 2.05 0.00 | 32.63 1.77 0.00 | 30.21 1.68 0.00 | 27.75 1.45 0.00 |
| KIAC_JFK____ 323774 | 32.96 2.21 0.00 | 32.18 2.06 0.00 | 28.28 1.59 0.00 | 25.42 1.49 0.00 | 25.12 1.45 0.00 | 24.35 1.21 0.00 | 23.72 1.28 0.00 | 24.07 1.38 0.00 | 25.24 1.56 0.00 | 27.32 1.73 0.00 | 31.73 1.97 -1.23 | 30.27 2.25 0.00 | 33.26 2.58 -0.01 | 33.47 2.64 0.00 | 34.46 2.70 0.00 | 34.37 2.66 0.00 | 35.10 2.48 0.00 | 34.54 2.22 0.00 | 44.77 2.68 0.00 | 39.24 2.19 0.00 | 36.37 2.05 0.00 | 32.63 1.77 0.00 | 30.21 1.68 0.00 | 27.75 1.45 0.00 |
| KINTIGH____ 23543 | 30.31 -0.45 0.00 | 29.77 -0.34 0.00 | 26.47 -0.21 0.00 | 23.72 -0.21 0.00 | 23.54 -0.13 0.00 | 23.12 -0.01 0.00 | 22.33 -0.11 0.00 | 22.44 -0.24 0.00 | 23.52 -0.16 0.00 | 25.57 -0.03 0.00 | 28.85 0.33 0.00 | 28.40 0.38 0.00 | 31.17 0.50 0.00 | 31.20 0.36 0.00 | 31.92 0.16 0.00 | 31.74 0.03 0.00 | 32.47 -0.15 0.00 | 32.20 -0.12 0.00 | 41.76 -0.34 0.00 | 36.81 -0.25 0.00 | 34.04 -0.28 0.00 | 31.13 0.28 0.00 | 29.09 0.56 0.00 | 26.92 0.62 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 31.30 0.54 0.00 | 30.31 0.19 0.00 | 26.47 -0.22 0.00 | 23.59 -0.33 0.00 | 23.33 -0.35 0.00 | 22.82 -0.31 0.00 | 22.13 -0.31 0.00 | 22.36 -0.32 0.00 | 23.37 -0.31 0.00 | 25.35 -0.24 0.00 | 28.34 -0.18 0.00 | 27.46 -0.56 0.00 | 30.04 -0.63 0.00 | 30.00 -0.84 0.00 | 30.96 -0.80 0.00 | 31.57 -0.14 0.00 | 33.22 0.59 0.00 | 33.05 0.73 0.00 | 43.06 0.96 0.00 | 37.97 0.91 0.00 | 35.30 0.98 0.00 | 31.65 0.80 0.00 | 29.28 0.75 0.00 | 26.82 0.52 0.00 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LACHUTE____HYDRO 323717 | 33.99 3.23 0.00 | 33.31 3.19 0.00 | 29.06 2.37 0.00 | 26.23 2.31 0.00 | 25.86 2.18 0.00 | 25.30 2.16 0.00 | 24.52 2.07 0.00 | 24.99 2.30 0.00 | 26.11 2.43 0.00 | 27.90 2.31 0.00 | 31.23 2.44 -0.27 | 30.34 2.32 0.00 | 33.45 2.80 0.02 | 33.48 2.65 0.00 | 34.47 2.71 0.00 | 34.44 2.73 0.00 | 35.60 2.98 0.00 | 35.55 3.23 0.00 | 46.39 4.29 0.00 | 40.86 3.81 0.00 | 38.11 3.79 0.00 | 33.87 3.02 0.00 | 31.10 2.57 0.00 | 28.52 2.23 0.00 |
| LAWRNCAV_115KV_TB1 80681 | 30.15 -0.60 0.00 | 29.44 -0.68 0.00 | 26.10 -0.58 0.00 | 23.34 -0.58 0.00 | 23.09 -0.59 0.00 | 22.54 -0.60 0.00 | 21.84 -0.60 0.00 | 22.07 -0.61 0.00 | 23.00 -0.68 0.00 | 24.84 -0.75 0.00 | 27.54 -0.98 0.00 | 26.87 -1.15 0.00 | 29.40 -1.27 0.00 | 29.56 -1.27 0.00 | 30.48 -1.28 0.00 | 30.67 -1.04 0.00 | 31.78 -0.84 0.00 | 31.54 -0.78 0.00 | 41.22 -0.87 0.00 | 36.39 -0.66 0.00 | 33.78 -0.54 0.00 | 30.41 -0.45 0.00 | 28.07 -0.46 0.00 | 25.78 -0.52 0.00 |
| LEDERLE____ 23769 | 32.58 1.82 0.00 | 31.83 1.71 0.00 | 28.08 1.40 0.00 | 25.13 1.21 0.00 | 24.82 1.14 0.00 | 24.24 1.10 0.00 | 23.59 1.14 0.00 | 23.91 1.22 0.00 | 25.07 1.39 0.00 | 27.14 1.55 0.00 | 28.73 1.82 1.61 | 30.03 2.01 0.00 | 32.99 2.31 -0.01 | 33.21 2.38 0.00 | 34.24 2.48 0.00 | 34.12 2.41 0.00 | 34.94 2.32 0.00 | 34.48 2.16 0.00 | 44.72 2.62 0.00 | 39.17 2.11 0.00 | 36.28 1.96 0.00 | 32.48 1.63 0.00 | 30.00 1.47 0.00 | 27.54 1.25 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 30.59 -0.16 0.00 | 29.91 -0.20 0.00 | 26.42 -0.27 0.00 | 23.64 -0.28 0.00 | 23.34 -0.33 0.00 | 22.77 -0.36 0.00 | 22.06 -0.38 0.00 | 22.29 -0.39 0.00 | 23.29 -0.38 0.00 | 25.16 -0.43 0.00 | 27.99 -0.54 0.00 | 27.44 -0.57 0.00 | 30.00 -0.67 0.00 | 30.28 -0.55 0.00 | 31.23 -0.53 0.00 | 31.18 -0.53 0.00 | 32.14 -0.48 0.00 | 32.03 -0.30 0.00 | 42.00 -0.09 0.00 | 37.15 0.09 0.00 | 34.42 0.10 0.00 | 30.84 -0.02 0.00 | 28.47 -0.06 0.00 | 26.28 -0.02 0.00 |
| LINDEN COGEN____ 23786 | 32.65 1.89 0.00 | 31.88 1.77 0.00 | 28.09 1.40 0.00 | 25.13 1.20 0.00 | 24.82 1.15 0.00 | 24.23 1.09 0.00 | 23.59 1.14 0.00 | 23.91 1.23 0.00 | 25.07 1.39 0.00 | 27.16 1.57 0.00 | 31.56 1.80 -1.23 | 30.03 2.01 0.00 | 33.00 2.32 -0.01 | 32.92 2.35 0.27 | 34.21 2.44 0.00 | 34.06 2.35 0.00 | 34.81 2.19 0.00 | 34.22 1.90 0.00 | 44.33 2.23 0.00 | 38.84 1.78 0.00 | 36.01 1.69 0.00 | 32.28 1.42 0.00 | 29.88 1.35 0.00 | 27.48 1.18 0.00 |
| LINDHRST_69_KV_BK1 356055 | 33.73 2.98 0.00 | 33.01 2.90 0.00 | 28.94 2.25 0.00 | 25.68 1.76 0.00 | 25.33 1.66 0.00 | 24.69 1.55 0.00 | 24.20 1.76 0.00 | 24.55 1.86 0.00 | 25.85 2.17 0.00 | 28.00 2.39 -0.02 | 32.57 2.80 -1.25 | 30.93 2.92 0.00 | 33.80 3.12 -0.01 | 34.02 3.19 0.00 | 35.09 3.33 0.00 | 35.05 3.33 -0.01 | 37.88 3.31 -1.95 | 36.41 3.18 -0.91 | 48.61 3.44 -3.08 | 39.73 2.68 0.00 | 36.88 2.55 0.00 | 32.96 2.11 0.00 | 30.53 2.00 0.00 | 28.12 1.82 0.00 |
| LIPA_MISC_IPP 23656 | 33.46 2.70 0.00 | 32.73 2.61 0.00 | 28.69 2.00 0.00 | 25.42 1.50 0.00 | 25.05 1.38 0.00 | 24.41 1.27 0.00 | 24.16 1.72 0.00 | 24.45 1.76 0.00 | 25.74 2.06 0.00 | 27.77 2.16 -0.02 | 32.24 2.46 -1.25 | 30.58 2.56 0.00 | 33.41 2.72 -0.01 | 33.67 2.84 0.00 | 34.77 3.01 0.00 | 34.89 3.04 -0.14 | 43.49 3.01 -7.86 | 37.07 2.89 -1.85 | 50.37 2.97 -5.30 | 39.34 2.28 0.00 | 36.55 2.23 0.00 | 32.61 1.76 0.00 | 30.22 1.69 0.00 | 27.86 1.57 0.00 |
| LISF____SOLAR 323691 | 33.54 2.79 0.00 | 32.81 2.70 0.00 | 28.76 2.07 0.00 | 25.47 1.55 0.00 | 25.10 1.42 0.00 | 24.46 1.33 0.00 | 24.21 1.77 0.00 | 24.50 1.82 0.00 | 25.80 2.12 0.00 | 27.82 2.20 -0.02 | 32.28 2.51 -1.25 | 30.61 2.59 0.00 | 33.45 2.77 -0.01 | 33.72 2.89 0.00 | 34.84 3.08 0.00 | 34.95 3.10 -0.14 | 43.67 3.09 -7.95 | 37.19 2.99 -1.87 | 50.57 3.11 -5.36 | 39.46 2.40 0.00 | 36.66 2.34 0.00 | 32.71 1.85 0.00 | 30.31 1.78 0.00 | 27.94 1.64 0.00 |
| LITTLE FALLS____HYD 24013 | 30.51 -0.25 0.00 | 29.98 -0.14 0.00 | 26.31 -0.37 0.00 | 23.64 -0.28 0.00 | 23.40 -0.27 0.00 | 22.92 -0.22 0.00 | 22.30 -0.15 0.00 | 22.48 -0.21 0.00 | 23.46 -0.22 0.00 | 25.21 -0.38 0.00 | 27.98 -0.54 0.00 | 27.48 -0.54 0.00 | 30.14 -0.53 0.00 | 30.40 -0.43 0.00 | 31.27 -0.49 0.00 | 31.15 -0.56 0.00 | 32.09 -0.53 0.00 | 31.89 -0.42 0.00 | 41.70 -0.39 0.00 | 36.88 -0.17 0.00 | 34.35 0.03 0.00 | 30.71 -0.15 0.00 | 28.24 -0.29 0.00 | 25.88 -0.42 0.00 |
| LITTLRIV_115KV_TB1 356100 | 30.50 -0.26 0.00 | 29.76 -0.35 0.00 | 26.41 -0.28 0.00 | 23.61 -0.32 0.00 | 23.34 -0.33 0.00 | 22.80 -0.34 0.00 | 22.10 -0.34 0.00 | 22.33 -0.35 0.00 | 23.25 -0.43 0.00 | 25.09 -0.50 0.00 | 27.81 -0.72 0.00 | 27.13 -0.88 0.00 | 29.69 -0.99 0.00 | 29.86 -0.97 0.00 | 30.80 -0.97 0.00 | 31.02 -0.70 0.00 | 32.15 -0.47 0.00 | 31.93 -0.39 0.00 | 41.76 -0.34 0.00 | 36.92 -0.13 0.00 | 34.31 -0.01 0.00 | 30.90 0.05 0.00 | 28.48 -0.05 0.00 | 26.12 -0.17 0.00 |
| LI_NEWBRDGE____DRP 323616 | 33.05 2.29 0.00 | 32.34 2.22 0.00 | 28.38 1.70 0.00 | 25.26 1.33 0.00 | 24.92 1.24 0.00 | 24.30 1.16 0.00 | 23.78 1.33 0.00 | 24.09 1.41 0.00 | 25.33 1.65 0.00 | 27.45 1.83 -0.02 | 31.90 2.13 -1.25 | 30.26 2.24 0.00 | 33.07 2.39 -0.01 | 33.29 2.45 0.00 | 34.32 2.56 0.00 | 34.21 2.50 0.00 | 35.04 2.41 0.00 | 34.55 2.23 0.00 | 44.41 2.32 0.00 | 38.84 1.78 0.00 | 36.06 1.74 0.00 | 32.25 1.40 0.00 | 29.89 1.36 0.00 | 27.54 1.24 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 30.43 -0.32 0.00 | 29.89 -0.22 0.00 | 26.60 -0.08 0.00 | 23.82 -0.10 0.00 | 23.65 -0.02 0.00 | 23.25 0.11 0.00 | 22.41 -0.03 0.00 | 22.49 -0.20 0.00 | 23.53 -0.15 0.00 | 25.58 -0.01 0.00 | 28.92 0.39 0.00 | 28.45 0.44 0.00 | 31.24 0.57 0.00 | 31.23 0.40 0.00 | 31.96 0.20 0.00 | 31.78 0.07 0.00 | 32.49 -0.13 0.00 | 32.23 -0.09 0.00 | 41.76 -0.34 0.00 | 36.87 -0.18 0.00 | 34.11 -0.21 0.00 | 31.30 0.45 0.00 | 29.28 0.75 0.00 | 27.12 0.82 0.00 |
| LOCKPORT____CC1 323769 | 30.42 -0.34 0.00 | 29.90 -0.22 0.00 | 26.60 -0.08 0.00 | 23.83 -0.09 0.00 | 23.66 -0.02 0.00 | 23.26 0.12 0.00 | 22.42 -0.02 0.00 | 22.49 -0.19 0.00 | 23.55 -0.13 0.00 | 25.59 0.00 0.00 | 28.91 0.38 0.00 | 28.45 0.43 0.00 | 31.23 0.57 0.00 | 31.23 0.40 0.00 | 31.95 0.19 0.00 | 31.77 0.06 0.00 | 32.47 -0.15 0.00 | 32.21 -0.11 0.00 | 41.72 -0.38 0.00 | 36.84 -0.21 0.00 | 34.07 -0.25 0.00 | 31.28 0.42 0.00 | 29.26 0.73 0.00 | 27.10 0.81 0.00 |
| LOCKPORT____CC2 323770 | 30.42 -0.34 0.00 | 29.90 -0.22 0.00 | 26.60 -0.08 0.00 | 23.83 -0.09 0.00 | 23.66 -0.02 0.00 | 23.26 0.12 0.00 | 22.42 -0.02 0.00 | 22.49 -0.19 0.00 | 23.55 -0.13 0.00 | 25.59 0.00 0.00 | 28.91 0.38 0.00 | 28.45 0.43 0.00 | 31.23 0.57 0.00 | 31.23 0.40 0.00 | 31.95 0.19 0.00 | 31.77 0.06 0.00 | 32.47 -0.15 0.00 | 32.21 -0.11 0.00 | 41.72 -0.38 0.00 | 36.84 -0.21 0.00 | 34.07 -0.25 0.00 | 31.28 0.42 0.00 | 29.26 0.73 0.00 | 27.10 0.81 0.00 |
| LOCKPORT____CC3 323771 | 30.42 -0.34 0.00 | 29.90 -0.22 0.00 | 26.60 -0.08 0.00 | 23.83 -0.09 0.00 | 23.66 -0.02 0.00 | 23.26 0.12 0.00 | 22.42 -0.02 0.00 | 22.49 -0.19 0.00 | 23.55 -0.13 0.00 | 25.59 0.00 0.00 | 28.91 0.38 0.00 | 28.45 0.43 0.00 | 31.23 0.57 0.00 | 31.23 0.40 0.00 | 31.95 0.19 0.00 | 31.77 0.06 0.00 | 32.47 -0.15 0.00 | 32.21 -0.11 0.00 | 41.72 -0.38 0.00 | 36.84 -0.21 0.00 | 34.07 -0.25 0.00 | 31.28 0.42 0.00 | 29.26 0.73 0.00 | 27.10 0.81 0.00 |

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| LONG_LAKE_PHOENIX 24014 | 30.40 -0.36 0.00 | 29.77 -0.34 0.00 | 26.36 -0.32 0.00 | 23.62 -0.30 0.00 | 23.39 -0.28 0.00 | 22.88 -0.26 0.00 | 22.17 -0.27 0.00 | 22.40 -0.28 0.00 | 23.42 -0.26 0.00 | 25.37 -0.22 0.00 | 28.32 -0.21 0.00 | 27.81 -0.20 0.00 | 30.39 -0.28 0.00 | 30.55 -0.28 0.00 | 31.46 -0.30 0.00 | 31.37 -0.34 0.00 | 32.23 -0.39 0.00 | 32.00 -0.32 0.00 | 41.72 -0.38 0.00 | 36.76 -0.30 0.00 | 34.05 -0.28 0.00 | 30.66 -0.20 0.00 | 28.36 -0.17 0.00 | 26.20 -0.09 0.00 |
| LOVETT___3 23632 | 32.39 1.64 0.00 | 31.66 1.54 0.00 | 27.92 1.24 0.00 | 24.99 1.07 0.00 | 24.69 1.01 0.00 | 24.10 0.97 0.00 | 23.46 1.01 0.00 | 23.77 1.09 0.00 | 24.91 1.24 0.00 | 26.97 1.38 0.00 | 28.45 1.62 1.69 | 29.82 1.80 0.00 | 32.75 2.07 -0.01 | 32.97 2.14 0.00 | 33.98 2.22 0.00 | 33.86 2.15 0.00 | 34.65 2.03 0.00 | 34.19 1.87 0.00 | 44.36 2.26 0.00 | 38.86 1.81 0.00 | 36.00 1.68 0.00 | 32.24 1.39 0.00 | 29.79 1.26 0.00 | 27.37 1.07 0.00 |
| LOVETT___4 23642 | 32.39 1.64 0.00 | 31.66 1.54 0.00 | 27.92 1.24 0.00 | 24.99 1.07 0.00 | 24.69 1.01 0.00 | 24.10 0.97 0.00 | 23.46 1.01 0.00 | 23.77 1.09 0.00 | 24.91 1.24 0.00 | 26.97 1.38 0.00 | 28.45 1.62 1.69 | 29.82 1.80 0.00 | 32.75 2.07 -0.01 | 32.97 2.14 0.00 | 33.98 2.22 0.00 | 33.86 2.15 0.00 | 34.65 2.03 0.00 | 34.19 1.87 0.00 | 44.36 2.26 0.00 | 38.86 1.81 0.00 | 36.00 1.68 0.00 | 32.24 1.39 0.00 | 29.79 1.26 0.00 | 27.37 1.07 0.00 |
| LOVETT___5 23593 | 32.39 1.64 0.00 | 31.66 1.54 0.00 | 27.92 1.24 0.00 | 24.99 1.07 0.00 | 24.69 1.01 0.00 | 24.10 0.97 0.00 | 23.46 1.01 0.00 | 23.77 1.09 0.00 | 24.91 1.24 0.00 | 26.97 1.38 0.00 | 28.45 1.62 1.69 | 29.82 1.80 0.00 | 32.75 2.07 -0.01 | 32.97 2.14 0.00 | 33.98 2.22 0.00 | 33.86 2.15 0.00 | 34.65 2.03 0.00 | 34.19 1.87 0.00 | 44.36 2.26 0.00 | 38.86 1.81 0.00 | 36.00 1.68 0.00 | 32.24 1.39 0.00 | 29.79 1.26 0.00 | 27.37 1.07 0.00 |
| LOWER_RAQUET___HYD 24057 | 30.03 -0.72 0.00 | 29.30 -0.81 0.00 | 25.98 -0.71 0.00 | 23.22 -0.70 0.00 | 22.96 -0.72 0.00 | 22.41 -0.73 0.00 | 21.71 -0.73 0.00 | 21.95 -0.74 0.00 | 22.87 -0.81 0.00 | 24.70 -0.89 0.00 | 27.37 -1.16 0.00 | 26.69 -1.33 0.00 | 29.19 -1.47 0.00 | 29.37 -1.47 0.00 | 30.30 -1.46 0.00 | 30.50 -1.21 0.00 | 31.63 -1.00 0.00 | 31.40 -0.92 0.00 | 41.07 -1.03 0.00 | 36.28 -0.77 0.00 | 33.69 -0.63 0.00 | 30.32 -0.53 0.00 | 27.97 -0.56 0.00 | 25.68 -0.61 0.00 |
| LOWER___HUDSON 24059 | 31.84 1.08 0.00 | 31.32 1.20 0.00 | 27.60 0.91 0.00 | 24.85 0.93 0.00 | 24.56 0.88 0.00 | 23.99 0.86 0.00 | 23.26 0.82 0.00 | 23.53 0.85 0.00 | 24.58 0.90 0.00 | 26.43 0.83 0.00 | 29.71 0.90 -0.29 | 28.93 0.91 0.00 | 31.71 1.07 0.02 | 31.87 1.04 0.00 | 32.86 1.10 0.00 | 32.68 0.97 0.00 | 33.61 0.99 0.00 | 33.29 0.97 0.00 | 43.39 1.29 0.00 | 38.24 1.19 0.00 | 35.43 1.11 0.00 | 31.67 0.82 0.00 | 29.26 0.73 0.00 | 26.95 0.66 0.00 |
| LOWVILLE_115KV_TB2 356335 | 31.33 0.58 0.00 | 30.56 0.44 0.00 | 26.90 0.21 0.00 | 24.02 0.10 0.00 | 23.59 -0.08 0.00 | 22.94 -0.20 0.00 | 22.19 -0.25 0.00 | 22.40 -0.28 0.00 | 23.50 -0.18 0.00 | 25.21 -0.38 0.00 | 27.83 -0.70 0.00 | 27.16 -0.86 0.00 | 29.72 -0.95 0.00 | 30.17 -0.67 0.00 | 31.26 -0.50 0.00 | 31.29 -0.42 0.00 | 32.36 -0.27 0.00 | 32.42 0.10 0.00 | 42.88 0.78 0.00 | 38.09 1.03 0.00 | 35.27 0.95 0.00 | 31.47 0.62 0.00 | 28.95 0.42 0.00 | 26.70 0.41 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 32.31 1.56 0.00 | 31.71 1.59 0.00 | 27.92 1.24 0.00 | 25.10 1.18 0.00 | 24.82 1.14 0.00 | 24.24 1.11 0.00 | 23.52 1.08 0.00 | 23.81 1.12 0.00 | 24.87 1.19 0.00 | 26.78 1.19 0.00 | 30.11 1.31 -0.27 | 29.33 1.31 0.00 | 32.19 1.54 0.02 | 32.34 1.51 0.00 | 33.34 1.58 0.00 | 33.21 1.49 0.00 | 34.17 1.55 0.00 | 33.90 1.57 0.00 | 44.25 2.15 0.00 | 38.97 1.91 0.00 | 36.11 1.79 0.00 | 32.28 1.42 0.00 | 29.78 1.25 0.00 | 27.39 1.09 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 32.32 1.57 0.00 | 31.70 1.58 0.00 | 27.91 1.22 0.00 | 25.09 1.17 0.00 | 24.82 1.15 0.00 | 24.25 1.11 0.00 | 23.52 1.08 0.00 | 23.81 1.12 0.00 | 24.86 1.18 0.00 | 26.78 1.19 0.00 | 30.15 1.35 -0.27 | 29.35 1.33 0.00 | 32.21 1.56 0.02 | 32.34 1.51 0.00 | 33.37 1.61 0.00 | 33.26 1.55 0.00 | 34.21 1.59 0.00 | 33.95 1.62 0.00 | 44.31 2.22 0.00 | 38.99 1.93 0.00 | 36.15 1.83 0.00 | 32.30 1.45 0.00 | 29.80 1.27 0.00 | 27.40 1.10 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 30.60 -0.15 0.00 | 29.85 -0.27 0.00 | 26.36 -0.33 0.00 | 23.55 -0.38 0.00 | 23.21 -0.46 0.00 | 22.61 -0.53 0.00 | 21.88 -0.56 0.00 | 22.10 -0.58 0.00 | 23.09 -0.59 0.00 | 24.85 -0.74 0.00 | 27.49 -1.03 0.00 | 26.82 -1.20 0.00 | 29.34 -1.33 0.00 | 29.66 -1.18 0.00 | 30.68 -1.09 0.00 | 30.78 -0.93 0.00 | 31.87 -0.75 0.00 | 31.81 -0.51 0.00 | 41.86 -0.23 0.00 | 37.12 0.06 0.00 | 34.42 0.10 0.00 | 30.83 -0.02 0.00 | 28.40 -0.13 0.00 | 26.13 -0.17 0.00 |
| LYONS_FALL_HYD 23570 | 31.39 0.64 0.00 | 30.65 0.53 0.00 | 27.01 0.33 0.00 | 24.15 0.23 0.00 | 23.79 0.12 0.00 | 23.19 0.05 0.00 | 22.45 0.01 0.00 | 22.68 -0.01 0.00 | 23.77 0.08 0.00 | 25.58 -0.01 0.00 | 28.34 -0.18 0.00 | 27.74 -0.28 0.00 | 30.34 -0.32 0.00 | 30.70 -0.13 0.00 | 31.74 -0.02 0.00 | 31.74 0.03 0.00 | 32.76 0.14 0.00 | 32.72 0.39 0.00 | 43.05 0.96 0.00 | 38.12 1.07 0.00 | 35.31 0.99 0.00 | 31.58 0.73 0.00 | 29.09 0.56 0.00 | 26.80 0.51 0.00 |
| MADISON___COUNTY_LFGE 323628 | 31.53 0.77 0.00 | 30.83 0.72 0.00 | 27.25 0.56 0.00 | 24.41 0.49 0.00 | 24.12 0.45 0.00 | 23.58 0.44 0.00 | 22.86 0.42 0.00 | 23.08 0.40 0.00 | 24.13 0.45 0.00 | 26.10 0.51 0.00 | 29.09 0.56 0.00 | 28.57 0.56 0.00 | 31.24 0.58 0.00 | 31.47 0.64 0.00 | 32.45 0.69 0.00 | 32.41 0.70 0.00 | 33.36 0.74 0.00 | 33.15 0.82 0.00 | 43.34 1.25 0.00 | 38.27 1.22 0.00 | 35.48 1.15 0.00 | 31.88 1.03 0.00 | 29.42 0.88 0.00 | 27.07 0.78 0.00 |
| MALONE___115KV_TB1 356076 | 30.90 0.14 0.00 | 29.97 -0.15 0.00 | 26.34 -0.34 0.00 | 23.48 -0.44 0.00 | 23.21 -0.47 0.00 | 22.71 -0.43 0.00 | 21.99 -0.45 0.00 | 22.24 -0.44 0.00 | 23.22 -0.46 0.00 | 25.22 -0.37 0.00 | 28.10 -0.42 0.00 | 27.27 -0.75 0.00 | 29.83 -0.84 0.00 | 29.88 -0.96 0.00 | 30.82 -0.95 0.00 | 31.26 -0.45 0.00 | 32.76 0.13 0.00 | 32.54 0.22 0.00 | 42.46 0.36 0.00 | 37.53 0.47 0.00 | 34.86 0.53 0.00 | 31.29 0.44 0.00 | 28.93 0.40 0.00 | 26.52 0.22 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 31.85 1.09 0.00 | 31.26 1.14 0.00 | 27.56 0.87 0.00 | 24.80 0.88 0.00 | 24.51 0.84 0.00 | 23.95 0.81 0.00 | 23.23 0.78 0.00 | 23.50 0.82 0.00 | 24.56 0.88 0.00 | 26.43 0.84 0.00 | 29.75 0.94 -0.28 | 28.98 0.96 0.00 | 31.80 1.15 0.02 | 32.00 1.17 0.00 | 32.99 1.22 0.00 | 32.84 1.13 0.00 | 33.78 1.16 0.00 | 33.48 1.15 0.00 | 43.62 1.52 0.00 | 38.41 1.35 0.00 | 35.55 1.23 0.00 | 31.81 0.96 0.00 | 29.35 0.82 0.00 | 26.99 0.69 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 30.65 -0.11 0.00 | 29.98 -0.13 0.00 | 26.53 -0.16 0.00 | 23.68 -0.24 0.00 | 23.21 -0.46 0.00 | 22.61 -0.52 0.00 | 21.84 -0.60 0.00 | 22.21 -0.47 0.00 | 23.35 -0.33 0.00 | 25.08 -0.51 0.00 | 27.76 -0.77 0.00 | 27.12 -0.90 0.00 | 29.71 -0.96 0.00 | 30.06 -0.78 0.00 | 31.15 -0.61 0.00 | 31.16 -0.55 0.00 | 32.15 -0.47 0.00 | 32.07 -0.25 0.00 | 42.00 -0.09 0.00 | 37.09 0.04 0.00 | 34.28 -0.05 0.00 | 30.70 -0.15 0.00 | 28.35 -0.18 0.00 | 26.16 -0.14 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MAPLE RIDGE_WT_2 323611 | 30.65 -0.11 0.00 | 29.98 -0.13 0.00 | 26.53 -0.16 0.00 | 23.68 -0.24 0.00 | 23.21 -0.46 0.00 | 22.61 -0.52 0.00 | 21.84 -0.60 0.00 | 22.21 -0.47 0.00 | 23.35 -0.33 0.00 | 25.08 -0.51 0.00 | 27.76 -0.77 0.00 | 27.12 -0.90 0.00 | 29.71 -0.96 0.00 | 30.06 -0.78 0.00 | 31.15 -0.61 0.00 | 31.16 -0.55 0.00 | 32.15 -0.47 0.00 | 32.07 -0.25 0.00 | 42.00 -0.09 0.00 | 37.09 0.04 0.00 | 34.28 -0.05 0.00 | 30.70 -0.15 0.00 | 28.35 -0.18 0.00 | 26.16 -0.14 0.00 |
| MARBLE RIVER_WT_PWR 323696 | 30.87 0.11 0.00 | 29.90 -0.22 0.00 | 26.15 -0.54 0.00 | 23.29 -0.63 0.00 | 23.04 -0.64 0.00 | 22.52 -0.61 0.00 | 21.82 -0.63 0.00 | 22.03 -0.66 0.00 | 23.00 -0.68 0.00 | 24.98 -0.61 0.00 | 27.92 -0.61 0.00 | 27.07 -0.95 0.00 | 29.62 -1.05 0.00 | 29.61 -1.22 0.00 | 30.57 -1.20 0.00 | 31.16 -0.55 0.00 | 32.77 0.15 0.00 | 32.58 0.26 0.00 | 42.46 0.36 0.00 | 37.43 0.38 0.00 | 34.75 0.43 0.00 | 31.15 0.30 0.00 | 28.85 0.31 0.00 | 26.46 0.16 0.00 |
| MARSHVLE_115KV_TB1 80742 | 33.31 2.55 0.00 | 32.47 2.36 0.00 | 28.79 2.11 0.00 | 25.75 1.82 0.00 | 25.44 1.77 0.00 | 24.92 1.77 0.00 | 24.14 1.70 0.00 | 24.34 1.65 0.00 | 25.37 1.70 0.00 | 27.45 1.86 0.00 | 30.81 2.09 -0.20 | 29.97 1.95 0.00 | 32.80 2.14 0.01 | 32.96 2.13 0.00 | 33.95 2.19 0.00 | 33.94 2.23 0.00 | 34.90 2.28 0.00 | 34.75 2.43 0.00 | 45.55 3.45 0.00 | 40.39 3.33 0.00 | 37.45 3.13 0.00 | 33.78 2.93 0.00 | 31.21 2.68 0.00 | 28.72 2.42 0.00 |
| MARSH_HILL_WT_PWR 323713 | 30.69 -0.06 0.00 | 30.43 0.31 0.00 | 27.20 0.51 0.00 | 24.37 0.45 0.00 | 24.12 0.45 0.00 | 23.59 0.45 0.00 | 22.73 0.29 0.00 | 22.81 0.12 0.00 | 23.99 0.31 0.00 | 26.13 0.53 0.00 | 29.12 0.59 0.00 | 28.61 0.60 0.00 | 31.52 0.85 0.00 | 31.64 0.81 0.00 | 32.49 0.73 0.00 | 32.49 0.78 0.00 | 33.21 0.58 0.00 | 33.07 0.75 0.00 | 43.29 1.20 0.00 | 38.25 1.20 0.00 | 35.54 1.22 0.00 | 32.26 1.40 0.00 | 29.91 1.38 0.00 | 27.56 1.27 0.00 |
| MCINTYRE_115KV_TB2 80467 | 30.83 0.07 0.00 | 30.10 -0.02 0.00 | 26.73 0.05 0.00 | 23.91 -0.01 0.00 | 23.65 -0.02 0.00 | 23.11 -0.03 0.00 | 22.40 -0.04 0.00 | 22.62 -0.06 0.00 | 23.51 -0.17 0.00 | 25.37 -0.22 0.00 | 28.12 -0.40 0.00 | 27.47 -0.55 0.00 | 30.05 -0.62 0.00 | 30.21 -0.62 0.00 | 31.14 -0.62 0.00 | 31.35 -0.36 0.00 | 32.48 -0.14 0.00 | 32.23 -0.09 0.00 | 42.11 0.01 0.00 | 37.24 0.19 0.00 | 34.64 0.32 0.00 | 31.21 0.35 0.00 | 28.78 0.25 0.00 | 26.39 0.09 0.00 |
| MECO____69_KV_BK1 80468 | 34.37 3.62 0.00 | 33.52 3.40 0.00 | 29.64 2.96 0.00 | 26.51 2.59 0.00 | 26.19 2.52 0.00 | 25.66 2.52 0.00 | 24.72 2.27 0.00 | 24.66 1.97 0.00 | 25.42 1.74 0.00 | 27.70 2.11 0.00 | 31.15 2.41 -0.22 | 30.12 2.11 0.00 | 33.20 2.54 0.01 | 33.46 2.62 0.00 | 33.86 2.09 0.00 | 33.98 2.26 0.00 | 35.07 2.45 0.00 | 35.28 2.96 0.00 | 47.06 4.96 0.00 | 42.21 5.15 0.00 | 39.10 4.78 0.00 | 35.05 4.19 0.00 | 32.28 3.75 0.00 | 29.58 3.29 0.00 |
| MENANDS__115KV_TB5 355628 | 31.52 0.76 0.00 | 30.96 0.84 0.00 | 27.30 0.62 0.00 | 24.59 0.66 0.00 | 24.30 0.63 0.00 | 23.74 0.60 0.00 | 23.02 0.58 0.00 | 23.29 0.61 0.00 | 24.33 0.65 0.00 | 26.18 0.59 0.00 | 29.46 0.65 -0.28 | 28.70 0.68 0.00 | 31.48 0.83 0.02 | 31.66 0.83 0.00 | 32.65 0.89 0.00 | 32.49 0.78 0.00 | 33.41 0.79 0.00 | 33.07 0.75 0.00 | 43.06 0.97 0.00 | 37.90 0.85 0.00 | 35.09 0.76 0.00 | 31.39 0.54 0.00 | 28.98 0.45 0.00 | 26.67 0.37 0.00 |
| MG INDUSTRY__DRP 24185 | 31.61 0.86 0.00 | 31.04 0.92 0.00 | 27.39 0.70 0.00 | 24.65 0.72 0.00 | 24.38 0.71 0.00 | 23.83 0.69 0.00 | 23.12 0.67 0.00 | 23.36 0.68 0.00 | 24.39 0.71 0.00 | 26.23 0.64 0.00 | 29.52 0.73 -0.26 | 28.77 0.76 0.00 | 31.54 0.88 0.01 | 31.71 0.88 0.00 | 32.69 0.93 0.00 | 32.56 0.84 0.00 | 33.48 0.85 0.00 | 33.16 0.83 0.00 | 43.19 1.09 0.00 | 38.03 0.98 0.00 | 35.22 0.90 0.00 | 31.55 0.70 0.00 | 29.12 0.59 0.00 | 26.80 0.50 0.00 |
| MID__OSWEGATCHIE_HYD 23849 | 30.60 -0.15 0.00 | 29.85 -0.27 0.00 | 26.36 -0.33 0.00 | 23.55 -0.38 0.00 | 23.21 -0.46 0.00 | 22.61 -0.53 0.00 | 21.88 -0.56 0.00 | 22.10 -0.58 0.00 | 23.09 -0.59 0.00 | 24.85 -0.74 0.00 | 27.49 -1.03 0.00 | 26.82 -1.20 0.00 | 29.34 -1.33 0.00 | 29.66 -1.18 0.00 | 30.68 -1.09 0.00 | 30.78 -0.93 0.00 | 31.87 -0.75 0.00 | 31.81 -0.51 0.00 | 41.86 -0.23 0.00 | 37.12 0.06 0.00 | 34.42 0.10 0.00 | 30.83 -0.02 0.00 | 28.40 -0.13 0.00 | 26.13 -0.17 0.00 |
| MID__RAQUETTE_HYD 23851 | 30.03 -0.73 0.00 | 29.30 -0.81 0.00 | 25.98 -0.71 0.00 | 23.22 -0.70 0.00 | 22.96 -0.72 0.00 | 22.41 -0.72 0.00 | 21.72 -0.73 0.00 | 21.95 -0.73 0.00 | 22.87 -0.81 0.00 | 24.70 -0.89 0.00 | 27.37 -1.16 0.00 | 26.69 -1.33 0.00 | 29.19 -1.47 0.00 | 29.37 -1.47 0.00 | 30.30 -1.46 0.00 | 30.50 -1.21 0.00 | 31.62 -1.00 0.00 | 31.40 -0.92 0.00 | 41.07 -1.03 0.00 | 36.28 -0.77 0.00 | 33.69 -0.63 0.00 | 30.32 -0.53 0.00 | 27.97 -0.56 0.00 | 25.68 -0.61 0.00 |
| MILLIKEN__1 23584 | 31.36 0.60 0.00 | 30.66 0.54 0.00 | 27.17 0.48 0.00 | 24.31 0.39 0.00 | 24.09 0.42 0.00 | 23.55 0.42 0.00 | 22.87 0.43 0.00 | 23.10 0.42 0.00 | 24.16 0.48 0.00 | 26.06 0.47 0.00 | 29.09 0.57 0.00 | 28.62 0.60 0.00 | 31.34 0.68 0.00 | 31.50 0.67 0.00 | 32.42 0.65 0.00 | 32.38 0.67 0.00 | 33.34 0.72 0.00 | 33.20 0.88 0.00 | 43.25 1.16 0.00 | 38.19 1.14 0.00 | 35.42 1.09 0.00 | 31.91 1.05 0.00 | 29.42 0.89 0.00 | 27.12 0.83 0.00 |
| MILLIKEN__2 23585 | 31.36 0.60 0.00 | 30.66 0.54 0.00 | 27.17 0.48 0.00 | 24.31 0.39 0.00 | 24.09 0.42 0.00 | 23.55 0.42 0.00 | 22.87 0.43 0.00 | 23.10 0.42 0.00 | 24.16 0.48 0.00 | 26.06 0.47 0.00 | 29.09 0.57 0.00 | 28.62 0.60 0.00 | 31.34 0.68 0.00 | 31.50 0.67 0.00 | 32.42 0.65 0.00 | 32.38 0.67 0.00 | 33.34 0.72 0.00 | 33.20 0.88 0.00 | 43.25 1.16 0.00 | 38.19 1.14 0.00 | 35.42 1.09 0.00 | 31.91 1.05 0.00 | 29.42 0.89 0.00 | 27.12 0.83 0.00 |
| MILLIKEN__DIESEL 23629 | 31.36 0.60 0.00 | 30.66 0.54 0.00 | 27.17 0.48 0.00 | 24.31 0.39 0.00 | 24.09 0.42 0.00 | 23.55 0.42 0.00 | 22.87 0.43 0.00 | 23.10 0.42 0.00 | 24.16 0.48 0.00 | 26.06 0.47 0.00 | 29.09 0.57 0.00 | 28.62 0.60 0.00 | 31.34 0.68 0.00 | 31.50 0.67 0.00 | 32.42 0.65 0.00 | 32.38 0.67 0.00 | 33.34 0.72 0.00 | 33.20 0.88 0.00 | 43.25 1.16 0.00 | 38.19 1.14 0.00 | 35.42 1.09 0.00 | 31.91 1.05 0.00 | 29.42 0.89 0.00 | 27.12 0.83 0.00 |
| MILLSEAT__LFGE 323607 | 30.99 0.24 0.00 | 30.40 0.29 0.00 | 27.02 0.34 0.00 | 24.18 0.26 0.00 | 24.00 0.32 0.00 | 23.59 0.45 0.00 | 22.76 0.31 0.00 | 22.85 0.16 0.00 | 23.92 0.24 0.00 | 25.96 0.37 0.00 | 29.31 0.78 0.00 | 28.88 0.86 0.00 | 31.74 1.07 0.00 | 31.81 0.98 0.00 | 32.59 0.83 0.00 | 32.39 0.68 0.00 | 33.14 0.52 0.00 | 32.97 0.65 0.00 | 42.79 0.70 0.00 | 37.86 0.80 0.00 | 35.03 0.70 0.00 | 32.05 1.20 0.00 | 29.89 1.36 0.00 | 27.62 1.32 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 32.61 1.85 0.00 | 31.86 1.75 0.00 | 28.02 1.33 0.00 | 25.08 1.16 0.00 | 24.77 1.10 0.00 | 24.19 1.05 0.00 | 23.54 1.10 0.00 | 23.86 1.18 0.00 | 25.01 1.33 0.00 | 27.06 1.47 0.00 | 31.62 1.73 -1.37 | 29.90 1.89 0.00 | 32.84 2.16 -0.01 | 33.06 2.23 0.00 | 34.08 2.32 0.00 | 33.95 2.24 0.00 | 34.75 2.13 0.00 | 34.26 1.94 0.00 | 44.42 2.32 0.00 | 38.93 1.88 0.00 | 36.08 1.75 0.00 | 32.32 1.46 0.00 | 29.87 1.33 0.00 | 27.45 1.15 0.00 |

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| MILLWOOD_13_KV_LOAD 356217 | 32.71 1.96 0.00 | 31.97 1.86 0.00 | 28.11 1.42 0.00 | 25.15 1.23 0.00 | 24.84 1.17 0.00 | 24.26 1.12 0.00 | 23.61 1.16 0.00 | 23.93 1.25 0.00 | 25.10 1.42 0.00 | 27.16 1.57 0.00 | 31.73 1.84 -1.37 | 30.02 2.00 0.00 | 32.97 2.29 -0.01 | 33.19 2.36 0.00 | 34.22 2.46 0.00 | 34.10 2.39 0.00 | 34.91 2.28 0.00 | 34.43 2.10 0.00 | 44.62 2.52 0.00 | 39.10 2.05 0.00 | 36.23 1.91 0.00 | 32.44 1.59 0.00 | 29.98 1.45 0.00 | 27.54 1.24 0.00 |
| MODEL_CITY_ENERGY 24167 | 30.10 -0.66 0.00 | 29.58 -0.54 0.00 | 26.33 -0.36 0.00 | 23.58 -0.34 0.00 | 23.41 -0.26 0.00 | 23.02 -0.12 0.00 | 22.18 -0.26 0.00 | 22.25 -0.43 0.00 | 23.30 -0.39 0.00 | 25.31 -0.28 0.00 | 28.59 0.07 0.00 | 28.14 0.12 0.00 | 30.88 0.21 0.00 | 30.86 0.03 0.00 | 31.57 -0.19 0.00 | 31.40 -0.31 0.00 | 32.07 -0.55 0.00 | 31.82 -0.51 0.00 | 41.19 -0.91 0.00 | 36.37 -0.68 0.00 | 33.66 -0.66 0.00 | 30.92 0.07 0.00 | 28.93 0.40 0.00 | 26.82 0.52 0.00 |
| MODERN_LFGE_ 323580 | 30.10 -0.66 0.00 | 29.58 -0.54 0.00 | 26.33 -0.36 0.00 | 23.58 -0.34 0.00 | 23.41 -0.26 0.00 | 23.02 -0.12 0.00 | 22.18 -0.26 0.00 | 22.25 -0.43 0.00 | 23.30 -0.39 0.00 | 25.31 -0.28 0.00 | 28.59 0.07 0.00 | 28.14 0.12 0.00 | 30.88 0.21 0.00 | 30.86 0.03 0.00 | 31.57 -0.19 0.00 | 31.40 -0.31 0.00 | 32.07 -0.55 0.00 | 31.82 -0.51 0.00 | 41.19 -0.91 0.00 | 36.37 -0.68 0.00 | 33.66 -0.66 0.00 | 30.92 0.07 0.00 | 28.93 0.40 0.00 | 26.82 0.52 0.00 |
| MOHAWK_PAPER___DRP 24187 | 31.85 1.09 0.00 | 31.26 1.14 0.00 | 27.56 0.87 0.00 | 24.80 0.88 0.00 | 24.51 0.84 0.00 | 23.95 0.81 0.00 | 23.23 0.78 0.00 | 23.50 0.82 0.00 | 24.56 0.88 0.00 | 26.43 0.84 0.00 | 29.75 0.94 -0.28 | 28.98 0.96 0.00 | 31.80 1.15 0.02 | 32.00 1.17 0.00 | 32.99 1.22 0.00 | 32.84 1.13 0.00 | 33.78 1.16 0.00 | 33.48 1.15 0.00 | 43.62 1.52 0.00 | 38.41 1.35 0.00 | 35.55 1.23 0.00 | 31.81 0.96 0.00 | 29.35 0.82 0.00 | 26.99 0.69 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 32.43 1.67 0.00 | 31.81 1.70 0.00 | 27.92 1.23 0.00 | 25.12 1.20 0.00 | 24.82 1.14 0.00 | 24.22 1.08 0.00 | 23.50 1.05 0.00 | 23.84 1.15 0.00 | 24.89 1.21 0.00 | 26.78 1.19 0.00 | 30.03 1.23 -0.27 | 29.22 1.20 0.00 | 32.10 1.45 0.02 | 32.22 1.38 0.00 | 33.19 1.43 0.00 | 33.06 1.34 0.00 | 34.07 1.44 0.00 | 33.89 1.56 0.00 | 44.32 2.23 0.00 | 39.07 2.02 0.00 | 36.26 1.93 0.00 | 32.35 1.50 0.00 | 29.83 1.30 0.00 | 27.41 1.11 0.00 |
| MONGAUP___HYD 23641 | 32.21 1.45 0.00 | 31.47 1.36 0.00 | 27.74 1.05 0.00 | 24.84 0.92 0.00 | 24.55 0.88 0.00 | 23.98 0.84 0.00 | 23.31 0.87 0.00 | 23.60 0.92 0.00 | 24.69 1.01 0.00 | 26.58 0.98 0.00 | 28.63 1.07 0.96 | 29.17 1.15 0.00 | 32.08 1.41 -0.01 | 32.36 1.52 0.00 | 33.20 1.44 0.00 | 32.87 1.16 0.00 | 33.74 1.12 0.00 | 33.47 1.14 0.00 | 44.01 1.92 0.00 | 38.86 1.80 0.00 | 35.96 1.63 0.00 | 32.24 1.39 0.00 | 29.75 1.22 0.00 | 27.30 1.00 0.00 |
| MONTAUK___DIESEL 23721 | 35.07 4.31 0.00 | 34.18 4.07 0.00 | 29.92 3.24 0.00 | 26.46 2.54 0.00 | 26.06 2.39 0.00 | 25.40 2.26 0.00 | 25.19 2.74 0.00 | 25.54 2.86 0.00 | 27.05 3.37 0.00 | 29.31 3.69 -0.02 | 34.04 4.27 -1.25 | 32.39 4.37 0.00 | 35.32 4.64 -0.01 | 35.66 4.83 0.00 | 36.94 5.17 0.00 | 37.18 5.33 -0.14 | 45.92 5.40 -7.89 | 39.49 5.30 -1.86 | 53.47 6.06 -5.32 | 41.88 4.83 0.00 | 38.87 4.55 0.00 | 34.57 3.72 0.00 | 31.86 3.33 0.00 | 29.40 3.10 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 31.33 0.58 0.00 | 30.89 0.78 0.00 | 27.49 0.81 0.00 | 24.61 0.69 0.00 | 24.43 0.76 0.00 | 24.00 0.86 0.00 | 23.24 0.80 0.00 | 23.41 0.72 0.00 | 24.58 0.90 0.00 | 26.80 1.21 0.00 | 30.14 1.61 0.00 | 29.66 1.64 0.00 | 32.64 1.97 0.00 | 32.78 1.95 0.00 | 33.59 1.83 0.00 | 33.40 1.69 0.00 | 34.18 1.56 0.00 | 33.96 1.63 0.00 | 44.19 2.09 0.00 | 38.86 1.81 0.00 | 35.91 1.59 0.00 | 32.70 1.85 0.00 | 30.44 1.91 0.00 | 28.05 1.75 0.00 |
| MORTIMER_115KV_TB3 55949 | 30.80 0.04 0.00 | 30.18 0.07 0.00 | 26.78 0.09 0.00 | 23.98 0.05 0.00 | 23.78 0.10 0.00 | 23.32 0.18 0.00 | 22.54 0.10 0.00 | 22.71 0.02 0.00 | 23.80 0.12 0.00 | 25.90 0.30 0.00 | 29.19 0.67 0.00 | 28.80 0.78 0.00 | 31.65 0.98 0.00 | 31.75 0.91 0.00 | 32.55 0.78 0.00 | 32.39 0.68 0.00 | 33.24 0.62 0.00 | 33.00 0.68 0.00 | 42.91 0.81 0.00 | 37.83 0.78 0.00 | 34.96 0.64 0.00 | 31.79 0.94 0.00 | 29.56 1.03 0.00 | 27.28 0.98 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 32.84 2.08 0.00 | 32.09 1.97 0.00 | 28.22 1.53 0.00 | 25.25 1.32 0.00 | 24.94 1.26 0.00 | 24.35 1.22 0.00 | 23.72 1.27 0.00 | 24.04 1.36 0.00 | 25.22 1.54 0.00 | 27.30 1.71 0.00 | 31.74 1.99 -1.23 | 30.19 2.17 0.00 | 33.16 2.48 -0.01 | 33.37 2.54 0.00 | 34.38 2.62 0.00 | 34.24 2.53 0.00 | 35.01 2.39 0.00 | 34.46 2.14 0.00 | 44.62 2.53 0.00 | 39.11 2.06 0.00 | 36.25 1.93 0.00 | 32.49 1.64 0.00 | 30.05 1.52 0.00 | 27.64 1.34 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 32.86 2.10 0.00 | 32.17 2.06 0.00 | 28.42 1.74 0.00 | 25.42 1.50 0.00 | 25.12 1.45 0.00 | 24.67 1.53 0.00 | 23.98 1.54 0.00 | 24.19 1.51 0.00 | 25.25 1.57 0.00 | 27.06 1.47 0.00 | 30.26 1.73 0.00 | 29.65 1.63 0.00 | 32.48 1.81 0.00 | 32.55 1.72 0.00 | 33.46 1.70 0.00 | 33.45 1.73 0.00 | 34.64 2.02 0.00 | 34.86 2.54 0.00 | 45.70 3.60 0.00 | 40.53 3.48 0.00 | 37.58 3.25 0.00 | 33.85 3.00 0.00 | 31.13 2.60 0.00 | 28.53 2.23 0.00 |
| N SALMON___HYD 24042 | 30.90 0.14 0.00 | 29.97 -0.15 0.00 | 26.34 -0.34 0.00 | 23.48 -0.44 0.00 | 23.21 -0.47 0.00 | 22.71 -0.43 0.00 | 21.99 -0.46 0.00 | 22.24 -0.44 0.00 | 23.22 -0.46 0.00 | 25.23 -0.37 0.00 | 28.11 -0.42 0.00 | 27.27 -0.75 0.00 | 29.83 -0.84 0.00 | 29.88 -0.96 0.00 | 30.82 -0.95 0.00 | 31.26 -0.45 0.00 | 32.76 0.14 0.00 | 32.54 0.22 0.00 | 42.46 0.36 0.00 | 37.53 0.47 0.00 | 34.86 0.53 0.00 | 31.29 0.44 0.00 | 28.93 0.40 0.00 | 26.52 0.22 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 30.88 0.13 0.00 | 30.31 0.19 0.00 | 26.95 0.26 0.00 | 24.12 0.20 0.00 | 23.94 0.27 0.00 | 23.54 0.40 0.00 | 22.70 0.25 0.00 | 22.78 0.10 0.00 | 23.85 0.17 0.00 | 25.92 0.32 0.00 | 29.29 0.76 0.00 | 28.83 0.82 0.00 | 31.68 1.01 0.00 | 31.71 0.88 0.00 | 32.48 0.72 0.00 | 32.28 0.57 0.00 | 33.04 0.42 0.00 | 32.83 0.51 0.00 | 42.57 0.47 0.00 | 37.62 0.57 0.00 | 34.81 0.49 0.00 | 31.89 1.04 0.00 | 29.77 1.24 0.00 | 27.52 1.22 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 33.40 2.65 0.00 | 32.65 2.53 0.00 | 28.64 1.96 0.00 | 25.48 1.56 0.00 | 25.14 1.47 0.00 | 24.51 1.37 0.00 | 23.97 1.52 0.00 | 24.30 1.61 0.00 | 25.57 1.89 0.00 | 27.72 2.11 -0.02 | 32.24 2.47 -1.25 | 30.61 2.60 0.00 | 33.49 2.81 -0.01 | 33.70 2.87 0.00 | 34.76 3.00 0.00 | 34.67 2.96 0.00 | 35.53 2.91 0.00 | 35.05 2.73 0.00 | 45.09 2.99 0.00 | 39.39 2.34 0.00 | 36.56 2.24 0.00 | 32.69 1.84 0.00 | 30.25 1.72 0.00 | 27.84 1.54 0.00 |
| N.E._GEN_SANDY PD 24062 | 31.92 1.16 0.00 | 31.36 1.25 0.00 | 27.42 0.94 0.20 | 24.94 0.95 -0.07 | 24.46 0.89 0.11 | 24.01 0.87 0.00 | 23.29 0.85 0.00 | 23.59 0.90 0.00 | 24.65 0.97 0.00 | 26.51 0.92 0.00 | 29.97 1.01 -0.44 | 29.06 1.05 0.00 | 31.78 1.22 0.11 | 32.04 1.21 0.00 | 33.04 1.28 0.00 | 32.86 1.15 0.00 | 33.75 1.12 0.00 | 33.35 1.03 0.00 | 43.40 1.31 0.00 | 38.21 1.16 0.00 | 35.61 1.08 -0.21 | 31.76 0.80 -0.11 | 29.24 0.71 0.00 | 27.23 0.61 -0.32 |

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| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 32.46 1.70 0.00 | 31.71 1.59 0.00 | 27.98 1.29 0.00 | 25.04 1.12 0.00 | 24.72 1.05 0.00 | 24.15 1.01 0.00 | 23.49 1.05 0.00 | 23.82 1.13 0.00 | 24.96 1.28 0.00 | 27.03 1.44 0.00 | 28.56 1.69 1.66 | 29.89 1.88 0.00 | 32.84 2.16 -0.01 | 33.06 2.23 0.00 | 34.08 2.32 0.00 | 33.96 2.24 0.00 | 34.76 2.14 0.00 | 34.30 1.98 0.00 | 44.49 2.39 0.00 | 38.97 1.92 0.00 | 36.10 1.78 0.00 | 32.33 1.47 0.00 | 29.86 1.33 0.00 | 27.42 1.13 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 32.90 2.14 0.00 | 32.14 2.02 0.00 | 28.31 1.63 0.00 | 25.29 1.37 0.00 | 24.97 1.30 0.00 | 24.32 1.18 0.00 | 23.66 1.21 0.00 | 24.00 1.32 0.00 | 25.17 1.49 0.00 | 27.22 1.63 0.00 | 31.64 1.88 -1.23 | 30.11 2.09 0.00 | 33.15 2.47 -0.01 | 33.35 2.51 0.00 | 34.43 2.67 0.00 | 34.29 2.57 0.00 | 35.03 2.41 0.00 | 34.45 2.12 0.00 | 44.54 2.44 0.00 | 39.02 1.96 0.00 | 36.22 1.90 0.00 | 32.48 1.63 0.00 | 30.03 1.50 0.00 | 27.64 1.35 0.00 |
| N.TROY___115KV_TB1 355778 | 31.84 1.08 0.00 | 31.32 1.20 0.00 | 27.59 0.91 0.00 | 24.85 0.93 0.00 | 24.56 0.88 0.00 | 23.99 0.86 0.00 | 23.26 0.82 0.00 | 23.53 0.85 0.00 | 24.58 0.90 0.00 | 26.43 0.84 0.00 | 29.71 0.90 -0.29 | 28.93 0.91 0.00 | 31.71 1.07 0.02 | 31.88 1.04 0.00 | 32.86 1.10 0.00 | 32.69 0.97 0.00 | 33.61 0.99 0.00 | 33.29 0.97 0.00 | 43.39 1.29 0.00 | 38.24 1.19 0.00 | 35.43 1.11 0.00 | 31.67 0.82 0.00 | 29.26 0.73 0.00 | 26.95 0.66 0.00 |
| NARROWS_GT1_1 24228 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT1_2 24229 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT1_3 24230 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT1_4 24231 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT1_5 24232 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT1_6 24233 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT1_7 24234 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT1_8 24235 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT2_1 24236 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT2_2 24237 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT2_3 24238 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT2_4 24239 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| NARROWS_GT2_5 24240 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT2_6 24241 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT2_7 24242 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NARROWS_GT2_8 24243 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.64 0.00 | 25.33 1.41 0.00 | 25.02 1.34 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.69 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 32.17 1.41 0.00 | 31.56 1.44 0.00 | 27.78 1.09 0.00 | 25.02 1.10 0.00 | 24.74 1.07 0.00 | 24.18 1.04 0.00 | 23.45 1.00 0.00 | 23.69 1.01 0.00 | 24.74 1.06 0.00 | 26.48 0.89 0.00 | 29.78 1.04 -0.21 | 29.04 1.03 0.00 | 31.82 1.16 0.01 | 31.96 1.13 0.00 | 33.03 1.26 0.00 | 32.90 1.19 0.00 | 33.87 1.25 0.00 | 33.69 1.37 0.00 | 44.05 1.95 0.00 | 38.95 1.90 0.00 | 36.09 1.77 0.00 | 32.27 1.42 0.00 | 29.69 1.16 0.00 | 27.24 0.94 0.00 |
| NCHELSEA_115KV_TR2 355582 | 32.74 1.99 0.00 | 31.99 1.87 0.00 | 28.15 1.46 0.00 | 25.22 1.30 0.00 | 24.92 1.25 0.00 | 24.33 1.20 0.00 | 23.67 1.23 0.00 | 23.99 1.31 0.00 | 25.14 1.46 0.00 | 27.18 1.59 0.00 | 30.37 1.85 0.00 | 30.02 2.01 0.00 | 32.99 2.31 -0.01 | 33.21 2.38 0.00 | 34.26 2.49 0.00 | 34.17 2.46 0.00 | 35.04 2.42 0.00 | 34.62 2.29 0.00 | 44.95 2.85 0.00 | 39.41 2.35 0.00 | 36.48 2.15 0.00 | 32.64 1.79 0.00 | 30.13 1.59 0.00 | 27.64 1.34 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 32.31 1.56 0.00 | 31.71 1.60 0.00 | 27.92 1.24 0.00 | 25.11 1.19 0.00 | 24.82 1.15 0.00 | 24.25 1.11 0.00 | 23.52 1.08 0.00 | 23.81 1.12 0.00 | 24.88 1.20 0.00 | 26.80 1.21 0.00 | 30.15 1.34 -0.28 | 29.38 1.36 0.00 | 32.24 1.59 0.02 | 32.40 1.57 0.00 | 33.40 1.64 0.00 | 33.26 1.55 0.00 | 34.22 1.60 0.00 | 33.96 1.63 0.00 | 44.31 2.21 0.00 | 39.03 1.97 0.00 | 36.14 1.82 0.00 | 32.30 1.44 0.00 | 29.79 1.26 0.00 | 27.39 1.10 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 30.30 -0.46 0.00 | 29.65 -0.46 0.00 | 26.31 -0.37 0.00 | 23.56 -0.36 0.00 | 23.35 -0.32 0.00 | 22.90 -0.24 0.00 | 22.16 -0.28 0.00 | 22.35 -0.34 0.00 | 23.51 -0.18 0.00 | 25.60 0.01 0.00 | 28.84 0.31 0.00 | 28.54 0.52 0.00 | 31.36 0.69 0.00 | 31.45 0.62 0.00 | 32.30 0.54 0.00 | 32.20 0.49 0.00 | 33.07 0.44 0.00 | 32.83 0.51 0.00 | 42.73 0.63 0.00 | 37.66 0.60 0.00 | 34.78 0.46 0.00 | 31.53 0.68 0.00 | 29.24 0.71 0.00 | 26.99 0.69 0.00 |
| NEG CENTRAL___DRP 24199 | 30.87 0.11 0.00 | 30.21 0.10 0.00 | 26.85 0.16 0.00 | 24.03 0.10 0.00 | 23.81 0.14 0.00 | 23.29 0.16 0.00 | 22.61 0.16 0.00 | 22.83 0.14 0.00 | 23.91 0.23 0.00 | 25.89 0.30 0.00 | 28.93 0.41 0.00 | 28.52 0.50 0.00 | 31.25 0.58 0.00 | 31.40 0.56 0.00 | 32.31 0.54 0.00 | 32.29 0.58 0.00 | 33.16 0.53 0.00 | 32.94 0.62 0.00 | 42.94 0.84 0.00 | 37.89 0.83 0.00 | 35.10 0.78 0.00 | 31.67 0.81 0.00 | 29.26 0.72 0.00 | 27.00 0.71 0.00 |
| NEG CENTRAL___INDECK 23768 | 31.70 0.94 0.00 | 31.12 1.01 0.00 | 27.64 0.95 0.00 | 24.74 0.82 0.00 | 24.51 0.84 0.00 | 24.03 0.90 0.00 | 23.22 0.78 0.00 | 23.29 0.60 0.00 | 24.20 0.52 0.00 | 26.29 0.70 0.00 | 29.55 1.02 0.00 | 29.09 1.07 0.00 | 32.01 1.34 0.00 | 32.15 1.32 0.00 | 32.92 1.16 0.00 | 32.84 1.12 0.00 | 33.68 1.06 0.00 | 33.53 1.20 0.00 | 43.65 1.55 0.00 | 38.76 1.71 0.00 | 36.28 1.95 0.00 | 33.11 2.25 0.00 | 30.70 2.17 0.00 | 28.26 1.97 0.00 |
| NEG CENTRAL___SENECA 23627 | 30.95 0.20 0.00 | 30.33 0.21 0.00 | 26.98 0.29 0.00 | 24.14 0.22 0.00 | 23.92 0.25 0.00 | 23.42 0.28 0.00 | 22.71 0.27 0.00 | 22.93 0.25 0.00 | 24.04 0.36 0.00 | 26.07 0.48 0.00 | 29.11 0.59 0.00 | 28.73 0.71 0.00 | 31.48 0.81 0.00 | 31.64 0.81 0.00 | 32.55 0.79 0.00 | 32.55 0.83 0.00 | 33.38 0.76 0.00 | 33.19 0.86 0.00 | 43.31 1.21 0.00 | 38.21 1.16 0.00 | 35.40 1.08 0.00 | 31.96 1.11 0.00 | 29.55 1.02 0.00 | 27.26 0.96 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 31.18 0.42 0.00 | 30.39 0.27 0.00 | 26.99 0.31 0.00 | 24.12 0.20 0.00 | 23.94 0.27 0.00 | 23.37 0.24 0.00 | 22.73 0.28 0.00 | 22.97 0.28 0.00 | 24.06 0.38 0.00 | 25.93 0.34 0.00 | 29.04 0.51 0.00 | 28.58 0.56 0.00 | 31.30 0.64 0.00 | 31.38 0.54 0.00 | 32.27 0.51 0.00 | 32.31 0.60 0.00 | 33.23 0.60 0.00 | 33.06 0.73 0.00 | 42.90 0.80 0.00 | 37.92 0.86 0.00 | 35.13 0.81 0.00 | 31.69 0.84 0.00 | 29.16 0.62 0.00 | 26.98 0.69 0.00 |
| NEG MILLWOOD___DRP 24198 | 32.88 2.12 0.00 | 32.11 1.99 0.00 | 28.25 1.56 0.00 | 25.29 1.37 0.00 | 24.98 1.31 0.00 | 24.40 1.26 0.00 | 23.74 1.30 0.00 | 24.07 1.39 0.00 | 25.25 1.57 0.00 | 27.31 1.72 0.00 | 30.99 2.01 -0.46 | 30.20 2.19 0.00 | 33.19 2.52 -0.01 | 33.41 2.58 0.00 | 34.48 2.71 0.00 | 34.39 2.67 0.00 | 35.24 2.62 0.00 | 34.79 2.46 0.00 | 45.13 3.03 0.00 | 39.55 2.50 0.00 | 36.62 2.29 0.00 | 32.77 1.91 0.00 | 30.23 1.70 0.00 | 27.74 1.44 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 31.32 0.56 0.00 | 30.32 0.20 0.00 | 26.46 -0.22 0.00 | 23.60 -0.33 0.00 | 23.33 -0.35 0.00 | 22.82 -0.32 0.00 | 22.13 -0.31 0.00 | 22.34 -0.34 0.00 | 23.34 -0.33 0.00 | 25.31 -0.28 0.00 | 28.31 -0.22 0.00 | 27.43 -0.58 0.00 | 30.02 -0.65 0.00 | 30.00 -0.83 0.00 | 30.93 -0.83 0.00 | 31.51 -0.21 0.00 | 33.18 0.55 0.00 | 33.01 0.69 0.00 | 43.01 0.92 0.00 | 37.89 0.84 0.00 | 35.23 0.91 0.00 | 31.55 0.70 0.00 | 29.21 0.68 0.00 | 26.78 0.48 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 30.85 0.09 0.00 | 29.88 -0.23 0.00 | 26.19 -0.49 0.00 | 23.32 -0.60 0.00 | 23.05 -0.62 0.00 | 22.56 -0.58 0.00 | 21.86 -0.59 0.00 | 22.06 -0.62 0.00 | 23.05 -0.63 0.00 | 25.04 -0.56 0.00 | 27.95 -0.57 0.00 | 27.11 -0.91 0.00 | 29.67 -1.00 0.00 | 29.66 -1.18 0.00 | 30.62 -1.14 0.00 | 31.18 -0.53 0.00 | 32.72 0.09 0.00 | 32.54 0.22 0.00 | 42.40 0.31 0.00 | 37.41 0.36 0.00 | 34.74 0.42 0.00 | 31.17 0.31 0.00 | 28.85 0.32 0.00 | 26.46 0.16 0.00 |

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| NEG NORTH___ALICE_FALLS 23915 | 31.30 0.54 0.00 | 30.31 0.19 0.00 | 26.47 -0.22 0.00 | 23.59 -0.33 0.00 | 23.33 -0.35 0.00 | 22.82 -0.31 0.00 | 22.13 -0.31 0.00 | 22.36 -0.32 0.00 | 23.37 -0.31 0.00 | 25.35 -0.24 0.00 | 28.34 -0.18 0.00 | 27.46 -0.56 0.00 | 30.04 -0.63 0.00 | 30.00 -0.84 0.00 | 30.96 -0.80 0.00 | 31.57 -0.14 0.00 | 33.22 0.59 0.00 | 33.05 0.73 0.00 | 43.06 0.96 0.00 | 37.97 0.91 0.00 | 35.30 0.98 0.00 | 31.65 0.80 0.00 | 29.28 0.75 0.00 | 26.82 0.52 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 31.30 0.54 0.00 | 30.31 0.19 0.00 | 26.47 -0.22 0.00 | 23.59 -0.33 0.00 | 23.33 -0.35 0.00 | 22.82 -0.31 0.00 | 22.13 -0.31 0.00 | 22.36 -0.32 0.00 | 23.37 -0.31 0.00 | 25.35 -0.24 0.00 | 28.34 -0.18 0.00 | 27.46 -0.56 0.00 | 30.04 -0.63 0.00 | 30.00 -0.84 0.00 | 30.96 -0.80 0.00 | 31.57 -0.14 0.00 | 33.22 0.59 0.00 | 33.05 0.73 0.00 | 43.06 0.96 0.00 | 37.97 0.91 0.00 | 35.30 0.98 0.00 | 31.65 0.80 0.00 | 29.28 0.75 0.00 | 26.82 0.52 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 31.30 0.54 0.00 | 30.31 0.19 0.00 | 26.47 -0.22 0.00 | 23.59 -0.33 0.00 | 23.33 -0.35 0.00 | 22.82 -0.31 0.00 | 22.14 -0.31 0.00 | 22.36 -0.32 0.00 | 23.37 -0.31 0.00 | 25.35 -0.24 0.00 | 28.34 -0.18 0.00 | 27.46 -0.55 0.00 | 30.04 -0.63 0.00 | 30.00 -0.84 0.00 | 30.96 -0.80 0.00 | 31.57 -0.14 0.00 | 33.22 0.59 0.00 | 33.05 0.73 0.00 | 43.06 0.96 0.00 | 37.97 0.91 0.00 | 35.30 0.98 0.00 | 31.65 0.80 0.00 | 29.28 0.75 0.00 | 26.82 0.52 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 30.42 -0.34 0.00 | 29.90 -0.22 0.00 | 26.60 -0.08 0.00 | 23.82 -0.10 0.00 | 23.65 -0.02 0.00 | 23.26 0.12 0.00 | 22.42 -0.03 0.00 | 22.49 -0.19 0.00 | 23.54 -0.14 0.00 | 25.59 0.00 0.00 | 28.92 0.40 0.00 | 28.45 0.43 0.00 | 31.24 0.57 0.00 | 31.23 0.40 0.00 | 31.95 0.19 0.00 | 31.76 0.05 0.00 | 32.47 -0.15 0.00 | 32.21 -0.11 0.00 | 41.72 -0.38 0.00 | 36.84 -0.21 0.00 | 34.08 -0.25 0.00 | 31.28 0.42 0.00 | 29.26 0.73 0.00 | 27.10 0.81 0.00 |
| NEG WEST___LANCASTR 23811 | 30.67 -0.09 0.00 | 30.15 0.04 0.00 | 26.79 0.11 0.00 | 23.99 0.06 0.00 | 23.81 0.14 0.00 | 23.39 0.25 0.00 | 22.61 0.17 0.00 | 22.75 0.07 0.00 | 23.80 0.12 0.00 | 25.91 0.32 0.00 | 29.19 0.66 0.00 | 28.72 0.70 0.00 | 31.55 0.88 0.00 | 31.61 0.78 0.00 | 32.36 0.59 0.00 | 32.19 0.48 0.00 | 32.92 0.30 0.00 | 32.65 0.33 0.00 | 42.36 0.27 0.00 | 37.31 0.26 0.00 | 34.50 0.18 0.00 | 31.51 0.66 0.00 | 29.40 0.87 0.00 | 27.15 0.86 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 31.01 0.26 0.00 | 30.40 0.29 0.00 | 26.91 0.23 0.00 | 24.12 0.20 0.00 | 23.91 0.24 0.00 | 23.39 0.25 0.00 | 22.71 0.26 0.00 | 22.93 0.24 0.00 | 24.01 0.33 0.00 | 26.04 0.44 0.00 | 29.08 0.55 0.00 | 28.59 0.57 0.00 | 31.37 0.70 0.00 | 31.56 0.72 0.00 | 32.45 0.69 0.00 | 32.35 0.64 0.00 | 33.21 0.59 0.00 | 32.94 0.62 0.00 | 42.94 0.84 0.00 | 37.72 0.67 0.00 | 34.96 0.64 0.00 | 31.48 0.63 0.00 | 29.12 0.60 0.00 | 26.81 0.51 0.00 |
| NEG___GEN_MONROE 24207 | 31.06 0.31 0.00 | 30.40 0.28 0.00 | 27.02 0.33 0.00 | 24.18 0.26 0.00 | 23.97 0.30 0.00 | 23.55 0.41 0.00 | 22.79 0.35 0.00 | 22.91 0.23 0.00 | 23.94 0.26 0.00 | 26.02 0.43 0.00 | 29.34 0.81 0.00 | 28.95 0.93 0.00 | 31.84 1.18 0.00 | 31.93 1.10 0.00 | 32.74 0.97 0.00 | 32.57 0.86 0.00 | 33.42 0.79 0.00 | 33.21 0.89 0.00 | 43.20 1.10 0.00 | 38.13 1.08 0.00 | 35.24 0.92 0.00 | 32.08 1.23 0.00 | 29.82 1.29 0.00 | 27.54 1.25 0.00 |
| NEPA___ENERGY 23901 | 30.59 -0.17 0.00 | 30.08 -0.03 0.00 | 26.74 0.05 0.00 | 23.95 0.03 0.00 | 23.78 0.11 0.00 | 23.34 0.20 0.00 | 22.63 0.19 0.00 | 22.79 0.11 0.00 | 23.93 0.26 0.00 | 26.08 0.49 0.00 | 29.28 0.76 0.00 | 28.86 0.84 0.00 | 31.76 1.09 0.00 | 31.87 1.04 0.00 | 32.64 0.88 0.00 | 32.51 0.79 0.00 | 33.21 0.59 0.00 | 32.91 0.59 0.00 | 42.81 0.71 0.00 | 37.61 0.56 0.00 | 34.84 0.51 0.00 | 31.65 0.79 0.00 | 29.46 0.92 0.00 | 27.15 0.86 0.00 |
| NEVERSINK___HYD 23608 | 32.43 1.68 0.00 | 31.67 1.55 0.00 | 27.88 1.20 0.00 | 24.95 1.03 0.00 | 24.66 0.99 0.00 | 24.08 0.94 0.00 | 23.42 0.98 0.00 | 23.75 1.06 0.00 | 24.86 1.18 0.00 | 26.74 1.15 0.00 | 28.86 0.52 0.18 | 28.74 0.72 0.00 | 31.54 0.87 -0.01 | 31.82 0.98 0.00 | 32.81 1.05 0.00 | 32.75 1.04 0.00 | 33.60 0.98 0.00 | 33.33 1.00 0.00 | 43.34 1.25 0.00 | 38.04 0.99 0.00 | 35.18 0.85 0.00 | 31.59 0.73 0.00 | 29.97 1.44 0.00 | 27.49 1.19 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 31.40 0.64 0.00 | 30.82 0.71 0.00 | 27.18 0.49 0.00 | 24.46 0.54 0.00 | 24.18 0.51 0.00 | 23.63 0.49 0.00 | 22.92 0.48 0.00 | 23.18 0.50 0.00 | 24.23 0.55 0.00 | 26.09 0.50 0.00 | 29.36 0.55 -0.28 | 28.61 0.60 0.00 | 31.39 0.73 0.01 | 31.57 0.74 0.00 | 32.56 0.80 0.00 | 32.41 0.70 0.00 | 33.34 0.71 0.00 | 33.00 0.68 0.00 | 42.96 0.87 0.00 | 37.80 0.74 0.00 | 34.98 0.66 0.00 | 31.30 0.45 0.00 | 28.90 0.36 0.00 | 26.58 0.28 0.00 |
| NEWTON___FALLS_HYD 23847 | 30.60 -0.15 0.00 | 29.85 -0.27 0.00 | 26.36 -0.33 0.00 | 23.55 -0.38 0.00 | 23.21 -0.46 0.00 | 22.61 -0.53 0.00 | 21.88 -0.56 0.00 | 22.10 -0.58 0.00 | 23.09 -0.59 0.00 | 24.85 -0.74 0.00 | 27.49 -1.03 0.00 | 26.82 -1.20 0.00 | 29.34 -1.33 0.00 | 29.66 -1.18 0.00 | 30.68 -1.09 0.00 | 30.78 -0.93 0.00 | 31.87 -0.75 0.00 | 31.81 -0.51 0.00 | 41.86 -0.23 0.00 | 37.12 0.06 0.00 | 34.42 0.10 0.00 | 30.83 -0.02 0.00 | 28.40 -0.13 0.00 | 26.13 -0.17 0.00 |
| NGRID_A1_DSASP 323792 | 29.97 -0.78 0.00 | 29.48 -0.63 0.00 | 26.25 -0.44 0.00 | 23.63 -0.29 0.00 | 23.48 -0.20 0.00 | 23.08 -0.06 0.00 | 22.25 -0.19 0.00 | 22.24 -0.45 0.00 | 23.24 -0.45 0.00 | 25.24 -0.36 0.00 | 28.53 0.01 0.00 | 28.06 0.05 0.00 | 30.79 0.12 0.00 | 30.75 -0.08 0.00 | 31.44 -0.32 0.00 | 31.26 -0.45 0.00 | 31.93 -0.69 0.00 | 31.64 -0.68 0.00 | 40.89 -1.21 0.00 | 35.94 -1.12 0.00 | 33.27 -1.05 0.00 | 30.59 -0.26 0.00 | 28.77 0.23 0.00 | 26.72 0.42 0.00 |
| NGRID_A2_DSASP 323793 | 29.97 -0.78 0.00 | 29.48 -0.63 0.00 | 26.25 -0.44 0.00 | 23.63 -0.29 0.00 | 23.48 -0.20 0.00 | 23.08 -0.06 0.00 | 22.25 -0.19 0.00 | 22.24 -0.45 0.00 | 23.24 -0.45 0.00 | 25.24 -0.36 0.00 | 28.53 0.01 0.00 | 28.06 0.05 0.00 | 30.79 0.12 0.00 | 30.75 -0.08 0.00 | 31.44 -0.32 0.00 | 31.26 -0.45 0.00 | 31.93 -0.69 0.00 | 31.64 -0.68 0.00 | 40.89 -1.21 0.00 | 35.94 -1.12 0.00 | 33.27 -1.05 0.00 | 30.59 -0.26 0.00 | 28.77 0.23 0.00 | 26.72 0.42 0.00 |
| NGRID_A4_DSASP 323807 | 29.97 -0.78 0.00 | 29.48 -0.63 0.00 | 26.24 -0.44 0.00 | 23.63 -0.29 0.00 | 23.48 -0.20 0.00 | 23.08 -0.06 0.00 | 22.25 -0.19 0.00 | 22.24 -0.45 0.00 | 23.22 -0.46 0.00 | 25.24 -0.36 0.00 | 28.54 0.02 0.00 | 28.06 0.05 0.00 | 30.79 0.12 0.00 | 30.74 -0.09 0.00 | 31.44 -0.33 0.00 | 31.26 -0.45 0.00 | 31.93 -0.69 0.00 | 31.64 -0.68 0.00 | 40.89 -1.21 0.00 | 35.94 -1.12 0.00 | 33.27 -1.05 0.00 | 30.59 -0.26 0.00 | 28.78 0.25 0.00 | 26.72 0.42 0.00 |
| NIAGARA_115E_LBMP 323715 | 29.92 -0.84 0.00 | 29.41 -0.71 0.00 | 26.18 -0.50 0.00 | 23.45 -0.47 0.00 | 23.29 -0.39 0.00 | 22.90 -0.24 0.00 | 22.06 -0.38 0.00 | 22.13 -0.56 0.00 | 23.16 -0.52 0.00 | 25.16 -0.43 0.00 | 28.43 -0.10 0.00 | 27.97 -0.05 0.00 | 30.67 0.01 0.00 | 30.65 -0.18 0.00 | 31.35 -0.41 0.00 | 31.18 -0.53 0.00 | 31.84 -0.78 0.00 | 31.58 -0.75 0.00 | 40.86 -1.24 0.00 | 36.09 -0.96 0.00 | 33.42 -0.90 0.00 | 30.71 -0.14 0.00 | 28.75 0.22 0.00 | 26.66 0.37 0.00 |

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| NIAGARA_115W_LBMP 323714 | 29.91 -0.85 0.00 | 29.42 -0.69 0.00 | 26.19 -0.49 0.00 | 23.59 -0.33 0.00 | 23.45 -0.23 0.00 | 23.04 -0.10 0.00 | 22.22 -0.23 0.00 | 22.19 -0.49 0.00 | 23.19 -0.49 0.00 | 25.18 -0.41 0.00 | 28.47 -0.06 0.00 | 28.00 -0.01 0.00 | 30.72 0.05 0.00 | 30.69 -0.15 0.00 | 31.37 -0.39 0.00 | 31.18 -0.53 0.00 | 31.85 -0.77 0.00 | 31.56 -0.76 0.00 | 40.77 -1.33 0.00 | 35.83 -1.22 0.00 | 33.18 -1.14 0.00 | 30.51 -0.35 0.00 | 28.69 0.16 0.00 | 26.67 0.37 0.00 |
| NIAGARA_230_LBMP 323716 | 30.11 -0.65 0.00 | 29.61 -0.51 0.00 | 26.35 -0.34 0.00 | 23.62 -0.31 0.00 | 23.45 -0.22 0.00 | 23.06 -0.08 0.00 | 22.24 -0.21 0.00 | 22.30 -0.38 0.00 | 23.35 -0.34 0.00 | 25.36 -0.23 0.00 | 28.65 0.12 0.00 | 28.18 0.17 0.00 | 30.93 0.26 0.00 | 30.91 0.08 0.00 | 31.60 -0.16 0.00 | 31.40 -0.31 0.00 | 32.08 -0.54 0.00 | 31.82 -0.50 0.00 | 41.19 -0.91 0.00 | 36.32 -0.74 0.00 | 33.60 -0.73 0.00 | 30.86 0.01 0.00 | 28.91 0.38 0.00 | 26.80 0.50 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 29.92 -0.84 0.00 | 29.42 -0.69 0.00 | 26.19 -0.49 0.00 | 23.59 -0.33 0.00 | 23.45 -0.23 0.00 | 23.04 -0.10 0.00 | 22.22 -0.23 0.00 | 22.19 -0.49 0.00 | 23.17 -0.51 0.00 | 25.18 -0.41 0.00 | 28.48 -0.05 0.00 | 28.00 -0.01 0.00 | 30.72 0.05 0.00 | 30.68 -0.15 0.00 | 31.37 -0.39 0.00 | 31.18 -0.53 0.00 | 31.85 -0.77 0.00 | 31.57 -0.76 0.00 | 40.77 -1.33 0.00 | 35.83 -1.22 0.00 | 33.18 -1.14 0.00 | 30.50 -0.35 0.00 | 28.70 0.17 0.00 | 26.67 0.37 0.00 |
| NIAGARA____ 23760 | 29.94 -0.82 0.00 | 29.43 -0.68 0.00 | 26.20 -0.48 0.00 | 23.51 -0.40 0.00 | 23.35 -0.32 0.00 | 22.96 -0.18 0.00 | 22.14 -0.31 0.00 | 22.21 -0.47 0.00 | 23.26 -0.42 0.00 | 25.26 -0.33 0.00 | 28.54 0.02 0.00 | 28.08 0.06 0.00 | 30.81 0.14 0.00 | 30.79 -0.04 0.00 | 31.49 -0.27 0.00 | 31.29 -0.42 0.00 | 31.97 -0.65 0.00 | 31.69 -0.63 0.00 | 41.01 -1.09 0.00 | 36.14 -0.92 0.00 | 33.45 -0.88 0.00 | 30.73 -0.13 0.00 | 28.79 0.26 0.00 | 26.69 0.39 0.00 |
| NINE_MILE_1 23575 | 29.93 -0.83 0.00 | 29.31 -0.80 0.00 | 25.96 -0.73 0.00 | 23.26 -0.66 0.00 | 23.03 -0.64 0.00 | 22.52 -0.62 0.00 | 21.84 -0.60 0.00 | 22.07 -0.62 0.00 | 23.07 -0.61 0.00 | 24.96 -0.63 0.00 | 27.88 -0.64 0.00 | 27.38 -0.64 0.00 | 29.90 -0.77 0.00 | 30.06 -0.78 0.00 | 30.94 -0.82 0.00 | 30.87 -0.85 0.00 | 31.73 -0.89 0.00 | 31.47 -0.85 0.00 | 41.00 -1.10 0.00 | 36.10 -0.96 0.00 | 33.43 -0.89 0.00 | 30.11 -0.74 0.00 | 27.88 -0.66 0.00 | 25.78 -0.52 0.00 |
| NINE_MILE_2 23744 | 29.93 -0.82 0.00 | 29.31 -0.80 0.00 | 25.96 -0.72 0.00 | 23.27 -0.66 0.00 | 23.04 -0.64 0.00 | 22.52 -0.62 0.00 | 21.84 -0.60 0.00 | 22.07 -0.62 0.00 | 23.07 -0.61 0.00 | 24.97 -0.63 0.00 | 27.88 -0.64 0.00 | 27.38 -0.64 0.00 | 29.90 -0.77 0.00 | 30.06 0.00 | 30.94 -0.82 0.00 | 30.87 -0.85 0.00 | 31.73 -0.89 0.00 | 31.47 -0.85 0.00 | 41.00 -1.10 0.00 | 36.10 -0.96 0.00 | 33.43 -0.89 0.00 | 30.11 -0.74 0.00 | 27.88 -0.66 0.00 | 25.78 -0.52 0.00 |
| NM_CAPITAL____DRP 24208 | 31.45 0.69 0.00 | 30.88 0.77 0.00 | 27.23 0.54 0.00 | 24.53 0.61 0.00 | 24.24 0.57 0.00 | 23.69 0.55 0.00 | 22.97 0.53 0.00 | 23.23 0.55 0.00 | 24.27 0.59 0.00 | 26.11 0.52 0.00 | 29.39 0.58 -0.29 | 28.64 0.62 0.00 | 31.41 0.75 0.02 | 31.59 0.75 0.00 | 32.57 0.81 0.00 | 32.41 0.70 0.00 | 33.33 0.71 0.00 | 32.99 0.67 0.00 | 42.95 0.85 0.00 | 37.80 0.74 0.00 | 34.99 0.67 0.00 | 31.31 0.46 0.00 | 28.90 0.37 0.00 | 26.60 0.30 0.00 |
| NM_CENTRAL____DRP 24181 | 30.57 -0.19 0.00 | 29.94 -0.18 0.00 | 26.50 -0.19 0.00 | 23.75 -0.17 0.00 | 23.51 -0.16 0.00 | 23.00 -0.14 0.00 | 22.30 -0.15 0.00 | 22.53 -0.15 0.00 | 23.57 -0.11 0.00 | 25.53 -0.06 0.00 | 28.54 0.02 0.00 | 28.06 0.05 0.00 | 30.69 0.02 0.00 | 30.86 0.03 0.00 | 31.75 -0.01 0.00 | 31.64 -0.07 0.00 | 32.51 -0.11 0.00 | 32.24 -0.08 0.00 | 42.03 -0.07 0.00 | 37.00 -0.06 0.00 | 34.27 -0.05 0.00 | 30.90 0.04 0.00 | 28.58 0.05 0.00 | 26.39 0.09 0.00 |
| NM_FRONTIER____DRP 24179 | 29.92 -0.84 0.00 | 29.42 -0.69 0.00 | 26.19 -0.49 0.00 | 23.59 -0.33 0.00 | 23.45 -0.23 0.00 | 23.04 -0.10 0.00 | 22.22 -0.23 0.00 | 22.19 -0.49 0.00 | 23.17 -0.51 0.00 | 25.18 -0.41 0.00 | 28.48 -0.05 0.00 | 28.00 -0.01 0.00 | 30.72 0.05 0.00 | 30.68 -0.15 0.00 | 31.37 -0.39 0.00 | 31.18 -0.53 0.00 | 31.85 -0.77 0.00 | 31.57 -0.76 0.00 | 40.77 -1.33 0.00 | 35.83 -1.22 0.00 | 33.18 -1.14 0.00 | 30.50 -0.35 0.00 | 28.70 0.17 0.00 | 26.67 0.37 0.00 |
| NM_ST_REGIS____HYD 24053 | 30.27 -0.48 0.00 | 29.49 -0.62 0.00 | 26.09 -0.59 0.00 | 23.30 -0.62 0.00 | 23.04 -0.63 0.00 | 22.51 -0.63 0.00 | 21.80 -0.64 0.00 | 22.04 -0.64 0.00 | 22.98 -0.71 0.00 | 24.86 -0.74 0.00 | 27.58 -0.94 0.00 | 26.86 -1.16 0.00 | 29.39 -1.28 0.00 | 29.53 -1.31 0.00 | 30.46 -1.30 0.00 | 30.72 -0.99 0.00 | 31.95 -0.68 0.00 | 31.73 -0.59 0.00 | 41.48 -0.62 0.00 | 36.64 -0.42 0.00 | 34.02 -0.30 0.00 | 30.60 -0.25 0.00 | 28.26 -0.27 0.00 | 25.92 -0.37 0.00 |
| NORTHPORT____1 23551 | 33.12 2.36 0.00 | 32.52 2.40 0.00 | 28.54 1.85 0.00 | 25.32 1.40 0.00 | 24.98 1.30 0.00 | 24.33 1.19 0.00 | 23.89 1.44 0.00 | 24.19 1.51 0.00 | 25.47 1.79 0.00 | 27.58 1.96 -0.02 | 32.07 2.30 -1.25 | 30.35 2.33 0.00 | 33.04 2.36 -0.01 | 33.22 2.39 0.00 | 34.20 2.44 0.00 | 34.08 2.37 0.01 | 34.29 2.27 0.61 | 34.09 2.20 0.43 | 42.62 2.06 1.55 | 38.52 1.47 0.00 | 35.78 1.46 0.00 | 32.01 1.16 0.00 | 29.81 1.28 0.00 | 27.55 1.25 0.00 |
| NORTHPORT____2 23552 | 33.12 2.36 0.00 | 32.52 2.40 0.00 | 28.54 1.85 0.00 | 25.32 1.40 0.00 | 24.98 1.30 0.00 | 24.33 1.19 0.00 | 23.89 1.44 0.00 | 24.19 1.51 0.00 | 25.47 1.79 0.00 | 27.58 1.96 -0.02 | 32.07 2.30 -1.25 | 30.35 2.33 0.00 | 33.04 2.36 -0.01 | 33.22 2.39 0.00 | 34.20 2.44 0.00 | 34.08 2.37 0.01 | 34.29 2.27 0.61 | 34.09 2.20 0.43 | 42.62 2.06 1.55 | 38.52 1.47 0.00 | 35.78 1.46 0.00 | 32.01 1.16 0.00 | 29.81 1.28 0.00 | 27.55 1.25 0.00 |
| NORTHPORT____3 23553 | 33.15 2.39 0.00 | 32.51 2.39 0.00 | 28.53 1.84 0.00 | 25.35 1.43 0.00 | 24.99 1.31 0.00 | 24.36 1.23 0.00 | 23.89 1.44 0.00 | 24.22 1.53 0.00 | 25.48 1.80 0.00 | 27.60 1.99 -0.02 | 32.07 2.30 -1.25 | 30.39 2.37 0.00 | 33.15 2.47 -0.01 | 33.31 2.48 0.00 | 34.32 2.56 0.00 | 34.21 2.51 0.01 | 34.63 2.38 0.38 | 34.47 2.13 -0.02 | 43.27 1.90 0.72 | 38.55 1.50 0.00 | 35.81 1.49 0.00 | 32.04 1.19 0.00 | 29.78 1.25 0.00 | 27.52 1.23 0.00 |
| NORTHPORT____4 23650 | 33.15 2.39 0.00 | 32.51 2.39 0.00 | 28.53 1.84 0.00 | 25.35 1.43 0.00 | 24.99 1.31 0.00 | 24.36 1.23 0.00 | 23.89 1.44 0.00 | 24.22 1.53 0.00 | 25.48 1.80 0.00 | 27.60 1.99 -0.02 | 32.07 2.30 -1.25 | 30.39 2.37 0.00 | 33.15 2.47 -0.01 | 33.31 2.48 0.00 | 34.32 2.56 0.00 | 34.21 2.51 0.01 | 34.63 2.38 0.38 | 34.47 2.13 -0.02 | 43.27 1.90 0.72 | 38.55 1.50 0.00 | 35.81 1.49 0.00 | 32.04 1.19 0.00 | 29.78 1.25 0.00 | 27.52 1.23 0.00 |
| NORTHPORT____IC 23718 | 33.12 2.36 0.00 | 32.52 2.40 0.00 | 28.54 1.85 0.00 | 25.32 1.40 0.00 | 24.98 1.30 0.00 | 24.33 1.19 0.00 | 23.89 1.44 0.00 | 24.19 1.51 0.00 | 25.47 1.79 0.00 | 27.58 1.96 -0.02 | 32.07 2.30 -1.25 | 30.35 2.33 0.00 | 33.04 2.36 -0.01 | 33.22 2.39 0.00 | 34.20 2.44 0.00 | 34.08 2.37 0.01 | 34.29 2.27 0.61 | 34.09 2.20 0.43 | 42.62 2.06 1.55 | 38.52 1.47 0.00 | 35.78 1.46 0.00 | 32.01 1.16 0.00 | 29.81 1.28 0.00 | 27.55 1.25 0.00 |

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| NORTH__COUNTRY_ESR 323785 | 30.78 0.03 0.00 | 29.81 -0.31 0.00 | 26.14 -0.55 0.00 | 23.26 -0.66 0.00 | 23.00 -0.67 0.00 | 22.50 -0.64 0.00 | 21.79 -0.66 0.00 | 22.00 -0.68 0.00 | 22.98 -0.70 0.00 | 24.97 -0.62 0.00 | 27.88 -0.64 0.00 | 27.04 -0.98 0.00 | 29.59 -1.08 0.00 | 29.59 -1.25 0.00 | 30.55 -1.21 0.00 | 31.11 -0.60 0.00 | 32.66 0.03 0.00 | 32.48 0.16 0.00 | 42.32 0.23 0.00 | 37.33 0.27 0.00 | 34.65 0.33 0.00 | 31.08 0.23 0.00 | 28.78 0.25 0.00 | 26.40 0.10 0.00 |
| NPX_GEN_1385_PROXY 323591 | 32.46 1.70 0.00 | 32.35 2.23 0.00 | 28.53 1.85 0.00 | 25.18 1.26 0.00 | 24.84 1.16 0.00 | 24.19 1.06 0.00 | 23.75 1.31 0.00 | 24.06 1.37 0.00 | 25.32 1.65 0.00 | 27.43 1.81 -0.02 | 31.88 2.12 -1.25 | 29.86 1.85 0.00 | 32.43 1.75 -0.01 | 32.60 1.77 0.00 | 33.80 2.04 0.00 | 33.46 1.76 0.01 | 33.48 1.47 0.61 | 33.61 1.73 0.43 | 41.54 0.99 1.55 | 37.96 0.91 0.00 | 35.32 0.99 0.00 | 31.65 0.79 0.00 | 29.53 1.00 0.00 | 26.78 1.05 0.56 |
| NPX_GEN_CSC 323557 | 33.39 2.63 0.00 | 32.64 2.53 0.00 | 28.61 1.92 0.00 | 25.33 1.41 0.00 | 24.97 1.29 0.00 | 24.34 1.20 0.00 | 24.20 1.76 0.00 | 24.46 1.77 0.00 | 25.74 2.06 0.00 | 27.70 2.09 -0.02 | 32.15 2.38 -1.25 | 30.50 2.48 0.00 | 33.33 2.65 -0.01 | 33.61 2.77 0.00 | 34.74 2.98 0.00 | 34.86 3.01 -0.14 | 43.48 2.98 -7.87 | 37.05 2.88 -1.85 | 50.34 2.95 -5.30 | 39.30 2.24 0.00 | 36.52 2.20 0.00 | 32.56 1.71 0.00 | 30.14 1.61 0.00 | 27.23 1.50 0.56 |
| NSINS_S_GLNS_FALLS 23858 | 32.37 1.61 0.00 | 31.75 1.63 0.00 | 27.86 1.18 0.00 | 25.06 1.14 0.00 | 24.77 1.09 0.00 | 24.17 1.03 0.00 | 23.45 1.01 0.00 | 23.79 1.11 0.00 | 24.86 1.18 0.00 | 26.74 1.15 0.00 | 29.98 1.19 -0.27 | 29.18 1.16 0.00 | 32.05 1.40 0.02 | 32.17 1.34 0.00 | 33.14 1.38 0.00 | 33.01 1.30 0.00 | 34.02 1.40 0.00 | 33.84 1.51 0.00 | 44.26 2.17 0.00 | 39.01 1.95 0.00 | 36.20 1.88 0.00 | 32.30 1.44 0.00 | 29.78 1.25 0.00 | 27.37 1.08 0.00 |
| NUCOR_STEEL__DRP 24197 | 31.16 0.40 0.00 | 30.36 0.25 0.00 | 26.97 0.28 0.00 | 24.10 0.17 0.00 | 23.92 0.25 0.00 | 23.35 0.21 0.00 | 22.72 0.27 0.00 | 22.95 0.27 0.00 | 24.05 0.37 0.00 | 25.90 0.30 0.00 | 29.02 0.49 0.00 | 28.56 0.55 0.00 | 31.28 0.61 0.00 | 31.35 0.51 0.00 | 32.23 0.47 0.00 | 32.28 0.56 0.00 | 33.20 0.57 0.00 | 33.04 0.72 0.00 | 42.84 0.74 0.00 | 37.87 0.82 0.00 | 35.08 0.76 0.00 | 31.65 0.80 0.00 | 29.11 0.58 0.00 | 26.95 0.65 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 31.30 0.55 0.00 | 30.53 0.41 0.00 | 26.87 0.18 0.00 | 23.98 0.06 0.00 | 23.56 -0.12 0.00 | 22.90 -0.24 0.00 | 22.14 -0.30 0.00 | 22.36 -0.33 0.00 | 23.46 -0.22 0.00 | 25.17 -0.42 0.00 | 27.77 -0.76 0.00 | 27.09 -0.93 0.00 | 29.64 -1.03 0.00 | 30.10 -0.73 0.00 | 31.21 -0.55 0.00 | 31.24 -0.47 0.00 | 32.31 -0.32 0.00 | 32.38 0.06 0.00 | 42.83 0.73 0.00 | 38.05 0.99 0.00 | 35.24 0.91 0.00 | 31.42 0.57 0.00 | 28.91 0.37 0.00 | 26.67 0.37 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 30.76 0.00 0.00 | 30.12 0.00 0.00 | 26.69 0.00 0.00 | 23.92 0.00 0.00 | 23.67 0.00 0.00 | 23.14 0.00 0.00 | 22.45 0.00 0.00 | 22.68 0.00 0.00 | 23.68 0.00 0.00 | 25.59 0.00 0.00 | 28.53 0.00 0.00 | 28.02 0.00 0.00 | 30.67 0.00 0.00 | 30.83 0.00 0.00 | 31.76 0.00 0.00 | 31.71 0.00 0.00 | 32.62 0.00 0.00 | 32.32 0.00 0.00 | 42.10 0.00 0.00 | 37.05 0.00 0.00 | 34.32 0.00 0.00 | 30.85 0.00 0.00 | 28.53 0.00 0.00 | 26.30 0.00 0.00 |
| NYPA_BRENTWD__GT 24164 | 33.65 2.89 0.00 | 32.96 2.85 0.00 | 28.90 2.22 0.00 | 25.64 1.72 0.00 | 25.28 1.61 0.00 | 24.63 1.50 0.00 | 24.20 1.76 0.00 | 24.53 1.84 0.00 | 25.83 2.15 0.00 | 27.97 2.35 -0.02 | 32.51 2.74 -1.25 | 30.83 2.81 0.00 | 33.65 2.96 -0.01 | 33.88 3.05 0.00 | 34.90 3.13 0.00 | 34.90 3.15 -0.03 | 45.59 3.11 -9.86 | 40.56 3.01 -5.23 | 63.27 3.14 -18.03 | 39.49 2.42 -0.01 | 36.64 2.32 0.00 | 32.74 1.89 0.00 | 30.40 1.87 0.00 | 28.03 1.73 0.00 |
| NYPA_GOWANUS__GT5 24156 | 35.76 2.16 -2.84 | 32.93 2.10 -0.72 | 28.31 1.63 0.00 | 25.33 1.40 0.00 | 25.01 1.33 0.00 | 24.41 1.27 0.00 | 23.77 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.11 -1.23 | 30.35 2.34 0.00 | 33.33 2.65 -0.02 | 33.51 2.67 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.58 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.07 0.00 | 32.62 1.77 0.00 | 30.18 1.65 0.00 | 27.76 1.46 0.00 |
| NYPA_GOWANUS__GT6 24157 | 35.76 2.16 -2.84 | 32.93 2.10 -0.72 | 28.31 1.63 0.00 | 25.33 1.40 0.00 | 25.01 1.33 0.00 | 24.41 1.27 0.00 | 23.77 1.33 0.00 | 24.10 1.42 0.00 | 25.28 1.60 0.00 | 27.39 1.80 0.00 | 31.87 2.11 -1.23 | 30.35 2.34 0.00 | 33.33 2.65 -0.02 | 33.51 2.67 0.00 | 34.56 2.80 0.00 | 34.41 2.70 0.00 | 35.12 2.49 -0.01 | 34.58 2.25 0.00 | 44.74 2.64 0.00 | 39.24 2.19 0.00 | 36.40 2.07 0.00 | 32.62 1.77 0.00 | 30.18 1.65 0.00 | 27.76 1.46 0.00 |
| NYPA_HARLEM_RVR_GT1 24160 | 32.82 2.07 0.00 | 32.08 1.96 0.00 | 28.25 1.57 0.00 | 25.25 1.33 0.00 | 24.93 1.25 0.00 | 24.29 1.16 0.00 | 23.62 1.18 0.00 | 23.96 1.28 0.00 | 25.14 1.45 0.00 | 27.18 1.58 0.00 | 31.60 1.84 -1.23 | 30.06 2.04 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.34 2.58 0.00 | 34.20 2.49 0.00 | 34.94 2.31 0.00 | 34.37 2.04 0.00 | 44.44 2.35 0.00 | 38.94 1.89 0.00 | 36.16 1.84 0.00 | 32.42 1.57 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| NYPA_HARLEM_RVR_GT2 24161 | 32.82 2.07 0.00 | 32.08 1.96 0.00 | 28.25 1.57 0.00 | 25.25 1.33 0.00 | 24.93 1.25 0.00 | 24.29 1.16 0.00 | 23.62 1.18 0.00 | 23.96 1.28 0.00 | 25.14 1.45 0.00 | 27.18 1.58 0.00 | 31.60 1.84 -1.23 | 30.06 2.04 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.34 2.58 0.00 | 34.20 2.49 0.00 | 34.94 2.31 0.00 | 34.37 2.04 0.00 | 44.44 2.35 0.00 | 38.94 1.89 0.00 | 36.16 1.84 0.00 | 32.42 1.57 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| NYPA_KENT__GT 24152 | 34.53 2.14 -1.64 | 32.60 2.07 -0.41 | 28.29 1.61 0.00 | 25.31 1.38 0.00 | 24.99 1.32 0.00 | 24.39 1.26 0.00 | 23.76 1.32 0.00 | 24.09 1.40 0.00 | 25.27 1.59 0.00 | 27.36 1.77 0.00 | 31.84 2.08 -1.23 | 30.30 2.29 0.00 | 33.29 2.61 -0.01 | 33.47 2.64 0.00 | 34.52 2.76 0.00 | 34.37 2.66 0.00 | 35.07 2.45 0.00 | 34.51 2.19 0.00 | 44.65 2.56 0.00 | 39.16 2.11 0.00 | 36.32 2.00 0.00 | 32.56 1.71 0.00 | 30.12 1.59 0.00 | 27.72 1.42 0.00 |
| NYPA_POUCH1__GT 24155 | 35.60 2.05 -2.79 | 32.87 2.04 -0.71 | 28.25 1.57 0.00 | 25.27 1.34 0.00 | 24.96 1.28 0.00 | 24.33 1.20 0.00 | 23.70 1.26 0.00 | 24.03 1.35 0.00 | 25.20 1.52 0.00 | 27.29 1.70 0.00 | 31.77 2.01 -1.23 | 30.29 2.27 0.00 | 33.24 2.56 -0.01 | 33.12 2.54 0.25 | 34.42 2.66 0.01 | 34.30 2.59 0.00 | 35.03 2.40 -0.01 | 34.49 2.17 0.00 | 44.65 2.55 0.00 | 39.19 2.13 0.00 | 36.36 2.04 0.00 | 32.58 1.73 0.00 | 30.17 1.63 0.00 | 27.74 1.44 0.00 |
| NYPA_VERNON__GT2 24162 | 33.29 2.11 -0.43 | 32.24 2.02 -0.11 | 28.26 1.58 0.00 | 25.28 1.36 0.00 | 24.96 1.29 0.00 | 24.37 1.23 0.00 | 23.74 1.29 0.00 | 24.07 1.38 0.00 | 25.24 1.56 0.00 | 27.34 1.75 0.00 | 31.81 2.05 -1.23 | 30.26 2.24 0.00 | 33.24 2.55 -0.01 | 33.43 2.60 0.00 | 34.46 2.70 0.00 | 34.32 2.61 0.00 | 35.01 2.39 0.00 | 34.44 2.12 0.00 | 44.56 2.47 0.00 | 39.06 2.00 0.00 | 36.23 1.91 0.00 | 32.48 1.63 0.00 | 30.05 1.52 0.00 | 27.67 1.37 0.00 |

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| NYPA_VERNON____GT3 24163 | 33.29 2.11 -0.43 | 32.24 2.02 -0.11 | 28.26 1.58 0.00 | 25.28 1.36 0.00 | 24.96 1.29 0.00 | 24.37 1.23 0.00 | 23.74 1.29 0.00 | 24.07 1.38 0.00 | 25.24 1.56 0.00 | 27.34 1.75 0.00 | 31.81 2.05 -1.23 | 30.26 2.24 0.00 | 33.24 2.55 -0.01 | 33.43 2.60 0.00 | 34.46 2.70 0.00 | 34.32 2.61 0.00 | 35.01 2.39 0.00 | 34.44 2.12 0.00 | 44.56 2.47 0.00 | 39.06 2.00 0.00 | 36.23 1.91 0.00 | 32.48 1.63 0.00 | 30.05 1.52 0.00 | 27.67 1.37 0.00 |
| NYPA____ASTORIA_CC1 323568 | 32.82 2.06 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.24 1.32 0.00 | 24.93 1.26 0.00 | 24.33 1.20 0.00 | 23.70 1.25 0.00 | 24.03 1.34 0.00 | 25.20 1.52 0.00 | 27.29 1.69 0.00 | 31.75 1.99 -1.23 | 30.20 2.19 0.00 | 33.18 2.50 -0.01 | 33.37 2.53 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 34.96 2.34 0.00 | 34.39 2.07 0.00 | 44.49 2.40 0.00 | 39.01 1.95 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.62 1.33 0.00 |
| NYPA____ASTORIA_CC2 323569 | 32.82 2.06 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.24 1.32 0.00 | 24.93 1.26 0.00 | 24.33 1.20 0.00 | 23.70 1.25 0.00 | 24.03 1.34 0.00 | 25.20 1.52 0.00 | 27.29 1.69 0.00 | 31.75 1.99 -1.23 | 30.20 2.19 0.00 | 33.18 2.50 -0.01 | 33.37 2.53 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 34.96 2.34 0.00 | 34.39 2.07 0.00 | 44.49 2.40 0.00 | 39.01 1.95 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.62 1.33 0.00 |
| NYPA____HOLTSVILL 23794 | 33.42 2.66 0.00 | 32.72 2.60 0.00 | 28.69 2.00 0.00 | 25.43 1.51 0.00 | 25.08 1.40 0.00 | 24.43 1.29 0.00 | 24.07 1.63 0.00 | 24.38 1.70 0.00 | 25.67 1.99 0.00 | 27.76 2.15 -0.02 | 32.26 2.48 -1.25 | 30.58 2.57 0.00 | 33.39 2.71 -0.01 | 33.63 2.79 0.00 | 34.71 2.94 0.00 | 34.78 2.94 -0.13 | 43.26 2.88 -7.76 | 36.90 2.75 -1.83 | 50.11 2.76 -5.25 | 39.17 2.12 0.00 | 36.42 2.10 0.00 | 32.52 1.67 0.00 | 30.17 1.64 0.00 | 27.83 1.53 0.00 |
| NYPA____HELLGATE_GT1 24158 | 32.82 2.07 0.00 | 32.08 1.96 0.00 | 28.25 1.57 0.00 | 25.25 1.33 0.00 | 24.93 1.25 0.00 | 24.29 1.16 0.00 | 23.62 1.18 0.00 | 23.96 1.28 0.00 | 25.14 1.45 0.00 | 27.18 1.58 0.00 | 31.60 1.84 -1.23 | 30.06 2.04 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.34 2.58 0.00 | 34.20 2.49 0.00 | 34.94 2.31 0.00 | 34.37 2.04 0.00 | 44.44 2.35 0.00 | 38.94 1.89 0.00 | 36.14 1.82 0.00 | 32.42 1.57 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| NYPA____HELLGATE_GT2 24159 | 32.82 2.07 0.00 | 32.08 1.96 0.00 | 28.25 1.57 0.00 | 25.25 1.33 0.00 | 24.93 1.25 0.00 | 24.29 1.16 0.00 | 23.62 1.18 0.00 | 23.96 1.28 0.00 | 25.14 1.45 0.00 | 27.18 1.58 0.00 | 31.60 1.84 -1.23 | 30.06 2.04 0.00 | 33.07 2.39 -0.01 | 33.27 2.44 0.00 | 34.34 2.58 0.00 | 34.20 2.49 0.00 | 34.94 2.31 0.00 | 34.37 2.04 0.00 | 44.44 2.35 0.00 | 38.94 1.89 0.00 | 36.14 1.82 0.00 | 32.42 1.57 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |
| NYS_BARGE____HYD 23848 | 30.42 -0.33 0.00 | 29.90 -0.22 0.00 | 26.61 -0.08 0.00 | 23.82 -0.10 0.00 | 23.65 -0.02 0.00 | 23.25 0.11 0.00 | 22.41 -0.03 0.00 | 22.48 -0.20 0.00 | 23.55 -0.13 0.00 | 25.58 -0.01 0.00 | 28.91 0.38 0.00 | 28.45 0.43 0.00 | 31.24 0.57 0.00 | 31.24 0.40 0.00 | 31.96 0.20 0.00 | 31.78 0.07 0.00 | 32.49 -0.13 0.00 | 32.24 -0.08 0.00 | 41.76 -0.34 0.00 | 36.87 -0.18 0.00 | 34.11 -0.21 0.00 | 31.30 0.45 0.00 | 29.27 0.74 0.00 | 27.12 0.82 0.00 |
| OAK ORCHARD____HYD 24046 | 30.80 0.04 0.00 | 30.18 0.06 0.00 | 26.78 0.09 0.00 | 23.97 0.05 0.00 | 23.78 0.10 0.00 | 23.32 0.18 0.00 | 22.54 0.10 0.00 | 22.71 0.02 0.00 | 23.82 0.13 0.00 | 25.90 0.30 0.00 | 29.19 0.66 0.00 | 28.80 0.78 0.00 | 31.65 0.98 0.00 | 31.75 0.91 0.00 | 32.55 0.79 0.00 | 32.39 0.68 0.00 | 33.24 0.62 0.00 | 33.00 0.68 0.00 | 42.91 0.82 0.00 | 37.83 0.78 0.00 | 34.96 0.64 0.00 | 31.79 0.94 0.00 | 29.55 1.02 0.00 | 27.28 0.98 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 30.91 0.15 0.00 | 30.30 0.18 0.00 | 26.84 0.15 0.00 | 24.04 0.12 0.00 | 23.83 0.16 0.00 | 23.32 0.18 0.00 | 22.64 0.19 0.00 | 22.86 0.18 0.00 | 23.94 0.26 0.00 | 25.94 0.35 0.00 | 28.98 0.45 0.00 | 28.50 0.49 0.00 | 31.26 0.60 0.00 | 31.44 0.61 0.00 | 32.33 0.57 0.00 | 32.25 0.54 0.00 | 33.10 0.47 0.00 | 32.80 0.48 0.00 | 42.75 0.65 0.00 | 37.57 0.52 0.00 | 34.82 0.50 0.00 | 31.35 0.50 0.00 | 29.01 0.48 0.00 | 26.72 0.43 0.00 |
| OCC_CHEM____DRP 24175 | 29.97 -0.78 0.00 | 29.48 -0.63 0.00 | 26.24 -0.44 0.00 | 23.63 -0.29 0.00 | 23.48 -0.20 0.00 | 23.08 -0.06 0.00 | 22.25 -0.19 0.00 | 22.24 -0.45 0.00 | 23.22 -0.46 0.00 | 25.24 -0.36 0.00 | 28.54 0.02 0.00 | 28.06 0.05 0.00 | 30.79 0.12 0.00 | 30.74 -0.09 0.00 | 31.44 -0.33 0.00 | 31.26 -0.45 0.00 | 31.93 -0.69 0.00 | 31.64 -0.68 0.00 | 40.89 -1.21 0.00 | 35.94 -1.12 0.00 | 33.27 -1.05 0.00 | 30.59 -0.26 0.00 | 28.78 0.25 0.00 | 26.72 0.42 0.00 |
| OH_GEN_PROXY 24063 | 30.11 -0.65 0.00 | 29.61 -0.51 0.00 | 26.34 -0.35 0.00 | 23.61 -0.31 0.00 | 23.45 -0.22 0.00 | 23.05 -0.09 0.00 | 22.24 -0.20 0.00 | 22.32 -0.37 0.00 | 23.37 -0.31 0.00 | 25.39 -0.20 0.00 | 28.69 0.16 0.00 | 28.21 0.20 0.00 | 30.96 0.29 0.00 | 30.97 0.13 0.00 | 31.66 -0.10 0.00 | 31.45 -0.26 0.00 | 32.14 -0.48 0.00 | 31.86 -0.46 0.00 | 41.27 -0.83 0.00 | 36.37 -0.68 0.00 | 33.66 -0.66 0.00 | 30.89 0.04 0.00 | 28.91 0.38 0.00 | 26.22 0.49 0.56 |
| OLIN_CORP_DRP 24177 | 29.97 -0.79 0.00 | 29.46 -0.66 0.00 | 26.23 -0.46 0.00 | 23.49 -0.43 0.00 | 23.33 -0.35 0.00 | 22.93 -0.20 0.00 | 22.10 -0.34 0.00 | 22.17 -0.51 0.00 | 23.19 -0.49 0.00 | 25.20 -0.39 0.00 | 28.49 -0.04 0.00 | 28.02 0.01 0.00 | 30.74 0.07 0.00 | 30.71 -0.12 0.00 | 31.41 -0.35 0.00 | 31.24 -0.47 0.00 | 31.91 -0.71 0.00 | 31.65 -0.68 0.00 | 40.95 -1.15 0.00 | 36.17 -0.89 0.00 | 33.49 -0.84 0.00 | 30.76 -0.09 0.00 | 28.81 0.27 0.00 | 26.71 0.41 0.00 |
| OLIN_CORP_DSASP 323712 | 29.97 -0.78 0.00 | 29.48 -0.63 0.00 | 26.25 -0.44 0.00 | 23.63 -0.29 0.00 | 23.48 -0.20 0.00 | 23.08 -0.06 0.00 | 22.25 -0.19 0.00 | 22.24 -0.45 0.00 | 23.24 -0.45 0.00 | 25.24 -0.36 0.00 | 28.53 0.01 0.00 | 28.06 0.05 0.00 | 30.79 0.12 0.00 | 30.75 -0.08 0.00 | 31.44 -0.32 0.00 | 31.26 -0.45 0.00 | 31.93 -0.69 0.00 | 31.64 -0.68 0.00 | 40.89 -1.21 0.00 | 35.94 -1.12 0.00 | 33.27 -1.05 0.00 | 30.59 -0.26 0.00 | 28.77 0.23 0.00 | 26.72 0.42 0.00 |
| ONEIDA_HERK_LFGE 323681 | 31.41 0.65 0.00 | 30.68 0.57 0.00 | 27.07 0.39 0.00 | 24.23 0.31 0.00 | 23.89 0.22 0.00 | 23.31 0.17 0.00 | 22.58 0.14 0.00 | 22.82 0.13 0.00 | 23.90 0.22 0.00 | 25.77 0.18 0.00 | 28.60 0.08 0.00 | 28.03 0.02 0.00 | 30.66 -0.01 0.00 | 30.97 0.14 0.00 | 31.98 0.22 0.00 | 31.96 0.25 0.00 | 32.95 0.33 0.00 | 32.85 0.53 0.00 | 43.12 1.03 0.00 | 38.12 1.07 0.00 | 35.29 0.97 0.00 | 31.62 0.77 0.00 | 29.16 0.62 0.00 | 26.85 0.56 0.00 |
| ONEIDA____115KV_TB4 55905 | 31.53 0.77 0.00 | 30.83 0.72 0.00 | 27.25 0.56 0.00 | 24.41 0.49 0.00 | 24.12 0.45 0.00 | 23.58 0.44 0.00 | 22.86 0.42 0.00 | 23.08 0.40 0.00 | 24.13 0.45 0.00 | 26.10 0.51 0.00 | 29.09 0.56 0.00 | 28.57 0.56 0.00 | 31.24 0.58 0.00 | 31.47 0.64 0.00 | 32.45 0.69 0.00 | 32.41 0.70 0.00 | 33.36 0.74 0.00 | 33.15 0.82 0.00 | 43.34 1.25 0.00 | 38.27 1.22 0.00 | 35.48 1.15 0.00 | 31.88 1.03 0.00 | 29.42 0.88 0.00 | 27.07 0.78 0.00 |

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| ONONDAGA_REF_OCCRA 23987 | 30.75 -0.01 0.00 | 30.11 -0.01 0.00 | 26.65 -0.04 0.00 | 23.89 -0.04 0.00 | 23.65 -0.03 0.00 | 23.13 -0.01 0.00 | 22.43 -0.02 0.00 | 22.66 -0.02 0.00 | 23.71 0.03 0.00 | 25.67 0.08 0.00 | 28.68 0.16 0.00 | 28.20 0.18 0.00 | 30.85 0.18 0.00 | 31.03 0.19 0.00 | 31.94 0.18 0.00 | 31.84 0.13 0.00 | 32.74 0.12 0.00 | 32.49 0.16 0.00 | 42.35 0.25 0.00 | 37.28 0.23 0.00 | 34.53 0.21 0.00 | 31.11 0.26 0.00 | 28.76 0.23 0.00 | 26.55 0.25 0.00 |
| ONONDAGA___COGEN 23986 | 30.74 -0.02 0.00 | 30.08 -0.03 0.00 | 26.64 -0.04 0.00 | 23.87 -0.05 0.00 | 23.64 -0.03 0.00 | 23.12 -0.02 0.00 | 22.42 -0.02 0.00 | 22.66 -0.02 0.00 | 23.71 0.03 0.00 | 25.66 0.07 0.00 | 28.67 0.15 0.00 | 28.19 0.17 0.00 | 30.84 0.17 0.00 | 31.00 0.17 0.00 | 31.92 0.15 0.00 | 31.86 0.15 0.00 | 32.75 0.13 0.00 | 32.50 0.18 0.00 | 42.34 0.25 0.00 | 37.30 0.25 0.00 | 34.52 0.20 0.00 | 31.10 0.24 0.00 | 28.73 0.20 0.00 | 26.53 0.23 0.00 |
| ONTARIO___LFGE 23819 | 30.95 0.20 0.00 | 30.33 0.21 0.00 | 26.98 0.29 0.00 | 24.14 0.22 0.00 | 23.92 0.25 0.00 | 23.42 0.28 0.00 | 22.71 0.27 0.00 | 22.93 0.25 0.00 | 24.05 0.36 0.00 | 26.07 0.48 0.00 | 29.10 0.58 0.00 | 28.72 0.71 0.00 | 31.48 0.81 0.00 | 31.64 0.80 0.00 | 32.55 0.79 0.00 | 32.55 0.83 0.00 | 33.38 0.76 0.00 | 33.19 0.86 0.00 | 43.31 1.21 0.00 | 38.21 1.16 0.00 | 35.40 1.08 0.00 | 31.96 1.11 0.00 | 29.55 1.02 0.00 | 27.25 0.96 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 30.56 -0.19 0.00 | 30.13 0.02 0.00 | 26.82 0.14 0.00 | 24.03 0.11 0.00 | 23.83 0.15 0.00 | 23.36 0.22 0.00 | 22.57 0.12 0.00 | 22.66 -0.02 0.00 | 23.78 0.11 0.00 | 25.86 0.26 0.00 | 29.01 0.49 0.00 | 28.48 0.47 0.00 | 31.31 0.64 0.00 | 31.36 0.53 0.00 | 32.18 0.42 0.00 | 32.12 0.40 0.00 | 32.85 0.23 0.00 | 32.63 0.31 0.00 | 42.44 0.34 0.00 | 37.43 0.38 0.00 | 34.68 0.36 0.00 | 31.62 0.77 0.00 | 29.43 0.90 0.00 | 27.19 0.89 0.00 |
| ORANGEVILLE___ESR 323794 | 30.56 -0.19 0.00 | 30.13 0.02 0.00 | 26.82 0.14 0.00 | 24.03 0.11 0.00 | 23.83 0.15 0.00 | 23.36 0.22 0.00 | 22.57 0.12 0.00 | 22.66 -0.02 0.00 | 23.78 0.11 0.00 | 25.86 0.26 0.00 | 29.01 0.49 0.00 | 28.48 0.47 0.00 | 31.31 0.64 0.00 | 31.36 0.53 0.00 | 32.18 0.42 0.00 | 32.12 0.40 0.00 | 32.85 0.23 0.00 | 32.63 0.31 0.00 | 42.44 0.34 0.00 | 37.43 0.38 0.00 | 34.68 0.36 0.00 | 31.62 0.77 0.00 | 29.43 0.90 0.00 | 27.19 0.89 0.00 |
| OSWEGATCHIE___HYD 24044 | 30.60 -0.15 0.00 | 29.85 -0.26 0.00 | 26.36 -0.33 0.00 | 23.55 -0.37 0.00 | 23.21 -0.46 0.00 | 22.61 -0.53 0.00 | 21.88 -0.56 0.00 | 22.10 -0.58 0.00 | 23.09 -0.59 0.00 | 24.85 -0.74 0.00 | 27.49 -1.03 0.00 | 26.82 -1.20 0.00 | 29.34 -1.33 0.00 | 29.66 -1.18 0.00 | 30.68 -1.09 0.00 | 30.78 -0.93 0.00 | 31.88 -0.75 0.00 | 31.81 -0.51 0.00 | 41.86 -0.23 0.00 | 37.12 0.06 0.00 | 34.42 0.10 0.00 | 30.83 -0.02 0.00 | 28.40 -0.13 0.00 | 26.13 -0.17 0.00 |
| OSWEGO___5 23606 | 30.22 -0.54 0.00 | 29.59 -0.53 0.00 | 26.20 -0.48 0.00 | 23.48 -0.44 0.00 | 23.25 -0.42 0.00 | 22.74 -0.40 0.00 | 22.05 -0.40 0.00 | 22.28 -0.41 0.00 | 23.30 -0.38 0.00 | 25.21 -0.38 0.00 | 28.16 -0.37 0.00 | 27.67 -0.35 0.00 | 30.23 -0.43 0.00 | 30.40 -0.43 0.00 | 31.28 -0.48 0.00 | 31.21 -0.50 0.00 | 32.08 -0.54 0.00 | 31.83 -0.49 0.00 | 41.46 -0.63 0.00 | 36.51 -0.54 0.00 | 33.82 -0.51 0.00 | 30.45 -0.40 0.00 | 28.18 -0.35 0.00 | 26.04 -0.25 0.00 |
| OSWEGO___6 23613 | 30.22 -0.54 0.00 | 29.59 -0.53 0.00 | 26.20 -0.48 0.00 | 23.48 -0.44 0.00 | 23.25 -0.42 0.00 | 22.74 -0.40 0.00 | 22.05 -0.40 0.00 | 22.28 -0.41 0.00 | 23.30 -0.38 0.00 | 25.21 -0.38 0.00 | 28.16 -0.37 0.00 | 27.67 -0.35 0.00 | 30.23 -0.43 0.00 | 30.40 -0.43 0.00 | 31.28 -0.48 0.00 | 31.21 -0.50 0.00 | 32.08 -0.54 0.00 | 31.83 -0.49 0.00 | 41.46 -0.63 0.00 | 36.51 -0.54 0.00 | 33.82 -0.51 0.00 | 30.45 -0.40 0.00 | 28.18 -0.35 0.00 | 26.04 -0.25 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 30.68 -0.08 0.00 | 30.14 0.03 0.00 | 26.82 0.13 0.00 | 24.06 0.14 0.00 | 23.90 0.22 0.00 | 23.48 0.34 0.00 | 22.65 0.21 0.00 | 22.70 0.02 0.00 | 23.76 0.08 0.00 | 25.85 0.26 0.00 | 29.21 0.69 0.00 | 28.75 0.73 0.00 | 31.58 0.91 0.00 | 31.58 0.75 0.00 | 32.31 0.55 0.00 | 32.16 0.45 0.00 | 32.89 0.27 0.00 | 32.61 0.29 0.00 | 42.21 0.11 0.00 | 37.17 0.11 0.00 | 34.37 0.05 0.00 | 31.53 0.68 0.00 | 29.52 0.99 0.00 | 27.34 1.04 0.00 |
| OXBOW____ 24026 | 30.42 -0.34 0.00 | 29.91 -0.21 0.00 | 26.61 -0.08 0.00 | 23.91 -0.01 0.00 | 23.76 0.09 0.00 | 23.34 0.20 0.00 | 22.51 0.07 0.00 | 22.53 -0.15 0.00 | 23.58 -0.10 0.00 | 25.62 0.03 0.00 | 28.97 0.44 0.00 | 28.50 0.49 0.00 | 31.30 0.63 0.00 | 31.29 0.46 0.00 | 32.01 0.25 0.00 | 31.84 0.13 0.00 | 32.55 -0.07 0.00 | 32.26 -0.06 0.00 | 41.72 -0.38 0.00 | 36.70 -0.35 0.00 | 33.95 -0.37 0.00 | 31.18 0.33 0.00 | 29.25 0.72 0.00 | 27.12 0.83 0.00 |
| OXY_CHEM_DSASP 323612 | 29.97 -0.78 0.00 | 29.48 -0.63 0.00 | 26.24 -0.44 0.00 | 23.63 -0.29 0.00 | 23.48 -0.20 0.00 | 23.08 -0.06 0.00 | 22.25 -0.19 0.00 | 22.24 -0.45 0.00 | 23.22 -0.46 0.00 | 25.24 -0.36 0.00 | 28.54 0.02 0.00 | 28.06 0.05 0.00 | 30.79 0.12 0.00 | 30.74 -0.09 0.00 | 31.44 -0.33 0.00 | 31.26 -0.45 0.00 | 31.93 -0.69 0.00 | 31.64 -0.68 0.00 | 40.89 -1.21 0.00 | 35.94 -1.12 0.00 | 33.27 -1.05 0.00 | 30.59 -0.26 0.00 | 28.78 0.25 0.00 | 26.72 0.42 0.00 |
| OZONE_PARK_ESR 323760 | 33.28 2.52 0.00 | 32.50 2.38 0.00 | 28.57 1.88 0.00 | 25.55 1.63 0.00 | 25.24 1.57 0.00 | 24.63 1.49 0.00 | 23.98 1.54 0.00 | 24.32 1.63 0.00 | 25.50 1.82 0.00 | 27.62 2.03 0.00 | 32.13 2.37 -1.23 | 30.58 2.57 0.00 | 33.62 2.93 -0.01 | 33.83 3.00 0.00 | 34.86 3.10 0.00 | 34.73 3.02 0.00 | 35.50 2.88 0.00 | 34.92 2.60 0.00 | 45.23 3.13 0.00 | 39.61 2.56 0.00 | 36.73 2.41 0.00 | 32.93 2.08 0.00 | 30.47 1.94 0.00 | 28.00 1.71 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 29.97 -0.78 0.00 | 29.48 -0.63 0.00 | 26.24 -0.44 0.00 | 23.63 -0.29 0.00 | 23.48 -0.20 0.00 | 23.08 -0.06 0.00 | 22.25 -0.19 0.00 | 22.24 -0.45 0.00 | 23.22 -0.46 0.00 | 25.24 -0.36 0.00 | 28.54 0.02 0.00 | 28.06 0.05 0.00 | 30.79 0.12 0.00 | 30.74 -0.09 0.00 | 31.44 -0.33 0.00 | 31.26 -0.45 0.00 | 31.93 -0.69 0.00 | 31.64 -0.68 0.00 | 40.89 -1.21 0.00 | 35.94 -1.12 0.00 | 33.27 -1.05 0.00 | 30.59 -0.26 0.00 | 28.78 0.25 0.00 | 26.72 0.42 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 29.97 -0.78 0.00 | 29.48 -0.63 0.00 | 26.24 -0.44 0.00 | 23.63 -0.29 0.00 | 23.48 -0.20 0.00 | 23.08 -0.06 0.00 | 22.25 -0.19 0.00 | 22.24 -0.45 0.00 | 23.22 -0.46 0.00 | 25.24 -0.36 0.00 | 28.54 0.02 0.00 | 28.06 0.05 0.00 | 30.79 0.12 0.00 | 30.74 -0.09 0.00 | 31.44 -0.33 0.00 | 31.26 -0.45 0.00 | 31.93 -0.69 0.00 | 31.64 -0.68 0.00 | 40.89 -1.21 0.00 | 35.94 -1.12 0.00 | 33.27 -1.05 0.00 | 30.59 -0.26 0.00 | 28.78 0.25 0.00 | 26.72 0.42 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 32.81 2.05 0.00 | 32.09 1.97 0.00 | 28.25 1.56 0.00 | 25.26 1.33 0.00 | 24.94 1.26 0.00 | 24.34 1.20 0.00 | 23.67 1.23 0.00 | 24.00 1.32 0.00 | 25.17 1.49 0.00 | 27.22 1.63 0.00 | 31.66 1.90 -1.23 | 30.10 2.09 0.00 | 33.07 2.39 -0.01 | 33.25 2.42 0.00 | 34.32 2.56 0.00 | 34.18 2.47 0.00 | 34.92 2.29 0.00 | 34.39 2.07 0.00 | 44.51 2.42 0.00 | 39.05 1.99 0.00 | 36.22 1.90 0.00 | 32.45 1.60 0.00 | 29.97 1.44 0.00 | 27.59 1.29 0.00 |

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| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 32.98 2.22 0.00 | 32.29 2.17 0.00 | 28.41 1.72 0.00 | 25.39 1.47 0.00 | 25.08 1.41 0.00 | 24.50 1.36 0.00 | 23.74 1.30 0.00 | 24.12 1.43 0.00 | 25.29 1.61 0.00 | 27.32 1.73 0.00 | 31.77 2.01 -1.23 | 30.22 2.20 0.00 | 33.19 2.51 -0.01 | 33.40 2.56 0.00 | 34.47 2.71 0.00 | 34.35 2.64 0.00 | 35.11 2.48 0.00 | 34.61 2.28 0.00 | 44.88 2.79 0.00 | 39.36 2.31 0.00 | 36.49 2.17 0.00 | 32.72 1.87 0.00 | 30.20 1.67 0.00 | 27.81 1.51 0.00 |
| PATROON__115KV_TB1 80586 | 31.50 0.74 0.00 | 30.92 0.81 0.00 | 27.27 0.58 0.00 | 24.54 0.62 0.00 | 24.26 0.58 0.00 | 23.70 0.57 0.00 | 22.99 0.55 0.00 | 23.25 0.57 0.00 | 24.31 0.63 0.00 | 26.18 0.59 0.00 | 29.46 0.65 -0.28 | 28.72 0.70 0.00 | 31.49 0.84 0.01 | 31.68 0.85 0.00 | 32.67 0.91 0.00 | 32.53 0.82 0.00 | 33.45 0.83 0.00 | 33.12 0.80 0.00 | 43.11 1.01 0.00 | 37.93 0.88 0.00 | 35.12 0.79 0.00 | 31.41 0.56 0.00 | 28.99 0.46 0.00 | 26.67 0.37 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 30.81 0.05 0.00 | 30.26 0.15 0.00 | 26.90 0.21 0.00 | 24.07 0.15 0.00 | 23.89 0.22 0.00 | 23.47 0.33 0.00 | 22.68 0.24 0.00 | 22.81 0.13 0.00 | 23.88 0.20 0.00 | 26.01 0.42 0.00 | 29.33 0.80 0.00 | 28.87 0.85 0.00 | 31.73 1.06 0.00 | 31.79 0.96 0.00 | 32.54 0.78 0.00 | 32.39 0.68 0.00 | 33.13 0.51 0.00 | 32.87 0.55 0.00 | 42.65 0.55 0.00 | 37.56 0.50 0.00 | 34.72 0.40 0.00 | 31.73 0.87 0.00 | 29.60 1.07 0.00 | 27.34 1.04 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 32.88 2.12 0.00 | 32.11 1.99 0.00 | 28.25 1.56 0.00 | 25.29 1.37 0.00 | 24.98 1.31 0.00 | 24.40 1.26 0.00 | 23.74 1.30 0.00 | 24.07 1.39 0.00 | 25.25 1.57 0.00 | 27.31 1.72 0.00 | 30.99 2.01 -0.46 | 30.20 2.19 0.00 | 33.19 2.52 -0.01 | 33.41 2.58 0.00 | 34.48 2.71 0.00 | 34.39 2.67 0.00 | 35.24 2.62 0.00 | 34.79 2.46 0.00 | 45.13 3.03 0.00 | 39.55 2.50 0.00 | 36.62 2.29 0.00 | 32.77 1.91 0.00 | 30.23 1.70 0.00 | 27.74 1.44 0.00 |
| PEEKSKILL____ 23653 | 32.63 1.87 0.00 | 31.89 1.77 0.00 | 27.99 1.31 0.00 | 25.05 1.13 0.00 | 24.74 1.07 0.00 | 24.16 1.03 0.00 | 23.52 1.08 0.00 | 23.84 1.15 0.00 | 24.98 1.30 0.00 | 27.04 1.45 0.00 | 31.66 1.70 -1.43 | 29.88 1.86 0.00 | 32.82 2.14 -0.01 | 33.03 2.20 0.00 | 34.05 2.29 0.00 | 33.92 2.21 0.00 | 34.72 2.10 0.00 | 34.24 1.92 0.00 | 44.40 2.31 0.00 | 38.90 1.85 0.00 | 36.05 1.73 0.00 | 32.29 1.44 0.00 | 29.85 1.31 0.00 | 27.42 1.13 0.00 |
| PGE MADISON__WINDPWR 24146 | 32.86 2.10 0.00 | 32.17 2.06 0.00 | 28.42 1.74 0.00 | 25.42 1.50 0.00 | 25.12 1.45 0.00 | 24.67 1.53 0.00 | 23.98 1.54 0.00 | 24.19 1.51 0.00 | 25.25 1.57 0.00 | 27.06 1.47 0.00 | 30.26 1.73 0.00 | 29.65 1.63 0.00 | 32.48 1.81 0.00 | 32.55 1.72 0.00 | 33.46 1.70 0.00 | 33.45 1.73 0.00 | 34.64 2.02 0.00 | 34.86 2.54 0.00 | 45.70 3.60 0.00 | 40.53 3.48 0.00 | 37.58 3.25 0.00 | 33.85 3.00 0.00 | 31.13 2.60 0.00 | 28.53 2.23 0.00 |
| PIERCEFIELD__HYD 23852 | 30.03 -0.73 0.00 | 29.30 -0.81 0.00 | 25.98 -0.71 0.00 | 23.22 -0.70 0.00 | 22.96 -0.72 0.00 | 22.41 -0.72 0.00 | 21.72 -0.73 0.00 | 21.95 -0.73 0.00 | 22.87 -0.81 0.00 | 24.70 -0.89 0.00 | 27.37 -1.16 0.00 | 26.69 -1.33 0.00 | 29.19 -1.47 0.00 | 29.37 -1.47 0.00 | 30.30 -1.46 0.00 | 30.50 -1.21 0.00 | 31.62 -1.00 0.00 | 31.40 -0.92 0.00 | 41.07 -1.03 0.00 | 36.28 -0.77 0.00 | 33.69 -0.63 0.00 | 30.32 -0.53 0.00 | 27.97 -0.56 0.00 | 25.68 -0.61 0.00 |
| PINELAWN_CC_1 323563 | 33.52 2.76 0.00 | 32.80 2.69 0.00 | 28.76 2.08 0.00 | 25.53 1.61 0.00 | 25.18 1.51 0.00 | 24.55 1.41 0.00 | 24.06 1.62 0.00 | 24.40 1.71 0.00 | 25.67 1.98 0.00 | 27.79 2.18 -0.02 | 32.32 2.55 -1.25 | 30.66 2.65 0.00 | 33.49 2.81 -0.01 | 33.70 2.87 0.00 | 34.76 3.00 0.00 | 34.72 3.00 -0.01 | 37.16 2.95 -1.58 | 35.92 2.84 -0.75 | 47.67 3.02 -2.55 | 39.39 2.34 0.00 | 36.58 2.25 0.00 | 32.69 1.83 0.00 | 30.30 1.77 0.00 | 27.91 1.62 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 32.80 2.05 0.00 | 32.05 1.93 0.00 | 28.18 1.50 0.00 | 25.21 1.29 0.00 | 24.92 1.24 0.00 | 24.31 1.17 0.00 | 23.69 1.24 0.00 | 24.01 1.32 0.00 | 25.17 1.50 0.00 | 27.27 1.68 0.00 | 31.73 1.97 -1.23 | 30.18 2.16 0.00 | 33.15 2.47 -0.01 | 33.37 2.54 0.00 | 34.37 2.61 0.00 | 34.23 2.52 0.00 | 34.98 2.35 0.00 | 34.40 2.08 0.00 | 44.56 2.46 0.00 | 39.04 1.98 0.00 | 36.19 1.86 0.00 | 32.54 1.58 -0.11 | 30.01 1.48 0.00 | 27.59 1.30 0.00 |
| PJM_GEN_KEystone 24065 | 29.40 0.49 1.85 | 30.61 0.50 0.00 | 27.10 0.41 0.00 | 24.26 0.34 0.00 | 24.02 0.35 0.00 | 23.51 0.37 0.00 | 22.84 0.40 0.00 | 23.08 0.40 0.00 | 24.21 0.53 0.00 | 26.28 0.68 0.00 | 27.63 0.88 1.78 | 29.01 1.00 0.00 | 31.89 1.22 -0.01 | 32.03 1.22 0.02 | 32.93 1.17 0.00 | 32.79 1.08 0.00 | 33.53 0.91 0.00 | 33.13 0.81 0.00 | 43.01 0.91 0.00 | 37.73 0.67 0.00 | 34.96 0.64 0.00 | 31.62 0.65 -0.11 | 29.23 0.70 0.00 | 26.91 0.61 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 33.03 2.27 0.00 | 32.32 2.20 0.00 | 28.36 1.67 0.00 | 25.23 1.31 0.00 | 24.90 1.23 0.00 | 24.28 1.14 0.00 | 23.76 1.32 0.00 | 24.08 1.39 0.00 | 25.31 1.63 0.00 | 27.43 1.81 -0.02 | 31.88 2.11 -1.25 | 30.24 2.22 0.00 | 33.06 2.37 -0.01 | 33.26 2.43 0.00 | 34.29 2.53 0.00 | 34.19 2.48 0.00 | 35.01 2.39 0.00 | 34.52 2.20 0.00 | 44.38 2.29 0.00 | 38.81 1.76 0.00 | 36.04 1.71 0.00 | 32.34 1.38 -0.11 | 29.87 1.34 0.00 | 27.52 1.23 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 32.65 1.89 0.00 | 31.88 1.77 0.00 | 28.09 1.40 0.00 | 25.13 1.20 0.00 | 24.82 1.15 0.00 | 24.23 1.09 0.00 | 23.59 1.14 0.00 | 23.91 1.23 0.00 | 25.07 1.39 0.00 | 27.16 1.57 0.00 | 31.56 1.80 -1.23 | 30.03 2.01 0.00 | 33.00 2.32 -0.01 | 32.92 2.35 0.27 | 34.21 2.44 0.00 | 34.06 2.35 0.00 | 34.81 2.19 0.00 | 34.22 1.90 0.00 | 44.33 2.23 0.00 | 38.84 1.78 0.00 | 36.01 1.69 0.00 | 32.39 1.42 -0.11 | 29.88 1.35 0.00 | 27.48 1.18 0.00 |
| PLATSBRG_115KV_PMLD1 355749 | 31.28 0.53 0.00 | 30.29 0.17 0.00 | 26.44 -0.25 0.00 | 23.57 -0.35 0.00 | 23.30 -0.37 0.00 | 22.80 -0.33 0.00 | 22.11 -0.33 0.00 | 22.33 -0.36 0.00 | 23.32 -0.36 0.00 | 25.28 -0.31 0.00 | 28.27 -0.25 0.00 | 27.40 -0.61 0.00 | 29.99 -0.68 0.00 | 29.97 -0.87 0.00 | 30.90 -0.86 0.00 | 31.48 -0.23 0.00 | 33.14 0.52 0.00 | 32.97 0.65 0.00 | 42.97 0.87 0.00 | 37.85 0.79 0.00 | 35.19 0.87 0.00 | 31.52 0.67 0.00 | 29.18 0.65 0.00 | 26.76 0.46 0.00 |
| PLEASANTVLY__LBMP 24000 | 32.29 1.54 0.00 | 31.60 1.48 0.00 | 27.81 1.12 0.00 | 24.94 1.01 0.00 | 24.64 0.97 0.00 | 24.06 0.92 0.00 | 23.41 0.96 0.00 | 23.71 1.03 0.00 | 24.83 1.15 0.00 | 26.83 1.24 0.00 | 30.53 1.43 -0.57 | 29.59 1.57 0.00 | 32.48 1.79 -0.02 | 32.67 1.84 0.00 | 33.68 1.92 0.00 | 33.57 1.85 0.00 | 34.39 1.76 0.00 | 33.94 1.62 0.00 | 44.04 1.95 0.00 | 38.66 1.61 0.00 | 35.82 1.49 0.00 | 32.07 1.21 0.00 | 29.62 1.09 0.00 | 27.23 0.93 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 32.68 1.93 0.00 | 31.94 1.82 0.00 | 28.09 1.40 0.00 | 25.14 1.22 0.00 | 24.84 1.16 0.00 | 24.24 1.10 0.00 | 23.60 1.15 0.00 | 23.93 1.25 0.00 | 25.07 1.39 0.00 | 27.13 1.54 0.00 | 31.30 1.81 -0.97 | 29.98 1.97 0.00 | 32.93 2.25 -0.01 | 33.13 2.30 0.00 | 34.17 2.41 0.00 | 34.05 2.34 0.00 | 34.86 2.24 0.00 | 34.35 2.03 0.00 | 44.56 2.46 0.00 | 39.04 1.98 0.00 | 36.18 1.85 0.00 | 32.41 1.56 0.00 | 29.94 1.41 0.00 | 27.51 1.21 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 32.68 1.93 0.00 | 31.94 1.82 0.00 | 28.09 1.40 0.00 | 25.14 1.22 0.00 | 24.84 1.16 0.00 | 24.24 1.10 0.00 | 23.60 1.15 0.00 | 23.93 1.25 0.00 | 25.07 1.39 0.00 | 27.13 1.54 0.00 | 31.30 1.81 -0.97 | 29.98 1.97 0.00 | 32.93 2.25 -0.01 | 33.13 2.30 0.00 | 34.17 2.41 0.00 | 34.05 2.34 0.00 | 34.86 2.24 0.00 | 34.35 2.03 0.00 | 44.56 2.46 0.00 | 39.04 1.98 0.00 | 36.18 1.85 0.00 | 32.41 1.56 0.00 | 29.94 1.41 0.00 | 27.51 1.21 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 32.59 1.84 0.00 | 31.85 1.73 0.00 | 28.02 1.33 0.00 | 25.12 1.20 0.00 | 24.82 1.14 0.00 | 24.24 1.10 0.00 | 23.58 1.14 0.00 | 23.90 1.21 0.00 | 25.03 1.35 0.00 | 27.04 1.45 0.00 | 30.49 1.68 -0.29 | 29.85 1.83 0.00 | 32.76 2.09 0.00 | 33.00 2.16 0.00 | 34.04 2.28 0.00 | 33.96 2.24 0.00 | 34.83 2.20 0.00 | 34.42 2.09 0.00 | 44.70 2.60 0.00 | 39.23 2.18 0.00 | 36.31 1.99 0.00 | 32.48 1.63 0.00 | 29.98 1.45 0.00 | 27.51 1.21 0.00 |
| POLETTI____ 23519 | 32.82 2.07 0.00 | 32.06 1.95 0.00 | 28.20 1.52 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.33 1.19 0.00 | 23.70 1.26 0.00 | 24.02 1.34 0.00 | 25.19 1.51 0.00 | 27.27 1.68 0.00 | 31.71 1.96 -1.23 | 30.17 2.15 0.00 | 33.14 2.46 -0.01 | 33.35 2.52 0.00 | 34.36 2.60 0.00 | 34.21 2.50 0.00 | 34.95 2.33 0.00 | 34.37 2.05 0.00 | 44.52 2.42 0.00 | 39.01 1.96 0.00 | 36.16 1.84 0.00 | 32.42 1.57 0.00 | 30.00 1.47 0.00 | 27.59 1.29 0.00 |
| POMONA____ESR 323819 | 32.46 1.70 0.00 | 31.71 1.59 0.00 | 27.98 1.29 0.00 | 25.04 1.12 0.00 | 24.72 1.05 0.00 | 24.15 1.01 0.00 | 23.49 1.05 0.00 | 23.82 1.13 0.00 | 24.96 1.28 0.00 | 27.03 1.43 0.00 | 28.56 1.69 1.66 | 29.89 1.87 0.00 | 32.84 2.16 -0.01 | 33.06 2.23 0.00 | 34.08 2.32 0.00 | 33.96 2.24 0.00 | 34.76 2.14 0.00 | 34.31 1.98 0.00 | 44.49 2.39 0.00 | 38.97 1.92 0.00 | 36.10 1.78 0.00 | 32.33 1.47 0.00 | 29.86 1.33 0.00 | 27.42 1.13 0.00 |
| PORT_JEFF_3 23555 | 33.53 2.77 0.00 | 32.81 2.70 0.00 | 28.77 2.09 0.00 | 25.51 1.58 0.00 | 25.15 1.48 0.00 | 24.51 1.37 0.00 | 24.15 1.70 0.00 | 24.46 1.77 0.00 | 25.75 2.08 0.00 | 27.86 2.25 -0.02 | 32.37 2.60 -1.25 | 30.70 2.69 0.00 | 33.54 2.86 -0.01 | 33.78 2.95 0.00 | 34.87 3.11 0.00 | 34.97 3.12 -0.14 | 43.60 3.02 -7.96 | 37.01 2.85 -1.84 | 50.21 2.91 -5.21 | 39.30 2.25 0.00 | 36.59 2.27 0.00 | 32.67 1.82 0.00 | 30.29 1.76 0.00 | 27.93 1.63 0.00 |
| PORT_JEFF_4 23616 | 33.53 2.77 0.00 | 32.81 2.70 0.00 | 28.77 2.09 0.00 | 25.51 1.58 0.00 | 25.15 1.48 0.00 | 24.51 1.37 0.00 | 24.15 1.70 0.00 | 24.46 1.77 0.00 | 25.75 2.08 0.00 | 27.86 2.25 -0.02 | 32.37 2.60 -1.25 | 30.70 2.69 0.00 | 33.54 2.86 -0.01 | 33.78 2.95 0.00 | 34.87 3.11 0.00 | 34.97 3.12 -0.14 | 43.60 3.02 -7.96 | 37.01 2.85 -1.84 | 50.21 2.91 -5.21 | 39.30 2.25 0.00 | 36.59 2.27 0.00 | 32.67 1.82 0.00 | 30.29 1.76 0.00 | 27.93 1.63 0.00 |
| PORT_JEFF_IC 23713 | 33.58 2.82 0.00 | 32.85 2.74 0.00 | 28.80 2.11 0.00 | 25.53 1.61 0.00 | 25.18 1.50 0.00 | 24.53 1.39 0.00 | 24.18 1.74 0.00 | 24.49 1.81 0.00 | 25.80 2.12 0.00 | 27.91 2.29 -0.02 | 32.42 2.65 -1.25 | 30.76 2.75 0.00 | 33.60 2.92 -0.01 | 33.86 3.03 0.00 | 34.96 3.20 0.00 | 35.08 3.21 -0.16 | 44.27 3.06 -8.59 | 36.93 2.82 -1.79 | 49.81 2.85 -4.87 | 39.26 2.20 0.00 | 36.67 2.35 0.00 | 32.73 1.88 0.00 | 30.34 1.80 0.00 | 27.97 1.67 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 33.65 2.89 0.00 | 32.96 2.85 0.00 | 28.90 2.22 0.00 | 25.64 1.72 0.00 | 25.28 1.61 0.00 | 24.63 1.50 0.00 | 24.20 1.76 0.00 | 24.53 1.84 0.00 | 25.83 2.15 0.00 | 27.97 2.35 -0.02 | 32.51 2.74 -1.25 | 30.83 2.81 0.00 | 33.65 2.96 -0.01 | 33.88 3.05 0.00 | 34.90 3.13 0.00 | 34.90 3.15 -0.03 | 45.59 3.11 -9.86 | 40.56 3.01 -5.23 | 63.27 3.14 -18.03 | 39.49 2.42 -0.01 | 36.64 2.32 0.00 | 32.74 1.89 0.00 | 30.40 1.87 0.00 | 28.03 1.73 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 33.65 2.89 0.00 | 32.96 2.85 0.00 | 28.90 2.22 0.00 | 25.64 1.72 0.00 | 25.28 1.61 0.00 | 24.63 1.50 0.00 | 24.20 1.76 0.00 | 24.53 1.84 0.00 | 25.83 2.15 0.00 | 27.97 2.35 -0.02 | 32.51 2.74 -1.25 | 30.83 2.81 0.00 | 33.65 2.96 -0.01 | 33.88 3.05 0.00 | 34.90 3.13 0.00 | 34.90 3.15 -0.03 | 45.59 3.11 -9.86 | 40.56 3.01 -5.23 | 63.27 3.14 -18.03 | 39.49 2.42 -0.01 | 36.64 2.32 0.00 | 32.74 1.89 0.00 | 30.40 1.87 0.00 | 28.03 1.73 0.00 |
| PPL_SHRM_GT3 24213 | 33.41 2.65 0.00 | 32.67 2.55 0.00 | 28.63 1.95 0.00 | 25.35 1.43 0.00 | 24.98 1.30 0.00 | 24.34 1.21 0.00 | 24.20 1.76 0.00 | 24.46 1.78 0.00 | 25.75 2.07 0.00 | 27.72 2.10 -0.02 | 32.17 2.40 -1.25 | 30.51 2.50 0.00 | 33.34 2.66 -0.01 | 33.62 2.78 0.00 | 34.75 2.99 0.00 | 34.90 3.04 -0.14 | 43.72 3.02 -8.08 | 37.11 2.93 -1.85 | 50.36 3.01 -5.25 | 39.36 2.30 0.00 | 36.55 2.23 0.00 | 32.59 1.74 0.00 | 30.17 1.64 0.00 | 27.82 1.52 0.00 |
| PPL_SHRM_GT4 24214 | 33.41 2.65 0.00 | 32.67 2.55 0.00 | 28.63 1.95 0.00 | 25.35 1.43 0.00 | 24.98 1.30 0.00 | 24.34 1.21 0.00 | 24.20 1.76 0.00 | 24.46 1.78 0.00 | 25.75 2.07 0.00 | 27.72 2.10 -0.02 | 32.17 2.40 -1.25 | 30.51 2.50 0.00 | 33.34 2.66 -0.01 | 33.62 2.78 0.00 | 34.75 2.99 0.00 | 34.90 3.04 -0.14 | 43.72 3.02 -8.08 | 37.11 2.93 -1.85 | 50.36 3.01 -5.25 | 39.36 2.30 0.00 | 36.55 2.23 0.00 | 32.59 1.74 0.00 | 30.17 1.64 0.00 | 27.82 1.52 0.00 |
| PROJECT___ORANGE 1 24174 | 30.58 -0.17 0.00 | 29.95 -0.17 0.00 | 26.51 -0.17 0.00 | 23.76 -0.16 0.00 | 23.53 -0.15 0.00 | 23.02 -0.12 0.00 | 22.31 -0.13 0.00 | 22.54 -0.14 0.00 | 23.58 -0.09 0.00 | 25.55 -0.04 0.00 | 28.57 0.04 0.00 | 28.09 0.07 0.00 | 30.72 0.05 0.00 | 30.88 0.05 0.00 | 31.78 0.02 0.00 | 31.67 -0.04 0.00 | 32.55 -0.08 0.00 | 32.27 -0.05 0.00 | 42.07 -0.03 0.00 | 37.02 -0.03 0.00 | 34.29 -0.03 0.00 | 30.92 0.06 0.00 | 28.60 0.07 0.00 | 26.41 0.11 0.00 |
| PROJECT___ORANGE 2 24166 | 30.58 -0.17 0.00 | 29.95 -0.17 0.00 | 26.51 -0.17 0.00 | 23.76 -0.16 0.00 | 23.53 -0.15 0.00 | 23.02 -0.12 0.00 | 22.31 -0.13 0.00 | 22.54 -0.14 0.00 | 23.58 -0.09 0.00 | 25.55 -0.04 0.00 | 28.57 0.04 0.00 | 28.09 0.07 0.00 | 30.72 0.05 0.00 | 30.88 0.05 0.00 | 31.78 0.02 0.00 | 31.67 -0.04 0.00 | 32.55 -0.08 0.00 | 32.27 -0.05 0.00 | 42.07 -0.03 0.00 | 37.02 -0.03 0.00 | 34.29 -0.03 0.00 | 30.92 0.06 0.00 | 28.60 0.07 0.00 | 26.41 0.11 0.00 |
| PUCKETT___SOLAR 323809 | 31.40 0.64 0.00 | 30.76 0.64 0.00 | 27.22 0.54 0.00 | 24.39 0.47 0.00 | 24.16 0.49 0.00 | 23.65 0.51 0.00 | 22.96 0.52 0.00 | 23.17 0.49 0.00 | 24.21 0.53 0.00 | 26.13 0.54 0.00 | 29.17 0.65 0.00 | 28.68 0.66 0.00 | 31.44 0.77 0.00 | 31.66 0.82 0.00 | 32.46 0.70 0.00 | 32.40 0.68 0.00 | 33.37 0.74 0.00 | 33.18 0.86 0.00 | 43.45 1.35 0.00 | 38.29 1.23 0.00 | 35.49 1.16 0.00 | 31.95 1.09 0.00 | 29.51 0.98 0.00 | 27.15 0.85 0.00 |
| PYRITES___HYD 24023 | 30.69 -0.07 0.00 | 29.95 -0.16 0.00 | 26.58 -0.10 0.00 | 23.76 -0.17 0.00 | 23.50 -0.17 0.00 | 22.96 -0.18 0.00 | 22.25 -0.19 0.00 | 22.48 -0.21 0.00 | 23.39 -0.29 0.00 | 25.24 -0.35 0.00 | 27.97 -0.56 0.00 | 27.30 -0.71 0.00 | 29.86 -0.80 0.00 | 30.05 -0.78 0.00 | 30.99 -0.77 0.00 | 31.22 -0.50 0.00 | 32.35 -0.27 0.00 | 32.12 -0.20 0.00 | 42.00 -0.09 0.00 | 37.16 0.10 0.00 | 34.55 0.22 0.00 | 31.12 0.26 0.00 | 28.68 0.14 0.00 | 26.29 -0.01 0.00 |

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| QUAKERRD_115KV_BK1 80622 | 30.02 -0.74 0.00 | 29.41 -0.71 0.00 | 26.09 -0.60 0.00 | 23.36 -0.56 0.00 | 23.16 -0.52 0.00 | 22.70 -0.44 0.00 | 21.97 -0.47 0.00 | 22.15 -0.53 0.00 | 23.28 -0.40 0.00 | 25.38 -0.21 0.00 | 28.60 0.07 0.00 | 28.30 0.28 0.00 | 31.08 0.41 0.00 | 31.17 0.34 0.00 | 31.99 0.23 0.00 | 31.88 0.16 0.00 | 32.71 0.09 0.00 | 32.48 0.15 0.00 | 42.27 0.17 0.00 | 37.25 0.19 0.00 | 34.41 0.09 0.00 | 31.21 0.36 0.00 | 28.99 0.45 0.00 | 26.76 0.46 0.00 |
| QUEENSBRY_115KV_TB8 356137 | 32.43 1.68 0.00 | 31.79 1.68 0.00 | 27.89 1.21 0.00 | 25.10 1.18 0.00 | 24.79 1.12 0.00 | 24.19 1.06 0.00 | 23.48 1.03 0.00 | 23.84 1.15 0.00 | 24.90 1.22 0.00 | 26.79 1.19 0.00 | 30.02 1.22 -0.27 | 29.21 1.20 0.00 | 32.10 1.45 0.02 | 32.22 1.38 0.00 | 33.19 1.43 0.00 | 33.05 1.34 0.00 | 34.08 1.46 0.00 | 33.93 1.60 0.00 | 44.35 2.25 0.00 | 39.09 2.03 0.00 | 36.28 1.96 0.00 | 32.35 1.50 0.00 | 29.82 1.28 0.00 | 27.40 1.11 0.00 |
| RAMAPO___LBMP 323565 | 32.29 1.53 0.00 | 31.55 1.43 0.00 | 27.85 1.16 0.00 | 24.93 1.01 0.00 | 24.63 0.95 0.00 | 24.05 0.91 0.00 | 23.40 0.96 0.00 | 23.71 1.03 0.00 | 24.85 1.17 0.00 | 26.89 1.30 0.00 | 28.47 1.53 1.59 | 29.72 1.71 0.00 | 32.65 1.97 -0.01 | 32.85 2.02 0.00 | 33.87 2.11 0.00 | 33.74 2.03 0.00 | 34.54 1.92 0.00 | 34.09 1.77 0.00 | 44.23 2.14 0.00 | 38.76 1.70 0.00 | 35.91 1.59 0.00 | 32.16 1.30 0.00 | 29.72 1.19 0.00 | 27.30 1.00 0.00 |
| RANKINE____ 23646 | 30.77 0.02 0.00 | 30.25 0.14 0.00 | 26.90 0.21 0.00 | 24.09 0.16 0.00 | 23.91 0.24 0.00 | 23.49 0.35 0.00 | 22.68 0.24 0.00 | 22.78 0.10 0.00 | 23.87 0.19 0.00 | 25.97 0.38 0.00 | 29.31 0.79 0.00 | 28.84 0.82 0.00 | 31.68 1.02 0.00 | 31.71 0.88 0.00 | 32.47 0.71 0.00 | 32.31 0.60 0.00 | 33.04 0.42 0.00 | 32.79 0.47 0.00 | 42.53 0.43 0.00 | 37.49 0.43 0.00 | 34.66 0.34 0.00 | 31.72 0.87 0.00 | 29.62 1.09 0.00 | 27.38 1.08 0.00 |
| RAVENSWOOD_GT2_1 24244 | 32.84 2.09 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.00 -1.23 | 30.21 2.19 0.00 | 33.18 2.50 -0.01 | 33.38 2.55 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.01 2.38 0.00 | 34.45 2.13 0.00 | 44.61 2.52 0.00 | 39.09 2.03 0.00 | 36.24 1.92 0.00 | 32.48 1.63 0.00 | 30.05 1.52 0.00 | 27.64 1.34 0.00 |
| RAVENSWOOD_GT2_2 24245 | 32.84 2.09 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.00 -1.23 | 30.21 2.19 0.00 | 33.18 2.50 -0.01 | 33.38 2.55 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.01 2.38 0.00 | 34.45 2.13 0.00 | 44.61 2.52 0.00 | 39.09 2.03 0.00 | 36.24 1.92 0.00 | 32.48 1.63 0.00 | 30.05 1.52 0.00 | 27.64 1.34 0.00 |
| RAVENSWOOD_GT2_3 24246 | 32.86 2.11 0.00 | 32.11 1.99 0.00 | 28.24 1.56 0.00 | 25.26 1.34 0.00 | 24.96 1.28 0.00 | 24.37 1.23 0.00 | 23.74 1.29 0.00 | 24.06 1.38 0.00 | 25.24 1.56 0.00 | 27.33 1.74 0.00 | 31.77 2.02 -1.23 | 30.22 2.20 0.00 | 33.20 2.51 -0.01 | 33.41 2.57 0.00 | 34.42 2.66 0.00 | 34.29 2.58 0.00 | 35.04 2.42 0.00 | 34.47 2.15 0.00 | 44.64 2.54 0.00 | 39.11 2.06 0.00 | 36.25 1.93 0.00 | 32.50 1.65 0.00 | 30.07 1.54 0.00 | 27.65 1.36 0.00 |
| RAVENSWOOD_GT2_4 24247 | 32.86 2.11 0.00 | 32.11 1.99 0.00 | 28.24 1.56 0.00 | 25.26 1.34 0.00 | 24.96 1.28 0.00 | 24.37 1.23 0.00 | 23.74 1.29 0.00 | 24.06 1.38 0.00 | 25.24 1.56 0.00 | 27.33 1.74 0.00 | 31.77 2.02 -1.23 | 30.22 2.20 0.00 | 33.20 2.51 -0.01 | 33.41 2.57 0.00 | 34.42 2.66 0.00 | 34.29 2.58 0.00 | 35.04 2.42 0.00 | 34.47 2.15 0.00 | 44.64 2.54 0.00 | 39.11 2.06 0.00 | 36.25 1.93 0.00 | 32.50 1.65 0.00 | 30.07 1.54 0.00 | 27.65 1.36 0.00 |
| RAVENSWOOD_GT3_1 24248 | 32.84 2.08 0.00 | 32.08 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.00 -1.23 | 30.21 2.19 0.00 | 33.17 2.50 -0.01 | 33.38 2.55 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.01 2.38 0.00 | 34.44 2.12 0.00 | 44.62 2.52 0.00 | 39.09 2.03 0.00 | 36.24 1.92 0.00 | 32.48 1.63 0.00 | 30.05 1.52 0.00 | 27.64 1.34 0.00 |
| RAVENSWOOD_GT3_2 24249 | 32.84 2.08 0.00 | 32.08 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.00 -1.23 | 30.21 2.19 0.00 | 33.17 2.50 -0.01 | 33.38 2.55 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.01 2.38 0.00 | 34.44 2.12 0.00 | 44.62 2.52 0.00 | 39.09 2.03 0.00 | 36.24 1.92 0.00 | 32.48 1.63 0.00 | 30.05 1.52 0.00 | 27.64 1.34 0.00 |
| RAVENSWOOD_GT3_3 24250 | 32.90 2.15 0.00 | 32.14 2.03 0.00 | 28.27 1.58 0.00 | 25.29 1.37 0.00 | 24.98 1.31 0.00 | 24.40 1.26 0.00 | 23.76 1.32 0.00 | 24.10 1.41 0.00 | 25.27 1.59 0.00 | 27.36 1.77 0.00 | 31.82 2.06 -1.23 | 30.27 2.25 0.00 | 33.25 2.57 -0.01 | 33.46 2.62 0.00 | 34.47 2.71 0.00 | 34.34 2.63 0.00 | 35.09 2.47 0.00 | 34.52 2.20 0.00 | 44.71 2.61 0.00 | 39.17 2.11 0.00 | 36.32 1.99 0.00 | 32.55 1.70 0.00 | 30.11 1.58 0.00 | 27.69 1.40 0.00 |
| RAVENSWOOD_GT3_4 24251 | 32.90 2.15 0.00 | 32.14 2.03 0.00 | 28.27 1.58 0.00 | 25.29 1.37 0.00 | 24.98 1.31 0.00 | 24.40 1.26 0.00 | 23.76 1.32 0.00 | 24.10 1.41 0.00 | 25.27 1.59 0.00 | 27.36 1.77 0.00 | 31.82 2.06 -1.23 | 30.27 2.25 0.00 | 33.25 2.57 -0.01 | 33.46 2.62 0.00 | 34.47 2.71 0.00 | 34.34 2.63 0.00 | 35.09 2.47 0.00 | 34.52 2.20 0.00 | 44.71 2.61 0.00 | 39.17 2.11 0.00 | 36.32 1.99 0.00 | 32.55 1.70 0.00 | 30.11 1.58 0.00 | 27.69 1.40 0.00 |
| RAVENSWOOD_GT_1 23729 | 33.29 2.11 -0.43 | 32.24 2.02 -0.11 | 28.26 1.58 0.00 | 25.28 1.36 0.00 | 24.96 1.29 0.00 | 24.37 1.23 0.00 | 23.74 1.29 0.00 | 24.07 1.38 0.00 | 25.24 1.56 0.00 | 27.34 1.75 0.00 | 31.81 2.05 -1.23 | 30.26 2.24 0.00 | 33.24 2.55 -0.01 | 33.43 2.60 0.00 | 34.46 2.70 0.00 | 34.32 2.61 0.00 | 35.01 2.39 0.00 | 34.44 2.12 0.00 | 44.56 2.47 0.00 | 39.06 2.00 0.00 | 36.23 1.91 0.00 | 32.48 1.63 0.00 | 30.05 1.52 0.00 | 27.67 1.37 0.00 |
| RAVENSWOOD_GT_10 24258 | 32.84 2.08 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.00 -1.23 | 30.21 2.19 0.00 | 33.17 2.50 -0.01 | 33.38 2.55 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.01 2.39 0.00 | 34.45 2.13 0.00 | 44.62 2.52 0.00 | 39.09 2.04 0.00 | 36.25 1.92 0.00 | 32.49 1.64 0.00 | 30.06 1.53 0.00 | 27.64 1.34 0.00 |
| RAVENSWOOD_GT_11 24259 | 32.84 2.09 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.24 1.32 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.01 -1.23 | 30.21 2.19 0.00 | 33.18 2.50 -0.01 | 33.38 2.55 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 35.01 2.39 0.00 | 34.45 2.13 0.00 | 44.62 2.52 0.00 | 39.09 2.04 0.00 | 36.24 1.92 0.00 | 32.49 1.63 0.00 | 30.06 1.52 0.00 | 27.64 1.34 0.00 |

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| RAVENSWOOD_GT_4 24252 | 33.18 2.10 -0.33 | 32.17 1.98 -0.08 | 28.22 1.54 0.00 | 25.26 1.33 0.00 | 24.95 1.28 0.00 | 24.36 1.22 0.00 | 23.73 1.29 0.00 | 24.05 1.37 0.00 | 25.23 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.01 -1.23 | 30.21 2.19 0.00 | 33.18 2.50 -0.01 | 33.39 2.56 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.03 2.41 0.00 | 34.47 2.15 0.00 | 44.65 2.56 0.00 | 39.12 2.07 0.00 | 36.26 1.94 0.00 | 32.50 1.65 0.00 | 30.07 1.54 0.00 | 27.64 1.35 0.00 |
| RAVENSWOOD_GT_5 24254 | 33.18 2.10 -0.33 | 32.17 1.98 -0.08 | 28.22 1.54 0.00 | 25.26 1.33 0.00 | 24.95 1.28 0.00 | 24.36 1.22 0.00 | 23.73 1.29 0.00 | 24.05 1.37 0.00 | 25.23 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.01 -1.23 | 30.21 2.19 0.00 | 33.18 2.50 -0.01 | 33.39 2.56 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.03 2.41 0.00 | 34.47 2.15 0.00 | 44.65 2.56 0.00 | 39.12 2.07 0.00 | 36.26 1.94 0.00 | 32.50 1.65 0.00 | 30.07 1.54 0.00 | 27.64 1.35 0.00 |
| RAVENSWOOD_GT_6 24253 | 33.18 2.10 -0.33 | 32.17 1.98 -0.08 | 28.22 1.54 0.00 | 25.26 1.33 0.00 | 24.95 1.28 0.00 | 24.36 1.22 0.00 | 23.73 1.29 0.00 | 24.05 1.37 0.00 | 25.23 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.01 -1.23 | 30.21 2.19 0.00 | 33.18 2.50 -0.01 | 33.39 2.56 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.03 2.41 0.00 | 34.47 2.15 0.00 | 44.65 2.56 0.00 | 39.12 2.07 0.00 | 36.26 1.94 0.00 | 32.50 1.65 0.00 | 30.07 1.54 0.00 | 27.64 1.35 0.00 |
| RAVENSWOOD_GT_7 24255 | 33.18 2.10 -0.33 | 32.17 1.98 -0.08 | 28.22 1.54 0.00 | 25.26 1.33 0.00 | 24.95 1.28 0.00 | 24.36 1.22 0.00 | 23.73 1.29 0.00 | 24.05 1.37 0.00 | 25.23 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.01 -1.23 | 30.21 2.19 0.00 | 33.18 2.50 -0.01 | 33.39 2.56 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.03 2.41 0.00 | 34.47 2.15 0.00 | 44.65 2.56 0.00 | 39.12 2.07 0.00 | 36.26 1.94 0.00 | 32.50 1.65 0.00 | 30.07 1.54 0.00 | 27.64 1.35 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 32.84 2.08 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.00 -1.23 | 30.21 2.19 0.00 | 33.17 2.50 -0.01 | 33.38 2.55 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.01 2.39 0.00 | 34.45 2.13 0.00 | 44.62 2.52 0.00 | 39.09 2.04 0.00 | 36.25 1.92 0.00 | 32.49 1.64 0.00 | 30.06 1.53 0.00 | 27.64 1.34 0.00 |
| RAVENSWOOD_GT_9 24257 | 32.84 2.08 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.25 1.32 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.00 -1.23 | 30.21 2.19 0.00 | 33.17 2.50 -0.01 | 33.38 2.55 0.00 | 34.40 2.63 0.00 | 34.26 2.55 0.00 | 35.01 2.39 0.00 | 34.45 2.13 0.00 | 44.62 2.52 0.00 | 39.09 2.04 0.00 | 36.25 1.92 0.00 | 32.49 1.64 0.00 | 30.06 1.53 0.00 | 27.64 1.34 0.00 |
| RAVENSWOOD___1 23533 | 32.84 2.09 0.00 | 32.11 2.00 0.00 | 28.24 1.56 0.00 | 25.26 1.34 0.00 | 24.95 1.28 0.00 | 24.36 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.23 1.55 0.00 | 27.32 1.73 0.00 | 31.78 2.02 -1.23 | 30.24 2.22 0.00 | 33.21 2.53 -0.01 | 33.41 2.57 0.00 | 34.44 2.68 0.00 | 34.29 2.58 0.00 | 34.99 2.37 0.00 | 34.42 2.10 0.00 | 44.53 2.44 0.00 | 39.03 1.98 0.00 | 36.20 1.88 0.00 | 32.46 1.61 0.00 | 30.03 1.50 0.00 | 27.65 1.35 0.00 |
| RAVENSWOOD___2 23534 | 32.77 2.02 0.00 | 32.05 1.93 0.00 | 28.18 1.50 0.00 | 25.21 1.29 0.00 | 24.89 1.22 0.00 | 24.31 1.17 0.00 | 23.67 1.23 0.00 | 24.00 1.32 0.00 | 25.17 1.49 0.00 | 27.26 1.67 0.00 | 31.71 1.96 -1.23 | 30.17 2.16 0.00 | 33.14 2.46 -0.01 | 33.33 2.50 0.00 | 34.37 2.61 0.00 | 34.21 2.50 0.00 | 34.78 2.15 0.00 | 34.13 1.81 0.00 | 44.17 2.07 0.00 | 38.71 1.66 0.00 | 35.90 1.58 0.00 | 32.18 1.33 0.00 | 29.80 1.27 0.00 | 27.55 1.26 0.00 |
| RAVENSWOOD___3 23535 | 32.84 2.09 0.00 | 32.09 1.97 0.00 | 28.22 1.54 0.00 | 25.24 1.32 0.00 | 24.94 1.27 0.00 | 24.35 1.22 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.01 -1.23 | 30.21 2.19 0.00 | 33.18 2.50 -0.01 | 33.38 2.55 0.00 | 34.40 2.64 0.00 | 34.26 2.55 0.00 | 35.01 2.39 0.00 | 34.44 2.12 0.00 | 44.62 2.52 0.00 | 39.09 2.03 0.00 | 36.24 1.92 0.00 | 32.48 1.63 0.00 | 30.05 1.52 0.00 | 27.64 1.34 0.00 |
| RAVENSWOOD___4 23820 | 32.40 2.07 0.42 | 31.99 1.98 0.11 | 28.23 1.55 0.00 | 25.24 1.32 0.00 | 24.94 1.26 0.00 | 24.34 1.20 0.00 | 23.71 1.27 0.00 | 24.04 1.35 0.00 | 25.21 1.53 0.00 | 27.31 1.71 0.00 | 31.76 2.00 -1.23 | 30.22 2.20 0.00 | 33.19 2.51 -0.01 | 33.39 2.55 0.00 | 34.42 2.66 0.00 | 34.27 2.56 0.00 | 34.97 2.35 0.00 | 34.39 2.07 0.00 | 44.51 2.41 0.00 | 39.01 1.96 0.00 | 36.18 1.85 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.63 1.33 0.00 |
| RCPI_TRUST___DRP 24196 | 32.84 2.08 0.00 | 32.08 1.96 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.94 1.27 0.00 | 24.33 1.19 0.00 | 23.71 1.27 0.00 | 24.03 1.35 0.00 | 25.21 1.52 0.00 | 27.30 1.71 0.00 | 31.77 2.01 -1.23 | 30.22 2.20 0.00 | 33.20 2.51 -0.01 | 33.42 2.59 0.00 | 34.41 2.65 0.00 | 34.28 2.56 0.00 | 35.01 2.39 0.00 | 34.44 2.11 0.00 | 44.60 2.50 0.00 | 39.08 2.02 0.00 | 36.22 1.90 0.00 | 32.46 1.61 0.00 | 30.03 1.50 0.00 | 27.62 1.33 0.00 |
| RED___ROCHESTER 323720 | 31.00 0.25 0.00 | 30.36 0.25 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.90 0.23 0.00 | 23.44 0.30 0.00 | 22.66 0.21 0.00 | 22.83 0.15 0.00 | 23.95 0.27 0.00 | 26.07 0.48 0.00 | 29.41 0.88 0.00 | 29.05 1.04 0.00 | 31.96 1.29 0.00 | 32.06 1.23 0.00 | 32.89 1.13 0.00 | 32.73 1.02 0.00 | 33.61 0.99 0.00 | 33.38 1.06 0.00 | 43.41 1.32 0.00 | 38.28 1.22 0.00 | 35.35 1.02 0.00 | 32.11 1.26 0.00 | 29.83 1.30 0.00 | 27.52 1.22 0.00 |
| REGAN___SOLAR 323812 | 34.37 3.62 0.00 | 33.52 3.40 0.00 | 29.64 2.96 0.00 | 26.51 2.59 0.00 | 26.19 2.52 0.00 | 25.66 2.52 0.00 | 24.72 2.27 0.00 | 24.66 1.97 0.00 | 25.42 1.74 0.00 | 27.70 2.11 0.00 | 31.15 2.41 -0.22 | 30.12 2.11 0.00 | 33.20 2.54 0.01 | 33.46 2.62 0.00 | 33.86 2.09 0.00 | 33.98 2.26 0.00 | 35.07 2.45 0.00 | 35.28 2.96 0.00 | 47.06 4.96 0.00 | 42.20 5.15 0.00 | 39.10 4.78 0.00 | 35.05 4.19 0.00 | 32.28 3.75 0.00 | 29.58 3.28 0.00 |
| RENSSELAER___COGEN 23796 | 31.31 0.56 0.00 | 30.74 0.63 0.00 | 27.11 0.43 0.00 | 24.41 0.49 0.00 | 24.13 0.46 0.00 | 23.57 0.44 0.00 | 22.87 0.43 0.00 | 23.13 0.44 0.00 | 24.16 0.47 0.00 | 26.00 0.40 0.00 | 29.27 0.46 -0.28 | 28.52 0.50 0.00 | 31.27 0.61 0.01 | 31.44 0.61 0.00 | 32.43 0.67 0.00 | 32.28 0.57 0.00 | 33.19 0.56 0.00 | 32.84 0.52 0.00 | 42.76 0.67 0.00 | 37.64 0.59 0.00 | 34.85 0.53 0.00 | 31.19 0.34 0.00 | 28.79 0.26 0.00 | 26.49 0.20 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 34.23 3.47 0.00 | 33.53 3.42 0.00 | 29.25 2.57 0.00 | 26.41 2.49 0.00 | 26.02 2.35 0.00 | 25.47 2.33 0.00 | 24.69 2.24 0.00 | 25.18 2.50 0.00 | 26.32 2.64 0.00 | 28.15 2.57 0.00 | 31.53 2.73 -0.27 | 30.63 2.62 0.00 | 33.77 3.12 0.02 | 33.79 2.96 0.00 | 34.80 3.04 0.00 | 34.84 3.13 0.00 | 36.00 3.38 0.00 | 35.90 3.58 0.00 | 46.86 4.76 0.00 | 41.25 4.19 0.00 | 38.45 4.13 0.00 | 34.23 3.38 0.00 | 31.37 2.84 0.00 | 28.75 2.45 0.00 |

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| REVERE_CPPR_DRP 24186 | 31.80 1.04 0.00 | 31.08 0.97 0.00 | 27.44 0.75 0.00 | 24.57 0.65 0.00 | 24.26 0.58 0.00 | 23.70 0.56 0.00 | 22.97 0.53 0.00 | 23.18 0.50 0.00 | 24.26 0.58 0.00 | 26.21 0.62 0.00 | 29.15 0.63 0.00 | 28.60 0.59 0.00 | 31.27 0.60 0.00 | 31.54 0.70 0.00 | 32.54 0.77 0.00 | 32.53 0.82 0.00 | 33.51 0.89 0.00 | 33.36 1.03 0.00 | 43.73 1.63 0.00 | 38.65 1.59 0.00 | 35.80 1.48 0.00 | 32.14 1.29 0.00 | 29.62 1.09 0.00 | 27.25 0.96 0.00 |
| REYNOLDS_115KV_TB3 80639 | 31.50 0.74 0.00 | 30.96 0.85 0.00 | 27.30 0.62 0.00 | 24.61 0.69 0.00 | 24.32 0.64 0.00 | 23.76 0.62 0.00 | 23.03 0.59 0.00 | 23.30 0.61 0.00 | 24.33 0.65 0.00 | 26.16 0.57 0.00 | 29.45 0.63 -0.29 | 28.67 0.66 0.00 | 31.44 0.79 0.02 | 31.61 0.78 0.00 | 32.60 0.84 0.00 | 32.43 0.72 0.00 | 33.34 0.72 0.00 | 32.99 0.67 0.00 | 42.95 0.86 0.00 | 37.82 0.77 0.00 | 35.02 0.70 0.00 | 31.33 0.48 0.00 | 28.93 0.40 0.00 | 26.64 0.34 0.00 |
| RIVERBAY____ 323610 | 32.98 2.22 0.00 | 32.29 2.17 0.00 | 28.41 1.72 0.00 | 25.39 1.47 0.00 | 25.08 1.41 0.00 | 24.50 1.36 0.00 | 23.74 1.30 0.00 | 24.12 1.43 0.00 | 25.29 1.61 0.00 | 27.32 1.73 0.00 | 31.77 2.01 -1.23 | 30.22 2.20 0.00 | 33.19 2.51 -0.01 | 33.40 2.56 0.00 | 34.47 2.71 0.00 | 34.35 2.64 0.00 | 35.11 2.48 0.00 | 34.61 2.28 0.00 | 44.88 2.79 0.00 | 39.36 2.31 0.00 | 36.49 2.17 0.00 | 32.72 1.87 0.00 | 30.20 1.67 0.00 | 27.81 1.51 0.00 |
| RIVERSDE_115KV_TB3 55908 | 31.45 0.69 0.00 | 30.88 0.77 0.00 | 27.23 0.54 0.00 | 24.53 0.61 0.00 | 24.24 0.57 0.00 | 23.69 0.55 0.00 | 22.97 0.53 0.00 | 23.23 0.55 0.00 | 24.27 0.59 0.00 | 26.11 0.52 0.00 | 29.39 0.58 -0.29 | 28.64 0.62 0.00 | 31.41 0.75 0.02 | 31.59 0.75 0.00 | 32.57 0.81 0.00 | 32.41 0.70 0.00 | 33.33 0.71 0.00 | 32.99 0.67 0.00 | 42.95 0.85 0.00 | 37.80 0.74 0.00 | 34.99 0.67 0.00 | 31.31 0.46 0.00 | 28.90 0.37 0.00 | 26.60 0.30 0.00 |
| ROARING__BROOK_WT_PWR 323790 | 30.65 -0.11 0.00 | 29.98 -0.13 0.00 | 26.53 -0.16 0.00 | 23.68 -0.24 0.00 | 23.21 -0.46 0.00 | 22.61 -0.52 0.00 | 21.84 -0.60 0.00 | 22.21 -0.47 0.00 | 23.35 -0.33 0.00 | 25.08 -0.51 0.00 | 27.76 -0.77 0.00 | 27.12 -0.90 0.00 | 29.71 -0.96 0.00 | 30.06 -0.78 0.00 | 31.15 -0.61 0.00 | 31.16 -0.55 0.00 | 32.15 -0.47 0.00 | 32.07 -0.25 0.00 | 42.00 -0.09 0.00 | 37.09 0.04 0.00 | 34.28 -0.05 0.00 | 30.70 -0.15 0.00 | 28.35 -0.18 0.00 | 26.16 -0.14 0.00 |
| ROCHESRG_115KV_T4 355643 | 30.65 -0.10 0.00 | 30.04 -0.07 0.00 | 26.66 -0.03 0.00 | 23.87 -0.05 0.00 | 23.67 0.00 0.00 | 23.22 0.08 0.00 | 22.45 0.00 0.00 | 22.61 -0.08 0.00 | 23.70 0.02 0.00 | 25.77 0.18 0.00 | 29.05 0.52 0.00 | 28.65 0.63 0.00 | 31.46 0.79 0.00 | 31.55 0.72 0.00 | 32.35 0.58 0.00 | 32.20 0.49 0.00 | 33.03 0.40 0.00 | 32.78 0.46 0.00 | 42.62 0.53 0.00 | 37.57 0.52 0.00 | 34.73 0.40 0.00 | 31.58 0.73 0.00 | 29.37 0.83 0.00 | 27.12 0.82 0.00 |
| ROCHESTER_9_IC 23652 | 30.85 0.09 0.00 | 30.21 0.10 0.00 | 26.81 0.12 0.00 | 24.01 0.08 0.00 | 23.80 0.13 0.00 | 23.34 0.21 0.00 | 22.57 0.12 0.00 | 22.73 0.05 0.00 | 23.83 0.15 0.00 | 25.93 0.34 0.00 | 29.24 0.72 0.00 | 28.86 0.84 0.00 | 31.72 1.05 0.00 | 31.81 0.98 0.00 | 32.62 0.86 0.00 | 32.47 0.75 0.00 | 33.33 0.70 0.00 | 33.09 0.77 0.00 | 43.04 0.94 0.00 | 37.93 0.87 0.00 | 35.04 0.72 0.00 | 31.86 1.01 0.00 | 29.62 1.09 0.00 | 27.33 1.03 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 32.91 2.15 0.00 | 32.14 2.02 0.00 | 28.24 1.56 0.00 | 25.27 1.35 0.00 | 24.96 1.28 0.00 | 24.37 1.23 0.00 | 23.72 1.28 0.00 | 24.05 1.37 0.00 | 25.22 1.54 0.00 | 27.30 1.71 0.00 | 31.76 2.01 -1.23 | 30.20 2.19 0.00 | 33.18 2.50 -0.01 | 33.40 2.56 0.00 | 34.42 2.66 0.00 | 34.29 2.58 0.00 | 35.08 2.46 0.00 | 34.57 2.25 0.00 | 44.81 2.71 0.00 | 39.24 2.19 0.00 | 36.37 2.04 0.00 | 32.59 1.74 0.00 | 30.12 1.59 0.00 | 27.68 1.39 0.00 |
| ROME_____115KV_TB2 80656 | 31.80 1.04 0.00 | 31.08 0.97 0.00 | 27.44 0.75 0.00 | 24.57 0.65 0.00 | 24.26 0.58 0.00 | 23.70 0.56 0.00 | 22.97 0.53 0.00 | 23.18 0.50 0.00 | 24.26 0.58 0.00 | 26.21 0.62 0.00 | 29.15 0.63 0.00 | 28.60 0.59 0.00 | 31.27 0.60 0.00 | 31.54 0.70 0.00 | 32.54 0.77 0.00 | 32.53 0.82 0.00 | 33.51 0.89 0.00 | 33.36 1.03 0.00 | 43.73 1.63 0.00 | 38.65 1.59 0.00 | 35.80 1.48 0.00 | 32.14 1.29 0.00 | 29.62 1.09 0.00 | 27.25 0.96 0.00 |
| ROSETON__1 23587 | 32.26 1.50 0.00 | 31.55 1.43 0.00 | 27.80 1.11 0.00 | 24.91 0.99 0.00 | 24.62 0.94 0.00 | 24.04 0.90 0.00 | 23.38 0.94 0.00 | 23.68 1.00 0.00 | 24.80 1.12 0.00 | 26.81 1.22 0.00 | 29.94 1.42 0.00 | 29.57 1.55 0.00 | 32.47 1.79 -0.01 | 32.67 1.84 0.00 | 33.67 1.91 0.00 | 33.56 1.84 0.00 | 34.37 1.75 0.00 | 33.94 1.61 0.00 | 44.04 1.95 0.00 | 38.64 1.59 0.00 | 35.80 1.48 0.00 | 32.06 1.21 0.00 | 29.62 1.09 0.00 | 27.23 0.93 0.00 |
| ROSETON__2 23588 | 32.26 1.50 0.00 | 31.55 1.43 0.00 | 27.80 1.11 0.00 | 24.91 0.99 0.00 | 24.62 0.94 0.00 | 24.04 0.90 0.00 | 23.38 0.94 0.00 | 23.68 1.00 0.00 | 24.80 1.12 0.00 | 26.81 1.22 0.00 | 29.94 1.42 0.00 | 29.57 1.55 0.00 | 32.47 1.79 -0.01 | 32.67 1.84 0.00 | 33.67 1.91 0.00 | 33.56 1.84 0.00 | 34.37 1.75 0.00 | 33.94 1.61 0.00 | 44.04 1.95 0.00 | 38.64 1.59 0.00 | 35.80 1.48 0.00 | 32.06 1.21 0.00 | 29.62 1.09 0.00 | 27.23 0.93 0.00 |
| ROTTTRDAM_115KV_TB3 80664 | 31.91 1.15 0.00 | 31.28 1.16 0.00 | 27.59 0.91 0.00 | 24.80 0.87 0.00 | 24.53 0.85 0.00 | 23.96 0.82 0.00 | 23.25 0.81 0.00 | 23.50 0.82 0.00 | 24.56 0.88 0.00 | 26.47 0.88 0.00 | 29.76 0.97 -0.26 | 29.02 1.01 0.00 | 31.82 1.16 0.01 | 32.00 1.17 0.00 | 32.98 1.22 0.00 | 32.86 1.15 0.00 | 33.78 1.16 0.00 | 33.47 1.15 0.00 | 43.63 1.53 0.00 | 38.42 1.37 0.00 | 35.60 1.27 0.00 | 31.88 1.03 0.00 | 29.43 0.90 0.00 | 27.09 0.79 0.00 |
| RUSSELL__1 23602 | 31.01 0.25 0.00 | 30.36 0.25 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.90 0.23 0.00 | 23.44 0.30 0.00 | 22.66 0.21 0.00 | 22.83 0.15 0.00 | 23.94 0.26 0.00 | 26.07 0.48 0.00 | 29.41 0.88 0.00 | 29.05 1.04 0.00 | 31.95 1.29 0.00 | 32.06 1.23 0.00 | 32.89 1.12 0.00 | 32.74 1.02 0.00 | 33.61 0.99 0.00 | 33.38 1.06 0.00 | 43.41 1.32 0.00 | 38.28 1.22 0.00 | 35.35 1.02 0.00 | 32.11 1.26 0.00 | 29.83 1.30 0.00 | 27.52 1.22 0.00 |
| RUSSELL__2 23532 | 31.01 0.25 0.00 | 30.36 0.25 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.90 0.23 0.00 | 23.44 0.30 0.00 | 22.66 0.21 0.00 | 22.83 0.15 0.00 | 23.94 0.26 0.00 | 26.07 0.48 0.00 | 29.41 0.88 0.00 | 29.05 1.04 0.00 | 31.95 1.29 0.00 | 32.06 1.23 0.00 | 32.89 1.12 0.00 | 32.74 1.02 0.00 | 33.61 0.99 0.00 | 33.38 1.06 0.00 | 43.41 1.32 0.00 | 38.28 1.22 0.00 | 35.35 1.02 0.00 | 32.11 1.26 0.00 | 29.83 1.30 0.00 | 27.52 1.22 0.00 |
| RUSSELL__3 23549 | 31.01 0.25 0.00 | 30.36 0.25 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.90 0.23 0.00 | 23.44 0.30 0.00 | 22.66 0.21 0.00 | 22.83 0.15 0.00 | 23.94 0.26 0.00 | 26.07 0.48 0.00 | 29.41 0.88 0.00 | 29.05 1.04 0.00 | 31.95 1.29 0.00 | 32.06 1.23 0.00 | 32.89 1.12 0.00 | 32.74 1.02 0.00 | 33.61 0.99 0.00 | 33.38 1.06 0.00 | 43.41 1.32 0.00 | 38.28 1.22 0.00 | 35.35 1.02 0.00 | 32.11 1.26 0.00 | 29.83 1.30 0.00 | 27.52 1.22 0.00 |

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| RUSSELL___4 23556 | 31.01 0.25 0.00 | 30.36 0.25 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.90 0.23 0.00 | 23.44 0.30 0.00 | 22.66 0.21 0.00 | 22.83 0.15 0.00 | 23.94 0.26 0.00 | 26.07 0.48 0.00 | 29.41 0.88 0.00 | 29.05 1.04 0.00 | 31.95 1.29 0.00 | 32.06 1.23 0.00 | 32.89 1.12 0.00 | 32.74 1.02 0.00 | 33.61 0.99 0.00 | 33.38 1.06 0.00 | 43.41 1.32 0.00 | 38.28 1.22 0.00 | 35.35 1.02 0.00 | 32.11 1.26 0.00 | 29.83 1.30 0.00 | 27.52 1.22 0.00 |
| RUSSELL___STATION 23914 | 31.01 0.25 0.00 | 30.36 0.25 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.90 0.23 0.00 | 23.44 0.30 0.00 | 22.66 0.21 0.00 | 22.83 0.15 0.00 | 23.94 0.26 0.00 | 26.07 0.48 0.00 | 29.41 0.88 0.00 | 29.05 1.04 0.00 | 31.95 1.29 0.00 | 32.06 1.23 0.00 | 32.89 1.12 0.00 | 32.74 1.02 0.00 | 33.61 0.99 0.00 | 33.38 1.06 0.00 | 43.41 1.32 0.00 | 38.28 1.22 0.00 | 35.35 1.02 0.00 | 32.11 1.26 0.00 | 29.83 1.30 0.00 | 27.52 1.22 0.00 |
| S SALMON___HYD 24043 | 30.60 -0.16 0.00 | 29.91 -0.20 0.00 | 26.41 -0.27 0.00 | 23.64 -0.28 0.00 | 23.34 -0.33 0.00 | 22.77 -0.36 0.00 | 22.06 -0.38 0.00 | 22.29 -0.39 0.00 | 23.30 -0.38 0.00 | 25.16 -0.43 0.00 | 27.99 -0.53 0.00 | 27.44 -0.58 0.00 | 30.00 -0.67 0.00 | 30.28 -0.55 0.00 | 31.23 -0.53 0.00 | 31.18 -0.53 0.00 | 32.14 -0.48 0.00 | 32.03 -0.30 0.00 | 42.01 -0.09 0.00 | 37.15 0.09 0.00 | 34.42 0.10 0.00 | 30.84 -0.02 0.00 | 28.47 -0.06 0.00 | 26.28 -0.02 0.00 |
| S.PERRY___115KV_TB1 80734 | 31.70 0.94 0.00 | 31.13 1.01 0.00 | 27.64 0.96 0.00 | 24.74 0.82 0.00 | 24.51 0.84 0.00 | 24.04 0.90 0.00 | 23.22 0.78 0.00 | 23.29 0.60 0.00 | 24.19 0.51 0.00 | 26.29 0.70 0.00 | 29.55 1.02 0.00 | 29.09 1.07 0.00 | 32.01 1.34 0.00 | 32.15 1.32 0.00 | 32.92 1.16 0.00 | 32.84 1.12 0.00 | 33.68 1.06 0.00 | 33.53 1.20 0.00 | 43.65 1.56 0.00 | 38.76 1.71 0.00 | 36.28 1.96 0.00 | 33.10 2.25 0.00 | 30.70 2.17 0.00 | 28.27 1.97 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 30.53 -0.23 0.00 | 30.01 -0.10 0.00 | 26.70 0.01 0.00 | 23.92 0.00 0.00 | 23.74 0.07 0.00 | 23.33 0.19 0.00 | 22.51 0.07 0.00 | 22.60 -0.08 0.00 | 23.66 -0.02 0.00 | 25.74 0.15 0.00 | 29.08 0.55 0.00 | 28.60 0.59 0.00 | 31.41 0.74 0.00 | 31.42 0.58 0.00 | 32.14 0.38 0.00 | 31.96 0.25 0.00 | 32.67 0.04 0.00 | 32.40 0.08 0.00 | 42.00 -0.10 0.00 | 37.02 -0.03 0.00 | 34.24 -0.08 0.00 | 31.39 0.54 0.00 | 29.37 0.84 0.00 | 27.18 0.88 0.00 |
| SAWYER___23_KV_LOAD 55526 | 30.53 -0.23 0.00 | 30.01 -0.10 0.00 | 26.70 0.01 0.00 | 23.92 0.00 0.00 | 23.74 0.07 0.00 | 23.33 0.19 0.00 | 22.51 0.07 0.00 | 22.60 -0.08 0.00 | 23.66 -0.02 0.00 | 25.74 0.15 0.00 | 29.08 0.55 0.00 | 28.60 0.59 0.00 | 31.41 0.74 0.00 | 31.42 0.58 0.00 | 32.14 0.38 0.00 | 31.96 0.25 0.00 | 32.67 0.04 0.00 | 32.40 0.08 0.00 | 42.00 -0.10 0.00 | 37.02 -0.03 0.00 | 34.24 -0.08 0.00 | 31.39 0.54 0.00 | 29.37 0.84 0.00 | 27.18 0.88 0.00 |
| SELKIRK___I 23801 | 31.61 0.85 0.00 | 31.04 0.92 0.00 | 27.39 0.70 0.00 | 24.65 0.72 0.00 | 24.39 0.71 0.00 | 23.83 0.69 0.00 | 23.12 0.67 0.00 | 23.36 0.68 0.00 | 24.39 0.72 0.00 | 26.23 0.64 0.00 | 29.52 0.73 -0.26 | 28.77 0.75 0.00 | 31.54 0.88 0.01 | 31.71 0.88 0.00 | 32.69 0.93 0.00 | 32.55 0.84 0.00 | 33.48 0.85 0.00 | 33.16 0.83 0.00 | 43.18 1.09 0.00 | 38.03 0.98 0.00 | 35.22 0.90 0.00 | 31.55 0.70 0.00 | 29.12 0.59 0.00 | 26.80 0.50 0.00 |
| SELKIRK___II 23799 | 31.46 0.70 0.00 | 30.87 0.75 0.00 | 27.23 0.55 0.00 | 24.50 0.58 0.00 | 24.23 0.56 0.00 | 23.68 0.53 0.00 | 22.97 0.53 0.00 | 23.22 0.54 0.00 | 24.26 0.58 0.00 | 26.13 0.53 0.00 | 29.41 0.61 -0.28 | 28.66 0.65 0.00 | 31.42 0.76 0.01 | 31.60 0.77 0.00 | 32.58 0.82 0.00 | 32.45 0.74 0.00 | 33.34 0.72 0.00 | 33.00 0.68 0.00 | 42.97 0.87 0.00 | 37.81 0.76 0.00 | 35.02 0.70 0.00 | 31.36 0.51 0.00 | 28.95 0.42 0.00 | 26.64 0.34 0.00 |
| SENECA OSWGO___HYD 24041 | 30.40 -0.35 0.00 | 29.78 -0.34 0.00 | 26.36 -0.32 0.00 | 23.62 -0.30 0.00 | 23.39 -0.28 0.00 | 22.88 -0.26 0.00 | 22.18 -0.27 0.00 | 22.40 -0.28 0.00 | 23.42 -0.26 0.00 | 25.37 -0.22 0.00 | 28.32 -0.21 0.00 | 27.81 -0.20 0.00 | 30.39 -0.28 0.00 | 30.55 -0.28 0.00 | 31.46 -0.30 0.00 | 31.38 -0.34 0.00 | 32.23 -0.39 0.00 | 32.00 -0.32 0.00 | 41.72 -0.38 0.00 | 36.76 -0.30 0.00 | 34.05 -0.28 0.00 | 30.66 -0.20 0.00 | 28.36 -0.17 0.00 | 26.20 -0.09 0.00 |
| SENECA___115KV_TB3 355854 | 30.83 0.07 0.00 | 30.30 0.18 0.00 | 26.94 0.25 0.00 | 24.13 0.21 0.00 | 23.95 0.27 0.00 | 23.53 0.39 0.00 | 22.71 0.27 0.00 | 22.82 0.13 0.00 | 23.91 0.23 0.00 | 26.01 0.42 0.00 | 29.36 0.83 0.00 | 28.89 0.87 0.00 | 31.74 1.07 0.00 | 31.77 0.94 0.00 | 32.53 0.76 0.00 | 32.37 0.66 0.00 | 33.11 0.48 0.00 | 32.85 0.53 0.00 | 42.62 0.52 0.00 | 37.55 0.50 0.00 | 34.72 0.40 0.00 | 31.77 0.92 0.00 | 29.67 1.14 0.00 | 27.43 1.13 0.00 |
| SENECA___ENERGY 23797 | 30.65 -0.10 0.00 | 29.98 -0.13 0.00 | 26.64 -0.05 0.00 | 23.84 -0.08 0.00 | 23.63 -0.04 0.00 | 23.12 -0.02 0.00 | 22.44 -0.01 0.00 | 22.65 -0.03 0.00 | 23.73 0.06 0.00 | 25.69 0.09 0.00 | 28.74 0.22 0.00 | 28.35 0.33 0.00 | 31.08 0.41 0.00 | 31.22 0.39 0.00 | 32.12 0.35 0.00 | 32.08 0.37 0.00 | 32.94 0.32 0.00 | 32.73 0.41 0.00 | 42.64 0.54 0.00 | 37.64 0.58 0.00 | 34.86 0.54 0.00 | 31.45 0.60 0.00 | 29.07 0.54 0.00 | 26.85 0.55 0.00 |
| SHOEMAKER___GT 23640 | 32.06 1.31 0.00 | 31.35 1.23 0.00 | 27.65 0.97 0.00 | 24.77 0.85 0.00 | 24.49 0.81 0.00 | 23.92 0.78 0.00 | 23.26 0.81 0.00 | 23.55 0.86 0.00 | 24.63 0.95 0.00 | 26.62 1.03 0.00 | 28.74 1.18 0.96 | 29.32 1.30 0.00 | 32.20 1.52 -0.01 | 32.41 1.58 0.00 | 33.40 1.64 0.00 | 33.29 1.58 0.00 | 34.14 1.52 0.00 | 33.75 1.43 0.00 | 43.90 1.80 0.00 | 38.56 1.50 0.00 | 35.72 1.39 0.00 | 32.01 1.15 0.00 | 29.56 1.03 0.00 | 27.16 0.87 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 32.05 1.30 0.00 | 31.34 1.23 0.00 | 27.65 0.97 0.00 | 24.77 0.85 0.00 | 24.49 0.81 0.00 | 23.92 0.78 0.00 | 23.25 0.81 0.00 | 23.55 0.86 0.00 | 24.63 0.96 0.00 | 26.63 1.04 0.00 | 28.82 1.20 0.91 | 29.35 1.33 0.00 | 32.22 1.55 -0.01 | 32.44 1.60 0.00 | 33.43 1.67 0.00 | 33.32 1.61 0.00 | 34.16 1.54 0.00 | 33.77 1.45 0.00 | 43.90 1.81 0.00 | 38.54 1.49 0.00 | 35.71 1.38 0.00 | 31.99 1.14 0.00 | 29.55 1.02 0.00 | 27.16 0.86 0.00 |
| SHOREHAM_IC_1 23715 | 33.41 2.65 0.00 | 32.67 2.55 0.00 | 28.63 1.95 0.00 | 25.35 1.43 0.00 | 24.98 1.30 0.00 | 24.34 1.21 0.00 | 24.20 1.76 0.00 | 24.46 1.78 0.00 | 25.75 2.07 0.00 | 27.72 2.10 -0.02 | 32.17 2.40 -1.25 | 30.51 2.50 0.00 | 33.34 2.66 -0.01 | 33.62 2.78 0.00 | 34.75 2.99 0.00 | 34.90 3.04 -0.14 | 43.72 3.02 -8.08 | 37.11 2.93 -1.85 | 50.36 3.01 -5.25 | 39.36 2.30 0.00 | 36.55 2.23 0.00 | 32.59 1.74 0.00 | 30.17 1.64 0.00 | 27.82 1.52 0.00 |
| SHOREHAM_IC_2 23716 | 33.41 2.65 0.00 | 32.67 2.55 0.00 | 28.63 1.95 0.00 | 25.35 1.43 0.00 | 24.98 1.30 0.00 | 24.34 1.21 0.00 | 24.20 1.76 0.00 | 24.46 1.78 0.00 | 25.75 2.07 0.00 | 27.72 2.10 -0.02 | 32.17 2.40 -1.25 | 30.51 2.50 0.00 | 33.34 2.66 -0.01 | 33.62 2.78 0.00 | 34.75 2.99 0.00 | 34.90 3.04 -0.14 | 43.72 3.02 -8.08 | 37.11 2.93 -1.85 | 50.36 3.01 -5.25 | 39.36 2.30 0.00 | 36.55 2.23 0.00 | 32.59 1.74 0.00 | 30.17 1.64 0.00 | 27.82 1.52 0.00 |

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| SISSONVILLE____ 23735 | 30.03 -0.73 0.00 | 29.30 -0.81 0.00 | 25.98 -0.71 0.00 | 23.22 -0.70 0.00 | 22.96 -0.72 0.00 | 22.41 -0.72 0.00 | 21.72 -0.73 0.00 | 21.95 -0.73 0.00 | 22.87 -0.81 0.00 | 24.70 -0.89 0.00 | 27.37 -1.16 0.00 | 26.69 -1.33 0.00 | 29.19 -1.47 0.00 | 29.37 -1.47 0.00 | 30.30 -1.46 0.00 | 30.50 -1.21 0.00 | 31.62 -1.00 0.00 | 31.40 -0.92 0.00 | 41.07 -1.03 0.00 | 36.28 -0.77 0.00 | 33.69 -0.63 0.00 | 30.32 -0.53 0.00 | 27.97 -0.56 0.00 | 25.68 -0.61 0.00 |
| SITHE_IND_GS1 24169 | 29.93 -0.82 0.00 | 29.32 -0.80 0.00 | 25.96 -0.72 0.00 | 23.28 -0.65 0.00 | 23.04 -0.64 0.00 | 22.53 -0.61 0.00 | 21.84 -0.60 0.00 | 22.08 -0.61 0.00 | 23.08 -0.60 0.00 | 24.97 -0.62 0.00 | 27.89 -0.64 0.00 | 27.38 -0.64 0.00 | 29.88 -0.79 0.00 | 30.04 -0.79 0.00 | 30.93 -0.83 0.00 | 30.86 -0.85 0.00 | 31.71 -0.91 0.00 | 31.46 -0.86 0.00 | 40.98 -1.12 0.00 | 36.09 -0.97 0.00 | 33.42 -0.90 0.00 | 30.09 -0.76 0.00 | 27.86 -0.67 0.00 | 25.79 -0.51 0.00 |
| SITHE_IND_GS2 24170 | 29.93 -0.82 0.00 | 29.32 -0.80 0.00 | 25.96 -0.72 0.00 | 23.28 -0.65 0.00 | 23.04 -0.64 0.00 | 22.53 -0.61 0.00 | 21.84 -0.60 0.00 | 22.08 -0.61 0.00 | 23.08 -0.60 0.00 | 24.97 -0.62 0.00 | 27.89 -0.64 0.00 | 27.38 -0.64 0.00 | 29.88 -0.79 0.00 | 30.04 -0.79 0.00 | 30.93 -0.83 0.00 | 30.86 -0.85 0.00 | 31.71 -0.91 0.00 | 31.46 -0.86 0.00 | 40.98 -1.12 0.00 | 36.09 -0.97 0.00 | 33.42 -0.90 0.00 | 30.09 -0.76 0.00 | 27.86 -0.67 0.00 | 25.79 -0.51 0.00 |
| SITHE_IND_GS3 24171 | 29.93 -0.82 0.00 | 29.32 -0.80 0.00 | 25.96 -0.72 0.00 | 23.28 -0.65 0.00 | 23.04 -0.64 0.00 | 22.53 -0.61 0.00 | 21.84 -0.60 0.00 | 22.08 -0.61 0.00 | 23.08 -0.60 0.00 | 24.97 -0.62 0.00 | 27.89 -0.64 0.00 | 27.38 -0.64 0.00 | 29.88 -0.79 0.00 | 30.04 -0.79 0.00 | 30.93 -0.83 0.00 | 30.86 -0.85 0.00 | 31.71 -0.91 0.00 | 31.46 -0.86 0.00 | 40.98 -1.12 0.00 | 36.09 -0.97 0.00 | 33.42 -0.90 0.00 | 30.09 -0.76 0.00 | 27.86 -0.67 0.00 | 25.79 -0.51 0.00 |
| SITHE_IND_GS4 24172 | 29.93 -0.82 0.00 | 29.32 -0.80 0.00 | 25.96 -0.72 0.00 | 23.28 -0.65 0.00 | 23.04 -0.64 0.00 | 22.53 -0.61 0.00 | 21.84 -0.60 0.00 | 22.08 -0.61 0.00 | 23.08 -0.60 0.00 | 24.97 -0.62 0.00 | 27.89 -0.64 0.00 | 27.38 -0.64 0.00 | 29.88 -0.79 0.00 | 30.04 -0.79 0.00 | 30.93 -0.83 0.00 | 30.86 -0.85 0.00 | 31.71 -0.91 0.00 | 31.46 -0.86 0.00 | 40.98 -1.12 0.00 | 36.09 -0.97 0.00 | 33.42 -0.90 0.00 | 30.09 -0.76 0.00 | 27.86 -0.67 0.00 | 25.79 -0.51 0.00 |
| SITHE____BATAVIA 24024 | 31.30 0.55 0.00 | 30.69 0.57 0.00 | 27.26 0.58 0.00 | 24.39 0.47 0.00 | 24.20 0.52 0.00 | 23.78 0.64 0.00 | 22.95 0.51 0.00 | 23.05 0.37 0.00 | 24.13 0.45 0.00 | 26.18 0.58 0.00 | 29.54 1.01 0.00 | 29.11 1.09 0.00 | 32.02 1.35 0.00 | 32.12 1.29 0.00 | 32.94 1.18 0.00 | 32.72 1.00 0.00 | 33.50 0.88 0.00 | 33.36 1.04 0.00 | 43.35 1.26 0.00 | 38.38 1.33 0.00 | 35.52 1.20 0.00 | 32.46 1.60 0.00 | 30.21 1.68 0.00 | 27.89 1.59 0.00 |
| SITHE____INDEPEND 23800 | 29.93 -0.82 0.00 | 29.32 -0.80 0.00 | 25.96 -0.72 0.00 | 23.28 -0.65 0.00 | 23.04 -0.64 0.00 | 22.53 -0.61 0.00 | 21.84 -0.60 0.00 | 22.07 -0.61 0.00 | 23.08 -0.60 0.00 | 24.97 -0.62 0.00 | 27.89 -0.64 0.00 | 27.38 -0.63 0.00 | 29.88 -0.78 0.00 | 30.04 -0.79 0.00 | 30.93 -0.83 0.00 | 30.86 -0.85 0.00 | 31.71 -0.91 0.00 | 31.45 -0.87 0.00 | 40.98 -1.12 0.00 | 36.09 -0.97 0.00 | 33.42 -0.90 0.00 | 30.09 -0.76 0.00 | 27.87 -0.67 0.00 | 25.79 -0.51 0.00 |
| SITHE____MASSENA 23902 | 30.60 -0.16 0.00 | 29.93 -0.19 0.00 | 26.59 -0.10 0.00 | 23.80 -0.13 0.00 | 23.56 -0.12 0.00 | 23.02 -0.12 0.00 | 22.31 -0.13 0.00 | 22.55 -0.14 0.00 | 23.48 -0.20 0.00 | 25.37 -0.22 0.00 | 28.16 -0.36 0.00 | 27.53 -0.49 0.00 | 30.12 -0.55 0.00 | 30.25 -0.58 0.00 | 31.17 -0.59 0.00 | 31.30 -0.41 0.00 | 32.35 -0.27 0.00 | 32.05 -0.27 0.00 | 41.78 -0.31 0.00 | 36.82 -0.23 0.00 | 34.14 -0.18 0.00 | 30.74 -0.11 0.00 | 28.43 -0.10 0.00 | 26.13 -0.16 0.00 |
| SITHE____OGDNSBRG 24021 | 30.81 0.05 0.00 | 30.08 -0.04 0.00 | 26.72 0.04 0.00 | 23.89 -0.03 0.00 | 23.65 -0.02 0.00 | 23.10 -0.04 0.00 | 22.39 -0.05 0.00 | 22.61 -0.07 0.00 | 23.51 -0.17 0.00 | 25.38 -0.21 0.00 | 28.14 -0.39 0.00 | 27.48 -0.54 0.00 | 30.06 -0.61 0.00 | 30.23 -0.61 0.00 | 31.15 -0.61 0.00 | 31.35 -0.37 0.00 | 32.47 -0.16 0.00 | 32.21 -0.11 0.00 | 42.06 -0.04 0.00 | 37.19 0.13 0.00 | 34.58 0.26 0.00 | 31.15 0.30 0.00 | 28.73 0.20 0.00 | 26.36 0.06 0.00 |
| SITHE____STERLING 23777 | 31.53 0.77 0.00 | 30.83 0.72 0.00 | 27.25 0.57 0.00 | 24.41 0.49 0.00 | 24.12 0.45 0.00 | 23.58 0.44 0.00 | 22.86 0.42 0.00 | 23.08 0.39 0.00 | 24.13 0.45 0.00 | 26.10 0.51 0.00 | 29.09 0.56 0.00 | 28.57 0.55 0.00 | 31.24 0.58 0.00 | 31.47 0.64 0.00 | 32.45 0.69 0.00 | 32.41 0.70 0.00 | 33.36 0.74 0.00 | 33.15 0.82 0.00 | 43.34 1.25 0.00 | 38.27 1.21 0.00 | 35.48 1.15 0.00 | 31.88 1.03 0.00 | 29.42 0.88 0.00 | 27.07 0.78 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 31.36 0.61 0.00 | 30.61 0.50 0.00 | 27.17 0.48 0.00 | 24.29 0.37 0.00 | 24.11 0.44 0.00 | 23.56 0.42 0.00 | 22.87 0.43 0.00 | 23.10 0.41 0.00 | 24.26 0.58 0.00 | 26.27 0.68 0.00 | 29.51 0.99 0.00 | 29.09 1.08 0.00 | 31.93 1.27 0.00 | 32.03 1.20 0.00 | 32.95 1.19 0.00 | 32.97 1.26 0.00 | 33.90 1.28 0.00 | 33.68 1.36 0.00 | 43.80 1.70 0.00 | 38.60 1.54 0.00 | 35.77 1.45 0.00 | 32.29 1.44 0.00 | 29.74 1.21 0.00 | 27.43 1.13 0.00 |
| SOUTH CAIRO____GT 23612 | 32.58 1.82 0.00 | 31.96 1.84 0.00 | 28.10 1.41 0.00 | 25.32 1.39 0.00 | 25.03 1.36 0.00 | 24.46 1.33 0.00 | 23.73 1.29 0.00 | 23.98 1.29 0.00 | 25.02 1.34 0.00 | 26.73 1.14 0.00 | 30.07 1.33 -0.21 | 29.33 1.32 0.00 | 32.13 1.46 0.01 | 32.25 1.42 0.00 | 33.33 1.57 0.00 | 33.22 1.50 0.00 | 34.21 1.59 0.00 | 34.09 1.77 0.00 | 44.65 2.55 0.00 | 39.55 2.49 0.00 | 36.67 2.35 0.00 | 32.79 1.94 0.00 | 30.14 1.61 0.00 | 27.62 1.33 0.00 |
| SOUTH HAMPTN____IC 23720 | 34.12 3.37 0.00 | 33.32 3.21 0.00 | 29.19 2.51 0.00 | 25.84 1.91 0.00 | 25.45 1.78 0.00 | 24.81 1.67 0.00 | 24.61 2.17 0.00 | 24.92 2.24 0.00 | 26.30 2.62 0.00 | 28.41 2.80 -0.02 | 33.00 3.23 -1.25 | 31.35 3.33 0.00 | 34.26 3.58 -0.01 | 34.56 3.73 0.00 | 35.76 4.00 0.00 | 35.92 4.07 -0.14 | 44.60 4.09 -7.89 | 38.17 3.99 -1.86 | 51.76 4.35 -5.31 | 40.49 3.44 0.00 | 37.59 3.26 0.00 | 33.47 2.62 0.00 | 30.93 2.40 0.00 | 28.50 2.21 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 31.52 0.76 0.00 | 30.98 0.87 0.00 | 27.55 0.86 0.00 | 24.66 0.74 0.00 | 24.46 0.79 0.00 | 24.04 0.90 0.00 | 23.29 0.84 0.00 | 23.47 0.79 0.00 | 24.64 0.97 0.00 | 26.88 1.29 0.00 | 30.18 1.65 0.00 | 29.69 1.68 0.00 | 32.67 2.01 0.00 | 32.84 2.00 0.00 | 33.65 1.89 0.00 | 33.46 1.75 0.00 | 34.22 1.59 0.00 | 33.96 1.64 0.00 | 44.15 2.05 0.00 | 38.83 1.77 0.00 | 35.90 1.58 0.00 | 32.67 1.82 0.00 | 30.42 1.88 0.00 | 28.01 1.71 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 34.93 4.17 0.00 | 34.06 3.94 0.00 | 29.82 3.13 0.00 | 26.37 2.44 0.00 | 25.97 2.29 0.00 | 25.31 2.17 0.00 | 25.10 2.66 0.00 | 25.45 2.77 0.00 | 26.93 3.25 0.00 | 29.16 3.55 -0.02 | 33.89 4.12 -1.25 | 32.24 4.22 0.00 | 35.20 4.52 -0.01 | 35.52 4.69 0.00 | 36.80 5.04 0.00 | 37.04 5.19 -0.14 | 45.71 5.19 -7.89 | 39.26 5.08 -1.86 | 53.20 5.79 -5.32 | 41.66 4.61 0.00 | 38.73 4.41 0.00 | 34.46 3.60 0.00 | 31.76 3.23 0.00 | 29.28 2.98 0.00 |

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| SOUTHOLD___IC 23719 | 34.93 4.17 0.00 | 34.06 3.94 0.00 | 29.81 3.13 0.00 | 26.37 2.44 0.00 | 25.97 2.29 0.00 | 25.31 2.17 0.00 | 25.10 2.66 0.00 | 25.45 2.77 0.00 | 26.93 3.25 0.00 | 29.16 3.55 -0.02 | 33.89 4.12 -1.25 | 32.23 4.22 0.00 | 35.20 4.51 -0.01 | 35.52 4.69 0.00 | 36.80 5.04 0.00 | 37.04 5.19 -0.14 | 45.72 5.20 -7.89 | 39.26 5.08 -1.86 | 53.20 5.78 -5.32 | 41.66 4.60 0.00 | 38.74 4.42 0.00 | 34.45 3.60 0.00 | 31.76 3.23 0.00 | 29.28 2.98 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 32.17 1.41 0.00 | 31.54 1.43 0.00 | 27.69 1.00 0.00 | 24.91 0.99 0.00 | 24.60 0.93 0.00 | 24.00 0.87 0.00 | 23.30 0.85 0.00 | 23.64 0.96 0.00 | 24.70 1.02 0.00 | 26.58 0.99 0.00 | 29.79 0.99 -0.27 | 29.00 0.98 0.00 | 31.84 1.19 0.02 | 31.96 1.13 0.00 | 32.92 1.16 0.00 | 32.78 1.07 0.00 | 33.78 1.16 0.00 | 33.61 1.28 0.00 | 43.96 1.87 0.00 | 38.74 1.68 0.00 | 35.94 1.62 0.00 | 32.08 1.23 0.00 | 29.58 1.05 0.00 | 27.20 0.90 0.00 |
| ST LAWRENCE____ 23600 | 30.32 -0.43 0.00 | 29.66 -0.46 0.00 | 26.36 -0.32 0.00 | 23.61 -0.32 0.00 | 23.37 -0.31 0.00 | 22.83 -0.30 0.00 | 22.14 -0.31 0.00 | 22.37 -0.31 0.00 | 23.29 -0.39 0.00 | 25.18 -0.41 0.00 | 27.96 -0.56 0.00 | 27.34 -0.67 0.00 | 29.92 -0.74 0.00 | 30.04 -0.80 0.00 | 30.95 -0.81 0.00 | 31.05 -0.66 0.00 | 32.08 -0.54 0.00 | 31.78 -0.54 0.00 | 41.40 -0.70 0.00 | 36.47 -0.59 0.00 | 33.80 -0.52 0.00 | 30.43 -0.42 0.00 | 28.14 -0.39 0.00 | 25.88 -0.42 0.00 |
| STATE_CA_115KV_115_LB 55624 | 31.50 0.75 0.00 | 30.92 0.81 0.00 | 27.27 0.59 0.00 | 24.54 0.62 0.00 | 24.26 0.59 0.00 | 23.71 0.57 0.00 | 22.99 0.55 0.00 | 23.25 0.57 0.00 | 24.31 0.63 0.00 | 26.19 0.60 0.00 | 29.46 0.65 -0.28 | 28.72 0.70 0.00 | 31.50 0.84 0.01 | 31.69 0.85 0.00 | 32.67 0.91 0.00 | 32.53 0.82 0.00 | 33.46 0.83 0.00 | 33.13 0.81 0.00 | 43.12 1.02 0.00 | 37.94 0.88 0.00 | 35.12 0.80 0.00 | 31.42 0.57 0.00 | 28.99 0.46 0.00 | 26.67 0.37 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 31.18 0.42 0.00 | 30.39 0.27 0.00 | 26.99 0.31 0.00 | 24.12 0.20 0.00 | 23.94 0.27 0.00 | 23.37 0.24 0.00 | 22.73 0.28 0.00 | 22.97 0.28 0.00 | 24.06 0.38 0.00 | 25.93 0.34 0.00 | 29.04 0.51 0.00 | 28.58 0.56 0.00 | 31.30 0.64 0.00 | 31.38 0.54 0.00 | 32.27 0.51 0.00 | 32.31 0.60 0.00 | 33.23 0.60 0.00 | 33.06 0.73 0.00 | 42.90 0.80 0.00 | 37.92 0.86 0.00 | 35.13 0.81 0.00 | 31.69 0.84 0.00 | 29.16 0.62 0.00 | 26.98 0.69 0.00 |
| STATION 5_MISC_HYD 23604 | 30.84 0.09 0.00 | 30.22 0.10 0.00 | 26.81 0.12 0.00 | 24.01 0.08 0.00 | 23.80 0.13 0.00 | 23.35 0.21 0.00 | 22.57 0.12 0.00 | 22.73 0.05 0.00 | 23.85 0.17 0.00 | 25.94 0.34 0.00 | 29.24 0.71 0.00 | 28.85 0.84 0.00 | 31.72 1.05 0.00 | 31.82 0.99 0.00 | 32.63 0.86 0.00 | 32.46 0.75 0.00 | 33.33 0.70 0.00 | 33.09 0.77 0.00 | 43.03 0.93 0.00 | 37.93 0.88 0.00 | 35.04 0.72 0.00 | 31.86 1.01 0.00 | 29.61 1.08 0.00 | 27.32 1.03 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 30.93 0.17 0.00 | 30.28 0.16 0.00 | 26.86 0.17 0.00 | 24.05 0.13 0.00 | 23.84 0.16 0.00 | 23.35 0.22 0.00 | 22.61 0.17 0.00 | 22.82 0.14 0.00 | 23.96 0.28 0.00 | 26.04 0.45 0.00 | 29.26 0.74 0.00 | 28.89 0.87 0.00 | 31.72 1.06 0.00 | 31.86 1.03 0.00 | 32.71 0.95 0.00 | 32.61 0.90 0.00 | 33.49 0.87 0.00 | 33.29 0.97 0.00 | 43.35 1.25 0.00 | 38.22 1.16 0.00 | 35.32 1.00 0.00 | 31.97 1.12 0.00 | 29.62 1.09 0.00 | 27.31 1.02 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 30.66 -0.09 0.00 | 30.03 -0.08 0.00 | 26.64 -0.05 0.00 | 23.85 -0.07 0.00 | 23.64 -0.03 0.00 | 23.19 0.05 0.00 | 22.42 -0.02 0.00 | 22.59 -0.09 0.00 | 23.72 0.04 0.00 | 25.84 0.25 0.00 | 29.13 0.60 0.00 | 28.78 0.77 0.00 | 31.64 0.98 0.00 | 31.75 0.91 0.00 | 32.56 0.80 0.00 | 32.42 0.71 0.00 | 33.28 0.66 0.00 | 33.05 0.73 0.00 | 42.99 0.89 0.00 | 37.89 0.83 0.00 | 34.99 0.66 0.00 | 31.77 0.92 0.00 | 29.52 0.99 0.00 | 27.24 0.94 0.00 |
| STA_56___34_KV_BUS2 355983 | 30.66 -0.09 0.00 | 30.03 -0.08 0.00 | 26.64 -0.05 0.00 | 23.85 -0.07 0.00 | 23.64 -0.03 0.00 | 23.19 0.05 0.00 | 22.42 -0.02 0.00 | 22.59 -0.09 0.00 | 23.72 0.04 0.00 | 25.84 0.25 0.00 | 29.13 0.60 0.00 | 28.78 0.77 0.00 | 31.64 0.98 0.00 | 31.75 0.91 0.00 | 32.56 0.80 0.00 | 32.42 0.71 0.00 | 33.28 0.66 0.00 | 33.05 0.73 0.00 | 42.99 0.89 0.00 | 37.89 0.83 0.00 | 34.99 0.66 0.00 | 31.77 0.92 0.00 | 29.52 0.99 0.00 | 27.24 0.94 0.00 |
| STA_67___115KV_BK2 355882 | 30.77 0.01 0.00 | 30.15 0.04 0.00 | 26.75 0.07 0.00 | 23.96 0.03 0.00 | 23.76 0.08 0.00 | 23.30 0.16 0.00 | 22.52 0.08 0.00 | 22.68 0.00 0.00 | 23.78 0.10 0.00 | 25.87 0.28 0.00 | 29.17 0.64 0.00 | 28.77 0.75 0.00 | 31.62 0.95 0.00 | 31.71 0.88 0.00 | 32.52 0.75 0.00 | 32.36 0.65 0.00 | 33.21 0.58 0.00 | 32.97 0.65 0.00 | 42.87 0.77 0.00 | 37.79 0.74 0.00 | 34.93 0.60 0.00 | 31.76 0.90 0.00 | 29.52 0.99 0.00 | 27.25 0.95 0.00 |
| STA_7___115KV_9TRANS 80674 | 31.01 0.25 0.00 | 30.36 0.25 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.90 0.23 0.00 | 23.44 0.30 0.00 | 22.66 0.21 0.00 | 22.83 0.15 0.00 | 23.94 0.26 0.00 | 26.07 0.48 0.00 | 29.41 0.88 0.00 | 29.05 1.04 0.00 | 31.95 1.29 0.00 | 32.06 1.23 0.00 | 32.89 1.12 0.00 | 32.74 1.02 0.00 | 33.61 0.99 0.00 | 33.38 1.06 0.00 | 43.41 1.32 0.00 | 38.28 1.22 0.00 | 35.35 1.02 0.00 | 32.11 1.26 0.00 | 29.83 1.30 0.00 | 27.52 1.22 0.00 |
| STA_82___115KV_TB1 80780 | 30.79 0.03 0.00 | 30.17 0.06 0.00 | 26.77 0.08 0.00 | 23.97 0.04 0.00 | 23.76 0.08 0.00 | 23.31 0.17 0.00 | 22.53 0.09 0.00 | 22.70 0.01 0.00 | 23.80 0.12 0.00 | 25.89 0.30 0.00 | 29.18 0.65 0.00 | 28.79 0.77 0.00 | 31.64 0.97 0.00 | 31.73 0.90 0.00 | 32.53 0.77 0.00 | 32.38 0.67 0.00 | 33.22 0.60 0.00 | 32.99 0.67 0.00 | 42.89 0.80 0.00 | 37.82 0.76 0.00 | 34.95 0.63 0.00 | 31.78 0.92 0.00 | 29.54 1.00 0.00 | 27.27 0.97 0.00 |
| STEEL___WIND 323596 | 30.81 0.05 0.00 | 30.28 0.17 0.00 | 26.93 0.24 0.00 | 24.11 0.19 0.00 | 23.94 0.26 0.00 | 23.51 0.37 0.00 | 22.70 0.26 0.00 | 22.81 0.12 0.00 | 23.90 0.22 0.00 | 25.98 0.38 0.00 | 29.32 0.79 0.00 | 28.84 0.82 0.00 | 31.68 1.01 0.00 | 31.70 0.87 0.00 | 32.48 0.72 0.00 | 32.31 0.60 0.00 | 33.04 0.42 0.00 | 32.80 0.48 0.00 | 42.55 0.45 0.00 | 37.51 0.46 0.00 | 34.68 0.36 0.00 | 31.74 0.89 0.00 | 29.63 1.10 0.00 | 27.39 1.10 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 31.65 0.90 0.00 | 30.99 0.88 0.00 | 27.32 0.63 0.00 | 24.57 0.64 0.00 | 24.30 0.63 0.00 | 23.75 0.61 0.00 | 23.05 0.61 0.00 | 23.36 0.68 0.00 | 24.40 0.72 0.00 | 26.28 0.69 0.00 | 29.61 0.80 -0.28 | 28.86 0.84 0.00 | 31.68 1.03 0.01 | 31.91 1.08 0.00 | 32.89 1.12 0.00 | 32.77 1.06 0.00 | 33.71 1.09 0.00 | 33.43 1.10 0.00 | 43.47 1.38 0.00 | 38.21 1.15 0.00 | 35.33 1.01 0.00 | 31.64 0.79 0.00 | 29.15 0.62 0.00 | 26.80 0.51 0.00 |
| STEUBEN_REC_LFGE 323667 | 30.93 0.17 0.00 | 30.61 0.50 0.00 | 27.35 0.66 0.00 | 24.50 0.58 0.00 | 24.24 0.57 0.00 | 23.72 0.58 0.00 | 22.87 0.42 0.00 | 22.96 0.27 0.00 | 24.14 0.46 0.00 | 26.29 0.70 0.00 | 29.32 0.79 0.00 | 28.81 0.79 0.00 | 31.73 1.06 0.00 | 31.86 1.03 0.00 | 32.73 0.97 0.00 | 32.71 1.00 0.00 | 33.43 0.81 0.00 | 33.31 0.99 0.00 | 43.59 1.49 0.00 | 38.52 1.47 0.00 | 35.77 1.45 0.00 | 32.47 1.62 0.00 | 30.13 1.60 0.00 | 27.75 1.45 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|
| STONY___BROOK 24151 | 33.64 2.88 0.00 | 32.90 2.79 0.00 | 28.84 2.16 0.00 | 25.57 1.65 0.00 | 25.21 1.54 0.00 | 24.57 1.43 0.00 | 24.21 1.77 0.00 | 24.52 1.84 0.00 | 25.84 2.16 0.00 | 27.95 2.34 -0.02 | 32.48 2.71 -1.25 | 30.83 2.81 0.00 | 33.69 3.01 -0.01 | 33.94 3.11 0.00 | 35.05 3.29 0.00 | 35.19 3.31 -0.18 | 44.79 3.19 -8.98 | 37.03 2.98 -1.73 | 49.67 3.05 -4.52 | 39.42 2.37 0.00 | 36.76 2.43 0.00 | 32.80 1.94 0.00 | 30.39 1.86 0.00 | 28.01 1.71 0.00 |
| STURGEON_POOL_HYD 23609 | 32.42 1.66 0.00 | 31.66 1.54 0.00 | 27.87 1.19 0.00 | 24.95 1.03 0.00 | 24.67 0.99 0.00 | 24.08 0.94 0.00 | 23.43 0.99 0.00 | 23.76 1.07 0.00 | 24.90 1.22 0.00 | 26.95 1.36 0.00 | 30.10 1.57 0.00 | 29.78 1.76 0.00 | 32.70 2.03 0.00 | 32.94 2.11 0.00 | 33.97 2.21 0.00 | 33.89 2.18 0.00 | 34.69 2.06 0.00 | 34.24 1.92 0.00 | 44.39 2.29 0.00 | 38.90 1.84 0.00 | 36.02 1.69 0.00 | 32.23 1.38 0.00 | 29.78 1.25 0.00 | 27.34 1.04 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 32.23 1.47 0.00 | 31.50 1.38 0.00 | 27.80 1.11 0.00 | 24.89 0.96 0.00 | 24.59 0.91 0.00 | 24.02 0.88 0.00 | 23.36 0.92 0.00 | 23.67 0.98 0.00 | 24.79 1.11 0.00 | 26.82 1.23 0.00 | 28.83 1.44 1.13 | 29.61 1.59 0.00 | 32.51 1.83 -0.01 | 32.73 1.90 0.00 | 33.74 1.98 0.00 | 33.63 1.92 0.00 | 34.46 1.84 0.00 | 34.03 1.71 0.00 | 44.19 2.09 0.00 | 38.75 1.69 0.00 | 35.88 1.56 0.00 | 32.13 1.28 0.00 | 29.68 1.15 0.00 | 27.27 0.98 0.00 |
| SWANROAD_115KV_TB1 355699 | 30.01 -0.75 0.00 | 29.49 -0.62 0.00 | 26.25 -0.43 0.00 | 23.51 -0.41 0.00 | 23.34 -0.33 0.00 | 22.96 -0.18 0.00 | 22.12 -0.33 0.00 | 22.19 -0.50 0.00 | 23.21 -0.47 0.00 | 25.22 -0.37 0.00 | 28.51 -0.01 0.00 | 28.04 0.03 0.00 | 30.77 0.10 0.00 | 30.74 -0.09 0.00 | 31.44 -0.32 0.00 | 31.27 -0.44 0.00 | 31.94 -0.68 0.00 | 31.68 -0.64 0.00 | 40.99 -1.10 0.00 | 36.22 -0.84 0.00 | 33.53 -0.79 0.00 | 30.81 -0.04 0.00 | 28.84 0.31 0.00 | 26.74 0.44 0.00 |
| SYNERGY___BIOGAS 323694 | 31.30 0.55 0.00 | 30.69 0.57 0.00 | 27.26 0.58 0.00 | 24.39 0.47 0.00 | 24.20 0.52 0.00 | 23.78 0.64 0.00 | 22.95 0.51 0.00 | 23.05 0.37 0.00 | 24.13 0.45 0.00 | 26.18 0.58 0.00 | 29.54 1.01 0.00 | 29.11 1.09 0.00 | 32.02 1.35 0.00 | 32.12 1.29 0.00 | 32.94 1.18 0.00 | 32.72 1.00 0.00 | 33.50 0.88 0.00 | 33.36 1.04 0.00 | 43.35 1.26 0.00 | 38.38 1.33 0.00 | 35.52 1.20 0.00 | 32.46 1.60 0.00 | 30.21 1.68 0.00 | 27.89 1.59 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 30.74 -0.02 0.00 | 30.08 -0.03 0.00 | 26.64 -0.04 0.00 | 23.87 -0.05 0.00 | 23.64 -0.03 0.00 | 23.12 -0.02 0.00 | 22.42 -0.02 0.00 | 22.66 -0.02 0.00 | 23.71 0.03 0.00 | 25.66 0.07 0.00 | 28.67 0.15 0.00 | 28.19 0.17 0.00 | 30.84 0.17 0.00 | 31.00 0.17 0.00 | 31.92 0.15 0.00 | 31.86 0.15 0.00 | 32.75 0.13 0.00 | 32.50 0.18 0.00 | 42.34 0.25 0.00 | 37.30 0.25 0.00 | 34.52 0.20 0.00 | 31.10 0.24 0.00 | 28.73 0.20 0.00 | 26.53 0.23 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 30.74 -0.02 0.00 | 30.08 -0.03 0.00 | 26.64 -0.04 0.00 | 23.87 -0.05 0.00 | 23.64 -0.03 0.00 | 23.12 -0.02 0.00 | 22.42 -0.02 0.00 | 22.66 -0.02 0.00 | 23.71 0.03 0.00 | 25.66 0.07 0.00 | 28.67 0.15 0.00 | 28.19 0.17 0.00 | 30.84 0.17 0.00 | 31.00 0.17 0.00 | 31.92 0.15 0.00 | 31.86 0.15 0.00 | 32.75 0.13 0.00 | 32.50 0.18 0.00 | 42.34 0.25 0.00 | 37.30 0.25 0.00 | 34.52 0.20 0.00 | 31.10 0.24 0.00 | 28.73 0.20 0.00 | 26.53 0.23 0.00 |
| SYRACUSE___POWER 24017 | 30.72 -0.04 0.00 | 30.08 -0.04 0.00 | 26.62 -0.07 0.00 | 23.86 -0.06 0.00 | 23.62 -0.05 0.00 | 23.11 -0.03 0.00 | 22.40 -0.04 0.00 | 22.64 -0.05 0.00 | 23.68 0.00 0.00 | 25.65 0.06 0.00 | 28.66 0.13 0.00 | 28.17 0.16 0.00 | 30.82 0.15 0.00 | 31.00 0.16 0.00 | 31.91 0.14 0.00 | 31.81 0.10 0.00 | 32.71 0.08 0.00 | 32.44 0.12 0.00 | 42.29 0.19 0.00 | 37.23 0.18 0.00 | 34.48 0.16 0.00 | 31.08 0.22 0.00 | 28.73 0.20 0.00 | 26.51 0.22 0.00 |
| TALLMAN__138KV_BK151 55660 | 32.41 1.66 0.00 | 31.67 1.55 0.00 | 27.95 1.27 0.00 | 25.01 1.09 0.00 | 24.70 1.02 0.00 | 24.12 0.98 0.00 | 23.47 1.03 0.00 | 23.78 1.10 0.00 | 24.93 1.25 0.00 | 27.00 1.41 0.00 | 28.63 1.66 1.55 | 29.86 1.85 0.00 | 32.81 2.13 -0.01 | 33.02 2.19 0.00 | 34.05 2.29 0.00 | 33.92 2.21 0.00 | 34.72 2.10 0.00 | 34.26 1.94 0.00 | 44.44 2.35 0.00 | 38.91 1.86 0.00 | 36.05 1.73 0.00 | 32.28 1.43 0.00 | 29.83 1.29 0.00 | 27.40 1.10 0.00 |
| TEALLAVE_115KV_TB7 355573 | 30.57 -0.19 0.00 | 29.94 -0.18 0.00 | 26.50 -0.19 0.00 | 23.75 -0.17 0.00 | 23.51 -0.16 0.00 | 23.00 -0.14 0.00 | 22.30 -0.15 0.00 | 22.53 -0.15 0.00 | 23.57 -0.11 0.00 | 25.53 -0.06 0.00 | 28.54 0.02 0.00 | 28.06 0.05 0.00 | 30.69 0.02 0.00 | 30.86 0.03 0.00 | 31.75 -0.01 0.00 | 31.64 -0.07 0.00 | 32.51 -0.11 0.00 | 32.24 -0.08 0.00 | 42.03 -0.07 0.00 | 37.00 -0.06 0.00 | 34.27 -0.05 0.00 | 30.90 0.04 0.00 | 28.58 0.05 0.00 | 26.39 0.09 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 30.73 -0.03 0.00 | 30.17 0.05 0.00 | 26.82 0.13 0.00 | 24.02 0.09 0.00 | 23.84 0.16 0.00 | 23.43 0.29 0.00 | 22.59 0.15 0.00 | 22.69 0.00 0.00 | 23.75 0.07 0.00 | 25.83 0.24 0.00 | 29.18 0.66 0.00 | 28.73 0.71 0.00 | 31.56 0.89 0.00 | 31.58 0.75 0.00 | 32.33 0.57 0.00 | 32.15 0.44 0.00 | 32.89 0.27 0.00 | 32.67 0.35 0.00 | 42.35 0.25 0.00 | 37.40 0.34 0.00 | 34.60 0.27 0.00 | 31.69 0.84 0.00 | 29.60 1.07 0.00 | 27.37 1.08 0.00 |
| TEMPLE___115KV_TB 2 55572 | 30.58 -0.17 0.00 | 29.95 -0.17 0.00 | 26.51 -0.17 0.00 | 23.76 -0.16 0.00 | 23.53 -0.15 0.00 | 23.02 -0.12 0.00 | 22.31 -0.13 0.00 | 22.54 -0.14 0.00 | 23.58 -0.09 0.00 | 25.55 -0.04 0.00 | 28.57 0.04 0.00 | 28.09 0.07 0.00 | 30.72 0.05 0.00 | 30.88 0.05 0.00 | 31.78 0.02 0.00 | 31.67 -0.04 0.00 | 32.55 -0.08 0.00 | 32.27 -0.05 0.00 | 42.07 -0.03 0.00 | 37.02 -0.03 0.00 | 34.29 -0.03 0.00 | 30.92 0.06 0.00 | 28.60 0.07 0.00 | 26.41 0.11 0.00 |
| TIANA____69_KV_BK 1 55817 | 33.95 3.19 0.00 | 33.16 3.05 0.00 | 29.06 2.37 0.00 | 25.72 1.79 0.00 | 25.34 1.67 0.00 | 24.70 1.56 0.00 | 24.50 2.06 0.00 | 24.79 2.11 0.00 | 26.16 2.48 0.00 | 28.24 2.62 -0.02 | 32.79 3.02 -1.25 | 31.14 3.12 0.00 | 34.04 3.36 -0.01 | 34.34 3.51 0.00 | 35.52 3.76 0.00 | 35.67 3.82 -0.14 | 44.36 3.84 -7.89 | 37.92 3.74 -1.86 | 51.46 4.04 -5.32 | 40.22 3.16 0.00 | 37.34 3.02 0.00 | 33.26 2.41 0.00 | 30.76 2.22 0.00 | 28.34 2.04 0.00 |
| TILDEN___115KV_TB1 80814 | 30.72 -0.04 0.00 | 30.08 -0.04 0.00 | 26.62 -0.07 0.00 | 23.86 -0.06 0.00 | 23.62 -0.05 0.00 | 23.11 -0.03 0.00 | 22.40 -0.04 0.00 | 22.64 -0.05 0.00 | 23.68 0.00 0.00 | 25.65 0.06 0.00 | 28.66 0.13 0.00 | 28.17 0.16 0.00 | 30.82 0.15 0.00 | 31.00 0.16 0.00 | 31.91 0.14 0.00 | 31.81 0.10 0.00 | 32.71 0.08 0.00 | 32.44 0.12 0.00 | 42.29 0.19 0.00 | 37.23 0.18 0.00 | 34.48 0.16 0.00 | 31.08 0.22 0.00 | 28.73 0.20 0.00 | 26.51 0.22 0.00 |
| TRIGEN___CC 323695 | 33.13 2.38 0.00 | 32.41 2.29 0.00 | 28.44 1.76 0.00 | 25.33 1.41 0.00 | 25.01 1.33 0.00 | 24.39 1.24 0.00 | 23.84 1.39 0.00 | 24.16 1.47 0.00 | 25.39 1.71 0.00 | 27.51 1.90 -0.02 | 31.98 2.21 -1.25 | 30.35 2.33 0.00 | 33.21 2.53 -0.01 | 33.42 2.59 0.00 | 34.47 2.71 0.00 | 34.35 2.64 0.00 | 35.18 2.56 0.00 | 34.69 2.37 0.00 | 44.67 2.57 0.00 | 39.07 2.02 0.00 | 36.25 1.93 0.00 | 32.44 1.59 0.00 | 30.02 1.49 0.00 | 27.65 1.36 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TRINITY__115KV__4 BK 55933 | 31.36 0.60 0.00 | 30.80 0.68 0.00 | 27.15 0.47 0.00 | 24.45 0.53 0.00 | 24.17 0.50 0.00 | 23.62 0.48 0.00 | 22.90 0.46 0.00 | 23.16 0.48 0.00 | 24.20 0.52 0.00 | 26.04 0.45 0.00 | 29.31 0.50 -0.28 | 28.56 0.54 0.00 | 31.32 0.67 0.01 | 31.50 0.67 0.00 | 32.48 0.72 0.00 | 32.34 0.62 0.00 | 33.25 0.62 0.00 | 32.91 0.58 0.00 | 42.84 0.74 0.00 | 37.71 0.65 0.00 | 34.91 0.59 0.00 | 31.24 0.39 0.00 | 28.84 0.31 0.00 | 26.53 0.24 0.00 |
| UNION__PROCESSING_DRP 323587 | 30.80 0.04 0.00 | 30.18 0.07 0.00 | 26.78 0.09 0.00 | 23.98 0.05 0.00 | 23.78 0.10 0.00 | 23.32 0.18 0.00 | 22.54 0.10 0.00 | 22.71 0.02 0.00 | 23.80 0.12 0.00 | 25.90 0.30 0.00 | 29.19 0.67 0.00 | 28.80 0.78 0.00 | 31.65 0.98 0.00 | 31.75 0.91 0.00 | 32.55 0.78 0.00 | 32.39 0.68 0.00 | 33.24 0.62 0.00 | 33.00 0.68 0.00 | 42.91 0.81 0.00 | 37.83 0.78 0.00 | 34.96 0.64 0.00 | 31.79 0.94 0.00 | 29.56 1.03 0.00 | 27.28 0.98 0.00 |
| UPPER HUDSON__HYD 24058 | 32.17 1.41 0.00 | 31.55 1.43 0.00 | 27.68 1.00 0.00 | 24.90 0.98 0.00 | 24.60 0.93 0.00 | 24.00 0.87 0.00 | 23.29 0.85 0.00 | 23.64 0.96 0.00 | 24.69 1.01 0.00 | 26.58 0.99 0.00 | 29.79 0.99 -0.27 | 29.00 0.98 0.00 | 31.84 1.19 0.02 | 31.96 1.13 0.00 | 32.92 1.16 0.00 | 32.78 1.07 0.00 | 33.78 1.16 0.00 | 33.61 1.29 0.00 | 43.96 1.87 0.00 | 38.74 1.68 0.00 | 35.94 1.62 0.00 | 32.08 1.23 0.00 | 29.58 1.05 0.00 | 27.20 0.90 0.00 |
| UPPER RAQUET__HYD 24056 | 30.03 -0.72 0.00 | 29.30 -0.81 0.00 | 25.98 -0.71 0.00 | 23.22 -0.70 0.00 | 22.96 -0.72 0.00 | 22.41 -0.73 0.00 | 21.71 -0.73 0.00 | 21.95 -0.74 0.00 | 22.87 -0.81 0.00 | 24.70 -0.89 0.00 | 27.37 -1.16 0.00 | 26.69 -1.33 0.00 | 29.19 -1.47 0.00 | 29.37 -1.47 0.00 | 30.30 -1.46 0.00 | 30.50 -1.21 0.00 | 31.63 -1.00 0.00 | 31.40 -0.92 0.00 | 41.07 -1.03 0.00 | 36.28 -0.77 0.00 | 33.69 -0.63 0.00 | 30.32 -0.53 0.00 | 27.97 -0.56 0.00 | 25.68 -0.61 0.00 |
| VALLEY44_115KV_TB2 355964 | 30.73 -0.03 0.00 | 30.18 0.06 0.00 | 26.83 0.15 0.00 | 24.03 0.10 0.00 | 23.84 0.17 0.00 | 23.42 0.28 0.00 | 22.69 0.25 0.00 | 22.86 0.17 0.00 | 23.98 0.30 0.00 | 26.13 0.54 0.00 | 29.30 0.77 0.00 | 28.77 0.76 0.00 | 31.62 0.95 0.00 | 31.72 0.89 0.00 | 32.49 0.72 0.00 | 32.28 0.57 0.00 | 32.96 0.34 0.00 | 32.65 0.33 0.00 | 42.40 0.30 0.00 | 37.28 0.23 0.00 | 34.54 0.22 0.00 | 31.42 0.56 0.00 | 29.33 0.80 0.00 | 27.07 0.77 0.00 |
| VALLEY__115KV_TB 1-4 80826 | 30.73 -0.03 0.00 | 30.15 0.03 0.00 | 26.54 -0.15 0.00 | 23.83 -0.09 0.00 | 23.57 -0.10 0.00 | 23.09 -0.05 0.00 | 22.44 -0.01 0.00 | 22.64 -0.05 0.00 | 23.64 -0.04 0.00 | 25.46 -0.14 0.00 | 28.28 -0.25 0.00 | 27.74 -0.27 0.00 | 30.40 -0.27 0.00 | 30.65 -0.19 0.00 | 31.55 -0.21 0.00 | 31.47 -0.24 0.00 | 32.40 -0.22 0.00 | 32.19 -0.13 0.00 | 42.04 -0.05 0.00 | 37.14 0.09 0.00 | 34.54 0.21 0.00 | 30.94 0.08 0.00 | 28.50 -0.03 0.00 | 26.18 -0.12 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 31.91 1.15 0.00 | 31.20 1.08 0.00 | 27.55 0.86 0.00 | 24.69 0.76 0.00 | 24.45 0.78 0.00 | 23.91 0.77 0.00 | 23.22 0.78 0.00 | 23.47 0.78 0.00 | 24.57 0.89 0.00 | 26.60 1.00 0.00 | 29.70 1.18 0.00 | 29.23 1.21 0.00 | 32.03 1.36 0.00 | 32.23 1.39 0.00 | 33.19 1.43 0.00 | 33.13 1.42 0.00 | 34.04 1.42 0.00 | 33.74 1.42 0.00 | 43.98 1.88 0.00 | 38.68 1.62 0.00 | 35.79 1.47 0.00 | 32.14 1.29 0.00 | 29.68 1.15 0.00 | 27.29 0.99 0.00 |
| VISCHER__FERRY HYD 24020 | 31.84 1.08 0.00 | 31.32 1.20 0.00 | 27.60 0.91 0.00 | 24.85 0.93 0.00 | 24.56 0.88 0.00 | 23.99 0.86 0.00 | 23.26 0.82 0.00 | 23.53 0.85 0.00 | 24.58 0.90 0.00 | 26.43 0.83 0.00 | 29.71 0.90 -0.29 | 28.93 0.91 0.00 | 31.71 1.07 0.02 | 31.87 1.04 0.00 | 32.86 1.10 0.00 | 32.68 0.97 0.00 | 33.61 0.99 0.00 | 33.29 0.97 0.00 | 43.39 1.29 0.00 | 38.24 1.19 0.00 | 35.43 1.11 0.00 | 31.67 0.82 0.00 | 29.26 0.73 0.00 | 26.95 0.66 0.00 |
| V_A_10_SYNC_DSASP 323832 | 30.31 -0.45 0.00 | 29.77 -0.34 0.00 | 26.47 -0.21 0.00 | 23.72 -0.21 0.00 | 23.54 -0.13 0.00 | 23.12 -0.01 0.00 | 22.33 -0.11 0.00 | 22.44 -0.24 0.00 | 23.52 -0.16 0.00 | 25.57 -0.03 0.00 | 28.85 0.33 0.00 | 28.40 0.38 0.00 | 31.17 0.50 0.00 | 31.20 0.36 0.00 | 31.92 0.16 0.00 | 31.74 0.03 0.00 | 32.47 -0.15 0.00 | 32.20 -0.12 0.00 | 41.76 -0.34 0.00 | 36.81 -0.25 0.00 | 34.04 -0.28 0.00 | 31.13 0.28 0.00 | 29.09 0.56 0.00 | 26.92 0.62 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 30.46 -0.30 0.00 | 29.78 -0.33 0.00 | 26.48 -0.21 0.00 | 23.70 -0.22 0.00 | 23.47 -0.20 0.00 | 22.94 -0.20 0.00 | 22.24 -0.21 0.00 | 22.47 -0.21 0.00 | 23.40 -0.28 0.00 | 25.31 -0.29 0.00 | 28.10 -0.43 0.00 | 27.47 -0.54 0.00 | 30.06 -0.61 0.00 | 30.18 -0.65 0.00 | 31.08 -0.68 0.00 | 31.21 -0.50 0.00 | 32.24 -0.39 0.00 | 31.93 -0.39 0.00 | 41.60 -0.50 0.00 | 36.64 -0.42 0.00 | 33.95 -0.37 0.00 | 30.56 -0.29 0.00 | 28.27 -0.27 0.00 | 26.00 -0.29 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 31.29 0.53 0.00 | 30.29 0.17 0.00 | 26.44 -0.25 0.00 | 23.57 -0.35 0.00 | 23.30 -0.37 0.00 | 22.80 -0.34 0.00 | 22.11 -0.33 0.00 | 22.33 -0.36 0.00 | 23.32 -0.36 0.00 | 25.28 -0.31 0.00 | 28.28 -0.25 0.00 | 27.40 -0.61 0.00 | 29.99 -0.68 0.00 | 29.97 -0.86 0.00 | 30.90 -0.86 0.00 | 31.48 -0.23 0.00 | 33.14 0.52 0.00 | 32.97 0.65 0.00 | 42.97 0.87 0.00 | 37.85 0.79 0.00 | 35.20 0.87 0.00 | 31.52 0.67 0.00 | 29.18 0.65 0.00 | 26.76 0.46 0.00 |
| V_E_10_SYNC_DSASP 323830 | 32.86 2.10 0.00 | 32.17 2.06 0.00 | 28.42 1.74 0.00 | 25.42 1.50 0.00 | 25.12 1.45 0.00 | 24.67 1.53 0.00 | 23.98 1.54 0.00 | 24.19 1.51 0.00 | 25.25 1.57 0.00 | 27.06 1.47 0.00 | 30.26 1.73 0.00 | 29.65 1.63 0.00 | 32.48 1.81 0.00 | 32.55 1.72 0.00 | 33.46 1.70 0.00 | 33.45 1.73 0.00 | 34.64 2.02 0.00 | 34.86 2.54 0.00 | 45.70 3.60 0.00 | 40.53 3.48 0.00 | 37.58 3.25 0.00 | 33.85 3.00 0.00 | 31.13 2.60 0.00 | 28.53 2.23 0.00 |
| V_F_30_NSYNC__DSASP 323816 | 32.31 1.56 0.00 | 31.71 1.59 0.00 | 27.92 1.24 0.00 | 25.10 1.18 0.00 | 24.82 1.14 0.00 | 24.24 1.11 0.00 | 23.52 1.08 0.00 | 23.81 1.12 0.00 | 24.87 1.19 0.00 | 26.78 1.19 0.00 | 30.12 1.32 -0.27 | 29.33 1.31 0.00 | 32.19 1.54 0.02 | 32.34 1.51 0.00 | 33.34 1.58 0.00 | 33.21 1.49 0.00 | 34.17 1.55 0.00 | 33.90 1.57 0.00 | 44.25 2.15 0.00 | 38.96 1.91 0.00 | 36.11 1.79 0.00 | 32.28 1.42 0.00 | 29.78 1.25 0.00 | 27.39 1.10 0.00 |
| V_F_30_SYNC_DSASP 323786 | 31.50 0.74 0.00 | 30.92 0.81 0.00 | 27.27 0.58 0.00 | 24.54 0.62 0.00 | 24.26 0.58 0.00 | 23.70 0.57 0.00 | 22.99 0.55 0.00 | 23.25 0.57 0.00 | 24.31 0.63 0.00 | 26.18 0.59 0.00 | 29.46 0.65 -0.28 | 28.72 0.70 0.00 | 31.49 0.84 0.01 | 31.68 0.85 0.00 | 32.67 0.91 0.00 | 32.53 0.82 0.00 | 33.45 0.83 0.00 | 33.12 0.80 0.00 | 43.11 1.01 0.00 | 37.93 0.88 0.00 | 35.12 0.79 0.00 | 31.41 0.56 0.00 | 28.99 0.46 0.00 | 26.67 0.37 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 31.29 0.53 0.00 | 30.29 0.17 0.00 | 26.44 -0.25 0.00 | 23.57 -0.35 0.00 | 23.30 -0.37 0.00 | 22.80 -0.34 0.00 | 22.11 -0.33 0.00 | 22.33 -0.36 0.00 | 23.32 -0.36 0.00 | 25.28 -0.31 0.00 | 28.28 -0.25 0.00 | 27.40 -0.61 0.00 | 29.99 -0.68 0.00 | 29.97 -0.86 0.00 | 30.90 -0.86 0.00 | 31.48 -0.23 0.00 | 33.14 0.52 0.00 | 32.97 0.65 0.00 | 42.97 0.87 0.00 | 37.85 0.79 0.00 | 35.20 0.87 0.00 | 31.52 0.67 0.00 | 29.18 0.65 0.00 | 26.76 0.46 0.00 |

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| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 32.56 1.80 0.00 | 31.80 1.69 0.00 | 28.05 1.37 0.00 | 25.11 1.19 0.00 | 24.79 1.12 0.00 | 24.22 1.08 0.00 | 23.56 1.12 0.00 | 23.88 1.20 0.00 | 25.04 1.36 0.00 | 27.11 1.52 0.00 | 28.65 1.79 1.66 | 29.99 1.98 0.00 | 32.95 2.27 -0.01 | 33.17 2.34 0.00 | 34.20 2.44 0.00 | 34.08 2.37 0.00 | 34.89 2.26 0.00 | 34.43 2.11 0.00 | 44.66 2.56 0.00 | 39.12 2.07 0.00 | 36.23 1.91 0.00 | 32.43 1.58 0.00 | 29.97 1.43 0.00 | 27.52 1.22 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 32.84 2.08 0.00 | 32.08 1.97 0.00 | 28.21 1.53 0.00 | 25.24 1.32 0.00 | 24.95 1.28 0.00 | 24.33 1.19 0.00 | 23.71 1.27 0.00 | 24.03 1.35 0.00 | 25.22 1.53 0.00 | 27.31 1.72 0.00 | 31.77 2.01 -1.23 | 30.23 2.21 0.00 | 33.20 2.52 -0.01 | 33.43 2.60 0.00 | 34.42 2.66 0.00 | 34.29 2.58 0.00 | 35.02 2.40 0.00 | 34.44 2.12 0.00 | 44.60 2.50 0.00 | 39.09 2.03 0.00 | 36.23 1.90 0.00 | 32.47 1.62 0.00 | 30.04 1.51 0.00 | 27.63 1.34 0.00 |
| W50THST__13_KV_LOAD 356117 | 33.01 2.25 0.00 | 32.25 2.14 0.00 | 28.36 1.67 0.00 | 25.36 1.44 0.00 | 25.06 1.39 0.00 | 24.44 1.30 0.00 | 23.82 1.38 0.00 | 24.15 1.46 0.00 | 25.35 1.67 0.00 | 27.47 1.88 0.00 | 31.97 2.21 -1.23 | 30.42 2.41 0.00 | 33.43 2.75 -0.01 | 33.65 2.82 0.00 | 34.64 2.88 0.00 | 34.50 2.78 0.00 | 35.21 2.58 0.00 | 34.63 2.30 0.00 | 44.81 2.71 0.00 | 39.26 2.21 0.00 | 36.40 2.08 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |
| WADING RIVER_IC_1 23522 | 33.39 2.63 0.00 | 32.64 2.52 0.00 | 28.61 1.92 0.00 | 25.33 1.41 0.00 | 24.96 1.29 0.00 | 24.33 1.20 0.00 | 24.20 1.76 0.00 | 24.46 1.78 0.00 | 25.74 2.06 0.00 | 27.70 2.09 -0.02 | 32.15 2.38 -1.25 | 30.50 2.48 0.00 | 33.33 2.65 -0.01 | 33.61 2.77 0.00 | 34.74 2.98 0.00 | 34.87 3.02 -0.14 | 43.49 2.99 -7.87 | 37.05 2.88 -1.85 | 50.35 2.95 -5.30 | 39.30 2.25 0.00 | 36.52 2.20 0.00 | 32.57 1.71 0.00 | 30.14 1.61 0.00 | 27.80 1.50 0.00 |
| WADING RIVER_IC_2 23547 | 33.39 2.63 0.00 | 32.64 2.52 0.00 | 28.61 1.92 0.00 | 25.33 1.41 0.00 | 24.96 1.29 0.00 | 24.33 1.20 0.00 | 24.20 1.76 0.00 | 24.46 1.78 0.00 | 25.74 2.06 0.00 | 27.70 2.09 -0.02 | 32.15 2.38 -1.25 | 30.50 2.48 0.00 | 33.33 2.65 -0.01 | 33.61 2.77 0.00 | 34.74 2.98 0.00 | 34.87 3.02 -0.14 | 43.49 2.99 -7.87 | 37.05 2.88 -1.85 | 50.35 2.95 -5.30 | 39.30 2.25 0.00 | 36.52 2.20 0.00 | 32.57 1.71 0.00 | 30.14 1.61 0.00 | 27.80 1.50 0.00 |
| WADING RIVER_IC_3 23601 | 33.39 2.63 0.00 | 32.64 2.52 0.00 | 28.61 1.92 0.00 | 25.33 1.41 0.00 | 24.96 1.29 0.00 | 24.33 1.20 0.00 | 24.20 1.76 0.00 | 24.46 1.78 0.00 | 25.74 2.06 0.00 | 27.70 2.09 -0.02 | 32.15 2.38 -1.25 | 30.50 2.48 0.00 | 33.33 2.65 -0.01 | 33.61 2.77 0.00 | 34.74 2.98 0.00 | 34.87 3.02 -0.14 | 43.49 2.99 -7.87 | 37.05 2.88 -1.85 | 50.35 2.95 -5.30 | 39.30 2.25 0.00 | 36.52 2.20 0.00 | 32.57 1.71 0.00 | 30.14 1.61 0.00 | 27.80 1.50 0.00 |
| WALDENNY_I2_KV_BK2 80841 | 30.81 0.05 0.00 | 30.27 0.16 0.00 | 26.92 0.24 0.00 | 24.10 0.18 0.00 | 23.93 0.25 0.00 | 23.51 0.37 0.00 | 22.69 0.25 0.00 | 22.80 0.11 0.00 | 23.89 0.21 0.00 | 26.00 0.41 0.00 | 29.36 0.83 0.00 | 28.89 0.88 0.00 | 31.74 1.07 0.00 | 31.77 0.94 0.00 | 32.53 0.76 0.00 | 32.38 0.67 0.00 | 33.10 0.48 0.00 | 32.85 0.53 0.00 | 42.59 0.49 0.00 | 37.54 0.49 0.00 | 34.71 0.39 0.00 | 31.77 0.91 0.00 | 29.66 1.13 0.00 | 27.42 1.12 0.00 |
| WALDEN__HYDRO 24148 | 32.57 1.81 0.00 | 31.82 1.70 0.00 | 28.05 1.37 0.00 | 25.09 1.17 0.00 | 24.79 1.12 0.00 | 24.21 1.07 0.00 | 23.55 1.10 0.00 | 23.84 1.16 0.00 | 24.95 1.27 0.00 | 26.99 1.40 0.00 | 29.86 1.61 0.28 | 29.80 1.78 0.00 | 32.75 2.07 -0.01 | 33.03 2.19 0.00 | 34.04 2.27 0.00 | 33.92 2.21 0.00 | 34.83 2.20 0.00 | 34.45 2.13 0.00 | 44.71 2.61 0.00 | 39.24 2.19 0.00 | 36.33 2.01 0.00 | 32.51 1.67 0.00 | 30.02 1.49 0.00 | 27.55 1.26 0.00 |
| WARRENSBURG____ 23737 | 32.17 1.41 0.00 | 31.55 1.43 0.00 | 27.68 1.00 0.00 | 24.90 0.98 0.00 | 24.60 0.93 0.00 | 24.00 0.87 0.00 | 23.29 0.85 0.00 | 23.64 0.96 0.00 | 24.69 1.01 0.00 | 26.58 0.99 0.00 | 29.79 0.99 -0.27 | 29.00 0.98 0.00 | 31.84 1.19 0.02 | 31.96 1.13 0.00 | 32.92 1.16 0.00 | 32.78 1.07 0.00 | 33.78 1.16 0.00 | 33.61 1.29 0.00 | 43.96 1.87 0.00 | 38.74 1.68 0.00 | 35.94 1.62 0.00 | 32.08 1.23 0.00 | 29.58 1.05 0.00 | 27.20 0.90 0.00 |
| WATERSIDE____6 8 9 23538 | 32.40 2.07 0.42 | 31.99 1.98 0.11 | 28.23 1.55 0.00 | 25.25 1.32 0.00 | 24.94 1.26 0.00 | 24.34 1.20 0.00 | 23.71 1.27 0.00 | 24.04 1.36 0.00 | 25.22 1.54 0.00 | 27.31 1.72 0.00 | 31.76 2.00 -1.23 | 30.22 2.20 0.00 | 33.19 2.51 -0.01 | 33.38 2.55 0.00 | 34.42 2.66 0.00 | 34.27 2.56 0.00 | 34.96 2.34 0.00 | 34.39 2.07 0.00 | 44.51 2.41 0.00 | 39.02 1.96 0.00 | 36.18 1.86 0.00 | 32.43 1.58 0.00 | 30.00 1.47 0.00 | 27.63 1.33 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 30.75 0.00 0.00 | 30.15 0.03 0.00 | 26.60 -0.08 0.00 | 23.87 -0.06 0.00 | 23.61 -0.07 0.00 | 23.10 -0.04 0.00 | 22.43 -0.02 0.00 | 22.65 -0.03 0.00 | 23.66 -0.02 0.00 | 25.51 -0.08 0.00 | 28.38 -0.14 0.00 | 27.87 -0.15 0.00 | 30.54 -0.13 0.00 | 30.76 -0.07 0.00 | 31.66 -0.10 0.00 | 31.58 -0.13 0.00 | 32.49 -0.13 0.00 | 32.27 -0.05 0.00 | 42.09 -0.01 0.00 | 37.13 0.08 0.00 | 34.46 0.14 0.00 | 30.90 0.04 0.00 | 28.50 -0.03 0.00 | 26.21 -0.08 0.00 |
| WATSON__69_KV_BK 1 55734 | 33.98 3.22 0.00 | 33.23 3.12 0.00 | 29.13 2.45 0.00 | 25.82 1.90 0.00 | 25.45 1.78 0.00 | 24.81 1.67 0.00 | 24.39 1.94 0.00 | 24.72 2.03 0.00 | 26.05 2.37 0.00 | 28.20 2.59 -0.02 | 32.80 3.03 -1.25 | 31.15 3.13 0.00 | 34.04 3.36 -0.01 | 34.29 3.46 0.00 | 35.39 3.63 0.00 | 35.43 3.65 -0.07 | 43.74 3.64 -7.47 | 38.86 3.53 -3.01 | 55.81 3.79 -9.92 | 40.04 2.98 -0.01 | 37.17 2.85 0.00 | 33.20 2.35 0.00 | 30.76 2.23 0.00 | 28.32 2.03 0.00 |
| WDELAWARE__HYD 323627 | 32.31 1.55 0.00 | 31.53 1.41 0.00 | 27.76 1.08 0.00 | 24.84 0.92 0.00 | 24.55 0.87 0.00 | 23.97 0.83 0.00 | 23.32 0.88 0.00 | 23.64 0.96 0.00 | 24.75 1.07 0.00 | 26.64 1.05 0.00 | 28.83 0.48 0.18 | 28.69 0.67 0.00 | 31.48 0.81 -0.01 | 31.77 0.93 0.00 | 32.77 1.01 0.00 | 32.70 0.99 0.00 | 33.56 0.94 0.00 | 33.27 0.95 0.00 | 43.26 1.17 0.00 | 37.99 0.93 0.00 | 35.12 0.80 0.00 | 31.53 0.67 0.00 | 29.84 1.31 0.00 | 27.36 1.07 0.00 |
| WEST BABYLON__IC 23714 | 33.86 3.10 0.00 | 33.14 3.02 0.00 | 29.05 2.36 0.00 | 25.77 1.85 0.00 | 25.40 1.73 0.00 | 24.76 1.62 0.00 | 24.29 1.85 0.00 | 24.64 1.95 0.00 | 25.95 2.27 0.00 | 28.10 2.49 -0.02 | 32.68 2.91 -1.25 | 31.04 3.03 0.00 | 33.93 3.25 -0.01 | 34.16 3.33 0.00 | 35.24 3.47 0.00 | 35.21 3.48 -0.02 | 38.81 3.47 -2.72 | 36.94 3.35 -1.27 | 50.02 3.64 -4.28 | 39.90 2.84 0.00 | 37.03 2.71 0.00 | 33.10 2.24 0.00 | 30.65 2.12 0.00 | 28.23 1.93 0.00 |
| WEST CANADA__HYD 24049 | 30.79 0.04 0.00 | 30.16 0.04 0.00 | 26.69 0.00 0.00 | 23.93 0.01 0.00 | 23.67 0.00 0.00 | 23.14 0.00 0.00 | 22.45 0.00 0.00 | 22.69 0.00 0.00 | 23.70 0.02 0.00 | 25.60 0.01 0.00 | 28.54 0.01 0.00 | 28.04 0.03 0.00 | 30.69 0.02 0.00 | 30.86 0.03 0.00 | 31.81 0.05 0.00 | 31.72 0.01 0.00 | 32.62 -0.01 0.00 | 32.32 0.00 0.00 | 42.14 0.04 0.00 | 37.09 0.04 0.00 | 34.36 0.04 0.00 | 30.88 0.03 0.00 | 28.56 0.03 0.00 | 26.32 0.02 0.00 |

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| WESTERN_NY_WIND 24143 | 31.27 0.52 0.00 | 30.65 0.54 0.00 | 27.24 0.55 0.00 | 24.37 0.45 0.00 | 24.17 0.50 0.00 | 23.76 0.62 0.00 | 22.93 0.49 0.00 | 23.03 0.35 0.00 | 24.10 0.42 0.00 | 26.15 0.56 0.00 | 29.51 0.98 0.00 | 29.08 1.06 0.00 | 31.98 1.30 0.00 | 32.09 1.26 0.00 | 32.89 1.13 0.00 | 32.67 0.96 0.00 | 33.45 0.83 0.00 | 33.30 0.98 0.00 | 43.28 1.18 0.00 | 38.32 1.27 0.00 | 35.46 1.14 0.00 | 32.41 1.55 0.00 | 30.18 1.65 0.00 | 27.86 1.56 0.00 |
| WESTOVER___LESR 323668 | 30.96 0.21 0.00 | 30.36 0.24 0.00 | 26.88 0.20 0.00 | 24.10 0.17 0.00 | 23.88 0.21 0.00 | 23.37 0.23 0.00 | 22.69 0.25 0.00 | 22.91 0.23 0.00 | 24.01 0.33 0.00 | 26.02 0.43 0.00 | 29.05 0.53 0.00 | 28.58 0.56 0.00 | 31.35 0.68 0.00 | 31.54 0.71 0.00 | 32.42 0.66 0.00 | 32.34 0.63 0.00 | 33.19 0.57 0.00 | 32.89 0.57 0.00 | 42.89 0.79 0.00 | 37.70 0.64 0.00 | 34.94 0.61 0.00 | 31.45 0.60 0.00 | 29.10 0.57 0.00 | 26.80 0.50 0.00 |
| WETHRSFD_WT_PWR 323626 | 30.56 -0.19 0.00 | 30.14 0.02 0.00 | 26.83 0.14 0.00 | 24.04 0.12 0.00 | 23.83 0.16 0.00 | 23.37 0.23 0.00 | 22.57 0.13 0.00 | 22.66 -0.02 0.00 | 23.79 0.11 0.00 | 25.86 0.27 0.00 | 29.01 0.48 0.00 | 28.48 0.46 0.00 | 31.30 0.63 0.00 | 31.36 0.53 0.00 | 32.18 0.42 0.00 | 32.12 0.41 0.00 | 32.85 0.23 0.00 | 32.64 0.32 0.00 | 42.46 0.37 0.00 | 37.46 0.40 0.00 | 34.70 0.38 0.00 | 31.63 0.78 0.00 | 29.44 0.90 0.00 | 27.18 0.89 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 32.39 1.63 0.00 | 31.65 1.53 0.00 | 27.92 1.24 0.00 | 24.99 1.07 0.00 | 24.68 1.01 0.00 | 24.10 0.97 0.00 | 23.46 1.01 0.00 | 23.77 1.09 0.00 | 24.91 1.23 0.00 | 26.97 1.38 0.00 | 28.46 1.62 1.68 | 29.82 1.80 0.00 | 32.75 2.07 -0.01 | 32.97 2.14 0.00 | 33.98 2.22 0.00 | 33.86 2.15 0.00 | 34.65 2.03 0.00 | 34.19 1.87 0.00 | 44.35 2.25 0.00 | 38.85 1.80 0.00 | 36.00 1.68 0.00 | 32.24 1.39 0.00 | 29.79 1.26 0.00 | 27.37 1.07 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 32.39 1.63 0.00 | 31.65 1.53 0.00 | 27.92 1.24 0.00 | 24.99 1.07 0.00 | 24.68 1.01 0.00 | 24.10 0.97 0.00 | 23.46 1.01 0.00 | 23.77 1.09 0.00 | 24.91 1.23 0.00 | 26.97 1.38 0.00 | 28.46 1.62 1.68 | 29.82 1.80 0.00 | 32.75 2.07 -0.01 | 32.97 2.14 0.00 | 33.98 2.22 0.00 | 33.86 2.15 0.00 | 34.65 2.03 0.00 | 34.19 1.87 0.00 | 44.35 2.25 0.00 | 38.85 1.80 0.00 | 36.00 1.68 0.00 | 32.24 1.39 0.00 | 29.79 1.26 0.00 | 27.37 1.07 0.00 |
| WHITEHAL_115KV_TB1 80871 | 33.33 2.58 0.00 | 32.68 2.56 0.00 | 28.51 1.82 0.00 | 25.76 1.84 0.00 | 25.41 1.74 0.00 | 24.83 1.70 0.00 | 24.06 1.62 0.00 | 24.45 1.77 0.00 | 25.52 1.84 0.00 | 27.21 1.62 0.00 | 30.43 1.63 -0.27 | 29.52 1.51 0.00 | 32.56 1.91 0.02 | 32.62 1.79 0.00 | 33.57 1.81 0.00 | 33.48 1.77 0.00 | 34.60 1.98 0.00 | 34.65 2.33 0.00 | 45.11 3.02 0.00 | 39.83 2.77 0.00 | 37.18 2.85 0.00 | 33.03 2.18 0.00 | 30.38 1.85 0.00 | 27.93 1.63 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 33.03 2.27 0.00 | 32.31 2.20 0.00 | 28.43 1.75 0.00 | 25.42 1.50 0.00 | 25.12 1.44 0.00 | 24.51 1.36 0.00 | 23.85 1.41 0.00 | 24.21 1.52 0.00 | 25.40 1.72 0.00 | 27.51 1.91 0.00 | 32.08 2.24 -1.31 | 30.44 2.42 0.00 | 33.45 2.77 -0.01 | 33.68 2.85 0.00 | 34.73 2.97 0.00 | 34.61 2.90 0.00 | 35.43 2.81 0.00 | 34.95 2.63 0.00 | 45.28 3.18 0.00 | 39.67 2.62 0.00 | 36.71 2.39 0.00 | 32.80 1.94 0.00 | 30.28 1.75 0.00 | 27.83 1.53 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 33.63 2.87 0.00 | 32.89 2.78 0.00 | 28.83 2.14 0.00 | 25.54 1.61 0.00 | 25.16 1.49 0.00 | 24.52 1.38 0.00 | 24.26 1.82 0.00 | 24.55 1.86 0.00 | 25.86 2.18 0.00 | 27.89 2.28 -0.02 | 32.36 2.59 -1.25 | 30.70 2.68 0.00 | 33.56 2.87 -0.01 | 33.83 2.99 0.00 | 34.94 3.18 0.00 | 35.06 3.21 -0.14 | 43.83 3.21 -8.00 | 37.32 3.11 -1.89 | 50.74 3.25 -5.39 | 39.58 2.53 0.00 | 36.79 2.46 0.00 | 32.82 1.97 0.00 | 30.39 1.86 0.00 | 28.01 1.72 0.00 |
| WOODARD___115KV_TB2 355635 | 30.50 -0.26 0.00 | 29.86 -0.26 0.00 | 26.44 -0.24 0.00 | 23.69 -0.23 0.00 | 23.46 -0.21 0.00 | 22.95 -0.19 0.00 | 22.25 -0.20 0.00 | 22.47 -0.21 0.00 | 23.51 -0.17 0.00 | 25.46 -0.13 0.00 | 28.46 -0.07 0.00 | 27.97 -0.04 0.00 | 30.58 -0.08 0.00 | 30.76 -0.08 0.00 | 31.65 -0.11 0.00 | 31.56 -0.15 0.00 | 32.44 -0.18 0.00 | 32.18 -0.14 0.00 | 41.94 -0.16 0.00 | 36.91 -0.14 0.00 | 34.19 -0.13 0.00 | 30.80 -0.05 0.00 | 28.49 -0.04 0.00 | 26.31 0.01 0.00 |
| YORK___WARBASSE 23770 | 35.77 2.17 -2.84 | 32.95 2.12 -0.72 | 28.33 1.65 0.00 | 25.33 1.41 0.00 | 25.02 1.35 0.00 | 24.42 1.28 0.00 | 23.78 1.34 0.00 | 24.11 1.43 0.00 | 25.29 1.61 0.00 | 27.39 1.80 0.00 | 31.88 2.12 -1.23 | 30.36 2.34 0.00 | 33.34 2.66 -0.02 | 33.52 2.68 0.00 | 34.57 2.81 0.00 | 34.42 2.71 0.00 | 35.12 2.49 -0.01 | 34.58 2.26 0.00 | 44.75 2.65 0.00 | 39.25 2.20 0.00 | 36.41 2.09 0.00 | 32.63 1.78 0.00 | 30.19 1.66 0.00 | 27.77 1.47 0.00 |