

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/21/2024

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 23.38 | 22.62 | 21.60 | 20.50 | 20.53 | 22.64 | 27.03 | 29.62 | 27.89 | 27.33 | 27.27 | 28.93 | 30.39 | 32.90 | 35.36 | 37.42 | 41.41 | 48.66 | 50.44 | 47.79 | 45.02 | 39.85 | 31.93 | 27.86 |
| 24138 | 1.59 | 1.22 | 1.13 | 1.07 | 1.07 | 1.20 | 2.07 | 2.42 | 2.49 | 2.42 | 2.44 | 2.56 | 2.69 | 2.95 | 3.09 | 3.28 | 3.38 | 4.82 | 4.71 | 4.31 | 4.20 | 3.16 | 2.50 | 2.18 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.22 | -0.31 | -0.21 | -0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 23.38 | 22.59 | 21.62 | 20.48 | 20.51 | 22.62 | 26.98 | 29.59 | 27.84 | 27.25 | 27.22 | 28.87 | 30.34 | 32.87 | 35.29 | 37.25 | 41.38 | 48.53 | 50.35 | 47.70 | 44.77 | 39.85 | 31.93 | 27.94 |
| 24260 | 1.59 | 1.20 | 1.15 | 1.05 | 1.05 | 1.18 | 2.02 | 2.39 | 2.44 | 2.34 | 2.38 | 2.51 | 2.63 | 2.92 | 3.03 | 3.11 | 3.35 | 4.69 | 4.62 | 4.22 | 3.96 | 3.16 | 2.50 | 2.26 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.22 | -0.31 | -0.21 | -0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 23.38 | 22.59 | 21.62 | 20.48 | 20.51 | 22.62 | 26.98 | 29.59 | 27.84 | 27.25 | 27.22 | 28.87 | 30.34 | 32.87 | 35.29 | 37.25 | 41.38 | 48.53 | 50.35 | 47.70 | 44.77 | 39.85 | 31.93 | 27.94 |
| 24261 | 1.59 | 1.20 | 1.15 | 1.05 | 1.05 | 1.18 | 2.02 | 2.39 | 2.44 | 2.34 | 2.38 | 2.51 | 2.63 | 2.92 | 3.03 | 3.11 | 3.35 | 4.69 | 4.62 | 4.22 | 3.96 | 3.16 | 2.50 | 2.26 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.22 | -0.31 | -0.21 | -0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 23.14 | 22.51 | 21.62 | 20.52 | 20.53 | 22.71 | 26.13 | 28.32 | 26.31 | 25.78 | 25.68 | 26.75 | 28.13 | 30.55 | 33.04 | 35.31 | 39.44 | 46.16 | 48.29 | 45.83 | 42.94 | 38.20 | 30.73 | 26.88 |
| 24011 | 1.35 | 1.11 | 1.15 | 1.09 | 1.07 | 1.27 | 1.17 | 1.12 | 0.91 | 0.87 | 0.84 | 0.73 | 0.90 | 0.92 | 0.90 | 1.16 | 1.41 | 2.32 | 2.56 | 2.35 | 2.12 | 1.50 | 1.29 | 1.21 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.17 | 0.12 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 23.27 | 22.64 | 21.74 | 20.63 | 20.65 | 22.83 | 26.26 | 28.45 | 26.42 | 25.88 | 25.78 | 26.83 | 28.24 | 30.64 | 33.17 | 35.48 | 39.63 | 46.42 | 48.57 | 46.09 | 43.26 | 38.38 | 30.87 | 27.01 |
| 23798 | 1.48 | 1.24 | 1.27 | 1.21 | 1.19 | 1.39 | 1.30 | 1.25 | 1.02 | 0.97 | 0.94 | 0.81 | 1.01 | 1.01 | 1.03 | 1.33 | 1.60 | 2.59 | 2.84 | 2.61 | 2.45 | 1.69 | 1.44 | 1.33 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.17 | 0.11 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 23.14 | 22.51 | 21.62 | 20.52 | 20.53 | 22.71 | 26.13 | 28.32 | 26.31 | 25.78 | 25.68 | 26.75 | 28.13 | 30.55 | 33.04 | 35.31 | 39.44 | 46.16 | 48.29 | 45.83 | 42.94 | 38.20 | 30.73 | 26.88 |
| 24028 | 1.35 | 1.11 | 1.15 | 1.09 | 1.07 | 1.27 | 1.17 | 1.12 | 0.91 | 0.87 | 0.84 | 0.73 | 0.90 | 0.92 | 0.90 | 1.16 | 1.41 | 2.32 | 2.56 | 2.35 | 2.12 | 1.50 | 1.29 | 1.21 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.17 | 0.12 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 22.84 | 22.19 | 21.23 | 20.17 | 20.22 | 22.30 | 26.23 | 28.43 | 26.39 | 25.76 | 25.61 | 26.65 | 27.87 | 30.42 | 33.05 | 35.27 | 39.32 | 45.98 | 48.15 | 45.70 | 43.14 | 38.38 | 30.64 | 26.75 |
| 23527 | 1.05 | 0.79 | 0.76 | 0.74 | 0.76 | 0.86 | 1.27 | 1.23 | 0.99 | 0.85 | 0.77 | 0.78 | 0.85 | 0.92 | 0.96 | 1.13 | 1.29 | 2.15 | 2.42 | 2.22 | 2.33 | 1.69 | 1.21 | 1.08 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.37 | 0.25 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 22.25 | 21.72 | 20.78 | 19.78 | 19.77 | 21.76 | 25.51 | 27.47 | 25.58 | 25.08 | 24.93 | 26.14 | 27.41 | 29.86 | 32.37 | 34.45 | 38.41 | 44.71 | 46.74 | 44.35 | 41.63 | 37.21 | 29.75 | 26.01 |
| 24190 | 0.46 | 0.32 | 0.31 | 0.35 | 0.31 | 0.32 | 0.55 | 0.27 | 0.18 | 0.17 | 0.10 | 0.10 | 0.16 | 0.21 | 0.23 | 0.31 | 0.38 | 0.88 | 1.01 | 0.87 | 0.82 | 0.51 | 0.32 | 0.33 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.15 | 0.10 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 21.40 | 21.31 | 20.41 | 19.37 | 19.38 | 21.36 | 24.51 | 26.77 | 24.97 | 24.46 | 24.41 | 25.70 | 26.96 | 29.18 | 31.57 | 33.46 | 37.34 | 42.26 | 43.95 | 41.96 | 39.59 | 35.85 | 28.81 | 25.16 |
| 355683 | -0.39 | -0.09 | -0.06 | -0.06 | -0.08 | -0.09 | -0.45 | -0.44 | -0.43 | -0.45 | -0.42 | -0.44 | -0.44 | -0.57 | -0.61 | -0.68 | -0.68 | -1.58 | -1.78 | -1.52 | -1.22 | -0.84 | -0.62 | -0.51 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | 22.58 | 22.04 | 21.07 | 20.03 | 20.04 | 22.06 | 25.83 | 27.88 | 25.88 | 25.31 | 25.13 | 26.39 | 27.67 | 30.10 | 32.67 | 34.83 | 38.94 | 45.46 | 47.51 | 45.14 | 42.49 | 37.94 | 30.34 | 26.55 |
| 323833 | 0.78 | 0.64 | 0.59 | 0.60 | 0.58 | 0.62 | 0.87 | 0.68 | 0.48 | 0.40 | 0.30 | 0.31 | 0.36 | 0.42 | 0.51 | 0.68 | 0.91 | 1.62 | 1.78 | 1.65 | 1.67 | 1.25 | 0.91 | 0.87 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.08 | 0.06 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_2_SOLAR | 22.58 | 22.04 | 21.07 | 20.03 | 20.04 | 22.06 | 25.83 | 27.88 | 25.88 | 25.31 | 25.13 | 26.37 | 27.67 | 30.10 | 32.67 | 34.83 | 38.90 | 45.46 | 47.51 | 45.14 | 42.49 | 37.90 | 30.34 | 26.55 |
| 323834 | 0.78 | 0.64 | 0.59 | 0.60 | 0.58 | 0.62 | 0.87 | 0.68 | 0.48 | 0.40 | 0.30 | 0.29 | 0.36 | 0.42 | 0.51 | 0.68 | 0.88 | 1.62 | 1.78 | 1.65 | 1.67 | 1.21 | 0.91 | 0.87 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.09 | 0.06 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 22.25 | 21.72 | 20.78 | 19.78 | 19.77 | 21.76 | 25.51 | 27.47 | 25.58 | 25.08 | 24.93 | 26.14 | 27.41 | 29.86 | 32.37 | 34.45 | 38.41 | 44.71 | 46.74 | 44.35 | 41.63 | 37.21 | 29.75 | 26.01 |
| 23571 | 0.46 | 0.32 | 0.31 | 0.35 | 0.31 | 0.32 | 0.55 | 0.27 | 0.18 | 0.17 | 0.10 | 0.10 | 0.16 | 0.21 | 0.23 | 0.31 | 0.38 | 0.88 | 1.01 | 0.87 | 0.82 | 0.51 | 0.32 | 0.33 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.15 | 0.10 | 0.10 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 22.25 0.46 0.00 | 21.72 0.32 0.00 | 20.78 0.31 0.00 | 19.78 0.35 0.00 | 19.77 0.31 0.00 | 21.76 0.32 0.00 | 25.51 0.55 0.00 | 27.47 0.27 0.00 | 25.58 0.18 0.00 | 25.08 0.17 0.00 | 24.93 0.10 0.00 | 26.14 0.10 0.11 | 27.41 0.16 0.15 | 29.86 0.21 0.10 | 32.37 0.23 0.04 | 34.45 0.31 0.00 | 38.41 0.38 0.00 | 44.71 0.88 0.00 | 46.74 1.01 0.00 | 44.35 0.87 0.00 | 41.63 0.82 0.00 | 37.21 0.51 0.00 | 29.75 0.32 0.00 | 26.01 0.33 0.00 |
| ALBANY___3 23573 | 22.25 0.46 0.00 | 21.72 0.32 0.00 | 20.78 0.31 0.00 | 19.78 0.35 0.00 | 19.77 0.31 0.00 | 21.76 0.32 0.00 | 25.51 0.55 0.00 | 27.47 0.27 0.00 | 25.58 0.18 0.00 | 25.08 0.17 0.00 | 24.93 0.10 0.00 | 26.14 0.10 0.11 | 27.41 0.16 0.15 | 29.86 0.21 0.10 | 32.37 0.23 0.04 | 34.45 0.31 0.00 | 38.41 0.38 0.00 | 44.71 0.88 0.00 | 46.74 1.01 0.00 | 44.35 0.87 0.00 | 41.63 0.82 0.00 | 37.21 0.51 0.00 | 29.75 0.32 0.00 | 26.01 0.33 0.00 |
| ALBANY___4 23574 | 22.25 0.46 0.00 | 21.72 0.32 0.00 | 20.78 0.31 0.00 | 19.78 0.35 0.00 | 19.77 0.31 0.00 | 21.76 0.32 0.00 | 25.51 0.55 0.00 | 27.47 0.27 0.00 | 25.58 0.18 0.00 | 25.08 0.17 0.00 | 24.93 0.10 0.00 | 26.14 0.10 0.11 | 27.41 0.16 0.15 | 29.86 0.21 0.10 | 32.37 0.23 0.04 | 34.45 0.31 0.00 | 38.41 0.38 0.00 | 44.71 0.88 0.00 | 46.74 1.01 0.00 | 44.35 0.87 0.00 | 41.63 0.82 0.00 | 37.21 0.51 0.00 | 29.75 0.32 0.00 | 26.01 0.33 0.00 |
| ALBANY___LFGE 323615 | 22.42 0.63 0.00 | 21.89 0.49 0.00 | 20.92 0.45 0.00 | 19.92 0.49 0.00 | 19.91 0.45 0.00 | 21.93 0.49 0.00 | 25.71 0.75 0.00 | 27.72 0.52 0.00 | 25.83 0.43 0.00 | 25.33 0.42 0.00 | 25.21 0.37 0.00 | 26.42 0.39 0.12 | 27.70 0.47 0.16 | 30.14 0.51 0.11 | 32.75 0.61 0.04 | 34.90 0.75 0.00 | 38.86 0.84 0.00 | 45.33 1.49 0.00 | 47.29 1.56 0.00 | 44.87 1.39 0.00 | 42.20 1.39 0.00 | 37.61 0.92 0.00 | 30.05 0.62 0.00 | 26.27 0.59 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 21.51 -0.28 0.00 | 21.44 0.04 0.00 | 20.53 0.06 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.64 -0.32 0.00 | 26.93 -0.27 0.00 | 25.09 -0.30 0.00 | 24.59 -0.32 0.00 | 24.54 -0.30 0.00 | 25.83 -0.31 0.00 | 27.09 -0.30 0.00 | 29.30 -0.45 0.00 | 31.67 -0.51 0.00 | 33.57 -0.58 0.00 | 37.50 -0.53 0.00 | 42.04 -1.80 0.00 | 43.67 -2.06 0.00 | 41.74 -1.74 0.00 | 39.80 -1.02 0.00 | 35.96 -0.73 0.00 | 28.93 -0.50 0.00 | 25.32 -0.36 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 21.51 -0.28 0.00 | 21.44 0.04 0.00 | 20.53 0.06 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.64 -0.32 0.00 | 26.93 -0.27 0.00 | 25.09 -0.30 0.00 | 24.59 -0.32 0.00 | 24.54 -0.30 0.00 | 25.83 -0.31 0.00 | 27.09 -0.30 0.00 | 29.30 -0.45 0.00 | 31.67 -0.51 0.00 | 33.57 -0.58 0.00 | 37.50 -0.53 0.00 | 42.04 -1.80 0.00 | 43.67 -2.06 0.00 | 41.74 -1.74 0.00 | 39.80 -1.02 0.00 | 35.96 -0.73 0.00 | 28.93 -0.50 0.00 | 25.32 -0.36 0.00 |
| ALCOA___DSASP 323711 | 21.51 -0.28 0.00 | 21.44 0.04 0.00 | 20.53 0.06 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.63 -0.33 0.00 | 26.93 -0.27 0.00 | 25.10 -0.30 0.00 | 24.58 -0.32 0.00 | 24.54 -0.30 0.00 | 25.83 -0.31 0.00 | 27.10 -0.30 0.00 | 29.30 -0.45 0.00 | 31.67 -0.52 0.00 | 33.60 -0.55 0.00 | 37.50 -0.53 0.00 | 42.04 -1.80 0.00 | 43.68 -2.06 0.00 | 41.74 -1.74 0.00 | 39.18 -1.63 0.00 | 35.96 -0.73 0.00 | 28.93 -0.50 0.00 | 25.29 -0.38 0.00 |
| ALLEGHENY___COGEN 23514 | 22.79 1.00 0.00 | 21.97 0.58 0.00 | 21.00 0.53 0.00 | 19.97 0.54 0.00 | 19.93 0.47 0.00 | 22.08 0.64 0.00 | 25.50 1.02 0.48 | 27.24 1.09 1.05 | 25.74 0.79 0.45 | 25.31 0.65 0.24 | 25.33 0.74 0.24 | 26.42 0.68 0.40 | 27.17 0.47 0.69 | 29.37 0.59 0.97 | 31.84 0.77 1.11 | 32.63 -0.20 1.32 | 36.68 0.08 1.43 | 42.01 0.61 2.44 | 45.58 1.60 1.75 | 44.04 2.04 1.49 | 40.65 1.92 2.09 | 36.15 1.10 1.65 | 31.07 1.89 0.25 | 26.98 1.31 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 22.40 0.61 0.00 | 21.85 0.45 0.00 | 20.88 0.41 0.00 | 19.84 0.41 0.00 | 19.87 0.41 0.00 | 21.89 0.45 0.00 | 25.68 0.72 0.00 | 27.85 0.65 0.00 | 25.98 0.58 0.00 | 25.43 0.52 0.00 | 25.33 0.50 0.00 | 26.57 0.50 0.07 | 27.88 0.58 0.09 | 30.31 0.62 0.06 | 32.83 0.68 0.03 | 34.90 0.75 0.00 | 38.90 0.87 0.00 | 45.28 1.45 0.00 | 47.29 1.55 0.00 | 44.92 1.43 0.00 | 42.12 1.31 0.00 | 37.68 0.99 0.00 | 30.17 0.74 0.00 | 26.37 0.69 0.00 |
| ALTONA_WT_PWR 323606 | 21.77 -0.02 0.00 | 21.63 0.24 0.00 | 20.62 0.14 0.00 | 19.58 0.15 0.00 | 19.60 0.14 0.00 | 21.53 0.09 0.00 | 24.79 -0.17 0.00 | 27.23 0.03 0.00 | 25.40 0.00 0.00 | 24.96 0.05 0.00 | 24.81 -0.02 0.00 | 26.27 0.13 0.00 | 27.53 0.14 0.00 | 29.66 -0.09 0.00 | 31.99 -0.19 0.00 | 33.91 -0.24 0.00 | 38.14 0.11 0.00 | 42.43 -1.40 0.00 | 43.40 -2.33 0.00 | 41.83 -1.65 0.00 | 38.82 -2.00 0.00 | 35.52 -1.18 0.00 | 28.93 -0.50 0.00 | 25.14 -0.54 0.00 |
| AMERICAN_REF_FUEL 24010 | 21.53 -0.26 0.00 | 20.73 -0.66 0.00 | 19.90 -0.57 0.00 | 18.91 -0.52 0.00 | 18.88 -0.58 0.00 | 20.82 -0.62 0.00 | 23.74 -0.65 0.57 | 25.11 -0.87 1.22 | 24.29 -0.58 0.52 | 24.26 -0.37 0.28 | 24.38 -0.17 0.28 | 25.39 -0.29 0.46 | 25.91 -0.68 0.81 | 27.85 -0.77 1.12 | 30.12 -0.77 1.29 | 31.62 -0.99 1.53 | 35.38 -0.99 1.66 | 39.64 -1.36 2.84 | 42.92 -0.78 2.04 | 41.10 -0.65 1.73 | 37.41 -0.98 2.43 | 33.35 -1.43 1.91 | 28.46 -0.68 0.29 | 25.11 -0.56 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 22.53 0.74 0.00 | 21.55 0.15 0.00 | 20.55 0.08 0.00 | 19.49 0.06 0.00 | 19.46 0.00 0.00 | 21.51 0.06 0.00 | 24.39 -0.05 0.52 | 26.33 0.24 1.12 | 25.43 0.51 0.48 | 25.43 0.77 0.26 | 25.69 1.12 0.26 | 26.76 1.05 0.42 | 27.18 0.52 0.74 | 29.40 0.68 1.03 | 31.96 0.96 1.18 | 33.67 0.92 1.40 | 37.61 1.10 1.52 | 42.29 1.05 2.60 | 45.61 1.74 1.86 | 43.77 1.87 1.59 | 39.90 1.31 2.22 | 35.31 0.37 1.75 | 29.66 0.50 0.27 | 26.11 0.44 0.00 |
| ARTHUR KILL_GT_1 23520 | 23.54 1.74 -0.01 | 22.77 1.37 -0.01 | 21.79 1.31 -0.01 | 20.68 1.24 -0.01 | 20.70 1.23 -0.01 | 22.77 1.33 0.00 | 27.16 2.20 -0.01 | 29.63 2.42 -0.01 | 27.75 2.34 -0.02 | 27.22 2.29 -0.02 | 29.40 2.24 -2.33 | 36.77 2.35 -8.28 | 36.77 2.47 -6.91 | 37.09 2.73 -4.61 | 37.10 2.90 -2.02 | 37.46 3.07 -0.24 | 41.25 3.23 0.01 | 48.35 4.52 0.00 | 50.03 4.30 0.00 | 47.48 4.00 0.00 | 44.86 4.04 0.00 | 40.07 3.19 -0.18 | 32.20 2.77 -0.01 | 28.10 2.41 -0.01 |
| ARTHUR_KILL_2 23512 | 23.48 1.68 -0.01 | 22.71 1.31 -0.01 | 21.73 1.25 -0.01 | 20.62 1.19 -0.01 | 20.66 1.19 -0.01 | 22.71 1.26 0.00 | 27.11 2.15 -0.01 | 29.57 2.37 -0.01 | 27.68 2.26 -0.02 | 27.14 2.22 -0.02 | 29.32 2.16 -2.33 | 36.69 2.27 -8.28 | 36.69 2.38 -6.91 | 37.00 2.65 -4.61 | 37.00 2.80 -2.02 | 37.35 2.97 -0.24 | 41.14 3.12 0.01 | 48.18 4.34 0.00 | 49.89 4.16 0.00 | 47.31 3.83 0.00 | 44.73 3.92 0.00 | 39.92 3.04 -0.18 | 32.12 2.68 -0.01 | 28.02 2.34 -0.01 |
| ARTHUR_KILL_3 23513 | 23.19 1.40 0.00 | 22.40 1.01 0.00 | 21.41 0.94 0.00 | 20.32 0.89 0.00 | 20.34 0.88 0.00 | 22.43 0.99 0.00 | 26.78 1.82 0.00 | 29.38 2.18 0.00 | 27.65 2.24 -0.01 | 27.09 2.17 -0.01 | 29.37 2.21 -2.32 | 36.71 2.30 -8.27 | 36.71 2.41 -6.90 | 36.99 2.65 -4.60 | 36.96 2.77 -2.01 | 37.27 2.90 -0.23 | 40.96 2.93 0.00 | 48.13 4.30 0.00 | 49.89 4.16 0.00 | 47.31 3.83 0.00 | 44.57 3.75 0.00 | 39.69 2.83 -0.17 | 31.70 2.27 0.00 | 27.63 1.95 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 23.54 1.74 -0.01 | 22.77 1.37 -0.01 | 21.79 1.31 -0.01 | 20.68 1.24 -0.01 | 20.70 1.23 -0.01 | 22.77 1.33 0.00 | 27.16 2.20 -0.01 | 29.63 2.42 -0.01 | 27.75 2.34 -0.02 | 27.22 2.29 -0.02 | 29.40 2.24 -2.33 | 36.77 2.35 -8.28 | 36.77 2.47 -6.91 | 37.09 2.73 -4.61 | 37.10 2.90 -2.02 | 37.46 3.07 -0.24 | 41.25 3.23 0.01 | 48.35 4.52 0.00 | 50.03 4.30 0.00 | 47.48 4.00 0.00 | 44.86 4.04 0.00 | 40.07 3.19 -0.18 | 32.20 2.77 -0.01 | 28.10 2.41 -0.01 |
| ASHOKAN____ 23654 | 22.62 0.83 0.00 | 21.95 0.56 0.00 | 20.98 0.51 0.00 | 19.93 0.50 0.00 | 19.93 0.47 0.00 | 21.91 0.47 0.00 | 26.26 1.30 0.00 | 28.37 1.17 0.00 | 26.36 0.96 0.00 | 25.66 0.75 0.00 | 25.43 0.60 0.00 | 27.17 0.99 -0.03 | 28.54 1.10 -0.04 | 31.12 1.34 -0.03 | 33.77 1.58 -0.01 | 35.41 1.26 0.00 | 39.74 1.71 0.00 | 46.82 2.98 0.00 | 49.07 3.34 0.00 | 46.48 3.00 0.00 | 43.71 2.90 0.00 | 38.86 2.16 0.00 | 30.93 1.50 0.00 | 27.04 1.36 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 23.35 1.55 -0.01 | 22.53 1.13 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.46 1.03 0.01 | 26.85 1.90 0.01 | 29.45 2.26 0.01 | 27.65 2.26 0.01 | 27.12 2.22 0.01 | 27.06 2.24 0.01 | 28.71 2.35 -0.22 | 30.13 2.44 -0.30 | 32.62 2.68 -0.20 | 35.06 2.80 -0.08 | 37.11 2.97 0.01 | 41.06 3.04 0.01 | 48.08 4.25 0.01 | 49.75 4.03 0.01 | 47.22 3.74 0.01 | 44.64 3.84 0.01 | 39.62 2.94 0.01 | 31.75 2.32 0.01 | 27.79 2.11 -0.01 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 23.35 1.55 -0.01 | 22.53 1.13 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.46 1.03 0.01 | 26.85 1.90 0.01 | 29.45 2.26 0.01 | 27.65 2.26 0.01 | 27.12 2.22 0.01 | 27.06 2.24 0.01 | 28.71 2.35 -0.22 | 30.13 2.44 -0.30 | 32.62 2.68 -0.20 | 35.06 2.80 -0.08 | 37.11 2.97 0.01 | 41.06 3.04 0.01 | 48.08 4.25 0.01 | 49.75 4.03 0.01 | 47.22 3.74 0.01 | 44.64 3.84 0.01 | 39.62 2.94 0.01 | 31.75 2.32 0.01 | 27.79 2.11 -0.01 |
| ASTORIA_GT2_1 24094 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT2_2 24095 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT2_3 24096 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT2_4 24097 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT3_1 24098 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT3_2 24099 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT3_3 24100 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT3_4 24101 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT4_1 24102 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT4_2 24103 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT4_3 24104 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |

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| ASTORIA_GT4_4 24105 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.65 1.17 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.47 1.03 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.07 3.04 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.41 3.59 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.89 2.21 -0.01 |
| ASTORIA_GT_1 23523 | 23.39 1.59 -0.01 | 22.57 1.18 0.00 | 21.65 1.17 -0.01 | 20.54 1.11 0.00 | 20.56 1.09 -0.01 | 22.50 1.07 0.01 | 26.90 1.95 0.01 | 29.50 2.31 0.01 | 27.73 2.34 0.01 | 27.17 2.27 0.01 | 27.14 2.31 0.01 | 28.76 2.40 -0.22 | 30.22 2.52 -0.30 | 32.68 2.73 -0.20 | 35.16 2.90 -0.08 | 37.21 3.07 0.01 | 41.18 3.15 0.01 | 48.21 4.38 0.01 | 49.89 4.16 0.01 | 47.34 3.87 0.01 | 44.73 3.92 0.01 | 39.69 3.01 0.01 | 31.81 2.38 0.01 | 27.84 2.16 -0.01 |
| ASTORIA_GT_10 24110 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.63 1.15 -0.01 | 20.50 1.07 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.58 2.37 -0.01 | 27.81 2.39 -0.02 | 27.22 2.29 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.93 2.58 -6.96 | 38.40 2.83 -5.83 | 38.37 2.96 -3.23 | 38.09 3.04 -0.90 | 41.26 3.23 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.61 3.80 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 27.94 2.26 -0.01 |
| ASTORIA_GT_11 24225 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.63 1.15 -0.01 | 20.50 1.07 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.58 2.37 -0.01 | 27.81 2.39 -0.02 | 27.22 2.29 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.93 2.58 -6.96 | 38.40 2.83 -5.83 | 38.37 2.96 -3.23 | 38.09 3.04 -0.90 | 41.26 3.23 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.61 3.80 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 27.94 2.26 -0.01 |
| ASTORIA_GT_12 24226 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.63 1.15 -0.01 | 20.50 1.07 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.58 2.37 -0.01 | 27.81 2.39 -0.02 | 27.22 2.29 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.93 2.58 -6.96 | 38.40 2.83 -5.83 | 38.37 2.96 -3.23 | 38.09 3.04 -0.90 | 41.26 3.23 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.61 3.80 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 27.94 2.26 -0.01 |
| ASTORIA_GT_13 24227 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.63 1.15 -0.01 | 20.50 1.07 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.58 2.37 -0.01 | 27.81 2.39 -0.02 | 27.22 2.29 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.93 2.58 -6.96 | 38.40 2.83 -5.83 | 38.37 2.96 -3.23 | 38.09 3.04 -0.90 | 41.26 3.23 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.61 3.80 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 27.94 2.26 -0.01 |
| ASTORIA_GT_5 24106 | 23.39 1.59 -0.01 | 22.57 1.18 0.00 | 21.67 1.19 -0.01 | 20.54 1.11 0.00 | 20.56 1.09 -0.01 | 22.51 1.07 0.00 | 26.91 1.95 0.00 | 29.50 2.31 0.01 | 27.73 2.34 0.01 | 27.17 2.27 0.01 | 27.14 2.31 0.01 | 28.76 2.40 -0.22 | 30.25 2.55 -0.30 | 32.74 2.80 -0.20 | 35.15 2.90 -0.08 | 37.11 2.97 0.01 | 41.19 3.16 0.00 | 48.18 4.34 0.00 | 49.89 4.16 0.00 | 47.31 3.83 0.00 | 44.49 3.67 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.94 2.26 -0.01 |
| ASTORIA_GT_7 24107 | 23.39 1.59 -0.01 | 22.57 1.18 0.00 | 21.67 1.19 -0.01 | 20.54 1.11 0.00 | 20.56 1.09 -0.01 | 22.51 1.07 0.00 | 26.91 1.95 0.00 | 29.50 2.31 0.01 | 27.73 2.34 0.01 | 27.17 2.27 0.01 | 27.14 2.31 0.01 | 28.76 2.40 -0.22 | 30.25 2.55 -0.30 | 32.74 2.80 -0.20 | 35.15 2.90 -0.08 | 37.11 2.97 0.01 | 41.19 3.16 0.00 | 48.18 4.34 0.00 | 49.89 4.16 0.00 | 47.31 3.83 0.00 | 44.49 3.67 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.94 2.26 -0.01 |
| ASTORIA_GT_8 24108 | 23.39 1.59 -0.01 | 22.57 1.18 0.00 | 21.67 1.19 -0.01 | 20.54 1.11 0.00 | 20.56 1.09 -0.01 | 22.51 1.07 0.00 | 26.91 1.95 0.00 | 29.50 2.31 0.01 | 27.73 2.34 0.01 | 27.17 2.27 0.01 | 27.14 2.31 0.01 | 28.76 2.40 -0.22 | 30.25 2.55 -0.30 | 32.74 2.80 -0.20 | 35.15 2.90 -0.08 | 37.11 2.97 0.01 | 41.19 3.16 0.00 | 48.18 4.34 0.00 | 49.89 4.16 0.00 | 47.31 3.83 0.00 | 44.49 3.67 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.94 2.26 -0.01 |
| ASTORIA___2 24149 | 23.37 1.57 -0.01 | 22.55 1.15 0.00 | 21.63 1.15 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.46 1.03 0.01 | 26.87 1.92 0.01 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.16 2.47 -0.30 | 32.62 2.68 -0.20 | 35.09 2.83 -0.08 | 37.11 2.97 0.01 | 41.06 3.04 0.01 | 48.13 4.30 0.01 | 49.79 4.07 0.01 | 47.22 3.74 0.01 | 44.64 3.84 0.01 | 39.62 2.94 0.01 | 31.78 2.36 0.01 | 27.79 2.11 -0.01 |
| ASTORIA___3 23516 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.98 2.02 0.00 | 29.57 2.37 -0.01 | 27.80 2.39 -0.02 | 27.25 2.32 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.90 2.55 -6.96 | 38.37 2.80 -5.83 | 38.37 2.96 -3.23 | 38.16 3.11 -0.90 | 41.26 3.23 0.00 | 48.31 4.47 0.00 | 50.03 4.30 0.00 | 47.44 3.96 0.00 | 44.86 4.04 0.00 | 39.81 3.12 0.00 | 31.90 2.47 0.00 | 27.84 2.16 -0.01 |
| ASTORIA___4 23517 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.63 1.15 -0.01 | 20.50 1.07 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.58 2.37 -0.01 | 27.81 2.39 -0.02 | 27.22 2.29 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.93 2.58 -6.96 | 38.40 2.83 -5.83 | 38.37 2.96 -3.23 | 38.09 3.04 -0.90 | 41.26 3.23 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.61 3.80 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 27.94 2.26 -0.01 |
| ASTORIA___5 23518 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.98 2.02 0.00 | 29.57 2.37 -0.01 | 27.80 2.39 -0.02 | 27.25 2.32 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.90 2.55 -6.96 | 38.37 2.80 -5.83 | 38.37 2.96 -3.23 | 38.16 3.11 -0.90 | 41.26 3.23 0.00 | 48.31 4.47 0.00 | 50.03 4.30 0.00 | 47.44 3.96 0.00 | 44.86 4.04 0.00 | 39.81 3.12 0.00 | 31.90 2.47 0.00 | 27.84 2.16 -0.01 |
| AST_ENERGY_2_CC3 323677 | 23.23 1.44 0.00 | 22.47 1.07 0.00 | 21.45 0.98 0.00 | 20.36 0.93 0.00 | 20.39 0.93 0.00 | 22.47 1.03 0.00 | 26.81 1.85 0.00 | 29.38 2.18 0.00 | 27.63 2.24 0.00 | 27.08 2.17 0.00 | 27.02 2.19 0.00 | 28.67 2.30 -0.22 | 30.09 2.38 -0.31 | 32.57 2.62 -0.21 | 35.03 2.77 -0.08 | 37.05 2.90 0.00 | 41.03 3.00 0.00 | 48.18 4.34 0.00 | 49.94 4.20 0.00 | 47.35 3.87 0.00 | 44.65 3.84 0.00 | 39.59 2.90 0.00 | 31.73 2.30 0.00 | 27.68 2.00 0.00 |
| AST_ENERGY_2_CC4 323678 | 23.23 1.44 0.00 | 22.47 1.07 0.00 | 21.45 0.98 0.00 | 20.36 0.93 0.00 | 20.39 0.93 0.00 | 22.47 1.03 0.00 | 26.81 1.85 0.00 | 29.38 2.18 0.00 | 27.63 2.24 0.00 | 27.08 2.17 0.00 | 27.02 2.19 0.00 | 28.67 2.30 -0.22 | 30.09 2.38 -0.31 | 32.57 2.62 -0.21 | 35.03 2.77 -0.08 | 37.05 2.90 0.00 | 41.03 3.00 0.00 | 48.18 4.34 0.00 | 49.94 4.20 0.00 | 47.35 3.87 0.00 | 44.65 3.84 0.00 | 39.59 2.90 0.00 | 31.73 2.30 0.00 | 27.68 2.00 0.00 |

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|--------------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|
| ATHENS_STG_1 23668 | 22.53 0.74 0.00 | 21.89 0.49 0.00 | 20.94 0.47 0.00 | 19.88 0.45 0.00 | 19.91 0.45 0.00 | 21.93 0.49 0.00 | 25.88 0.92 0.00 | 28.21 1.01 0.00 | 26.36 0.96 0.00 | 25.80 0.90 0.00 | 25.73 0.89 0.00 | 27.18 0.94 -0.10 | 28.51 0.98 -0.13 | 30.90 1.07 -0.09 | 33.34 1.13 -0.04 | 35.41 1.26 0.00 | 39.40 1.37 0.00 | 45.94 2.10 0.00 | 47.88 2.15 0.00 | 45.44 1.96 0.00 | 42.73 1.92 0.00 | 38.09 1.39 0.00 | 30.49 1.06 0.00 | 26.60 0.92 0.00 |
| ATHENS_STG_2 23670 | 22.53 0.74 0.00 | 21.89 0.49 0.00 | 20.94 0.47 0.00 | 19.88 0.45 0.00 | 19.91 0.45 0.00 | 21.93 0.49 0.00 | 25.88 0.92 0.00 | 28.21 1.01 0.00 | 26.36 0.96 0.00 | 25.80 0.90 0.00 | 25.73 0.89 0.00 | 27.18 0.94 -0.10 | 28.51 0.98 -0.13 | 30.90 1.07 -0.09 | 33.34 1.13 -0.04 | 35.41 1.26 0.00 | 39.40 1.37 0.00 | 45.94 2.10 0.00 | 47.88 2.15 0.00 | 45.44 1.96 0.00 | 42.73 1.92 0.00 | 38.09 1.39 0.00 | 30.49 1.06 0.00 | 26.60 0.92 0.00 |
| ATHENS_STG_3 23677 | 22.53 0.74 0.00 | 21.89 0.49 0.00 | 20.94 0.47 0.00 | 19.88 0.45 0.00 | 19.91 0.45 0.00 | 21.93 0.49 0.00 | 25.88 0.92 0.00 | 28.21 1.01 0.00 | 26.36 0.96 0.00 | 25.80 0.90 0.00 | 25.73 0.89 0.00 | 27.18 0.94 -0.10 | 28.51 0.98 -0.13 | 30.90 1.07 -0.09 | 33.34 1.13 -0.04 | 35.41 1.26 0.00 | 39.40 1.37 0.00 | 45.94 2.10 0.00 | 47.88 2.15 0.00 | 45.44 1.96 0.00 | 42.73 1.92 0.00 | 38.09 1.39 0.00 | 30.49 1.06 0.00 | 26.60 0.92 0.00 |
| AUBURN___LFGE 323710 | 21.97 0.17 0.00 | 21.37 -0.02 0.00 | 20.41 -0.06 0.00 | 19.35 -0.08 0.00 | 19.40 -0.06 0.00 | 21.44 0.00 0.00 | 25.23 0.27 0.00 | 27.61 0.41 0.00 | 25.81 0.41 0.00 | 25.36 0.45 0.00 | 25.31 0.47 0.00 | 26.66 0.52 0.00 | 27.92 0.52 0.00 | 30.37 0.62 0.00 | 32.92 0.74 0.00 | 34.93 0.79 0.00 | 38.94 0.91 0.00 | 45.19 1.36 0.00 | 47.20 1.46 0.00 | 44.96 1.48 0.00 | 42.04 1.22 0.00 | 37.54 0.84 0.00 | 30.11 0.68 0.00 | 26.04 0.36 0.00 |
| BABYLON_RES_REC 323704 | 23.45 1.66 0.00 | 22.66 1.26 0.00 | 21.49 1.02 0.00 | 20.54 1.11 0.00 | 20.45 0.99 0.00 | 22.71 1.26 0.00 | 26.86 1.90 0.00 | 29.73 2.53 0.00 | 27.86 2.46 0.00 | 27.28 2.37 0.00 | 27.12 2.28 0.00 | 28.87 2.51 -0.22 | 30.28 2.57 -0.31 | 32.51 2.56 -0.21 | 35.00 2.73 -0.08 | 36.98 2.83 0.00 | 41.19 3.15 0.00 | 48.44 4.60 0.00 | 50.35 4.62 0.00 | 47.89 4.35 -0.06 | 45.14 4.32 0.00 | 39.96 3.23 -0.04 | 31.84 2.41 0.00 | 28.24 2.57 0.00 |
| BABYLON__69_KV_BK2 356345 | 23.73 1.94 0.00 | 22.96 1.56 0.00 | 21.86 1.39 0.00 | 20.79 1.36 0.00 | 20.71 1.25 0.00 | 23.01 1.57 0.00 | 27.16 2.20 0.00 | 29.98 2.77 -0.01 | 28.22 2.82 0.00 | 27.60 2.69 0.00 | 27.47 2.63 0.00 | 29.24 2.88 -0.22 | 30.69 2.99 -0.31 | 33.05 3.09 -0.21 | 35.39 3.12 -0.08 | 37.42 3.28 0.00 | 41.76 3.73 -0.01 | 48.75 4.91 0.00 | 50.68 4.94 -0.01 | 48.05 4.39 -0.17 | 44.94 4.12 -0.01 | 40.33 3.52 -0.12 | 32.20 2.77 0.00 | 28.65 2.98 0.00 |
| BALL_HILL_WT_PWR 323825 | 22.36 0.57 0.00 | 21.48 0.09 0.00 | 20.55 0.08 0.00 | 19.53 0.10 0.00 | 19.52 0.06 0.00 | 21.55 0.11 0.00 | 24.41 -0.02 0.53 | 26.14 0.08 1.15 | 25.21 0.31 0.49 | 25.14 0.50 0.26 | 25.34 0.77 0.27 | 26.38 0.68 0.43 | 26.83 0.19 0.75 | 28.96 0.27 1.05 | 31.46 0.48 1.21 | 33.09 0.38 1.43 | 36.89 0.42 1.55 | 41.45 0.26 2.66 | 44.74 0.91 1.91 | 42.86 1.00 1.62 | 39.07 0.53 2.27 | 34.72 -0.18 1.79 | 29.34 0.18 0.27 | 26.01 0.33 0.00 |
| BARON_WINDS___WT_PWR 323822 | 22.18 0.39 0.00 | 21.40 0.00 0.00 | 20.45 -0.02 0.00 | 19.41 -0.02 0.00 | 19.42 -0.04 0.00 | 21.46 0.02 0.00 | 24.63 0.05 0.38 | 26.57 0.19 0.82 | 25.38 0.33 0.35 | 25.19 0.47 0.19 | 25.24 0.60 0.19 | 26.40 0.55 0.29 | 27.16 0.27 0.51 | 29.37 0.36 0.73 | 31.84 0.51 0.86 | 33.50 0.38 1.03 | 37.38 0.46 1.11 | 42.50 0.57 1.90 | 45.46 1.10 1.36 | 43.54 1.22 1.16 | 40.01 0.82 1.62 | 35.56 0.15 1.28 | 29.62 0.38 0.20 | 26.03 0.36 0.00 |
| BARRETT_IC_1 23704 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT_IC_10 23701 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT_IC_11 23702 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT_IC_12 23703 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT_IC_2 23705 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT_IC_3 23706 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT_IC_4 23707 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |

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| BARRETT_IC_5 23708 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT_IC_6 23709 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT_IC_7 23710 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.45 0.98 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.68 1.72 0.00 | 29.51 2.31 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.12 2.41 -0.31 | 32.48 2.53 -0.21 | 34.78 2.51 -0.08 | 36.77 2.63 0.00 | 41.00 2.97 0.00 | 47.82 3.99 0.00 | 49.85 4.12 0.00 | 47.31 3.83 0.00 | 44.33 3.51 0.00 | 39.74 3.05 0.00 | 31.61 2.18 0.00 | 28.01 2.34 0.00 |
| BARRETT_IC_8 23711 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT_IC_9 23700 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT___1 23545 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BARRETT___2 23546 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.39 0.92 0.00 | 20.40 0.97 0.00 | 20.34 0.88 0.00 | 22.56 1.11 0.00 | 26.71 1.75 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.85 2.70 -0.01 | 40.96 2.93 -0.01 | 48.14 4.30 -0.01 | 49.99 4.25 -0.01 | 47.58 4.09 -0.01 | 44.90 4.08 -0.01 | 39.78 3.08 -0.01 | 31.64 2.21 0.00 | 27.96 2.28 0.00 |
| BATAVIA__115KV_TB1 55881 | 22.27 0.48 0.00 | 21.44 0.04 0.00 | 20.49 0.02 0.00 | 19.55 0.12 0.00 | 19.50 0.04 0.00 | 21.55 0.11 0.00 | 24.75 0.37 0.58 | 26.29 0.35 1.26 | 25.34 0.48 0.54 | 25.22 0.60 0.29 | 25.36 0.82 0.29 | 26.39 0.73 0.48 | 26.87 0.30 0.83 | 28.91 0.33 1.16 | 31.49 0.64 1.33 | 33.32 0.75 1.58 | 37.30 0.99 1.71 | 42.22 1.32 2.93 | 45.41 1.78 2.10 | 43.39 1.70 1.79 | 39.66 1.35 2.50 | 35.34 0.62 1.98 | 29.84 0.71 0.30 | 25.91 0.23 0.00 |
| BAYONEEC___CTG1 323682 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| BAYONEEC___CTG10 323750 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| BAYONEEC___CTG2 323683 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| BAYONEEC___CTG3 323684 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| BAYONEEC___CTG4 323685 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| BAYONEEC___CTG5 323686 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| BAYONEEC___CTG6 323687 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| BAYONEEC___CTG8 323689 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| BAYONEEC___CTG9 323749 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.47 1.00 0.00 | 20.38 0.95 0.00 | 20.41 0.95 0.00 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.10 2.83 -0.08 | 37.11 2.97 0.00 | 41.07 3.04 0.00 | 48.22 4.38 0.00 | 49.99 4.25 0.00 | 47.40 3.92 0.00 | 44.70 3.88 0.00 | 39.63 2.94 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| BEACON___LESR 323632 | 22.55 0.76 0.00 | 21.99 0.60 0.00 | 21.02 0.55 0.00 | 20.01 0.58 0.00 | 20.00 0.54 0.00 | 22.06 0.62 0.00 | 25.88 0.92 0.00 | 27.91 0.71 0.00 | 25.93 0.53 0.00 | 25.43 0.52 0.00 | 25.31 0.47 0.00 | 26.50 0.47 0.11 | 27.82 0.58 0.16 | 30.29 0.65 0.10 | 32.91 0.77 0.04 | 35.10 0.95 0.00 | 39.13 1.10 0.00 | 45.72 1.88 0.00 | 47.74 2.01 0.00 | 45.27 1.78 0.00 | 42.61 1.79 0.00 | 37.94 1.25 0.00 | 30.31 0.88 0.00 | 26.47 0.80 0.00 |
| BEAVER RIVER___HYD 24048 | 21.84 0.04 0.00 | 21.48 0.09 0.00 | 20.70 0.23 0.00 | 19.62 0.19 0.00 | 19.68 0.21 0.00 | 21.59 0.15 0.00 | 25.16 0.20 0.00 | 27.61 0.41 0.00 | 25.65 0.25 0.00 | 25.06 0.15 0.00 | 24.96 0.12 0.00 | 26.24 0.10 0.00 | 27.53 0.14 0.00 | 29.86 0.12 0.00 | 32.28 0.10 0.00 | 34.25 0.10 0.00 | 38.30 0.27 0.00 | 44.36 0.53 0.00 | 46.46 0.73 0.00 | 44.40 0.91 0.00 | 41.31 0.49 0.00 | 37.02 0.33 0.00 | 29.61 0.18 0.00 | 25.75 0.08 0.00 |
| BEEBEE_GT_13 23619 | 21.94 0.15 0.00 | 21.22 -0.17 0.00 | 20.29 -0.18 0.00 | 19.31 -0.12 0.00 | 19.29 -0.18 0.00 | 21.31 -0.13 0.00 | 24.56 0.22 0.62 | 26.12 0.27 1.35 | 25.17 0.36 0.58 | 25.07 0.47 0.31 | 25.17 0.65 0.31 | 26.23 0.60 0.51 | 26.86 0.36 0.89 | 28.92 0.42 1.24 | 31.40 0.64 1.43 | 33.24 0.79 1.69 | 37.07 0.87 1.84 | 41.84 1.14 3.14 | 44.90 1.42 2.25 | 42.83 1.26 1.92 | 39.15 1.02 2.68 | 35.09 0.51 2.12 | 29.64 0.53 0.32 | 25.70 0.03 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 23.59 1.79 -0.01 | 22.79 1.39 -0.01 | 21.81 1.33 -0.01 | 20.66 1.22 -0.01 | 20.69 1.23 -0.01 | 22.77 1.33 0.00 | 27.21 2.25 -0.01 | 29.79 2.58 -0.01 | 28.01 2.59 -0.02 | 27.42 2.49 -0.02 | 33.21 2.53 -5.85 | 41.84 2.67 -13.03 | 41.04 2.82 -10.82 | 40.81 3.12 -7.94 | 39.36 3.28 -3.89 | 38.79 3.38 -1.27 | 41.72 3.69 0.00 | 48.75 4.91 0.00 | 50.53 4.80 0.00 | 47.88 4.39 0.00 | 45.06 4.24 0.00 | 40.53 3.56 -0.28 | 32.21 2.77 -0.01 | 28.20 2.52 -0.01 |
| BETHLEHEM___GRP 23843 | 22.25 0.46 0.00 | 21.72 0.32 0.00 | 20.78 0.31 0.00 | 19.78 0.35 0.00 | 19.77 0.31 0.00 | 21.76 0.32 0.00 | 25.51 0.55 0.00 | 27.47 0.27 0.00 | 25.58 0.18 0.00 | 25.08 0.17 0.00 | 24.93 0.10 0.00 | 26.14 0.10 0.11 | 27.41 0.16 0.15 | 29.86 0.21 0.10 | 32.37 0.23 0.04 | 34.45 0.31 0.00 | 38.41 0.38 0.00 | 44.71 0.88 0.00 | 46.74 1.01 0.00 | 44.35 0.87 0.00 | 41.63 0.82 0.00 | 37.21 0.51 0.00 | 29.75 0.32 0.00 | 26.01 0.33 0.00 |
| BETHLEHEM___GS1 323560 | 22.25 0.46 0.00 | 21.72 0.32 0.00 | 20.76 0.29 0.00 | 19.78 0.35 0.00 | 19.77 0.31 0.00 | 21.76 0.32 0.00 | 25.51 0.55 0.00 | 27.47 0.27 0.00 | 25.58 0.18 0.00 | 25.09 0.18 0.00 | 24.93 0.10 0.00 | 26.14 0.10 0.11 | 27.42 0.17 0.15 | 29.83 0.18 0.10 | 32.37 0.23 0.04 | 34.49 0.34 0.00 | 38.41 0.38 0.00 | 44.76 0.92 0.00 | 46.74 1.00 0.00 | 44.35 0.87 0.00 | 41.71 0.90 0.00 | 37.21 0.51 0.00 | 29.75 0.32 0.00 | 25.98 0.31 0.00 |
| BETHLEHEM___GS2 323561 | 22.25 0.46 0.00 | 21.72 0.32 0.00 | 20.76 0.29 0.00 | 19.78 0.35 0.00 | 19.77 0.31 0.00 | 21.76 0.32 0.00 | 25.51 0.55 0.00 | 27.47 0.27 0.00 | 25.58 0.18 0.00 | 25.09 0.18 0.00 | 24.93 0.10 0.00 | 26.14 0.10 0.11 | 27.42 0.17 0.15 | 29.83 0.18 0.10 | 32.37 0.23 0.04 | 34.49 0.34 0.00 | 38.41 0.38 0.00 | 44.76 0.92 0.00 | 46.74 1.00 0.00 | 44.35 0.87 0.00 | 41.71 0.90 0.00 | 37.21 0.51 0.00 | 29.75 0.32 0.00 | 25.98 0.31 0.00 |
| BETHLEHEM___GS3 323562 | 22.25 0.46 0.00 | 21.72 0.32 0.00 | 20.76 0.29 0.00 | 19.78 0.35 0.00 | 19.77 0.31 0.00 | 21.76 0.32 0.00 | 25.51 0.55 0.00 | 27.47 0.27 0.00 | 25.58 0.18 0.00 | 25.09 0.18 0.00 | 24.93 0.10 0.00 | 26.14 0.10 0.11 | 27.42 0.17 0.15 | 29.83 0.18 0.10 | 32.37 0.23 0.04 | 34.49 0.34 0.00 | 38.41 0.38 0.00 | 44.76 0.92 0.00 | 46.74 1.00 0.00 | 44.35 0.87 0.00 | 41.71 0.90 0.00 | 37.21 0.51 0.00 | 29.75 0.32 0.00 | 25.98 0.31 0.00 |
| BETHLEHEM___STEEL 23779 | 22.23 0.44 0.00 | 21.40 0.00 0.00 | 20.41 -0.06 0.00 | 19.47 0.04 0.00 | 19.44 -0.02 0.00 | 21.46 0.02 0.00 | 24.27 -0.15 0.54 | 25.93 -0.11 1.16 | 25.03 0.13 0.50 | 24.97 0.32 0.27 | 25.11 0.55 0.27 | 26.17 0.47 0.44 | 26.58 -0.05 0.76 | 28.62 -0.06 1.06 | 31.25 0.29 1.23 | 32.93 0.24 1.45 | 36.61 0.15 1.57 | 41.37 0.22 2.69 | 44.40 0.59 1.93 | 42.49 0.65 1.64 | 38.68 0.16 2.30 | 34.48 -0.40 1.81 | 29.15 0.00 0.28 | 25.68 0.00 0.00 |
| BETHLHEM_115KV_TB1 79974 | 22.27 0.48 0.00 | 21.74 0.34 0.00 | 20.80 0.33 0.00 | 19.78 0.35 0.00 | 19.79 0.33 0.00 | 21.78 0.34 0.00 | 25.53 0.57 0.00 | 27.55 0.35 0.00 | 25.65 0.25 0.00 | 25.16 0.25 0.00 | 25.03 0.20 0.00 | 26.25 0.21 0.10 | 27.51 0.25 0.14 | 29.95 0.30 0.09 | 32.47 0.32 0.04 | 34.56 0.41 0.00 | 38.52 0.49 0.00 | 44.84 1.01 0.00 | 46.88 1.14 0.00 | 44.48 1.00 0.00 | 41.71 0.90 0.00 | 37.32 0.62 0.00 | 29.84 0.41 0.00 | 26.09 0.41 0.00 |
| BETHPAGE_CC_5 323564 | 23.34 1.55 0.00 | 22.55 1.15 0.00 | 21.41 0.94 0.00 | 20.42 0.99 0.00 | 20.36 0.90 0.00 | 22.60 1.16 0.00 | 26.73 1.77 0.00 | 29.57 2.37 0.00 | 27.73 2.34 0.00 | 27.15 2.24 0.00 | 27.04 2.21 0.00 | 28.77 2.40 -0.22 | 30.17 2.47 -0.31 | 32.39 2.44 -0.21 | 34.87 2.61 -0.08 | 36.84 2.70 0.00 | 40.88 2.85 0.00 | 48.04 4.21 0.00 | 49.89 4.16 0.00 | 47.48 4.00 0.00 | 44.82 4.00 0.00 | 39.70 3.01 0.00 | 31.67 2.24 0.00 | 28.06 2.39 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 22.27 0.48 0.00 | 21.44 0.04 0.00 | 20.45 -0.02 0.00 | 19.51 0.08 0.00 | 19.48 0.02 0.00 | 21.53 0.09 0.00 | 24.23 -0.20 0.53 | 25.89 -0.16 1.15 | 24.98 0.08 0.49 | 24.92 0.27 0.26 | 25.09 0.52 0.27 | 26.15 0.44 0.44 | 26.50 -0.14 0.76 | 28.60 -0.09 1.05 | 31.19 0.23 1.21 | 32.88 0.17 1.44 | 36.59 0.11 1.56 | 41.31 0.13 2.66 | 44.32 0.50 1.91 | 42.42 0.57 1.63 | 38.66 0.12 2.28 | 34.46 -0.44 1.80 | 29.13 -0.03 0.27 | 25.73 0.05 0.00 |

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| BINGHAMTON___COGEN 23790 | 22.23 0.44 0.00 | 21.59 0.19 0.00 | 20.61 0.14 0.00 | 19.57 0.14 0.00 | 19.62 0.16 0.00 | 21.66 0.21 0.00 | 25.24 0.42 0.15 | 27.40 0.52 0.32 | 25.82 0.56 0.14 | 25.41 0.57 0.07 | 25.38 0.62 0.07 | 26.68 0.63 0.09 | 27.78 0.55 0.16 | 30.11 0.62 0.26 | 32.63 0.77 0.33 | 34.53 0.79 0.40 | 38.55 0.95 0.43 | 44.45 1.36 0.74 | 46.71 1.51 0.53 | 44.51 1.48 0.45 | 41.37 1.18 0.63 | 37.00 0.81 0.50 | 30.06 0.71 0.08 | 26.24 0.56 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 22.40 0.61 0.00 | 21.57 0.17 0.00 | 20.51 0.04 0.00 | 19.53 0.10 0.00 | 19.50 0.04 0.00 | 21.53 0.09 0.00 | 23.96 -0.50 0.50 | 25.67 -0.44 1.09 | 24.85 -0.08 0.47 | 24.88 0.22 0.25 | 25.05 0.47 0.25 | 25.96 0.24 0.41 | 26.29 -0.38 0.72 | 28.48 -0.27 1.00 | 31.06 0.03 1.15 | 32.68 -0.10 1.37 | 36.51 -0.04 1.48 | 41.17 -0.13 2.53 | 44.28 0.37 1.82 | 42.50 0.57 1.55 | 38.65 0.00 2.16 | 34.51 -0.48 1.71 | 29.08 -0.09 0.26 | 25.83 0.15 0.00 |
| BLACK RIVER___HYD 24047 | 21.88 0.09 0.00 | 21.44 0.04 0.00 | 20.60 0.12 0.00 | 19.53 0.10 0.00 | 19.60 0.14 0.00 | 21.57 0.13 0.00 | 25.28 0.22 -0.10 | 27.83 0.41 -0.22 | 25.72 0.23 -0.09 | 25.08 0.13 -0.05 | 24.96 0.07 -0.05 | 26.27 0.05 -0.08 | 27.65 0.11 -0.14 | 30.03 0.09 -0.20 | 32.54 0.13 -0.23 | 34.56 0.14 -0.27 | 38.59 0.27 -0.30 | 45.00 0.66 -0.51 | 47.10 1.00 -0.36 | 45.10 1.30 -0.31 | 42.23 0.98 -0.43 | 37.73 0.70 -0.34 | 29.92 0.44 -0.05 | 25.93 0.26 0.00 |
| BLACKRVR_115KV_TB2 79977 | 21.88 0.09 0.00 | 21.44 0.04 0.00 | 20.59 0.12 0.00 | 19.53 0.10 0.00 | 19.60 0.14 0.00 | 21.57 0.13 0.00 | 25.31 0.25 -0.10 | 27.83 0.41 -0.22 | 25.72 0.23 -0.09 | 25.08 0.12 -0.05 | 24.96 0.07 -0.05 | 26.27 0.05 -0.08 | 27.62 0.08 -0.14 | 30.03 0.09 -0.20 | 32.54 0.13 -0.23 | 34.62 0.20 -0.27 | 38.59 0.27 -0.30 | 45.04 0.70 -0.51 | 47.15 1.05 -0.36 | 45.10 1.30 -0.31 | 42.31 1.06 -0.43 | 37.73 0.70 -0.34 | 29.92 0.44 -0.05 | 25.91 0.23 0.00 |
| BLISS_WT_PWR 323608 | 22.38 0.59 0.00 | 21.55 0.15 0.00 | 20.55 0.08 0.00 | 19.47 0.04 0.00 | 19.44 -0.02 0.00 | 21.44 0.00 0.00 | 23.83 -0.62 0.50 | 25.57 -0.54 1.09 | 24.80 -0.13 0.47 | 24.86 0.20 0.25 | 25.00 0.42 0.25 | 25.88 0.16 0.41 | 26.32 -0.36 0.72 | 28.60 -0.15 1.00 | 31.00 -0.03 1.15 | 32.58 -0.20 1.37 | 36.43 -0.11 1.48 | 40.87 -0.44 2.53 | 44.19 0.28 1.82 | 42.46 0.52 1.55 | 38.69 0.04 2.16 | 34.40 -0.59 1.71 | 29.05 -0.12 0.26 | 26.01 0.33 0.00 |
| BLUESTONE___WT_PWR 323821 | 23.25 1.46 0.00 | 22.57 1.18 0.00 | 21.54 1.06 0.00 | 20.40 0.97 0.00 | 20.47 1.01 0.00 | 22.62 1.18 0.00 | 26.45 1.62 0.13 | 28.83 1.90 0.28 | 27.03 1.75 0.12 | 26.52 1.67 0.06 | 26.38 1.61 0.06 | 27.87 1.80 0.07 | 29.21 1.95 0.13 | 31.67 2.14 0.22 | 34.32 2.41 0.28 | 36.47 2.67 0.34 | 40.85 3.19 0.37 | 47.45 4.25 0.64 | 49.89 4.62 0.46 | 47.48 4.39 0.39 | 44.23 3.96 0.55 | 39.38 3.12 0.43 | 31.78 2.41 0.07 | 27.68 2.00 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 22.45 0.65 0.00 | 21.91 0.51 0.00 | 20.96 0.49 0.00 | 19.92 0.49 0.00 | 19.93 0.47 0.00 | 21.96 0.51 0.00 | 25.68 0.72 0.00 | 27.77 0.57 0.00 | 25.83 0.43 0.00 | 25.28 0.37 0.00 | 25.13 0.30 0.00 | 26.36 0.29 0.06 | 27.67 0.36 0.09 | 30.10 0.42 0.06 | 32.64 0.48 0.02 | 34.73 0.58 0.00 | 38.75 0.72 0.00 | 45.15 1.32 0.00 | 47.20 1.46 0.00 | 44.83 1.35 0.00 | 42.08 1.27 0.00 | 37.65 0.95 0.00 | 30.14 0.71 0.00 | 26.37 0.69 0.00 |
| BOC_GAS_DRP 24189 | 22.31 0.52 0.00 | 21.76 0.36 0.00 | 20.82 0.35 0.00 | 19.78 0.35 0.00 | 19.81 0.35 0.00 | 21.81 0.36 0.00 | 25.61 0.65 0.00 | 27.77 0.57 0.00 | 25.91 0.51 0.00 | 25.38 0.47 0.00 | 25.26 0.42 0.00 | 26.52 0.44 0.07 | 27.80 0.49 0.09 | 30.25 0.57 0.06 | 32.74 0.58 0.02 | 34.79 0.65 0.00 | 38.79 0.76 0.00 | 45.11 1.27 0.00 | 47.10 1.37 0.00 | 44.70 1.22 0.00 | 41.96 1.14 0.00 | 37.54 0.84 0.00 | 30.05 0.62 0.00 | 26.27 0.59 0.00 |
| BOONVILLE_115KV_TB1 79983 | 22.23 0.44 0.00 | 21.76 0.36 0.00 | 20.90 0.43 0.00 | 19.82 0.39 0.00 | 19.87 0.41 0.00 | 21.83 0.39 0.00 | 25.51 0.55 0.00 | 27.99 0.79 0.00 | 26.11 0.71 0.00 | 25.56 0.65 0.00 | 25.43 0.60 0.00 | 26.82 0.68 0.00 | 28.14 0.74 0.00 | 30.55 0.80 0.00 | 33.08 0.90 0.00 | 35.17 1.02 0.00 | 39.28 1.25 0.00 | 45.46 1.62 0.00 | 47.56 1.83 0.00 | 45.27 1.78 0.00 | 42.24 1.43 0.00 | 37.72 1.03 0.00 | 30.14 0.71 0.00 | 26.24 0.56 0.00 |
| BORALEX_4TH_BRANCH 23824 | 22.84 1.05 0.00 | 22.19 0.79 0.00 | 21.23 0.76 0.00 | 20.17 0.74 0.00 | 20.22 0.76 0.00 | 22.30 0.86 0.00 | 26.23 1.27 0.00 | 28.42 1.22 0.00 | 26.39 0.99 0.00 | 25.78 0.87 0.00 | 25.60 0.77 0.00 | 26.65 0.78 0.27 | 27.87 0.85 0.37 | 30.45 0.95 0.25 | 33.05 0.97 0.10 | 35.24 1.09 0.00 | 39.32 1.29 0.00 | 45.94 2.10 0.00 | 48.16 2.42 0.00 | 45.74 2.26 0.00 | 43.02 2.20 0.00 | 38.38 1.69 0.00 | 30.64 1.21 0.00 | 26.81 1.13 0.00 |
| BOWLINE___1 23526 | 23.06 1.26 0.00 | 22.29 0.90 0.00 | 21.31 0.84 0.00 | 20.23 0.80 0.00 | 20.26 0.80 0.00 | 22.34 0.90 0.00 | 26.61 1.65 0.00 | 29.10 1.90 0.00 | 27.30 1.91 0.00 | 26.75 1.84 0.00 | 26.67 1.84 0.00 | 28.29 1.93 -0.21 | 29.66 1.97 -0.29 | 32.09 2.14 -0.20 | 34.51 2.25 -0.08 | 36.54 2.39 0.00 | 40.58 2.55 0.00 | 47.56 3.72 0.00 | 49.39 3.66 0.00 | 46.83 3.35 0.00 | 44.08 3.27 0.00 | 39.11 2.42 0.00 | 31.34 1.91 0.00 | 27.37 1.69 0.00 |
| BOWLINE___2 23595 | 23.06 1.26 0.00 | 22.29 0.90 0.00 | 21.31 0.84 0.00 | 20.23 0.80 0.00 | 20.26 0.80 0.00 | 22.34 0.90 0.00 | 26.61 1.65 0.00 | 29.10 1.90 0.00 | 27.30 1.91 0.00 | 26.75 1.84 0.00 | 26.67 1.84 0.00 | 28.29 1.93 -0.21 | 29.66 1.97 -0.29 | 32.09 2.14 -0.20 | 34.48 2.22 -0.08 | 36.50 2.35 0.00 | 40.50 2.47 0.00 | 47.47 3.64 0.00 | 49.30 3.57 0.00 | 46.79 3.30 0.00 | 44.04 3.22 0.00 | 39.08 2.38 0.00 | 31.32 1.89 0.00 | 27.37 1.69 0.00 |
| BRADY___115KV_TB2 356060 | 21.62 -0.17 0.00 | 21.57 0.17 0.00 | 20.66 0.18 0.00 | 19.59 0.16 0.00 | 19.62 0.16 0.00 | 21.61 0.17 0.00 | 24.78 -0.17 0.00 | 27.09 -0.11 0.00 | 25.17 -0.23 0.00 | 24.64 -0.27 0.00 | 24.59 -0.25 0.00 | 25.90 -0.24 0.00 | 27.18 -0.22 0.00 | 29.36 -0.39 0.00 | 31.67 -0.51 0.00 | 33.60 -0.55 0.00 | 37.54 -0.49 0.00 | 42.08 -1.75 0.00 | 43.81 -1.92 0.00 | 41.92 -1.57 0.00 | 40.00 -0.82 0.00 | 36.14 -0.55 0.00 | 29.11 -0.32 0.00 | 25.44 -0.23 0.00 |
| BRANSCOMB___SOLAR 323811 | 22.90 1.11 0.00 | 22.29 0.90 0.00 | 21.37 0.90 0.00 | 20.28 0.85 0.00 | 20.30 0.84 0.00 | 22.43 0.99 0.00 | 26.06 1.10 0.00 | 28.18 0.98 0.00 | 26.21 0.81 0.00 | 25.66 0.75 0.00 | 25.56 0.72 0.00 | 26.68 0.68 0.14 | 28.00 0.79 0.19 | 30.48 0.86 0.13 | 33.03 0.90 0.05 | 35.27 1.13 0.00 | 39.36 1.33 0.00 | 45.98 2.15 0.00 | 48.11 2.38 0.00 | 45.70 2.22 0.00 | 42.98 2.16 0.00 | 38.23 1.54 0.00 | 30.67 1.24 0.00 | 26.80 1.13 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 23.69 1.90 0.00 | 22.89 1.50 0.00 | 21.80 1.33 0.00 | 20.75 1.32 0.00 | 20.65 1.19 0.00 | 22.96 1.52 0.00 | 27.11 2.15 0.00 | 29.84 2.64 0.00 | 28.17 2.77 0.00 | 27.55 2.64 0.00 | 27.39 2.56 0.00 | 29.19 2.82 -0.22 | 30.61 2.90 -0.31 | 32.93 2.97 -0.21 | 35.23 2.96 -0.08 | 37.22 3.07 0.00 | 41.53 3.50 0.00 | 48.39 4.56 0.00 | 50.22 4.48 0.00 | 47.40 3.78 -0.13 | 44.45 3.63 0.00 | 39.94 3.16 -0.09 | 32.08 2.65 0.00 | 28.58 2.90 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 21.55 -0.24 0.00 | 21.01 -0.39 0.00 | 20.08 -0.39 0.00 | 19.06 -0.37 0.00 | 19.09 -0.37 0.00 | 21.08 -0.36 0.00 | 25.13 -0.25 -0.42 | 27.90 -0.22 -0.91 | 25.61 -0.18 -0.39 | 24.97 -0.15 -0.21 | 24.90 -0.15 -0.21 | 26.36 -0.13 -0.35 | 27.83 -0.16 -0.60 | 30.46 -0.12 -0.84 | 33.05 -0.10 -0.97 | 35.19 -0.10 -1.14 | 39.12 -0.15 -1.24 | 46.04 0.09 -2.12 | 47.39 0.14 -1.52 | 44.95 0.17 -1.30 | 42.67 0.04 -1.81 | 38.01 -0.11 -1.43 | 29.62 -0.03 -0.22 | 25.52 -0.15 0.00 |
| BROOKHAVEN___DRP 24191 | 23.40 1.61 0.00 | 22.68 1.28 0.00 | 21.60 1.13 0.00 | 20.56 1.13 0.00 | 20.45 0.99 0.00 | 22.73 1.29 0.00 | 26.76 1.80 0.00 | 30.02 2.77 -0.04 | 27.81 2.41 0.00 | 27.20 2.29 0.00 | 26.97 2.14 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.42 2.47 -0.21 | 34.71 2.45 -0.08 | 36.71 2.56 0.00 | 41.15 3.08 -0.04 | 47.91 4.08 0.00 | 50.07 4.30 -0.04 | 48.83 4.04 -1.30 | 44.69 3.84 -0.04 | 40.80 3.23 -0.87 | 31.58 2.15 0.00 | 28.22 2.54 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 23.21 1.42 0.00 | 22.42 1.03 0.00 | 21.43 0.96 0.00 | 20.32 0.89 0.00 | 20.36 0.90 0.00 | 22.45 1.01 0.00 | 26.83 1.87 0.00 | 29.40 2.20 0.00 | 27.66 2.26 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.06 2.80 -0.08 | 37.08 2.94 0.00 | 41.07 3.04 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.44 3.96 0.00 | 44.70 3.88 0.00 | 39.59 2.90 0.00 | 31.76 2.32 0.00 | 27.68 2.00 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| BROOKVLE_69_KV_TB1 55790 | 23.43 1.63 0.00 | 22.64 1.24 0.00 | 21.60 1.13 0.00 | 20.52 1.09 0.00 | 20.47 1.01 0.00 | 22.66 1.22 0.00 | 26.88 1.92 0.00 | 29.65 2.45 0.00 | 27.81 2.41 0.00 | 27.25 2.34 0.00 | 27.17 2.33 0.00 | 28.90 2.54 -0.22 | 30.34 2.63 -0.31 | 32.78 2.83 -0.21 | 35.13 2.86 -0.08 | 37.15 3.00 0.00 | 41.22 3.19 0.00 | 48.18 4.34 0.00 | 50.17 4.44 0.00 | 47.61 4.13 0.00 | 44.61 3.80 0.00 | 40.03 3.34 0.00 | 31.84 2.41 0.00 | 28.11 2.44 0.00 |
| BROOME_2_LFGE 323671 | 22.23 0.44 0.00 | 21.59 0.19 0.00 | 20.63 0.16 0.00 | 19.57 0.14 0.00 | 19.62 0.15 0.00 | 21.66 0.21 0.00 | 25.24 0.42 0.15 | 27.40 0.52 0.32 | 25.82 0.56 0.14 | 25.41 0.57 0.07 | 25.38 0.62 0.07 | 26.68 0.63 0.09 | 27.81 0.58 0.16 | 30.14 0.65 0.26 | 32.63 0.77 0.33 | 34.53 0.79 0.40 | 38.55 0.95 0.43 | 44.41 1.31 0.74 | 46.71 1.51 0.53 | 44.51 1.48 0.45 | 41.49 1.31 0.63 | 37.00 0.81 0.50 | 30.06 0.71 0.08 | 26.27 0.59 0.00 |
| BROOME___LFGE 323600 | 22.23 0.44 0.00 | 21.59 0.19 0.00 | 20.63 0.16 0.00 | 19.57 0.14 0.00 | 19.62 0.15 0.00 | 21.66 0.21 0.00 | 25.24 0.42 0.15 | 27.40 0.52 0.32 | 25.82 0.56 0.14 | 25.41 0.57 0.07 | 25.38 0.62 0.07 | 26.68 0.63 0.09 | 27.81 0.58 0.16 | 30.14 0.65 0.26 | 32.63 0.77 0.33 | 34.53 0.79 0.40 | 38.55 0.95 0.43 | 44.41 1.31 0.74 | 46.71 1.51 0.53 | 44.51 1.48 0.45 | 41.49 1.31 0.63 | 37.00 0.81 0.50 | 30.06 0.71 0.08 | 26.27 0.59 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 21.66 -0.13 0.00 | 21.42 0.02 0.00 | 20.57 0.10 0.00 | 19.53 0.10 0.00 | 19.58 0.12 0.00 | 21.51 0.06 0.00 | 24.88 -0.07 0.00 | 27.28 0.08 0.00 | 25.37 -0.03 0.00 | 24.81 -0.10 0.00 | 24.71 -0.12 0.00 | 26.01 -0.13 0.00 | 27.31 -0.08 0.00 | 29.51 -0.24 0.00 | 31.76 -0.42 0.00 | 33.74 -0.41 0.00 | 37.69 -0.34 0.00 | 43.00 -0.83 0.00 | 44.91 -0.82 0.00 | 42.96 -0.52 0.00 | 40.45 -0.37 0.00 | 36.29 -0.40 0.00 | 29.20 -0.24 0.00 | 25.50 -0.18 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 23.40 1.61 0.00 | 22.62 1.22 0.00 | 21.64 1.17 0.00 | 20.50 1.07 0.00 | 20.53 1.07 0.00 | 22.64 1.20 0.00 | 27.01 2.05 0.00 | 29.65 2.45 0.00 | 27.86 2.46 0.00 | 27.28 2.37 0.00 | 27.27 2.43 0.00 | 28.90 2.54 -0.22 | 30.39 2.68 -0.31 | 32.90 2.94 -0.21 | 35.36 3.09 -0.08 | 37.32 3.18 0.00 | 41.41 3.38 0.00 | 48.61 4.78 0.00 | 50.44 4.71 0.00 | 47.83 4.35 0.00 | 44.86 4.04 0.00 | 40.00 3.30 0.00 | 31.99 2.56 0.00 | 27.99 2.31 0.00 |
| BURROWS___LYONSDAL 23803 | 22.12 0.33 0.00 | 21.67 0.28 0.00 | 20.86 0.39 0.00 | 19.78 0.35 0.00 | 19.83 0.37 0.00 | 21.76 0.32 0.00 | 25.41 0.45 0.00 | 27.96 0.76 0.00 | 26.03 0.63 0.00 | 25.48 0.57 0.00 | 25.36 0.52 0.00 | 26.74 0.60 0.00 | 28.05 0.66 0.00 | 30.46 0.71 0.00 | 32.99 0.80 0.00 | 35.03 0.89 0.00 | 39.17 1.14 0.00 | 45.28 1.45 0.00 | 47.38 1.65 0.00 | 45.09 1.61 0.00 | 42.04 1.22 0.00 | 37.54 0.84 0.00 | 29.99 0.56 0.00 | 26.09 0.41 0.00 |
| CAITHNESS_CC_1 323624 | 23.43 1.64 0.00 | 22.68 1.28 0.00 | 21.45 0.98 0.00 | 20.56 1.13 0.00 | 20.45 0.99 0.00 | 22.73 1.29 0.00 | 26.78 1.82 0.00 | 29.88 2.64 -0.04 | 27.84 2.44 0.00 | 27.23 2.32 0.00 | 26.99 2.16 0.00 | 28.74 2.38 -0.22 | 30.14 2.44 -0.31 | 32.33 2.38 -0.21 | 34.81 2.54 -0.08 | 36.77 2.63 0.00 | 41.15 3.08 -0.04 | 48.26 4.43 0.00 | 50.21 4.43 -0.04 | 49.09 4.31 -1.30 | 45.18 4.32 -0.04 | 40.80 3.23 -0.87 | 31.70 2.27 0.00 | 28.19 2.52 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 23.36 1.57 0.00 | 22.59 1.20 0.00 | 21.54 1.06 0.00 | 20.46 1.03 0.00 | 20.39 0.93 0.00 | 22.64 1.20 0.00 | 26.78 1.82 0.00 | 29.65 2.45 0.00 | 27.76 2.36 0.00 | 27.20 2.29 0.00 | 27.07 2.24 0.00 | 28.82 2.46 -0.22 | 30.25 2.55 -0.31 | 32.54 2.59 -0.21 | 34.81 2.54 -0.08 | 36.81 2.66 0.00 | 40.88 2.85 0.00 | 47.69 3.86 0.00 | 49.71 3.98 0.00 | 47.22 3.74 0.00 | 44.24 3.43 0.00 | 39.67 2.97 0.00 | 31.64 2.21 0.00 | 28.14 2.46 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 23.36 1.57 0.00 | 22.59 1.20 0.00 | 21.45 0.98 0.00 | 20.46 1.03 0.00 | 20.39 0.93 0.00 | 22.64 1.20 0.00 | 26.78 1.82 0.00 | 29.59 2.39 0.00 | 27.76 2.36 0.00 | 27.20 2.29 0.00 | 27.07 2.24 0.00 | 28.82 2.46 -0.22 | 30.22 2.52 -0.31 | 32.42 2.47 -0.21 | 34.91 2.64 -0.08 | 36.88 2.73 0.00 | 40.88 2.85 0.00 | 48.04 4.21 0.00 | 49.89 4.16 0.00 | 47.48 4.00 0.00 | 44.82 4.00 0.00 | 39.70 3.01 0.00 | 31.70 2.27 0.00 | 28.12 2.44 0.00 |
| CALPINE_BP_GT1 23823 | 23.36 1.57 0.00 | 22.59 1.20 0.00 | 21.45 0.98 0.00 | 20.46 1.03 0.00 | 20.39 0.93 0.00 | 22.64 1.20 0.00 | 26.78 1.82 0.00 | 29.59 2.39 0.00 | 27.76 2.36 0.00 | 27.20 2.29 0.00 | 27.07 2.24 0.00 | 28.82 2.46 -0.22 | 30.22 2.52 -0.31 | 32.42 2.47 -0.21 | 34.91 2.64 -0.08 | 36.88 2.73 0.00 | 40.88 2.85 0.00 | 48.04 4.21 0.00 | 49.89 4.16 0.00 | 47.48 4.00 0.00 | 44.82 4.00 0.00 | 39.70 3.01 0.00 | 31.70 2.27 0.00 | 28.12 2.44 0.00 |
| CALSPAN___DRP 24200 | 22.23 0.44 0.00 | 21.40 0.00 0.00 | 20.41 -0.06 0.00 | 19.47 0.04 0.00 | 19.44 -0.02 0.00 | 21.46 0.02 0.00 | 24.27 -0.15 0.54 | 25.93 -0.11 1.16 | 25.03 0.13 0.50 | 24.97 0.32 0.27 | 25.11 0.55 0.27 | 26.17 0.47 0.44 | 26.58 -0.05 0.76 | 28.62 -0.06 1.06 | 31.25 0.29 1.23 | 32.93 0.24 1.45 | 36.61 0.15 1.57 | 41.37 0.22 2.69 | 44.40 0.59 1.93 | 42.49 0.65 1.64 | 38.68 0.16 2.30 | 34.48 -0.40 1.81 | 29.15 0.00 0.28 | 25.68 0.00 0.00 |

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| CALVERTON___SOLAR 323806 | 23.45 1.66 0.00 | 22.72 1.33 0.00 | 21.45 0.98 0.00 | 20.58 1.15 0.00 | 20.47 1.01 0.00 | 22.77 1.33 0.00 | 26.78 1.82 0.00 | 29.96 2.72 -0.04 | 27.84 2.44 0.00 | 27.23 2.32 0.00 | 26.97 2.14 0.00 | 28.72 2.35 -0.22 | 30.09 2.38 -0.31 | 32.27 2.32 -0.21 | 34.78 2.51 -0.08 | 36.77 2.63 0.00 | 41.19 3.12 -0.04 | 48.31 4.47 0.00 | 50.26 4.48 -0.04 | 49.17 4.39 -1.30 | 45.26 4.41 -0.04 | 40.83 3.26 -0.87 | 31.64 2.21 0.00 | 28.17 2.49 0.00 |
| CANDIGU_WT_PWR 323617 | 22.18 0.39 0.00 | 21.40 0.00 0.00 | 20.45 -0.02 0.00 | 19.41 -0.02 0.00 | 19.42 -0.04 0.00 | 21.46 0.02 0.00 | 24.63 0.05 0.38 | 26.57 0.19 0.82 | 25.38 0.33 0.35 | 25.19 0.47 0.19 | 25.24 0.60 0.19 | 26.40 0.55 0.29 | 27.16 0.27 0.51 | 29.37 0.36 0.73 | 31.84 0.51 0.86 | 33.50 0.38 1.03 | 37.38 0.46 1.11 | 42.50 0.57 1.90 | 45.46 1.10 1.36 | 43.54 1.22 1.16 | 40.01 0.82 1.62 | 35.56 0.15 1.28 | 29.62 0.38 0.20 | 26.03 0.36 0.00 |
| CARR STREET_E_SYR 24060 | 21.73 -0.07 0.00 | 21.16 -0.23 0.00 | 20.23 -0.24 0.00 | 19.18 -0.25 0.00 | 19.23 -0.23 0.00 | 21.23 -0.21 0.00 | 24.59 -0.07 0.29 | 26.57 0.00 0.63 | 25.18 0.05 0.27 | 24.86 0.10 0.15 | 24.79 0.10 0.15 | 26.03 0.13 0.24 | 27.09 0.11 0.42 | 29.35 0.18 0.58 | 31.74 0.23 0.67 | 33.46 0.10 0.79 | 37.21 0.04 0.86 | 42.64 0.26 1.46 | 45.00 0.32 1.05 | 42.90 0.31 0.89 | 39.81 0.25 1.25 | 35.78 0.07 0.99 | 29.46 0.18 0.15 | 25.73 0.05 0.00 |
| CARTHAGE___PAPER 23857 | 21.79 0.00 0.00 | 21.44 0.04 0.00 | 20.62 0.14 0.00 | 19.55 0.12 0.00 | 19.62 0.15 0.00 | 21.57 0.13 0.00 | 25.14 0.18 0.00 | 27.55 0.35 0.00 | 25.58 0.18 0.00 | 24.98 0.07 0.00 | 24.86 0.02 0.00 | 26.11 -0.03 0.00 | 27.40 0.00 0.00 | 29.72 -0.03 0.00 | 32.15 -0.03 0.00 | 34.15 0.00 0.00 | 38.18 0.15 0.00 | 44.27 0.44 0.00 | 46.46 0.73 0.00 | 44.48 1.00 0.00 | 41.43 0.61 0.00 | 37.14 0.44 0.00 | 29.66 0.23 0.00 | 25.78 0.10 0.00 |
| CASSADAGA_WT_PWR 323784 | 22.71 0.92 0.00 | 21.70 0.30 0.00 | 20.68 0.20 0.00 | 19.60 0.17 0.00 | 19.58 0.12 0.00 | 21.63 0.19 0.00 | 24.49 0.05 0.51 | 26.52 0.43 1.11 | 25.61 0.69 0.48 | 25.60 0.95 0.26 | 25.89 1.32 0.26 | 26.95 1.23 0.42 | 27.35 0.69 0.73 | 29.62 0.89 1.02 | 32.20 1.19 1.18 | 33.91 1.16 1.39 | 37.89 1.37 1.51 | 42.57 1.31 2.58 | 45.94 2.06 1.85 | 44.08 2.17 1.58 | 40.24 1.63 2.21 | 35.61 0.66 1.74 | 29.87 0.71 0.27 | 26.32 0.64 0.00 |
| CE_DUNWOOD___DRP 24194 | 23.16 1.37 0.00 | 22.42 1.03 0.00 | 21.45 0.98 0.00 | 20.32 0.89 0.00 | 20.36 0.90 0.00 | 22.45 1.01 0.00 | 26.73 1.77 0.00 | 29.27 2.07 0.00 | 27.46 2.06 0.00 | 26.88 1.97 0.00 | 26.85 2.01 0.00 | 28.48 2.12 -0.22 | 29.92 2.22 -0.31 | 32.39 2.44 -0.21 | 34.78 2.51 -0.08 | 36.74 2.60 0.00 | 40.88 2.85 0.00 | 47.87 4.03 0.00 | 49.76 4.02 0.00 | 47.18 3.70 0.00 | 44.24 3.43 0.00 | 39.41 2.72 0.00 | 31.55 2.12 0.00 | 27.65 1.98 0.00 |
| CE_MILLWOOD___DRP 24193 | 23.12 1.33 0.00 | 22.38 0.98 0.00 | 21.41 0.94 0.00 | 20.30 0.87 0.00 | 20.32 0.86 0.00 | 22.41 0.96 0.00 | 26.68 1.72 0.00 | 29.19 1.99 0.00 | 27.38 1.98 0.00 | 26.80 1.89 0.00 | 26.75 1.91 0.00 | 28.38 2.01 -0.22 | 29.81 2.11 -0.31 | 32.27 2.32 -0.21 | 34.68 2.41 -0.08 | 36.64 2.49 0.00 | 40.77 2.74 0.00 | 47.74 3.90 0.00 | 49.62 3.89 0.00 | 47.05 3.57 0.00 | 44.12 3.31 0.00 | 39.30 2.61 0.00 | 31.49 2.06 0.00 | 27.58 1.90 0.00 |
| CE_NYC2_DRP 24202 | 23.37 1.57 -0.01 | 22.57 1.18 0.00 | 21.63 1.15 -0.01 | 20.48 1.05 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.58 2.37 -0.01 | 27.81 2.39 -0.02 | 27.22 2.29 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.93 2.58 -6.96 | 38.40 2.83 -5.83 | 38.37 2.96 -3.23 | 38.09 3.04 -0.90 | 41.30 3.27 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.61 3.80 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 27.94 2.26 -0.01 |
| CE_NYC_DRP 24195 | 23.30 1.50 0.00 | 22.51 1.11 0.00 | 21.54 1.06 0.00 | 20.42 0.99 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.74 2.34 0.00 | 27.15 2.24 0.00 | 27.12 2.28 0.00 | 28.77 2.40 -0.22 | 30.23 2.52 -0.31 | 32.72 2.77 -0.21 | 35.16 2.90 -0.08 | 37.12 2.97 0.00 | 41.19 3.16 0.00 | 48.31 4.47 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.57 3.76 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.83 2.16 0.00 |
| CHAFFEE___LFGE 323603 | 22.29 0.50 0.00 | 21.44 0.04 0.00 | 20.53 0.06 0.00 | 19.53 0.10 0.00 | 19.50 0.04 0.00 | 21.53 0.09 0.00 | 24.27 -0.17 0.52 | 26.02 -0.05 1.13 | 25.07 0.15 0.48 | 25.00 0.35 0.26 | 25.17 0.60 0.26 | 26.26 0.55 0.43 | 26.76 0.11 0.74 | 28.92 0.21 1.03 | 31.38 0.39 1.19 | 33.01 0.27 1.41 | 36.80 0.30 1.53 | 41.36 0.13 2.61 | 44.59 0.73 1.87 | 42.71 0.82 1.60 | 38.91 0.33 2.23 | 34.57 -0.37 1.76 | 29.22 0.06 0.27 | 26.03 0.36 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 21.62 -0.17 0.00 | 21.50 0.11 0.00 | 20.51 0.04 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.66 -0.30 0.00 | 27.04 -0.16 0.00 | 25.22 -0.18 0.00 | 24.76 -0.15 0.00 | 24.64 -0.20 0.00 | 26.01 -0.13 0.00 | 27.29 -0.11 0.00 | 29.45 -0.30 0.00 | 31.80 -0.39 0.00 | 33.70 -0.44 0.00 | 37.84 -0.19 0.00 | 42.39 -1.45 0.00 | 43.67 -2.06 0.00 | 41.92 -1.57 0.00 | 39.26 -1.55 0.00 | 35.56 -1.14 0.00 | 28.75 -0.68 0.00 | 25.03 -0.64 0.00 |
| CHATEAUG_WT_PWR 323614 | 21.81 0.02 0.00 | 21.65 0.26 0.00 | 20.62 0.14 0.00 | 19.58 0.15 0.00 | 19.60 0.14 0.00 | 21.51 0.06 0.00 | 24.73 -0.23 0.00 | 27.15 -0.05 0.00 | 25.35 -0.05 0.00 | 24.93 0.02 0.00 | 24.69 -0.15 0.00 | 26.27 0.13 0.00 | 27.56 0.17 0.00 | 29.66 -0.09 0.00 | 31.92 -0.26 0.00 | 33.80 -0.34 0.00 | 38.14 0.11 0.00 | 42.30 -1.54 0.00 | 43.03 -2.70 0.00 | 41.66 -1.82 0.00 | 38.57 -2.24 0.00 | 35.48 -1.21 0.00 | 28.90 -0.53 0.00 | 25.09 -0.59 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 21.62 -0.17 0.00 | 21.50 0.11 0.00 | 20.51 0.04 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.66 -0.30 0.00 | 27.04 -0.16 0.00 | 25.22 -0.18 0.00 | 24.76 -0.15 0.00 | 24.64 -0.20 0.00 | 26.01 -0.13 0.00 | 27.29 -0.11 0.00 | 29.45 -0.30 0.00 | 31.80 -0.39 0.00 | 33.70 -0.44 0.00 | 37.84 -0.19 0.00 | 42.39 -1.45 0.00 | 43.67 -2.06 0.00 | 41.92 -1.57 0.00 | 39.26 -1.55 0.00 | 35.56 -1.14 0.00 | 28.75 -0.68 0.00 | 25.03 -0.64 0.00 |
| CHAUTAUQUA___LFGE 323629 | 22.58 0.78 0.00 | 21.65 0.26 0.00 | 20.70 0.23 0.00 | 19.64 0.21 0.00 | 19.64 0.17 0.00 | 21.70 0.26 0.00 | 24.59 0.15 0.52 | 26.45 0.38 1.13 | 25.50 0.58 0.49 | 25.47 0.82 0.26 | 25.69 1.12 0.26 | 26.76 1.05 0.43 | 27.14 0.49 0.75 | 29.36 0.65 1.04 | 31.89 0.90 1.20 | 33.58 0.85 1.42 | 37.48 0.99 1.54 | 42.13 0.92 2.62 | 45.45 1.60 1.88 | 43.57 1.69 1.60 | 39.71 1.14 2.24 | 35.22 0.29 1.77 | 29.66 0.50 0.27 | 26.19 0.51 0.00 |
| CHERRYST_13_KV_LD 356241 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.58 1.11 0.00 | 20.46 1.03 0.00 | 20.49 1.03 0.00 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.57 2.37 0.00 | 27.81 2.41 0.00 | 27.23 2.32 0.00 | 27.19 2.36 0.00 | 28.85 2.48 -0.22 | 30.34 2.63 -0.31 | 32.84 2.89 -0.21 | 35.29 3.03 -0.08 | 37.25 3.11 0.00 | 41.34 3.31 0.00 | 48.48 4.65 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.69 3.88 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 27.91 2.23 0.00 |

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| CHESTROR_138KV_BK263 355645 | 22.88 1.09 0.00 | 22.17 0.77 0.00 | 21.21 0.74 0.00 | 20.09 0.66 0.00 | 20.14 0.68 0.00 | 22.19 0.75 0.00 | 26.43 1.47 0.00 | 28.86 1.66 0.00 | 27.05 1.65 0.00 | 26.48 1.57 0.00 | 26.42 1.59 0.00 | 27.99 1.65 -0.20 | 29.40 1.73 -0.27 | 31.83 1.90 -0.18 | 34.22 1.96 -0.07 | 36.19 2.05 0.00 | 40.31 2.28 0.00 | 47.17 3.33 0.00 | 49.07 3.34 0.00 | 46.53 3.04 0.00 | 43.63 2.82 0.00 | 38.90 2.20 0.00 | 31.14 1.71 0.00 | 27.29 1.62 0.00 |
| CH_MIDHUDSON___DRP 24192 | 22.99 1.20 0.00 | 22.25 0.86 0.00 | 21.29 0.82 0.00 | 20.19 0.76 0.00 | 20.22 0.76 0.00 | 22.28 0.84 0.00 | 26.53 1.57 0.00 | 28.97 1.77 0.00 | 27.13 1.73 0.00 | 26.55 1.64 0.00 | 26.45 1.61 0.00 | 28.02 1.70 -0.19 | 29.46 1.81 -0.25 | 31.94 2.02 -0.17 | 34.38 2.12 -0.07 | 36.37 2.22 0.00 | 40.54 2.51 0.00 | 47.47 3.64 0.00 | 49.44 3.70 0.00 | 46.83 3.35 0.00 | 43.92 3.10 0.00 | 39.15 2.46 0.00 | 31.31 1.88 0.00 | 27.45 1.77 0.00 |
| CH_MISC_IPPS 23765 | 23.06 1.26 0.00 | 22.29 0.90 0.00 | 21.31 0.84 0.00 | 20.23 0.80 0.00 | 20.24 0.78 0.00 | 22.30 0.86 0.00 | 26.66 1.70 0.00 | 29.10 1.90 0.00 | 27.28 1.88 0.00 | 26.68 1.77 0.00 | 26.57 1.74 0.00 | 28.16 1.83 -0.19 | 29.58 1.92 -0.26 | 32.09 2.17 -0.18 | 34.57 2.32 -0.07 | 36.64 2.49 0.00 | 40.80 2.77 0.00 | 47.91 4.08 0.00 | 49.80 4.07 0.00 | 47.18 3.69 0.00 | 44.41 3.59 0.00 | 39.41 2.72 0.00 | 31.49 2.06 0.00 | 27.50 1.82 0.00 |
| CH_RES_BVR_FALLS 23983 | 21.47 -0.33 0.00 | 21.22 -0.17 0.00 | 20.31 -0.16 0.00 | 19.25 -0.18 0.00 | 19.27 -0.19 0.00 | 21.21 -0.24 0.00 | 24.48 -0.47 0.00 | 26.71 -0.49 0.00 | 24.99 -0.41 0.00 | 24.54 -0.37 0.00 | 24.49 -0.35 0.00 | 25.75 -0.39 0.00 | 26.99 -0.41 0.00 | 29.24 -0.51 0.00 | 31.64 -0.55 0.00 | 33.53 -0.61 0.00 | 37.35 -0.68 0.00 | 42.65 -1.18 0.00 | 44.45 -1.28 0.00 | 42.31 -1.17 0.00 | 39.59 -1.22 0.00 | 35.78 -0.92 0.00 | 28.70 -0.73 0.00 | 25.03 -0.64 0.00 |
| CH_RES_NIAGARA 23895 | 21.38 -0.41 0.00 | 20.60 -0.79 0.00 | 19.67 -0.80 0.00 | 18.77 -0.66 0.00 | 18.74 -0.72 0.00 | 20.69 -0.75 0.00 | 23.66 -0.70 0.60 | 25.04 -0.92 1.24 | 24.21 -0.66 0.53 | 24.15 -0.47 0.28 | 24.30 -0.25 0.29 | 25.30 -0.37 0.47 | 25.68 -0.90 0.82 | 27.57 -1.04 1.14 | 30.07 -0.80 1.31 | 31.64 -0.96 1.55 | 35.29 -1.06 1.68 | 39.70 -1.27 2.87 | 42.71 -0.96 2.06 | 40.86 -0.87 1.75 | 37.18 -1.18 2.45 | 33.18 -1.58 1.94 | 28.34 -0.79 0.29 | 24.67 -1.00 0.00 |
| CH_RES_SYRACUSE 23985 | 21.84 0.04 0.00 | 21.27 -0.13 0.00 | 20.33 -0.14 0.00 | 19.27 -0.16 0.00 | 19.33 -0.14 0.00 | 21.31 -0.13 0.00 | 25.01 0.05 0.00 | 27.34 0.14 0.00 | 25.55 0.15 0.00 | 25.11 0.20 0.00 | 25.06 0.22 0.00 | 26.37 0.23 0.00 | 27.67 0.27 0.00 | 30.07 0.33 0.00 | 32.57 0.39 0.00 | 34.49 0.34 0.00 | 38.49 0.46 0.00 | 44.53 0.70 0.00 | 46.56 0.82 0.00 | 44.27 0.78 0.00 | 41.51 0.69 0.00 | 37.10 0.40 0.00 | 29.81 0.38 0.00 | 25.88 0.20 0.00 |
| CLINTON_WT_PWR 323605 | 21.81 0.02 0.00 | 21.65 0.26 0.00 | 20.62 0.14 0.00 | 19.58 0.15 0.00 | 19.60 0.14 0.00 | 21.51 0.06 0.00 | 24.73 -0.23 0.00 | 27.15 -0.05 0.00 | 25.35 -0.05 0.00 | 24.93 0.02 0.00 | 24.69 -0.15 0.00 | 26.27 0.13 0.00 | 27.56 0.17 0.00 | 29.66 -0.09 0.00 | 31.92 -0.26 0.00 | 33.80 -0.34 0.00 | 38.14 0.11 0.00 | 42.30 -1.54 0.00 | 43.03 -1.82 0.00 | 41.66 -1.82 0.00 | 38.57 -2.24 0.00 | 35.48 -1.21 0.00 | 28.90 -0.53 0.00 | 25.09 -0.59 0.00 |
| CLINTON___LFGE 323618 | 21.90 0.11 0.00 | 21.78 0.39 0.00 | 20.76 0.29 0.00 | 19.70 0.27 0.00 | 19.73 0.27 0.00 | 21.70 0.26 0.00 | 24.98 0.02 0.00 | 27.47 0.27 0.00 | 25.60 0.20 0.00 | 25.13 0.22 0.00 | 24.96 0.12 0.00 | 26.43 0.29 0.00 | 27.73 0.33 0.00 | 29.83 0.09 0.00 | 32.22 0.03 0.00 | 34.11 -0.03 0.00 | 38.52 0.49 0.00 | 42.78 -1.05 0.00 | 43.68 -2.06 0.00 | 42.18 -1.30 0.00 | 39.10 -1.71 0.00 | 35.78 -0.92 0.00 | 29.17 -0.27 0.00 | 25.32 -0.36 0.00 |
| COBBLENY_34_KV_TB1 80064 | 22.29 0.50 0.00 | 21.44 0.04 0.00 | 20.45 -0.02 0.00 | 19.53 0.10 0.00 | 19.50 0.04 0.00 | 21.53 0.09 0.00 | 24.29 -0.15 0.52 | 26.02 -0.05 1.13 | 25.07 0.15 0.48 | 25.00 0.35 0.26 | 25.17 0.60 0.26 | 26.26 0.55 0.43 | 26.65 0.00 0.74 | 28.74 0.03 1.03 | 31.38 0.39 1.19 | 33.08 0.34 1.41 | 36.84 0.34 1.53 | 41.62 0.39 2.61 | 44.59 0.73 1.87 | 42.71 0.83 1.60 | 38.91 0.33 2.23 | 34.64 -0.29 1.76 | 29.22 0.06 0.27 | 25.78 0.10 0.00 |
| COFFEEN___115KV_TB3 355620 | 22.01 0.22 0.00 | 21.57 0.17 0.00 | 20.70 0.23 0.00 | 19.62 0.19 0.00 | 19.69 0.23 0.00 | 21.70 0.26 0.00 | 25.44 0.37 -0.11 | 27.97 0.54 -0.23 | 25.83 0.33 -0.10 | 25.16 0.20 -0.05 | 25.06 0.17 -0.05 | 26.36 0.13 -0.09 | 27.71 0.16 -0.15 | 30.13 0.18 -0.21 | 32.68 0.26 -0.24 | 34.77 0.34 -0.29 | 38.83 0.49 -0.31 | 45.42 1.05 -0.53 | 47.53 1.42 -0.38 | 45.55 1.74 -0.32 | 42.70 1.43 -0.45 | 38.08 1.03 -0.36 | 30.16 0.68 -0.05 | 26.11 0.44 0.00 |
| COLDSPRG_115KV_BK1 355956 | 23.03 1.24 0.00 | 22.04 0.64 0.00 | 20.96 0.49 0.00 | 20.01 0.58 0.00 | 19.99 0.53 0.00 | 22.11 0.66 0.00 | 24.88 0.42 0.50 | 26.90 0.79 1.09 | 25.92 0.99 0.47 | 25.88 1.22 0.25 | 26.15 1.56 0.25 | 27.24 1.52 0.41 | 27.58 0.90 0.72 | 29.82 1.07 1.00 | 32.61 1.58 1.15 | 34.29 1.50 1.36 | 38.23 1.67 1.47 | 43.16 1.84 2.52 | 46.26 2.33 1.81 | 44.34 2.39 1.54 | 40.38 1.71 2.15 | 35.95 0.95 1.70 | 30.11 0.94 0.26 | 26.52 0.85 0.00 |
| COLONIE_LFGE___ 323577 | 22.64 0.85 0.00 | 22.04 0.64 0.00 | 21.09 0.61 0.00 | 20.03 0.60 0.00 | 20.06 0.60 0.00 | 22.13 0.69 0.00 | 25.91 0.95 0.00 | 28.07 0.87 0.00 | 26.14 0.74 0.00 | 25.56 0.65 0.00 | 25.46 0.62 0.00 | 26.60 0.63 0.16 | 27.86 0.69 0.22 | 30.34 0.74 0.15 | 32.93 0.80 0.06 | 35.10 0.95 0.00 | 39.13 1.10 0.00 | 45.68 1.84 0.00 | 47.74 2.01 0.00 | 45.31 1.83 0.00 | 42.65 1.84 0.00 | 38.01 1.32 0.00 | 30.40 0.97 0.00 | 26.55 0.87 0.00 |
| COOPERNY_115KV_TB1 80082 | 22.77 0.98 0.00 | 22.06 0.66 0.00 | 21.11 0.63 0.00 | 20.01 0.58 0.00 | 20.04 0.58 0.00 | 22.11 0.66 0.00 | 26.23 1.27 0.00 | 28.67 1.47 0.00 | 26.87 1.47 0.00 | 26.30 1.39 0.00 | 26.25 1.42 0.00 | 27.76 1.46 -0.15 | 29.14 1.53 -0.21 | 31.55 1.67 -0.14 | 33.98 1.74 -0.06 | 35.96 1.81 0.00 | 40.04 2.02 0.00 | 46.77 2.94 0.00 | 48.70 2.97 0.00 | 46.18 2.70 0.00 | 43.31 2.49 0.00 | 38.64 1.94 0.00 | 30.96 1.53 0.00 | 27.09 1.41 0.00 |
| COPENHAGEN_WT_PWR 323753 | 21.86 0.07 0.00 | 21.40 0.00 0.00 | 20.55 0.08 0.00 | 19.47 0.04 0.00 | 19.54 0.08 0.00 | 21.53 0.09 0.00 | 25.27 0.20 -0.11 | 27.80 0.35 -0.25 | 25.68 0.18 -0.11 | 25.04 0.07 -0.06 | 24.94 0.05 -0.06 | 26.26 0.03 -0.09 | 27.61 0.05 -0.16 | 30.03 0.06 -0.23 | 32.54 0.10 -0.26 | 34.56 0.10 -0.31 | 38.56 0.19 -0.34 | 44.98 0.57 -0.58 | 47.06 0.91 -0.41 | 45.01 1.17 -0.35 | 42.17 0.86 -0.49 | 37.70 0.62 -0.39 | 29.87 0.38 -0.06 | 25.88 0.20 0.00 |
| CORNELL_____ 23752 | 22.49 0.70 0.00 | 21.85 0.45 0.00 | 20.84 0.37 0.00 | 19.78 0.35 0.00 | 19.83 0.37 0.00 | 21.91 0.47 0.00 | 25.62 0.82 0.16 | 27.83 0.98 0.35 | 26.14 0.89 0.15 | 25.68 0.85 0.08 | 25.57 0.82 0.08 | 26.89 0.86 0.11 | 28.10 0.90 0.20 | 30.45 1.01 0.30 | 33.01 1.19 0.36 | 35.00 1.30 0.44 | 39.19 1.64 0.48 | 45.34 2.32 0.82 | 47.75 2.61 0.59 | 45.59 2.61 0.50 | 42.40 2.29 0.70 | 37.90 1.76 0.55 | 30.76 1.41 0.08 | 26.68 1.00 0.00 |

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| CORONA__69_KV_TB1 355595 | 23.38 1.59 0.00 | 22.59 1.20 0.00 | 21.56 1.08 0.00 | 20.48 1.05 0.00 | 20.43 0.97 0.00 | 22.64 1.20 0.00 | 26.81 1.85 0.00 | 29.62 2.42 0.00 | 27.76 2.36 0.00 | 27.18 2.27 0.00 | 27.07 2.24 0.00 | 28.82 2.46 -0.22 | 30.25 2.55 -0.31 | 32.63 2.68 -0.21 | 35.00 2.74 -0.08 | 36.98 2.83 0.00 | 41.26 3.23 0.00 | 48.18 4.34 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 44.69 3.88 0.00 | 40.00 3.30 0.00 | 31.79 2.35 0.00 | 28.14 2.46 0.00 |
| CORTLAND__115KV_TB3 80093 | 22.29 0.50 0.00 | 21.67 0.28 0.00 | 20.70 0.23 0.00 | 19.64 0.21 0.00 | 19.69 0.23 0.00 | 21.74 0.30 0.00 | 25.40 0.60 0.16 | 27.57 0.71 0.34 | 25.91 0.66 0.14 | 25.48 0.65 0.08 | 25.40 0.65 0.08 | 26.69 0.68 0.13 | 27.86 0.68 0.22 | 30.21 0.77 0.31 | 32.76 0.93 0.36 | 34.71 0.99 0.42 | 38.79 1.22 0.46 | 44.81 1.75 0.78 | 47.14 1.97 0.56 | 44.96 1.96 0.48 | 41.82 1.67 0.67 | 37.41 1.25 0.53 | 30.35 1.00 0.08 | 26.39 0.72 0.00 |
| COXSACKIE__GT 23611 | 22.73 0.94 0.00 | 22.12 0.73 0.00 | 21.17 0.70 0.00 | 20.13 0.70 0.00 | 20.10 0.64 0.00 | 22.13 0.69 0.00 | 26.36 1.40 0.00 | 28.32 1.12 0.00 | 26.19 0.79 0.00 | 25.46 0.55 0.00 | 25.16 0.32 0.00 | 26.45 0.34 0.03 | 27.83 0.47 0.04 | 30.35 0.63 0.02 | 32.98 0.80 0.01 | 35.07 0.92 0.00 | 39.47 1.44 0.00 | 46.42 2.59 0.00 | 48.89 3.15 0.00 | 46.35 2.87 0.00 | 43.63 2.81 0.00 | 38.82 2.13 0.00 | 30.87 1.44 0.00 | 27.01 1.33 0.00 |
| CPV_VALLEY__CC1 323721 | 22.77 0.98 0.00 | 22.06 0.66 0.00 | 21.09 0.61 0.00 | 20.01 0.58 0.00 | 20.04 0.58 0.00 | 22.08 0.64 0.00 | 26.26 1.30 0.00 | 28.70 1.50 0.00 | 26.90 1.50 0.00 | 26.35 1.44 0.00 | 26.27 1.44 0.00 | 27.81 1.49 -0.18 | 29.18 1.53 -0.25 | 31.58 1.66 -0.17 | 33.99 1.74 -0.07 | 36.02 1.88 0.00 | 40.04 2.01 0.00 | 46.90 3.07 0.00 | 48.75 3.02 0.00 | 46.22 2.74 0.00 | 43.51 2.69 0.00 | 38.64 1.94 0.00 | 30.96 1.53 0.00 | 27.04 1.36 0.00 |
| CPV_VALLEY__CC2 323722 | 22.77 0.98 0.00 | 22.06 0.66 0.00 | 21.09 0.61 0.00 | 20.01 0.58 0.00 | 20.04 0.58 0.00 | 22.08 0.64 0.00 | 26.26 1.30 0.00 | 28.70 1.50 0.00 | 26.90 1.50 0.00 | 26.35 1.44 0.00 | 26.27 1.44 0.00 | 27.81 1.49 -0.18 | 29.18 1.53 -0.25 | 31.58 1.66 -0.17 | 33.99 1.74 -0.07 | 36.02 1.88 0.00 | 40.04 2.01 0.00 | 46.90 3.07 0.00 | 48.75 3.02 0.00 | 46.22 2.74 0.00 | 43.51 2.69 0.00 | 38.64 1.94 0.00 | 30.96 1.53 0.00 | 27.04 1.36 0.00 |
| CRESCENT__HYD 24018 | 22.64 0.85 0.00 | 22.04 0.64 0.00 | 21.09 0.61 0.00 | 20.03 0.60 0.00 | 20.06 0.60 0.00 | 22.13 0.69 0.00 | 25.91 0.95 0.00 | 28.07 0.87 0.00 | 26.14 0.74 0.00 | 25.56 0.65 0.00 | 25.46 0.62 0.00 | 26.60 0.63 0.16 | 27.86 0.69 0.22 | 30.34 0.74 0.15 | 32.93 0.80 0.06 | 35.10 0.95 0.00 | 39.13 1.10 0.00 | 45.68 1.84 0.00 | 47.74 2.01 0.00 | 45.31 1.83 0.00 | 42.65 1.84 0.00 | 38.01 1.32 0.00 | 30.40 0.97 0.00 | 26.55 0.87 0.00 |
| CRICKET__VALLEY_CC1 323756 | 22.86 1.07 0.00 | 22.17 0.77 0.00 | 21.19 0.72 0.00 | 20.11 0.68 0.00 | 20.16 0.70 0.00 | 22.21 0.77 0.00 | 26.28 1.32 0.00 | 28.64 1.44 0.00 | 26.77 1.37 0.00 | 26.18 1.27 0.00 | 26.08 1.24 0.00 | 25.75 1.31 1.69 | 26.41 1.34 2.32 | 29.67 1.49 1.56 | 33.10 1.54 0.63 | 35.85 1.71 0.00 | 39.85 1.83 0.00 | 46.73 2.89 0.00 | 48.66 2.93 0.00 | 46.14 2.65 0.00 | 43.51 2.69 0.00 | 38.64 1.94 0.00 | 30.87 1.44 0.00 | 26.96 1.28 0.00 |
| CRICKET__VALLEY_CC2 323757 | 22.86 1.07 0.00 | 22.17 0.77 0.00 | 21.19 0.72 0.00 | 20.11 0.68 0.00 | 20.16 0.70 0.00 | 22.21 0.77 0.00 | 26.28 1.32 0.00 | 28.64 1.44 0.00 | 26.77 1.37 0.00 | 26.18 1.27 0.00 | 26.08 1.24 0.00 | 25.75 1.31 1.69 | 26.41 1.34 2.32 | 29.67 1.49 1.56 | 33.10 1.54 0.63 | 35.85 1.71 0.00 | 39.85 1.83 0.00 | 46.73 2.89 0.00 | 48.66 2.93 0.00 | 46.14 2.65 0.00 | 43.51 2.69 0.00 | 38.64 1.94 0.00 | 30.87 1.44 0.00 | 26.96 1.28 0.00 |
| CRICKET__VALLEY_CC3 323758 | 22.86 1.07 0.00 | 22.17 0.77 0.00 | 21.19 0.72 0.00 | 20.11 0.68 0.00 | 20.16 0.70 0.00 | 22.21 0.77 0.00 | 26.28 1.32 0.00 | 28.64 1.44 0.00 | 26.77 1.37 0.00 | 26.18 1.27 0.00 | 26.08 1.24 0.00 | 25.75 1.31 1.69 | 26.41 1.34 2.32 | 29.67 1.49 1.56 | 33.10 1.54 0.63 | 35.85 1.71 0.00 | 39.85 1.83 0.00 | 46.73 2.89 0.00 | 48.66 2.93 0.00 | 46.14 2.65 0.00 | 43.51 2.69 0.00 | 38.64 1.94 0.00 | 30.87 1.44 0.00 | 26.96 1.28 0.00 |
| CRUCIBLE_METL_DRP 24180 | 21.84 0.04 0.00 | 21.27 -0.13 0.00 | 20.31 -0.16 0.00 | 19.27 -0.16 0.00 | 19.32 -0.14 0.00 | 21.31 -0.13 0.00 | 25.01 0.05 0.00 | 27.34 0.14 0.00 | 25.55 0.15 0.00 | 25.11 0.20 0.00 | 25.06 0.22 0.00 | 26.37 0.24 0.00 | 27.64 0.25 0.00 | 30.07 0.33 0.00 | 32.57 0.39 0.00 | 34.52 0.38 0.00 | 38.49 0.46 0.00 | 44.58 0.75 0.00 | 46.56 0.82 0.00 | 44.27 0.78 0.00 | 41.47 0.65 0.00 | 37.10 0.40 0.00 | 29.81 0.38 0.00 | 25.83 0.15 0.00 |
| DAHOWA__HYDRO 323763 | 22.97 1.18 0.00 | 22.36 0.96 0.00 | 21.43 0.96 0.00 | 20.36 0.93 0.00 | 20.38 0.91 0.00 | 22.51 1.07 0.00 | 26.08 1.12 0.00 | 28.23 1.03 0.00 | 26.24 0.84 0.00 | 25.71 0.80 0.00 | 25.61 0.77 0.00 | 26.68 0.68 0.13 | 28.03 0.82 0.18 | 30.49 0.86 0.12 | 33.03 0.90 0.05 | 35.27 1.13 0.00 | 39.40 1.37 0.00 | 46.07 2.23 0.00 | 48.20 2.47 0.00 | 45.79 2.30 0.00 | 43.06 2.24 0.00 | 38.27 1.58 0.00 | 30.70 1.26 0.00 | 26.83 1.16 0.00 |
| DANC__LFGE 323619 | 21.73 -0.07 0.00 | 21.25 -0.15 0.00 | 20.37 -0.10 0.00 | 19.31 -0.12 0.00 | 19.36 -0.10 0.00 | 21.36 -0.09 0.00 | 25.15 0.02 -0.16 | 27.69 0.14 -0.35 | 25.58 0.03 -0.15 | 24.97 -0.02 -0.08 | 24.89 -0.02 -0.08 | 26.22 -0.05 -0.13 | 27.57 -0.05 -0.23 | 30.04 -0.03 -0.32 | 32.52 -0.03 -0.37 | 34.49 -0.10 -0.44 | 38.47 -0.04 -0.48 | 44.92 0.26 -0.82 | 46.82 0.50 -0.59 | 44.68 0.69 -0.50 | 42.01 0.49 -0.70 | 37.54 0.29 -0.55 | 29.72 0.21 -0.08 | 25.75 0.08 0.00 |
| DANSKAMMER__1 23586 | 23.06 1.26 0.00 | 22.29 0.90 0.00 | 21.31 0.84 0.00 | 20.23 0.80 0.00 | 20.24 0.78 0.00 | 22.30 0.86 0.00 | 26.66 1.70 0.00 | 29.10 1.90 0.00 | 27.28 1.88 0.00 | 26.68 1.77 0.00 | 26.57 1.74 0.00 | 28.16 1.83 -0.19 | 29.58 1.92 -0.26 | 32.09 2.17 -0.18 | 34.57 2.32 -0.07 | 36.64 2.49 0.00 | 40.80 2.77 0.00 | 47.91 4.08 0.00 | 49.80 4.07 0.00 | 47.18 3.69 0.00 | 44.41 3.59 0.00 | 39.41 2.72 0.00 | 31.49 2.06 0.00 | 27.50 1.82 0.00 |
| DANSKAMMER__2 23589 | 23.06 1.26 0.00 | 22.29 0.90 0.00 | 21.31 0.84 0.00 | 20.23 0.80 0.00 | 20.24 0.78 0.00 | 22.30 0.86 0.00 | 26.66 1.70 0.00 | 29.10 1.90 0.00 | 27.28 1.88 0.00 | 26.68 1.77 0.00 | 26.57 1.74 0.00 | 28.16 1.83 -0.19 | 29.58 1.92 -0.26 | 32.09 2.17 -0.18 | 34.57 2.32 -0.07 | 36.64 2.49 0.00 | 40.80 2.77 0.00 | 47.91 4.08 0.00 | 49.80 4.07 0.00 | 47.18 3.69 0.00 | 44.41 3.59 0.00 | 39.41 2.72 0.00 | 31.49 2.06 0.00 | 27.50 1.82 0.00 |
| DANSKAMMER__3 23590 | 23.06 1.26 0.00 | 22.29 0.90 0.00 | 21.31 0.84 0.00 | 20.23 0.80 0.00 | 20.24 0.78 0.00 | 22.30 0.86 0.00 | 26.66 1.70 0.00 | 29.10 1.90 0.00 | 27.28 1.88 0.00 | 26.68 1.77 0.00 | 26.57 1.74 0.00 | 28.16 1.83 -0.19 | 29.58 1.92 -0.26 | 32.09 2.17 -0.18 | 34.57 2.32 -0.07 | 36.64 2.49 0.00 | 40.80 2.77 0.00 | 47.91 4.08 0.00 | 49.80 4.07 0.00 | 47.18 3.69 0.00 | 44.41 3.59 0.00 | 39.41 2.72 0.00 | 31.49 2.06 0.00 | 27.50 1.82 0.00 |

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|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|
| DANSKAMMER___4 23591 | 23.06 1.26 0.00 | 22.29 0.90 0.00 | 21.31 0.84 0.00 | 20.23 0.80 0.00 | 20.24 0.78 0.00 | 22.30 0.86 0.00 | 26.66 1.70 0.00 | 29.10 1.90 0.00 | 27.28 1.88 0.00 | 26.68 1.77 0.00 | 26.57 1.74 0.00 | 28.16 1.83 -0.19 | 29.58 1.92 -0.26 | 32.09 2.17 -0.18 | 34.57 2.32 -0.07 | 36.64 2.49 0.00 | 40.80 2.77 0.00 | 47.91 4.08 0.00 | 49.80 4.07 0.00 | 47.18 3.69 0.00 | 44.41 3.59 0.00 | 39.41 2.72 0.00 | 31.49 2.06 0.00 | 27.50 1.82 0.00 |
| DANSKAMMER___DIESEL 23592 | 23.06 1.26 0.00 | 22.29 0.90 0.00 | 21.33 0.86 0.00 | 20.23 0.80 0.00 | 20.24 0.78 0.00 | 22.30 0.86 0.00 | 26.66 1.70 0.00 | 29.10 1.90 0.00 | 27.28 1.88 0.00 | 26.68 1.77 0.00 | 26.57 1.74 0.00 | 28.16 1.83 -0.19 | 29.61 1.95 -0.26 | 32.12 2.20 -0.18 | 34.57 2.32 -0.07 | 36.60 2.46 0.00 | 40.81 2.78 0.00 | 47.82 3.99 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.20 3.39 0.00 | 39.37 2.68 0.00 | 31.49 2.06 0.00 | 27.60 1.93 0.00 |
| DARBY___SOLAR 323810 | 22.92 1.13 0.00 | 22.32 0.92 0.00 | 21.39 0.92 0.00 | 20.31 0.88 0.00 | 20.32 0.86 0.00 | 22.45 1.01 0.00 | 26.06 1.10 0.00 | 28.23 1.03 0.00 | 26.26 0.86 0.00 | 25.73 0.82 0.00 | 25.61 0.77 0.00 | 26.73 0.73 0.14 | 28.06 0.85 0.19 | 30.51 0.89 0.13 | 33.10 0.96 0.05 | 35.31 1.16 0.00 | 39.40 1.37 0.00 | 46.07 2.23 0.00 | 48.15 2.42 0.00 | 45.70 2.22 0.00 | 42.98 2.16 0.00 | 38.23 1.54 0.00 | 30.67 1.24 0.00 | 26.80 1.13 0.00 |
| DASHVILLE___HYD 23610 | 22.84 1.05 0.00 | 22.08 0.68 0.00 | 21.13 0.66 0.00 | 20.01 0.58 0.00 | 20.04 0.58 0.00 | 22.08 0.64 0.00 | 26.46 1.50 0.00 | 28.94 1.74 0.00 | 27.15 1.75 0.00 | 26.55 1.64 0.00 | 26.45 1.61 0.00 | 28.08 1.83 -0.11 | 29.50 1.95 -0.16 | 32.02 2.17 -0.11 | 34.51 2.28 -0.04 | 36.33 2.19 0.00 | 40.50 2.47 0.00 | 47.47 3.64 0.00 | 49.39 3.66 0.00 | 46.79 3.30 0.00 | 43.88 3.06 0.00 | 39.12 2.42 0.00 | 31.26 1.82 0.00 | 27.40 1.72 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 23.80 2.00 0.00 | 23.06 1.67 0.00 | 21.95 1.47 0.00 | 20.89 1.46 0.00 | 20.76 1.30 0.00 | 23.09 1.65 0.00 | 27.08 2.12 0.00 | 30.45 3.21 -0.04 | 28.19 2.79 0.00 | 27.52 2.62 0.00 | 27.24 2.41 0.00 | 28.98 2.61 -0.22 | 30.36 2.66 -0.31 | 32.63 2.68 -0.21 | 34.91 2.64 -0.08 | 36.95 2.80 0.00 | 41.45 3.38 -0.04 | 48.26 4.43 0.00 | 50.39 4.62 -0.04 | 49.13 4.35 -1.30 | 44.94 4.08 -0.04 | 40.98 3.41 -0.87 | 31.58 2.15 0.00 | 28.22 2.54 0.00 |
| DELAWARE___LFGE 323621 | 22.69 0.89 0.00 | 22.06 0.66 0.00 | 21.09 0.61 0.00 | 19.99 0.56 0.00 | 20.04 0.58 0.00 | 22.13 0.69 0.00 | 25.96 1.10 0.09 | 28.25 1.25 0.21 | 26.50 1.19 0.09 | 26.03 1.17 0.05 | 25.93 1.14 0.05 | 27.33 1.23 0.04 | 28.60 1.29 0.08 | 31.02 1.43 0.15 | 33.52 1.54 0.20 | 35.53 1.64 0.26 | 39.65 1.90 0.28 | 45.99 2.63 0.48 | 48.13 2.74 0.34 | 45.71 2.52 0.29 | 42.65 2.24 0.41 | 38.17 1.80 0.32 | 30.79 1.41 0.05 | 26.93 1.26 0.00 |
| DERFIELD_115KV_TB7 355931 | 21.99 0.20 0.00 | 21.50 0.11 0.00 | 20.57 0.10 0.00 | 19.53 0.10 0.00 | 19.56 0.10 0.00 | 21.57 0.13 0.00 | 25.18 0.22 0.00 | 27.45 0.24 0.00 | 25.63 0.23 0.00 | 25.11 0.20 0.00 | 25.03 0.20 0.00 | 26.35 0.21 0.00 | 27.62 0.22 0.00 | 30.01 0.27 0.00 | 32.47 0.29 0.00 | 34.42 0.27 0.00 | 38.37 0.34 0.00 | 44.41 0.57 0.00 | 46.37 0.64 0.00 | 44.05 0.57 0.00 | 41.31 0.49 0.00 | 37.02 0.33 0.00 | 29.67 0.24 0.00 | 25.91 0.23 0.00 |
| DOGLEVILLE___HYD 23807 | 22.03 0.24 0.00 | 21.55 0.15 0.00 | 20.62 0.14 0.00 | 19.55 0.12 0.00 | 19.60 0.14 0.00 | 21.59 0.15 0.00 | 25.23 0.28 0.00 | 27.47 0.27 0.00 | 25.65 0.25 0.00 | 25.16 0.25 0.00 | 25.08 0.25 0.00 | 26.40 0.26 0.00 | 27.67 0.27 0.00 | 30.01 0.27 0.00 | 32.47 0.29 0.00 | 34.49 0.34 0.00 | 38.45 0.42 0.00 | 44.53 0.70 0.00 | 46.56 0.82 0.00 | 44.18 0.69 0.00 | 41.47 0.65 0.00 | 37.14 0.44 0.00 | 29.72 0.29 0.00 | 25.93 0.26 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 22.58 0.78 0.00 | 21.65 0.26 0.00 | 20.61 0.14 0.00 | 19.66 0.23 0.00 | 19.66 0.19 0.00 | 21.70 0.26 0.00 | 24.64 0.20 0.52 | 26.45 0.38 1.13 | 25.50 0.58 0.49 | 25.45 0.80 0.26 | 25.66 1.09 0.26 | 26.73 1.02 0.43 | 27.03 0.38 0.75 | 29.15 0.45 1.04 | 31.85 0.87 1.20 | 33.58 0.85 1.42 | 37.40 0.91 1.54 | 42.30 1.10 2.63 | 45.40 1.55 1.89 | 43.49 1.61 1.61 | 39.59 1.02 2.25 | 35.21 0.29 1.77 | 29.63 0.47 0.27 | 25.96 0.28 0.00 |
| DUNKIRK___1 23563 | 22.58 0.78 0.00 | 21.65 0.26 0.00 | 20.61 0.14 0.00 | 19.66 0.23 0.00 | 19.66 0.19 0.00 | 21.70 0.26 0.00 | 24.64 0.20 0.52 | 26.45 0.38 1.13 | 25.50 0.58 0.49 | 25.45 0.80 0.26 | 25.66 1.09 0.26 | 26.73 1.02 0.43 | 27.03 0.38 0.75 | 29.15 0.45 1.04 | 31.85 0.87 1.20 | 33.58 0.85 1.42 | 37.40 0.91 1.54 | 42.30 1.10 2.63 | 45.40 1.55 1.89 | 43.49 1.61 1.61 | 39.59 1.02 2.25 | 35.21 0.29 1.77 | 29.63 0.47 0.27 | 25.96 0.28 0.00 |
| DUNKIRK___2 23564 | 22.58 0.78 0.00 | 21.65 0.26 0.00 | 20.61 0.14 0.00 | 19.66 0.23 0.00 | 19.66 0.19 0.00 | 21.70 0.26 0.00 | 24.64 0.20 0.52 | 26.45 0.38 1.13 | 25.50 0.58 0.49 | 25.45 0.80 0.26 | 25.66 1.09 0.26 | 26.73 1.02 0.43 | 27.03 0.38 0.75 | 29.15 0.45 1.04 | 31.85 0.87 1.20 | 33.58 0.85 1.42 | 37.40 0.91 1.54 | 42.30 1.10 2.63 | 45.40 1.55 1.89 | 43.49 1.61 1.61 | 39.59 1.02 2.25 | 35.21 0.29 1.77 | 29.63 0.47 0.27 | 25.96 0.28 0.00 |
| DUNKIRK___3 23565 | 22.42 0.63 0.00 | 21.55 0.15 0.00 | 20.53 0.06 0.00 | 19.59 0.16 0.00 | 19.58 0.12 0.00 | 21.61 0.17 0.00 | 24.48 0.05 0.53 | 26.23 0.16 1.14 | 25.29 0.38 0.49 | 25.25 0.60 0.26 | 25.44 0.87 0.26 | 26.49 0.78 0.43 | 26.81 0.16 0.75 | 28.91 0.21 1.04 | 31.56 0.58 1.20 | 33.27 0.55 1.42 | 37.06 0.57 1.54 | 41.86 0.66 2.64 | 44.94 1.10 1.89 | 43.00 1.13 1.61 | 39.17 0.61 2.26 | 34.88 -0.04 1.78 | 29.42 0.26 0.27 | 25.83 0.15 0.00 |
| DUNKIRK___4 23566 | 22.42 0.63 0.00 | 21.55 0.15 0.00 | 20.53 0.06 0.00 | 19.59 0.16 0.00 | 19.58 0.12 0.00 | 21.61 0.17 0.00 | 24.48 0.05 0.53 | 26.23 0.16 1.14 | 25.29 0.38 0.49 | 25.25 0.60 0.26 | 25.44 0.87 0.26 | 26.49 0.78 0.43 | 26.81 0.16 0.75 | 28.91 0.21 1.04 | 31.56 0.58 1.20 | 33.27 0.55 1.42 | 37.06 0.57 1.54 | 41.86 0.66 2.64 | 44.94 1.10 1.89 | 43.00 1.13 1.61 | 39.17 0.61 2.26 | 34.88 -0.04 1.78 | 29.42 0.26 0.27 | 25.83 0.15 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.52 1.04 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.83 1.87 0.00 | 29.38 2.18 0.00 | 27.58 2.18 0.00 | 27.03 2.12 0.00 | 26.97 2.14 0.00 | 28.61 2.25 -0.22 | 30.06 2.36 -0.31 | 32.57 2.62 -0.21 | 34.97 2.70 -0.08 | 36.95 2.80 0.00 | 41.07 3.04 0.00 | 48.13 4.30 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.45 3.63 0.00 | 39.59 2.90 0.00 | 31.73 2.30 0.00 | 27.78 2.11 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 22.95 1.15 0.00 | 22.21 0.81 0.00 | 21.25 0.78 0.00 | 20.15 0.72 0.00 | 20.18 0.72 0.00 | 22.23 0.79 0.00 | 26.53 1.57 0.00 | 29.00 1.80 0.00 | 27.15 1.75 0.00 | 26.58 1.67 0.00 | 26.50 1.66 0.00 | 28.06 1.73 -0.19 | 29.49 1.84 -0.26 | 31.94 2.02 -0.18 | 34.38 2.12 -0.07 | 36.37 2.22 0.00 | 40.54 2.51 0.00 | 47.47 3.64 0.00 | 49.39 3.66 0.00 | 46.83 3.35 0.00 | 43.88 3.06 0.00 | 39.12 2.42 0.00 | 31.31 1.88 0.00 | 27.42 1.75 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.63 1.15 -0.01 | 20.48 1.05 0.00 | 20.52 1.05 -0.01 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.09 2.19 0.01 | 27.06 2.24 0.01 | 28.71 2.35 -0.22 | 30.19 2.49 -0.30 | 32.68 2.74 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.15 3.12 0.00 | 48.09 4.25 0.00 | 49.85 4.12 0.00 | 47.22 3.74 0.00 | 44.45 3.63 0.00 | 39.67 2.97 0.00 | 31.79 2.35 0.00 | 27.89 2.21 -0.01 |
| E179THST_13_KV_LOAD 356214 | 23.46 1.66 -0.01 | 22.64 1.24 0.00 | 21.69 1.21 -0.01 | 20.56 1.13 0.00 | 20.58 1.11 -0.01 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.59 2.39 0.01 | 27.80 2.41 0.01 | 27.22 2.32 0.01 | 27.19 2.36 0.01 | 28.84 2.48 -0.22 | 30.30 2.60 -0.30 | 32.83 2.89 -0.20 | 35.25 2.99 -0.08 | 37.21 3.07 0.01 | 41.34 3.31 0.00 | 48.35 4.52 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.69 3.88 0.00 | 39.85 3.16 0.00 | 31.93 2.50 0.00 | 27.99 2.31 -0.01 |
| EAST HAMPTON___GT 23717 | 24.06 2.27 0.00 | 23.32 1.93 0.00 | 22.01 1.54 0.00 | 21.12 1.69 0.00 | 20.96 1.50 0.00 | 23.31 1.86 0.00 | 27.33 2.37 0.00 | 30.59 3.34 -0.04 | 28.39 3.00 0.00 | 27.72 2.81 0.00 | 27.37 2.53 0.00 | 29.08 2.72 -0.22 | 30.36 2.66 -0.31 | 32.48 2.53 -0.21 | 34.91 2.64 -0.08 | 36.88 2.73 0.00 | 41.30 3.23 -0.04 | 48.39 4.56 0.00 | 50.26 4.48 -0.04 | 49.17 4.39 -1.30 | 45.18 4.32 -0.04 | 40.76 3.19 -0.87 | 31.40 1.97 0.00 | 27.99 2.31 0.00 |
| EAST RIVER___6 23660 | 23.29 1.50 0.00 | 22.51 1.11 0.00 | 21.51 1.04 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.93 1.97 0.00 | 29.54 2.34 0.00 | 27.81 2.41 0.00 | 27.23 2.32 0.00 | 27.20 2.36 0.00 | 28.85 2.48 -0.22 | 30.31 2.60 -0.31 | 32.81 2.86 -0.21 | 35.26 2.99 -0.08 | 37.32 3.18 0.00 | 41.34 3.31 0.00 | 48.57 4.74 0.00 | 50.30 4.57 0.00 | 47.70 4.22 0.00 | 44.94 4.12 0.00 | 39.81 3.12 0.00 | 31.87 2.44 0.00 | 27.78 2.11 0.00 |
| EAST RIVER___7 23524 | 23.29 1.50 0.00 | 22.51 1.11 0.00 | 21.51 1.04 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.93 1.97 0.00 | 29.54 2.34 0.00 | 27.81 2.41 0.00 | 27.23 2.32 0.00 | 27.20 2.36 0.00 | 28.85 2.48 -0.22 | 30.31 2.60 -0.31 | 32.81 2.86 -0.21 | 35.26 2.99 -0.08 | 37.32 3.18 0.00 | 41.34 3.31 0.00 | 48.57 4.74 0.00 | 50.30 4.57 0.00 | 47.70 4.22 0.00 | 44.94 4.12 0.00 | 39.81 3.12 0.00 | 31.87 2.44 0.00 | 27.78 2.11 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 23.16 1.37 0.00 | 22.42 1.03 0.00 | 21.45 0.98 0.00 | 20.32 0.89 0.00 | 20.36 0.90 0.00 | 22.45 1.01 0.00 | 26.73 1.77 0.00 | 29.27 2.07 0.00 | 27.46 2.06 0.00 | 26.88 1.97 0.00 | 26.85 2.01 0.00 | 28.48 2.12 -0.22 | 29.92 2.22 -0.31 | 32.39 2.44 -0.21 | 34.78 2.51 -0.08 | 36.74 2.60 0.00 | 40.88 2.85 0.00 | 47.87 4.03 0.00 | 49.76 4.02 0.00 | 47.18 3.70 0.00 | 44.24 3.43 0.00 | 39.41 2.72 0.00 | 31.55 2.12 0.00 | 27.65 1.98 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 24.06 2.27 0.00 | 23.32 1.93 0.00 | 22.01 1.54 0.00 | 21.12 1.69 0.00 | 20.96 1.50 0.00 | 23.31 1.86 0.00 | 27.33 2.37 0.00 | 30.59 3.34 -0.04 | 28.39 3.00 0.00 | 27.70 2.79 0.00 | 27.37 2.53 0.00 | 29.06 2.69 -0.22 | 30.34 2.63 -0.31 | 32.42 2.47 -0.21 | 34.87 2.61 -0.08 | 36.84 2.70 0.00 | 41.22 3.15 -0.04 | 48.31 4.47 0.00 | 50.21 4.43 -0.04 | 49.05 4.26 -1.30 | 45.10 4.24 -0.04 | 40.65 3.08 -0.87 | 31.34 1.91 0.00 | 27.94 2.26 0.00 |
| EAST_POINT___SOLAR 323840 | 23.67 1.87 0.00 | 23.13 1.73 0.00 | 22.09 1.62 0.00 | 20.95 1.52 0.00 | 20.98 1.52 0.00 | 23.29 1.84 0.00 | 27.46 2.50 0.00 | 29.89 2.69 0.00 | 27.73 2.34 0.00 | 27.03 2.12 0.00 | 26.92 2.09 0.00 | 28.18 2.09 0.05 | 29.60 2.27 0.07 | 32.17 2.47 0.05 | 35.03 2.86 0.02 | 37.46 3.31 0.00 | 41.98 3.95 0.00 | 49.45 5.61 0.00 | 52.00 6.27 0.00 | 49.44 5.96 0.00 | 46.29 5.47 0.00 | 40.95 4.25 0.00 | 32.81 3.38 0.00 | 28.53 2.85 0.00 |
| EAST_PULASKI___ESR 323781 | 21.64 -0.15 0.00 | 21.12 -0.28 0.00 | 20.20 -0.27 0.00 | 19.16 -0.27 0.00 | 19.21 -0.25 0.00 | 21.21 -0.24 0.00 | 25.19 -0.12 -0.36 | 27.92 -0.05 -0.77 | 25.63 -0.10 -0.33 | 24.99 -0.10 -0.18 | 24.92 -0.10 -0.18 | 26.30 -0.13 -0.29 | 27.77 -0.14 -0.51 | 30.34 -0.12 -0.71 | 32.87 -0.13 -0.82 | 34.84 -0.27 -0.97 | 38.77 -0.31 -1.05 | 45.58 -0.04 -1.79 | 47.11 0.09 -1.29 | 44.80 0.22 -1.09 | 42.47 0.12 -1.53 | 37.90 0.00 -1.21 | 29.70 0.09 -0.18 | 25.65 -0.03 0.00 |
| EAST_RIVER___1 323558 | 23.29 1.50 0.00 | 22.51 1.11 0.00 | 21.51 1.04 0.00 | 20.42 0.99 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.91 1.95 0.00 | 29.49 2.29 0.00 | 27.73 2.34 0.00 | 27.15 2.24 0.00 | 27.12 2.28 0.00 | 28.77 2.40 -0.22 | 30.20 2.49 -0.31 | 32.69 2.73 -0.21 | 35.16 2.90 -0.08 | 37.18 3.04 0.00 | 41.18 3.15 0.00 | 48.39 4.56 0.00 | 50.12 4.39 0.00 | 47.53 4.04 0.00 | 44.82 4.00 0.00 | 39.70 3.01 0.00 | 31.81 2.38 0.00 | 27.75 2.08 0.00 |
| EAST_RIVER___2 323559 | 23.29 1.50 0.00 | 22.51 1.11 0.00 | 21.51 1.04 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.93 1.97 0.00 | 29.54 2.34 0.00 | 27.81 2.41 0.00 | 27.23 2.32 0.00 | 27.20 2.36 0.00 | 28.85 2.48 -0.22 | 30.31 2.60 -0.31 | 32.81 2.86 -0.21 | 35.26 2.99 -0.08 | 37.32 3.18 0.00 | 41.34 3.31 0.00 | 48.57 4.74 0.00 | 50.30 4.57 0.00 | 47.70 4.22 0.00 | 44.94 4.12 0.00 | 39.81 3.12 0.00 | 31.87 2.44 0.00 | 27.78 2.11 0.00 |
| EAST___DELAWARE_HYD 23607 | 22.86 1.07 0.00 | 22.08 0.68 0.00 | 21.11 0.64 0.00 | 20.01 0.58 0.00 | 20.04 0.58 0.00 | 22.08 0.64 0.00 | 26.56 1.60 0.00 | 29.05 1.85 0.00 | 27.20 1.80 0.00 | 26.55 1.64 0.00 | 26.43 1.59 0.00 | 27.95 1.67 -0.14 | 29.31 1.73 -0.19 | 31.83 1.96 -0.13 | 34.32 2.09 -0.05 | 36.43 2.29 0.00 | 40.65 2.62 0.00 | 47.82 3.99 0.00 | 49.85 4.12 0.00 | 47.22 3.74 0.00 | 44.41 3.59 0.00 | 39.41 2.72 0.00 | 31.46 2.03 0.00 | 27.45 1.77 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 22.38 0.59 0.00 | 21.53 0.13 0.00 | 20.55 0.08 0.00 | 19.51 0.08 0.00 | 19.52 0.06 0.00 | 21.59 0.15 0.00 | 24.82 0.25 0.39 | 26.82 0.46 0.84 | 25.67 0.64 0.36 | 25.49 0.77 0.19 | 25.58 0.94 0.20 | 26.73 0.91 0.32 | 27.47 0.63 0.56 | 29.74 0.77 0.77 | 32.26 0.96 0.89 | 33.88 0.79 1.06 | 37.80 0.91 1.14 | 43.06 1.18 1.95 | 46.11 1.78 1.40 | 44.20 1.91 1.19 | 40.53 1.39 1.67 | 35.89 0.51 1.32 | 29.79 0.56 0.20 | 26.14 0.46 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 21.75 -0.04 0.00 | 21.18 -0.21 0.00 | 20.25 -0.23 0.00 | 19.20 -0.23 0.00 | 19.25 -0.21 0.00 | 21.25 -0.19 0.00 | 24.93 -0.02 0.00 | 27.23 0.03 0.00 | 25.45 0.05 0.00 | 25.01 0.10 0.00 | 24.93 0.10 0.00 | 26.24 0.10 0.00 | 27.48 0.08 0.00 | 29.89 0.15 0.00 | 32.38 0.19 0.00 | 34.35 0.20 0.00 | 38.30 0.27 0.00 | 44.36 0.53 0.00 | 46.37 0.64 0.00 | 44.09 0.61 0.00 | 41.31 0.49 0.00 | 36.91 0.22 0.00 | 29.64 0.21 0.00 | 25.73 0.05 0.00 |
| ELEC_TRO_TEK 24086 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.43 0.96 0.00 | 20.38 0.95 0.00 | 20.32 0.86 0.00 | 22.51 1.07 0.00 | 26.68 1.72 0.00 | 29.49 2.28 0.00 | 27.63 2.24 0.00 | 27.05 2.14 0.00 | 26.95 2.11 0.00 | 28.66 2.30 -0.22 | 30.12 2.41 -0.31 | 32.45 2.50 -0.21 | 34.78 2.51 -0.08 | 36.74 2.60 0.00 | 40.96 2.93 0.00 | 47.82 3.99 0.00 | 49.80 4.07 0.00 | 47.31 3.83 0.00 | 44.33 3.51 0.00 | 39.70 3.01 0.00 | 31.58 2.15 0.00 | 27.96 2.29 0.00 |

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| ELLENBURG_WT_PWR 323604 | 21.81 0.02 0.00 | 21.65 0.26 0.00 | 20.62 0.14 0.00 | 19.58 0.15 0.00 | 19.60 0.14 0.00 | 21.51 0.06 0.00 | 24.73 -0.23 0.00 | 27.15 -0.05 0.00 | 25.35 -0.05 0.00 | 24.93 0.02 0.00 | 24.69 -0.15 0.00 | 26.27 0.13 0.00 | 27.56 0.17 0.00 | 29.66 -0.09 0.00 | 31.92 -0.26 0.00 | 33.80 -0.34 0.00 | 38.14 0.11 0.00 | 42.30 -1.54 0.00 | 43.03 -2.70 0.00 | 41.66 -1.82 0.00 | 38.57 -2.24 0.00 | 35.48 -1.21 0.00 | 28.90 -0.53 0.00 | 25.09 -0.59 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 22.08 0.28 0.00 | 21.25 -0.15 0.00 | 20.27 -0.20 0.00 | 19.35 -0.08 0.00 | 19.32 -0.14 0.00 | 21.33 -0.11 0.00 | 24.24 -0.17 0.55 | 25.83 -0.19 1.18 | 24.92 0.03 0.51 | 24.86 0.22 0.27 | 25.03 0.47 0.28 | 26.08 0.39 0.45 | 26.45 -0.16 0.78 | 28.51 -0.15 1.09 | 31.09 0.16 1.25 | 32.77 0.10 1.48 | 36.46 0.04 1.61 | 41.18 0.09 2.74 | 44.17 0.41 1.97 | 42.29 0.48 1.68 | 38.51 0.04 2.35 | 34.33 -0.51 1.85 | 29.09 -0.06 0.28 | 25.50 -0.18 0.00 |
| EMPIRE_CC_1 323656 | 22.42 0.63 0.00 | 21.82 0.43 0.00 | 20.88 0.41 0.00 | 19.84 0.41 0.00 | 19.89 0.43 0.00 | 21.89 0.45 0.00 | 25.68 0.72 0.00 | 27.77 0.57 0.00 | 25.83 0.43 0.00 | 25.31 0.40 0.00 | 25.21 0.37 0.00 | 26.24 0.34 0.24 | 27.45 0.38 0.33 | 29.94 0.42 0.22 | 32.54 0.45 0.09 | 34.69 0.54 0.00 | 38.64 0.61 0.00 | 45.02 1.18 0.00 | 47.06 1.33 0.00 | 44.66 1.17 0.00 | 42.04 1.22 0.00 | 37.50 0.81 0.00 | 29.99 0.56 0.00 | 26.29 0.62 0.00 |
| EMPIRE_CC_2 323658 | 22.42 0.63 0.00 | 21.82 0.43 0.00 | 20.88 0.41 0.00 | 19.84 0.41 0.00 | 19.89 0.43 0.00 | 21.89 0.45 0.00 | 25.68 0.72 0.00 | 27.77 0.57 0.00 | 25.83 0.43 0.00 | 25.31 0.40 0.00 | 25.21 0.37 0.00 | 26.24 0.34 0.24 | 27.45 0.38 0.33 | 29.94 0.42 0.22 | 32.54 0.45 0.09 | 34.69 0.54 0.00 | 38.64 0.61 0.00 | 45.02 1.18 0.00 | 47.06 1.33 0.00 | 44.66 1.17 0.00 | 42.04 1.22 0.00 | 37.50 0.81 0.00 | 29.99 0.56 0.00 | 26.29 0.62 0.00 |
| ENORWICH_115KV_TB1 80156 | 23.56 1.77 0.00 | 22.85 1.45 0.00 | 21.78 1.31 0.00 | 20.63 1.20 0.00 | 20.71 1.25 0.00 | 22.90 1.46 0.00 | 26.77 1.95 0.13 | 29.14 2.23 0.29 | 27.23 1.96 0.13 | 26.66 1.82 0.07 | 26.48 1.71 0.07 | 27.99 1.93 0.08 | 29.36 2.11 0.15 | 31.83 2.32 0.24 | 34.56 2.67 0.30 | 36.82 3.04 0.36 | 41.44 3.80 0.40 | 48.29 5.13 0.68 | 50.92 5.67 0.49 | 48.55 5.48 0.41 | 45.09 4.86 0.58 | 40.16 3.93 0.46 | 32.39 3.03 0.07 | 28.11 2.44 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 22.38 0.59 0.00 | 21.52 0.13 0.00 | 20.53 0.06 0.00 | 19.59 0.16 0.00 | 19.58 0.12 0.00 | 21.63 0.19 0.00 | 24.08 -0.35 0.53 | 25.75 -0.30 1.15 | 24.86 -0.05 0.49 | 24.79 0.15 0.26 | 24.99 0.42 0.27 | 26.04 0.34 0.44 | 26.39 -0.25 0.76 | 28.45 -0.24 1.05 | 31.07 0.10 1.21 | 32.78 0.07 1.44 | 36.51 0.04 1.56 | 41.22 0.04 2.66 | 44.23 0.41 1.91 | 42.29 0.43 1.63 | 38.46 -0.08 2.28 | 34.24 -0.66 1.80 | 28.95 -0.21 0.27 | 25.88 0.21 0.00 |
| ERIE_WT_PWR 323693 | 22.25 0.46 0.00 | 21.40 0.00 0.00 | 20.49 0.02 0.00 | 19.49 0.06 0.00 | 19.46 0.00 0.00 | 21.48 0.04 0.00 | 24.27 -0.15 0.54 | 25.96 -0.08 1.16 | 25.06 0.15 0.50 | 24.97 0.32 0.27 | 25.14 0.57 0.27 | 26.19 0.50 0.44 | 26.71 0.08 0.76 | 28.83 0.15 1.06 | 31.28 0.32 1.23 | 32.87 0.17 1.45 | 36.65 0.19 1.57 | 41.15 0.00 2.69 | 44.39 0.59 1.93 | 42.53 0.69 1.64 | 38.76 0.25 2.30 | 34.48 -0.40 1.81 | 29.18 0.03 0.28 | 25.96 0.28 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 23.34 1.55 0.00 | 22.77 1.37 0.00 | 21.74 1.27 0.00 | 20.60 1.17 0.00 | 20.65 1.19 0.00 | 22.88 1.44 0.00 | 26.98 2.02 0.00 | 29.46 2.26 0.00 | 27.46 2.06 0.00 | 26.85 1.94 0.00 | 26.75 1.91 0.00 | 28.10 1.99 0.03 | 29.50 2.14 0.03 | 32.04 2.32 0.02 | 34.81 2.64 0.01 | 37.08 2.94 0.00 | 41.49 3.46 0.00 | 48.61 4.78 0.00 | 50.95 5.21 0.00 | 48.40 4.91 0.00 | 45.22 4.41 0.00 | 40.25 3.56 0.00 | 32.20 2.77 0.00 | 28.04 2.36 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 22.45 0.65 0.00 | 21.82 0.43 0.00 | 20.82 0.35 0.00 | 19.74 0.31 0.00 | 19.81 0.35 0.00 | 21.89 0.45 0.00 | 25.58 0.77 0.15 | 27.80 0.92 0.33 | 26.10 0.84 0.14 | 25.63 0.80 0.08 | 25.53 0.77 0.08 | 26.85 0.81 0.10 | 28.06 0.85 0.19 | 30.42 0.95 0.28 | 32.97 1.13 0.34 | 34.96 1.23 0.41 | 39.14 1.56 0.44 | 45.31 2.24 0.76 | 47.70 2.52 0.55 | 45.50 2.48 0.46 | 42.37 2.20 0.65 | 37.87 1.69 0.51 | 30.71 1.35 0.08 | 26.63 0.95 0.00 |
| ETNA____115KV_TB2 80207 | 22.45 0.65 0.00 | 21.82 0.43 0.00 | 20.82 0.35 0.00 | 19.74 0.31 0.00 | 19.81 0.35 0.00 | 21.89 0.45 0.00 | 25.58 0.77 0.15 | 27.80 0.92 0.33 | 26.10 0.84 0.14 | 25.63 0.80 0.08 | 25.53 0.77 0.08 | 26.85 0.81 0.10 | 28.06 0.85 0.19 | 30.42 0.95 0.28 | 32.97 1.13 0.34 | 34.96 1.23 0.41 | 39.14 1.56 0.44 | 45.31 2.24 0.76 | 47.70 2.52 0.55 | 45.50 2.48 0.46 | 42.37 2.20 0.65 | 37.87 1.69 0.51 | 30.71 1.35 0.08 | 26.63 0.95 0.00 |
| EUCLID__115KV_TB2 356179 | 21.62 -0.17 0.00 | 21.08 -0.32 0.00 | 20.12 -0.35 0.00 | 19.10 -0.33 0.00 | 19.15 -0.31 0.00 | 21.12 -0.32 0.00 | 24.40 -0.20 0.36 | 26.26 -0.16 0.78 | 24.94 -0.13 0.33 | 24.66 -0.07 0.18 | 24.60 -0.05 0.18 | 25.79 -0.05 0.30 | 26.80 -0.08 0.51 | 28.97 -0.06 0.71 | 31.36 0.00 0.82 | 33.14 -0.03 0.97 | 36.90 -0.08 1.05 | 42.21 0.18 1.80 | 44.67 0.23 1.29 | 42.60 0.22 1.10 | 39.36 0.08 1.54 | 35.40 -0.07 1.22 | 29.22 -0.03 0.19 | 25.55 -0.13 0.00 |
| E_CANADA_CAP_HY 24051 | 23.60 1.81 0.00 | 23.09 1.69 0.00 | 22.05 1.58 0.00 | 20.89 1.46 0.00 | 20.94 1.48 0.00 | 23.22 1.78 0.00 | 27.38 2.42 0.00 | 29.81 2.61 0.00 | 27.69 2.29 0.00 | 26.98 2.07 0.00 | 26.87 2.04 0.00 | 28.13 2.04 0.05 | 29.55 2.22 0.07 | 32.11 2.41 0.05 | 34.93 2.77 0.02 | 37.35 3.21 0.00 | 41.87 3.84 0.00 | 49.27 5.43 0.00 | 51.82 6.08 0.00 | 49.27 5.78 0.00 | 46.16 5.35 0.00 | 40.84 4.15 0.00 | 32.73 3.30 0.00 | 28.47 2.80 0.00 |
| E_CANADA_MHWK_HY 24050 | 22.03 0.24 0.00 | 21.55 0.15 0.00 | 20.62 0.14 0.00 | 19.55 0.12 0.00 | 19.60 0.14 0.00 | 21.59 0.15 0.00 | 25.23 0.28 0.00 | 27.47 0.27 0.00 | 25.65 0.25 0.00 | 25.16 0.25 0.00 | 25.08 0.25 0.00 | 26.40 0.26 0.00 | 27.67 0.27 0.00 | 30.01 0.27 0.00 | 32.47 0.29 0.00 | 34.49 0.34 0.00 | 38.45 0.42 0.00 | 44.53 0.70 0.00 | 46.56 0.82 0.00 | 44.18 0.69 0.00 | 41.47 0.65 0.00 | 37.14 0.44 0.00 | 29.72 0.29 0.00 | 25.93 0.26 0.00 |
| E_FISHKILL__LBMP 23776 | 22.97 1.18 0.00 | 22.23 0.83 0.00 | 21.27 0.80 0.00 | 20.17 0.74 0.00 | 20.20 0.74 0.00 | 22.28 0.84 0.00 | 26.46 1.50 0.00 | 28.89 1.69 0.00 | 27.05 1.65 0.00 | 26.48 1.57 0.00 | 26.42 1.59 0.00 | 28.02 1.65 -0.23 | 29.47 1.75 -0.32 | 31.89 1.93 -0.21 | 34.26 2.00 -0.09 | 36.23 2.08 0.00 | 40.31 2.28 0.00 | 47.17 3.33 0.00 | 49.12 3.38 0.00 | 46.57 3.09 0.00 | 43.67 2.86 0.00 | 38.93 2.24 0.00 | 31.17 1.74 0.00 | 27.32 1.64 0.00 |
| FALCON__SEABRD_CC1 323796 | 21.95 0.15 0.00 | 21.80 0.41 0.00 | 20.76 0.29 0.00 | 19.72 0.29 0.00 | 19.75 0.29 0.00 | 21.70 0.26 0.00 | 24.96 0.00 0.00 | 27.42 0.22 0.00 | 25.58 0.18 0.00 | 25.13 0.22 0.00 | 24.96 0.12 0.00 | 26.45 0.31 0.00 | 27.75 0.36 0.00 | 29.86 0.12 0.00 | 32.22 0.03 0.00 | 34.15 0.00 0.00 | 38.49 0.46 0.00 | 42.48 -1.36 0.00 | 43.22 -2.52 0.00 | 41.74 -1.74 0.00 | 38.74 -2.08 0.00 | 35.56 -1.14 0.00 | 29.14 -0.29 0.00 | 25.32 -0.36 0.00 |

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| FALCON___SEABRD_CC2 323797 | 21.95 0.15 0.00 | 21.80 0.41 0.00 | 20.76 0.29 0.00 | 19.72 0.29 0.00 | 19.75 0.29 0.00 | 21.70 0.26 0.00 | 24.96 0.00 0.00 | 27.42 0.22 0.00 | 25.58 0.18 0.00 | 25.13 0.22 0.00 | 24.96 0.12 0.00 | 26.45 0.31 0.00 | 27.75 0.36 0.00 | 29.86 0.12 0.00 | 32.22 0.03 0.00 | 34.15 0.00 0.00 | 38.49 0.46 0.00 | 42.48 -1.36 0.00 | 43.22 -2.52 0.00 | 41.74 -1.74 0.00 | 38.74 -2.08 0.00 | 35.56 -1.14 0.00 | 29.14 -0.29 0.00 | 25.32 -0.36 0.00 |
| FAR ROCKAWAY___4 23548 | 23.56 1.77 0.00 | 22.77 1.37 0.00 | 21.70 1.23 0.00 | 20.62 1.19 0.00 | 20.55 1.09 0.00 | 22.79 1.35 0.00 | 26.96 2.00 0.00 | 29.81 2.61 0.00 | 27.94 2.54 0.00 | 27.38 2.47 0.00 | 27.27 2.43 0.00 | 29.03 2.67 -0.22 | 30.50 2.79 -0.31 | 32.90 2.94 -0.21 | 35.29 3.03 -0.08 | 37.32 3.18 0.00 | 41.64 3.61 0.00 | 48.66 4.82 0.00 | 50.72 4.98 0.00 | 48.14 4.65 0.00 | 45.14 4.33 0.00 | 40.40 3.71 0.00 | 32.02 2.59 0.00 | 28.35 2.67 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 23.30 1.50 0.00 | 22.51 1.11 0.00 | 21.54 1.06 0.00 | 20.42 0.99 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.71 2.31 0.00 | 27.15 2.24 0.00 | 27.12 2.28 0.00 | 28.74 2.38 -0.22 | 30.23 2.52 -0.31 | 32.72 2.77 -0.21 | 35.16 2.90 -0.08 | 37.08 2.94 0.00 | 41.19 3.16 0.00 | 48.26 4.43 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.57 3.76 0.00 | 39.96 3.27 0.00 | 31.81 2.38 0.00 | 27.83 2.16 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 23.30 1.50 0.00 | 22.51 1.11 0.00 | 21.54 1.06 0.00 | 20.42 0.99 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.71 2.31 0.00 | 27.15 2.24 0.00 | 27.09 2.26 0.00 | 28.74 2.38 -0.22 | 30.23 2.52 -0.31 | 32.72 2.77 -0.21 | 35.13 2.86 -0.08 | 37.08 2.94 0.00 | 41.19 3.16 0.00 | 48.26 4.43 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.57 3.76 0.00 | 39.70 3.01 0.00 | 31.81 2.38 0.00 | 27.86 2.18 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.54 1.06 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.71 2.31 0.00 | 27.13 2.22 0.00 | 27.09 2.26 0.00 | 28.74 2.38 -0.22 | 30.20 2.49 -0.31 | 32.72 2.77 -0.21 | 35.13 2.86 -0.08 | 37.08 2.94 0.00 | 41.15 3.12 0.00 | 48.26 4.43 0.00 | 50.08 4.34 0.00 | 47.44 3.96 0.00 | 44.53 3.71 0.00 | 39.67 2.97 0.00 | 31.79 2.35 0.00 | 27.83 2.16 0.00 |
| FARRAGUT___LBMP 323566 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.52 1.04 0.00 | 20.40 0.97 0.00 | 20.41 0.95 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.46 2.26 0.00 | 27.68 2.29 0.00 | 27.10 2.19 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.17 2.47 -0.31 | 32.69 2.74 -0.21 | 35.10 2.83 -0.08 | 37.05 2.90 0.00 | 41.11 3.08 0.00 | 48.22 4.38 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.79 2.35 0.00 | 27.81 2.13 0.00 |
| FENNER___WINDPWR 24204 | 22.34 0.55 0.00 | 21.78 0.39 0.00 | 20.84 0.37 0.00 | 19.76 0.33 0.00 | 19.81 0.35 0.00 | 21.85 0.41 0.00 | 25.46 0.65 0.15 | 27.66 0.79 0.33 | 26.00 0.74 0.14 | 25.53 0.70 0.08 | 25.43 0.67 0.08 | 26.77 0.76 0.12 | 28.00 0.82 0.22 | 30.37 0.92 0.30 | 32.87 1.03 0.35 | 34.83 1.09 0.41 | 38.95 1.37 0.44 | 44.92 1.84 0.76 | 47.25 2.06 0.54 | 44.98 1.96 0.46 | 41.92 1.75 0.65 | 37.50 1.32 0.51 | 30.38 1.03 0.08 | 26.47 0.80 0.00 |
| FIBERTEK___ENERGY 23856 | 21.84 0.04 0.00 | 21.27 -0.13 0.00 | 20.31 -0.16 0.00 | 19.27 -0.16 0.00 | 19.32 -0.14 0.00 | 21.31 -0.13 0.00 | 25.01 0.05 0.00 | 27.34 0.14 0.00 | 25.55 0.15 0.00 | 25.11 0.20 0.00 | 25.06 0.22 0.00 | 26.37 0.24 0.00 | 27.64 0.25 0.00 | 30.07 0.33 0.00 | 32.57 0.39 0.00 | 34.52 0.38 0.00 | 38.49 0.46 0.00 | 44.58 0.75 0.00 | 46.56 0.82 0.00 | 44.27 0.78 0.00 | 41.47 0.65 0.00 | 37.10 0.40 0.00 | 29.81 0.38 0.00 | 25.83 0.15 0.00 |
| FITZPATRICK____ 23598 | 21.27 -0.52 0.00 | 20.75 -0.64 0.00 | 19.86 -0.61 0.00 | 18.85 -0.58 0.00 | 18.88 -0.58 0.00 | 20.82 -0.62 0.00 | 19.87 -0.62 4.47 | 16.85 -0.65 9.70 | 20.66 -0.58 4.16 | 22.13 -0.55 2.23 | 22.06 -0.52 2.25 | 21.91 -0.55 3.68 | 20.40 -0.60 6.39 | 20.23 -0.63 8.89 | 21.29 -0.64 10.25 | 21.26 -0.75 12.13 | 24.07 -0.80 13.16 | 20.57 -0.79 22.48 | 28.86 -0.73 16.14 | 29.05 -0.70 13.74 | 20.89 -0.69 19.23 | 20.76 -0.77 15.17 | 26.53 -0.59 2.31 | 25.14 -0.54 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 23.54 1.74 0.00 | 22.77 1.37 0.00 | 21.68 1.21 0.00 | 20.63 1.20 0.00 | 20.53 1.07 0.00 | 22.81 1.37 0.00 | 26.88 1.92 0.00 | 30.02 2.77 -0.05 | 27.96 2.57 0.00 | 27.35 2.44 0.00 | 27.17 2.33 0.00 | 28.93 2.56 -0.22 | 30.36 2.66 -0.31 | 32.69 2.74 -0.21 | 35.00 2.74 -0.08 | 37.01 2.87 0.00 | 41.46 3.38 -0.05 | 48.22 4.38 0.00 | 50.40 4.62 -0.05 | 49.29 4.30 -1.50 | 44.86 4.00 -0.05 | 41.18 3.49 -1.00 | 31.84 2.41 0.00 | 28.42 2.75 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.35 0.88 0.00 | 20.25 0.82 0.00 | 20.26 0.80 0.00 | 22.34 0.90 0.00 | 26.71 1.75 0.00 | 29.16 1.96 0.00 | 27.30 1.90 0.00 | 26.73 1.82 0.00 | 26.62 1.79 0.00 | 28.19 1.86 -0.20 | 29.67 2.00 -0.27 | 32.19 2.26 -0.18 | 34.64 2.38 -0.07 | 36.67 2.53 0.00 | 40.92 2.89 0.00 | 47.96 4.12 0.00 | 49.94 4.21 0.00 | 47.27 3.78 0.00 | 44.33 3.51 0.00 | 39.48 2.79 0.00 | 31.55 2.12 0.00 | 27.65 1.98 0.00 |
| FORT ORANGE____ 23900 | 22.40 0.61 0.00 | 21.87 0.47 0.00 | 20.90 0.43 0.00 | 19.88 0.45 0.00 | 19.89 0.43 0.00 | 21.91 0.47 0.00 | 25.71 0.75 0.00 | 27.72 0.52 0.00 | 25.78 0.38 0.00 | 25.23 0.32 0.00 | 25.08 0.25 0.00 | 26.30 0.26 0.10 | 27.58 0.33 0.14 | 30.04 0.39 0.10 | 32.59 0.45 0.04 | 34.69 0.54 0.00 | 38.71 0.69 0.00 | 45.20 1.36 0.00 | 47.29 1.56 0.00 | 44.87 1.39 0.00 | 42.20 1.39 0.00 | 37.61 0.92 0.00 | 30.08 0.65 0.00 | 26.27 0.59 0.00 |
| FORT_DRUM_COGEN 23780 | 21.86 0.07 0.00 | 21.42 0.02 0.00 | 20.57 0.10 0.00 | 19.51 0.08 0.00 | 19.58 0.12 0.00 | 21.55 0.11 0.00 | 25.25 0.20 -0.10 | 27.79 0.38 -0.21 | 25.69 0.20 -0.09 | 25.06 0.10 -0.05 | 24.96 0.07 -0.05 | 26.27 0.05 -0.08 | 27.61 0.08 -0.14 | 29.99 0.06 -0.19 | 32.50 0.10 -0.22 | 34.58 0.17 -0.26 | 38.54 0.23 -0.28 | 44.93 0.61 -0.48 | 46.99 0.91 -0.34 | 44.99 1.22 -0.29 | 42.16 0.94 -0.41 | 37.64 0.62 -0.32 | 29.83 0.35 -0.05 | 25.86 0.18 0.00 |
| FOX_HILLS___ESR 323835 | 23.50 1.70 -0.01 | 22.73 1.33 -0.01 | 21.77 1.29 -0.01 | 20.62 1.19 -0.01 | 20.66 1.19 -0.01 | 22.73 1.29 0.00 | 27.11 2.15 -0.01 | 29.66 2.45 -0.01 | 27.81 2.39 -0.02 | 27.24 2.32 -0.02 | 32.99 2.31 -5.85 | 41.60 2.43 -13.03 | 40.79 2.58 -10.82 | 40.54 2.86 -7.94 | 39.07 2.99 -3.89 | 38.49 3.07 -1.27 | 41.38 3.35 0.00 | 48.35 4.52 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.65 3.84 0.00 | 40.20 3.23 -0.28 | 32.12 2.68 -0.01 | 28.12 2.44 -0.01 |
| FPL FAR_ROCK_GT1 24212 | 23.56 1.76 0.00 | 22.77 1.37 0.00 | 21.62 1.15 0.00 | 20.62 1.19 0.00 | 20.55 1.09 0.00 | 22.79 1.35 0.00 | 26.98 2.02 0.00 | 29.76 2.56 0.00 | 27.94 2.54 0.00 | 27.38 2.47 0.00 | 27.27 2.44 0.00 | 29.03 2.67 -0.22 | 30.47 2.77 -0.31 | 32.81 2.86 -0.21 | 35.33 3.06 -0.08 | 37.40 3.25 0.00 | 41.65 3.61 0.00 | 48.88 5.04 0.00 | 50.81 5.08 0.00 | 48.36 4.87 0.00 | 45.67 4.85 0.00 | 40.40 3.70 0.00 | 32.05 2.62 0.00 | 28.30 2.62 0.00 |

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| FPL FAR_ROCK_GT2 23815 | 23.56 1.76 0.00 | 22.77 1.37 0.00 | 21.62 1.15 0.00 | 20.62 1.19 0.00 | 20.55 1.09 0.00 | 22.79 1.35 0.00 | 26.98 2.02 0.00 | 29.76 2.56 0.00 | 27.94 2.54 0.00 | 27.38 2.47 0.00 | 27.27 2.44 0.00 | 29.03 2.67 -0.22 | 30.47 2.77 -0.31 | 32.81 2.86 -0.21 | 35.33 3.06 -0.08 | 37.40 3.25 0.00 | 41.65 3.61 0.00 | 48.88 5.04 0.00 | 50.81 5.08 0.00 | 48.36 4.87 0.00 | 45.67 4.85 0.00 | 40.40 3.70 0.00 | 32.05 2.62 0.00 | 28.30 2.62 0.00 |
| FRANKLIN_FALL_HYD 24054 | 21.68 -0.11 0.00 | 21.61 0.21 0.00 | 20.66 0.18 0.00 | 19.59 0.16 0.00 | 19.62 0.16 0.00 | 21.61 0.17 0.00 | 24.86 -0.10 0.00 | 27.28 0.08 0.00 | 25.42 0.03 0.00 | 24.93 0.02 0.00 | 24.83 0.00 0.00 | 26.19 0.05 0.00 | 27.48 0.08 0.00 | 29.60 -0.15 0.00 | 31.93 -0.26 0.00 | 33.84 -0.31 0.00 | 38.03 0.00 0.00 | 42.56 -1.27 0.00 | 43.90 -1.83 0.00 | 42.22 -1.26 0.00 | 39.67 -1.14 0.00 | 35.81 -0.88 0.00 | 28.96 -0.47 0.00 | 25.26 -0.41 0.00 |
| FREEPORT_EQUS_GT1 23764 | 23.40 1.61 0.00 | 22.62 1.22 0.00 | 21.49 1.02 0.00 | 20.50 1.07 0.00 | 20.43 0.97 0.00 | 22.66 1.22 0.00 | 26.83 1.87 0.00 | 29.62 2.42 0.00 | 27.81 2.41 0.00 | 27.23 2.32 0.00 | 27.12 2.28 0.00 | 28.85 2.48 -0.22 | 30.28 2.57 -0.31 | 32.54 2.59 -0.21 | 35.03 2.77 -0.08 | 36.95 2.80 0.00 | 41.07 3.04 0.00 | 48.26 4.43 0.00 | 50.17 4.43 0.00 | 47.75 4.26 0.00 | 45.06 4.24 0.00 | 40.03 3.34 0.00 | 31.84 2.41 0.00 | 28.14 2.47 0.00 |
| FREEPORT___CT2 23818 | 23.40 1.61 0.00 | 22.62 1.22 0.00 | 21.49 1.02 0.00 | 20.50 1.07 0.00 | 20.43 0.97 0.00 | 22.66 1.22 0.00 | 26.83 1.87 0.00 | 29.62 2.42 0.00 | 27.81 2.41 0.00 | 27.23 2.32 0.00 | 27.12 2.28 0.00 | 28.85 2.48 -0.22 | 30.28 2.57 -0.31 | 32.54 2.59 -0.21 | 35.03 2.77 -0.08 | 36.95 2.80 0.00 | 41.07 3.04 0.00 | 48.26 4.43 0.00 | 50.17 4.43 0.00 | 47.75 4.26 0.00 | 45.06 4.24 0.00 | 40.03 3.34 0.00 | 31.84 2.41 0.00 | 28.14 2.47 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 23.54 1.74 -0.01 | 22.77 1.37 -0.01 | 21.81 1.33 -0.01 | 20.68 1.24 -0.01 | 20.69 1.23 -0.01 | 22.77 1.33 0.00 | 27.16 2.20 -0.01 | 29.66 2.45 -0.01 | 27.75 2.34 -0.02 | 27.19 2.27 -0.02 | 29.40 2.24 -2.33 | 36.77 2.35 -8.28 | 36.80 2.49 -6.91 | 37.12 2.77 -4.61 | 37.10 2.90 -2.02 | 37.39 3.00 -0.24 | 41.25 3.23 0.01 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.44 3.96 0.00 | 44.61 3.80 0.00 | 40.03 3.16 -0.18 | 32.21 2.77 -0.01 | 28.20 2.52 -0.01 |
| FULTON COGEN____ 23766 | 21.55 -0.24 0.00 | 21.01 -0.39 0.00 | 20.08 -0.39 0.00 | 19.06 -0.37 0.00 | 19.09 -0.37 0.00 | 21.08 -0.36 0.00 | 25.13 -0.25 -0.42 | 27.90 -0.22 -0.91 | 25.61 -0.18 -0.39 | 24.97 -0.15 -0.21 | 24.90 -0.15 -0.21 | 26.36 -0.13 -0.35 | 27.83 -0.16 -0.60 | 30.46 -0.12 -0.84 | 33.05 -0.10 -0.97 | 35.19 -0.10 -1.14 | 39.12 -0.15 -1.24 | 46.04 0.09 -2.12 | 47.39 0.14 -1.52 | 44.95 0.17 -1.30 | 42.67 0.04 -1.81 | 38.01 -0.11 -1.43 | 29.62 -0.03 -0.22 | 25.52 -0.15 0.00 |
| FULTON___LFGE 323630 | 24.60 2.81 0.00 | 24.05 2.65 0.00 | 22.93 2.46 0.00 | 21.72 2.29 0.00 | 21.74 2.28 0.00 | 24.21 2.77 0.00 | 28.53 3.57 0.00 | 30.87 3.67 0.00 | 28.55 3.15 0.00 | 27.75 2.84 0.00 | 27.57 2.73 0.00 | 28.96 2.88 0.06 | 30.49 3.18 0.08 | 33.17 3.48 0.05 | 36.25 4.09 0.02 | 38.99 4.85 0.00 | 43.88 5.85 0.00 | 52.30 8.46 0.00 | 55.06 9.33 0.00 | 52.27 8.79 0.00 | 48.94 8.12 0.00 | 43.04 6.35 0.00 | 34.41 4.98 0.00 | 29.94 4.26 0.00 |
| G.F.CEMENT___DRP 24184 | 23.14 1.35 0.00 | 22.51 1.11 0.00 | 21.62 1.15 0.00 | 20.52 1.09 0.00 | 20.53 1.07 0.00 | 22.71 1.27 0.00 | 26.13 1.17 0.00 | 28.32 1.12 0.00 | 26.31 0.91 0.00 | 25.78 0.87 0.00 | 25.68 0.84 0.00 | 26.75 0.73 0.12 | 28.13 0.90 0.17 | 30.55 0.92 0.12 | 33.04 0.90 0.05 | 35.31 1.16 0.00 | 39.44 1.41 0.00 | 46.16 2.32 0.00 | 48.29 2.56 0.00 | 45.83 2.35 0.00 | 42.94 2.12 0.00 | 38.20 1.50 0.00 | 30.73 1.29 0.00 | 26.88 1.21 0.00 |
| GARDENVILLE___LBMP 24039 | 22.16 0.37 0.00 | 21.33 -0.06 0.00 | 20.35 -0.12 0.00 | 19.41 -0.02 0.00 | 19.38 -0.08 0.00 | 21.40 -0.04 0.00 | 24.25 -0.17 0.54 | 25.90 -0.14 1.16 | 24.98 0.08 0.50 | 24.92 0.27 0.27 | 25.09 0.52 0.44 | 26.14 0.44 0.77 | 26.52 -0.11 0.77 | 28.59 -0.09 1.07 | 31.18 0.23 1.23 | 32.86 0.17 1.46 | 36.57 0.11 1.58 | 41.27 0.13 2.70 | 44.30 0.50 1.94 | 42.40 0.57 1.65 | 38.63 0.12 2.31 | 34.43 -0.44 1.82 | 29.12 -0.03 0.28 | 25.60 -0.08 0.00 |
| GARDNVLA_35_KV_LD 355827 | 22.27 0.48 0.00 | 21.44 0.04 0.00 | 20.43 -0.04 0.00 | 19.51 0.08 0.00 | 19.48 0.02 0.00 | 21.51 0.06 0.00 | 24.32 -0.10 0.54 | 26.01 -0.03 1.16 | 25.08 0.18 0.50 | 25.02 0.37 0.27 | 25.21 0.65 0.27 | 26.25 0.55 0.44 | 26.66 0.03 0.76 | 28.74 0.06 1.06 | 31.38 0.42 1.22 | 33.04 0.34 1.45 | 36.76 0.30 1.57 | 41.50 0.35 2.69 | 44.54 0.73 1.93 | 42.58 0.74 1.64 | 38.80 0.29 2.30 | 34.59 -0.29 1.81 | 29.24 0.09 0.28 | 25.73 0.05 0.00 |
| GELCKHM___115KV_LOAD 80723 | 21.68 -0.11 0.00 | 21.14 -0.26 0.00 | 20.21 -0.27 0.00 | 19.16 -0.27 0.00 | 19.21 -0.25 0.00 | 21.21 -0.24 0.00 | 24.63 -0.10 0.23 | 26.65 -0.05 0.49 | 25.16 -0.03 0.21 | 24.82 0.02 0.11 | 24.77 0.05 0.11 | 26.01 0.05 0.19 | 27.10 0.03 0.32 | 29.38 0.09 0.45 | 31.79 0.13 0.52 | 33.63 0.10 0.62 | 37.51 0.15 0.67 | 43.09 0.39 1.14 | 45.37 0.46 0.82 | 43.22 0.43 0.70 | 40.13 0.29 0.98 | 36.03 0.11 0.77 | 29.43 0.12 0.12 | 25.65 -0.03 0.00 |
| GENERAL___MILLS 23808 | 22.23 0.44 0.00 | 21.40 0.00 0.00 | 20.41 -0.06 0.00 | 19.47 0.04 0.00 | 19.44 -0.02 0.00 | 21.46 0.02 0.00 | 24.27 -0.15 0.54 | 25.93 -0.11 1.16 | 25.03 0.13 0.50 | 24.97 0.32 0.27 | 25.11 0.55 0.27 | 26.17 0.47 0.44 | 26.58 -0.05 0.76 | 28.62 -0.06 1.06 | 31.25 0.29 1.23 | 32.93 0.24 1.45 | 36.61 0.15 1.57 | 41.37 0.22 2.69 | 44.40 0.59 1.93 | 42.49 0.65 1.64 | 38.68 0.16 2.30 | 34.48 -0.40 1.81 | 29.15 0.00 0.28 | 25.68 0.00 0.00 |
| GE_PLASTICS___DRP 24183 | 22.34 0.54 0.00 | 21.80 0.41 0.00 | 20.86 0.39 0.00 | 19.82 0.39 0.00 | 19.83 0.37 0.00 | 21.85 0.41 0.00 | 25.63 0.67 0.00 | 27.74 0.54 0.00 | 25.83 0.43 0.00 | 25.31 0.40 0.00 | 25.18 0.35 0.00 | 26.42 0.37 0.08 | 27.72 0.44 0.11 | 30.15 0.48 0.07 | 32.67 0.51 0.03 | 34.73 0.58 0.00 | 38.75 0.72 0.00 | 45.11 1.27 0.00 | 47.10 1.37 0.00 | 44.70 1.22 0.00 | 41.96 1.14 0.00 | 37.54 0.84 0.00 | 30.02 0.59 0.00 | 26.24 0.56 0.00 |
| GILBOA___1 23756 | 22.44 0.65 0.00 | 21.82 0.43 0.00 | 20.88 0.41 0.00 | 19.82 0.39 0.00 | 19.85 0.39 0.00 | 21.89 0.45 0.00 | 25.76 0.80 0.00 | 28.04 0.84 0.00 | 26.21 0.81 0.00 | 25.68 0.77 0.00 | 25.58 0.74 0.00 | 26.97 0.78 -0.04 | 28.28 0.82 -0.06 | 30.68 0.89 -0.04 | 33.16 0.96 -0.02 | 35.21 1.06 0.00 | 39.21 1.18 0.00 | 45.54 1.71 0.00 | 47.51 1.78 0.00 | 45.09 1.61 0.00 | 42.41 1.59 0.00 | 37.87 1.17 0.00 | 30.34 0.91 0.00 | 26.47 0.80 0.00 |
| GILBOA___2 23757 | 22.44 0.65 0.00 | 21.82 0.43 0.00 | 20.88 0.41 0.00 | 19.82 0.39 0.00 | 19.85 0.39 0.00 | 21.89 0.45 0.00 | 25.76 0.80 0.00 | 28.04 0.84 0.00 | 26.21 0.81 0.00 | 25.68 0.77 0.00 | 25.58 0.74 0.00 | 26.97 0.78 -0.04 | 28.28 0.82 -0.06 | 30.68 0.89 -0.04 | 33.16 0.96 -0.02 | 35.21 1.06 0.00 | 39.21 1.18 0.00 | 45.54 1.71 0.00 | 47.51 1.78 0.00 | 45.09 1.61 0.00 | 42.41 1.59 0.00 | 37.87 1.17 0.00 | 30.34 0.91 0.00 | 26.47 0.80 0.00 |

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| GILBOA___3 23758 | 22.44 0.65 0.00 | 21.82 0.43 0.00 | 20.88 0.41 0.00 | 19.82 0.39 0.00 | 19.85 0.39 0.00 | 21.89 0.45 0.00 | 25.76 0.80 0.00 | 28.04 0.84 0.00 | 26.21 0.81 0.00 | 25.68 0.77 0.00 | 25.58 0.74 0.00 | 26.97 0.78 -0.04 | 28.28 0.82 -0.06 | 30.68 0.89 -0.04 | 33.16 0.96 -0.02 | 35.21 1.06 0.00 | 39.21 1.18 0.00 | 45.54 1.71 0.00 | 47.51 1.78 0.00 | 45.09 1.61 0.00 | 42.41 1.59 0.00 | 37.87 1.17 0.00 | 30.34 0.91 0.00 | 26.47 0.80 0.00 |
| GILBOA___4 23759 | 22.44 0.65 0.00 | 21.82 0.43 0.00 | 20.88 0.41 0.00 | 19.82 0.39 0.00 | 19.85 0.39 0.00 | 21.89 0.45 0.00 | 25.76 0.80 0.00 | 28.04 0.84 0.00 | 26.21 0.81 0.00 | 25.68 0.77 0.00 | 25.58 0.74 0.00 | 26.97 0.78 -0.04 | 28.28 0.82 -0.06 | 30.68 0.89 -0.04 | 33.16 0.96 -0.02 | 35.21 1.06 0.00 | 39.21 1.18 0.00 | 45.54 1.71 0.00 | 47.51 1.78 0.00 | 45.09 1.61 0.00 | 42.41 1.59 0.00 | 37.87 1.17 0.00 | 30.34 0.91 0.00 | 26.47 0.80 0.00 |
| GILBOA___ 23599 | 22.45 0.65 0.00 | 21.82 0.43 0.00 | 20.88 0.41 0.00 | 19.82 0.39 0.00 | 19.85 0.39 0.00 | 21.89 0.45 0.00 | 25.76 0.80 0.00 | 28.04 0.84 0.00 | 26.21 0.81 0.00 | 25.68 0.77 0.00 | 25.58 0.75 0.00 | 26.97 0.78 -0.04 | 28.28 0.82 -0.06 | 30.71 0.92 -0.04 | 33.16 0.97 -0.02 | 35.17 1.02 0.00 | 39.21 1.18 0.00 | 45.55 1.71 0.00 | 47.52 1.78 0.00 | 45.09 1.61 0.00 | 42.29 1.47 0.00 | 37.87 1.17 0.00 | 30.34 0.91 0.00 | 26.52 0.85 0.00 |
| GINNA___ 23603 | 20.83 -0.96 0.00 | 20.18 -1.22 0.00 | 19.33 -1.15 0.00 | 18.36 -1.07 0.00 | 18.33 -1.13 0.00 | 20.26 -1.18 0.00 | 23.33 -1.02 0.61 | 24.85 -1.03 1.32 | 23.94 -0.89 0.56 | 23.86 -0.75 0.30 | 23.91 -0.62 0.31 | 24.93 -0.70 0.50 | 25.68 -0.85 0.87 | 27.67 -0.86 1.21 | 29.89 -0.90 1.39 | 31.64 -0.85 1.65 | 35.41 -0.84 1.79 | 39.82 -0.96 3.05 | 42.85 -0.68 2.19 | 40.84 -0.78 1.87 | 37.39 -0.82 2.61 | 33.50 -1.14 2.06 | 28.26 -0.85 0.31 | 24.65 -1.03 0.00 |
| GLEN PARK___ 23778 | 21.97 0.17 0.00 | 21.53 0.13 0.00 | 20.68 0.20 0.00 | 19.58 0.15 0.00 | 19.66 0.19 0.00 | 21.66 0.21 0.00 | 25.39 0.32 -0.10 | 27.94 0.52 -0.23 | 25.78 0.28 -0.10 | 25.14 0.18 -0.05 | 25.01 0.12 -0.05 | 26.33 0.10 -0.09 | 27.68 0.14 -0.15 | 30.10 0.15 -0.21 | 32.62 0.19 -0.24 | 34.67 0.24 -0.28 | 38.76 0.42 -0.31 | 45.24 0.88 -0.52 | 47.39 1.28 -0.38 | 45.41 1.61 -0.32 | 42.49 1.22 -0.45 | 37.96 0.92 -0.35 | 30.07 0.59 -0.05 | 26.06 0.39 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 23.46 1.66 -0.01 | 22.66 1.26 0.00 | 21.69 1.21 -0.01 | 20.54 1.11 0.00 | 20.58 1.11 -0.01 | 22.64 1.20 0.00 | 27.06 2.10 0.00 | 29.68 2.48 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 37.01 2.56 -8.31 | 37.07 2.71 -6.96 | 38.55 2.97 -5.83 | 38.54 3.12 -3.23 | 38.26 3.21 -0.91 | 41.49 3.46 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.86 4.04 0.00 | 39.96 3.27 0.00 | 32.02 2.59 0.00 | 28.05 2.36 -0.01 |
| GLENWOOD_IC_1_G5 23712 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.56 1.08 0.00 | 20.46 1.03 0.00 | 20.43 0.97 0.00 | 22.60 1.16 0.00 | 26.83 1.87 0.00 | 29.54 2.34 0.00 | 27.71 2.31 0.00 | 27.15 2.24 0.00 | 27.07 2.24 0.00 | 28.80 2.43 -0.22 | 30.23 2.52 -0.31 | 32.66 2.71 -0.21 | 35.03 2.77 -0.08 | 37.01 2.87 0.00 | 40.96 2.93 0.00 | 47.87 4.03 0.00 | 49.80 4.07 0.00 | 47.27 3.78 0.00 | 44.29 3.47 0.00 | 39.85 3.16 0.00 | 31.76 2.33 0.00 | 27.99 2.31 0.00 |
| GLENWOOD_IC_2_G1 23688 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.43 0.96 0.00 | 20.38 0.95 0.00 | 20.38 0.91 0.00 | 22.51 1.07 0.00 | 26.76 1.80 0.00 | 29.40 2.20 0.00 | 27.58 2.18 0.00 | 27.03 2.12 0.00 | 26.94 2.11 0.00 | 28.64 2.27 -0.22 | 30.06 2.36 -0.31 | 32.45 2.50 -0.21 | 34.91 2.64 -0.08 | 36.91 2.76 0.00 | 41.00 2.97 0.00 | 48.09 4.25 0.00 | 49.94 4.20 0.00 | 47.44 3.96 0.00 | 44.70 3.88 0.00 | 39.66 2.97 0.00 | 31.67 2.24 0.00 | 27.75 2.08 0.00 |
| GLENWOOD_IC_3_G1 23689 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.43 0.96 0.00 | 20.38 0.95 0.00 | 20.38 0.91 0.00 | 22.51 1.07 0.00 | 26.76 1.80 0.00 | 29.40 2.20 0.00 | 27.58 2.18 0.00 | 27.03 2.12 0.00 | 26.94 2.11 0.00 | 28.64 2.27 -0.22 | 30.06 2.36 -0.31 | 32.45 2.50 -0.21 | 34.91 2.64 -0.08 | 36.91 2.76 0.00 | 41.00 2.97 0.00 | 48.09 4.25 0.00 | 49.94 4.20 0.00 | 47.44 3.96 0.00 | 44.70 3.88 0.00 | 39.66 2.97 0.00 | 31.67 2.24 0.00 | 27.75 2.08 0.00 |
| GLENWOOD___4 23550 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.56 1.08 0.00 | 20.46 1.03 0.00 | 20.43 0.97 0.00 | 22.60 1.16 0.00 | 26.83 1.87 0.00 | 29.54 2.34 0.00 | 27.71 2.31 0.00 | 27.15 2.24 0.00 | 27.07 2.24 0.00 | 28.80 2.43 -0.22 | 30.23 2.52 -0.31 | 32.66 2.71 -0.21 | 35.03 2.77 -0.08 | 37.01 2.87 0.00 | 41.03 3.00 0.00 | 48.00 4.16 0.00 | 49.94 4.21 0.00 | 47.40 3.91 0.00 | 44.41 3.59 0.00 | 39.85 3.16 0.00 | 31.76 2.33 0.00 | 27.99 2.31 0.00 |
| GLENWOOD___5 23614 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.56 1.08 0.00 | 20.46 1.03 0.00 | 20.43 0.97 0.00 | 22.60 1.16 0.00 | 26.83 1.87 0.00 | 29.54 2.34 0.00 | 27.71 2.31 0.00 | 27.15 2.24 0.00 | 27.07 2.24 0.00 | 28.80 2.43 -0.22 | 30.23 2.52 -0.31 | 32.66 2.71 -0.21 | 35.03 2.77 -0.08 | 37.01 2.87 0.00 | 41.03 3.00 0.00 | 48.00 4.16 0.00 | 49.94 4.21 0.00 | 47.40 3.91 0.00 | 44.41 3.59 0.00 | 39.85 3.16 0.00 | 31.76 2.33 0.00 | 27.99 2.31 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 24.02 2.22 0.00 | 23.28 1.88 0.00 | 21.97 1.49 0.00 | 21.08 1.65 0.00 | 20.94 1.48 0.00 | 23.31 1.86 0.00 | 27.33 2.37 0.00 | 30.59 3.34 -0.04 | 28.42 3.02 0.00 | 27.75 2.84 0.00 | 27.42 2.58 0.00 | 29.16 2.80 -0.22 | 30.47 2.77 -0.31 | 32.63 2.68 -0.21 | 35.13 2.86 -0.08 | 37.11 2.97 0.00 | 41.57 3.50 -0.04 | 48.74 4.91 0.00 | 50.67 4.90 -0.04 | 49.52 4.74 -1.30 | 45.59 4.73 -0.04 | 41.09 3.52 -0.87 | 31.67 2.24 0.00 | 28.22 2.54 0.00 |
| GLOBE___DSASP 323697 | 21.33 -0.46 0.00 | 20.54 -0.86 0.00 | 19.61 -0.86 0.00 | 18.71 -0.72 0.00 | 18.68 -0.78 0.00 | 20.65 -0.79 0.00 | 23.61 -0.75 0.60 | 24.98 -0.98 1.24 | 24.13 -0.74 0.53 | 24.10 -0.52 0.28 | 24.22 -0.32 0.29 | 25.22 -0.44 0.47 | 25.59 -0.99 0.82 | 27.51 -1.10 1.14 | 29.97 -0.90 1.31 | 31.54 -1.06 1.55 | 35.17 -1.18 1.68 | 39.56 -1.40 2.87 | 42.57 -1.10 2.06 | 40.68 -1.04 1.76 | 37.05 -1.31 2.46 | 33.07 -1.69 1.94 | 28.25 -0.88 0.30 | 24.60 -1.08 0.00 |
| GOETHSLN___LBMP 323567 | 23.19 1.39 0.00 | 22.40 1.01 0.00 | 21.43 0.96 0.00 | 20.32 0.89 0.00 | 20.34 0.88 0.00 | 22.43 0.99 0.00 | 26.76 1.80 0.00 | 29.38 2.18 0.00 | 27.63 2.24 0.00 | 27.05 2.14 0.00 | 27.04 2.21 0.00 | 28.66 2.30 -0.22 | 30.12 2.41 -0.31 | 32.63 2.68 -0.21 | 35.03 2.77 -0.08 | 36.95 2.80 0.00 | 40.96 2.93 0.00 | 48.04 4.21 0.00 | 49.85 4.12 0.00 | 47.27 3.78 0.00 | 44.33 3.51 0.00 | 39.48 2.79 0.00 | 31.67 2.24 0.00 | 27.73 2.05 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 22.03 0.24 0.00 | 21.27 -0.13 0.00 | 20.31 -0.16 0.00 | 19.35 -0.08 0.00 | 19.32 -0.14 0.00 | 21.38 -0.06 0.00 | 24.62 0.27 0.61 | 26.15 0.27 1.33 | 25.14 0.30 0.57 | 25.00 0.40 0.30 | 25.07 0.55 0.31 | 26.11 0.47 0.50 | 26.69 0.16 0.87 | 28.74 0.21 1.22 | 31.20 0.42 1.40 | 33.00 0.51 1.66 | 36.88 0.65 1.80 | 41.59 0.83 3.08 | 44.76 1.23 2.21 | 42.86 1.26 1.88 | 39.25 1.06 2.63 | 35.21 0.59 2.08 | 29.67 0.56 0.32 | 25.75 0.08 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| GOODYEAR_LAKE_HYD 323669 | 22.95 1.15 0.00 | 22.32 0.92 0.00 | 21.33 0.86 0.00 | 20.23 0.80 0.00 | 20.26 0.80 0.00 | 22.41 0.96 0.00 | 26.41 1.45 0.00 | 28.86 1.66 0.00 | 26.97 1.57 0.00 | 26.43 1.52 0.00 | 26.32 1.49 0.00 | 27.76 1.62 0.00 | 29.12 1.73 0.00 | 31.62 1.87 0.00 | 34.24 2.06 0.00 | 36.37 2.22 0.00 | 40.62 2.59 0.00 | 47.34 3.51 0.00 | 49.44 3.70 0.00 | 46.96 3.48 0.00 | 43.92 3.10 0.00 | 39.19 2.50 0.00 | 31.37 1.94 0.00 | 27.37 1.69 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 22.25 0.46 0.00 | 21.61 0.21 0.00 | 20.64 0.16 0.00 | 19.60 0.17 0.00 | 19.66 0.19 0.00 | 21.68 0.24 0.00 | 25.28 0.47 0.15 | 27.42 0.54 0.33 | 25.84 0.58 0.14 | 25.43 0.60 0.08 | 25.38 0.62 0.08 | 26.70 0.65 0.09 | 27.80 0.58 0.17 | 30.13 0.65 0.27 | 32.62 0.77 0.34 | 34.55 0.82 0.41 | 38.53 0.95 0.45 | 44.48 1.40 0.76 | 46.74 1.55 0.55 | 44.54 1.52 0.47 | 41.39 1.22 0.65 | 37.02 0.84 0.51 | 30.09 0.74 0.08 | 26.27 0.59 0.00 |
| GOUDEY___7 23579 | 22.27 0.48 0.00 | 21.63 0.24 0.00 | 20.66 0.18 0.00 | 19.60 0.17 0.00 | 19.66 0.19 0.00 | 21.70 0.26 0.00 | 25.28 0.47 0.15 | 27.44 0.57 0.33 | 25.87 0.61 0.14 | 25.46 0.62 0.08 | 25.43 0.67 0.08 | 26.73 0.68 0.09 | 27.83 0.60 0.17 | 30.16 0.68 0.27 | 32.65 0.80 0.34 | 34.59 0.85 0.41 | 38.61 1.03 0.45 | 44.52 1.45 0.76 | 46.78 1.60 0.55 | 44.58 1.57 0.47 | 41.43 1.27 0.65 | 37.06 0.88 0.51 | 30.12 0.77 0.08 | 26.29 0.62 0.00 |
| GOUDEY___8 23580 | 22.25 0.46 0.00 | 21.61 0.21 0.00 | 20.64 0.16 0.00 | 19.60 0.17 0.00 | 19.66 0.19 0.00 | 21.68 0.24 0.00 | 25.28 0.47 0.15 | 27.42 0.54 0.33 | 25.84 0.58 0.14 | 25.43 0.60 0.08 | 25.38 0.62 0.08 | 26.70 0.65 0.09 | 27.80 0.58 0.17 | 30.13 0.65 0.27 | 32.62 0.77 0.34 | 34.55 0.82 0.41 | 38.53 0.95 0.45 | 44.48 1.40 0.76 | 46.74 1.55 0.55 | 44.54 1.52 0.47 | 41.39 1.22 0.65 | 37.02 0.84 0.51 | 30.09 0.74 0.08 | 26.27 0.59 0.00 |
| GOWANUS_GT1_1 24077 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT1_2 24078 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT1_3 24079 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT1_4 24080 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT1_5 24084 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT1_6 24111 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT1_7 24112 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT1_8 24113 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT2_1 24114 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT2_2 24115 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT2_3 24116 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT2_4 24117 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT2_5 24118 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT2_6 24119 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT2_7 24120 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT2_8 24121 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT3_1 24122 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT3_2 24123 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT3_3 24124 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT3_4 24125 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT3_5 24126 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT3_6 24127 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT3_7 24128 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT3_8 24129 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| GOWANUS_GT4_1 24130 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT4_2 24131 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_3 24132 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT4_4 24133 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT4_5 24134 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT4_6 24135 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT4_7 24136 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GOWANUS_GT4_8 24137 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GREENBSH_115KV_TB3 55895 | 22.31 0.52 0.00 | 21.78 0.39 0.00 | 20.84 0.37 0.00 | 19.82 0.39 0.00 | 19.83 0.37 0.00 | 21.83 0.39 0.00 | 25.58 0.62 0.00 | 27.61 0.41 0.00 | 25.70 0.30 0.00 | 25.18 0.27 0.00 | 25.06 0.22 0.00 | 26.26 0.24 0.11 | 27.54 0.30 0.16 | 29.97 0.33 0.10 | 32.49 0.35 0.04 | 34.59 0.44 0.00 | 38.60 0.57 0.00 | 44.93 1.10 0.00 | 46.97 1.23 0.00 | 44.57 1.09 0.00 | 41.84 1.02 0.00 | 37.39 0.70 0.00 | 29.90 0.47 0.00 | 26.14 0.46 0.00 |
| GREENIDGE_115KV_TB5 80291 | 22.25 0.46 0.00 | 21.52 0.13 0.00 | 20.53 0.06 0.00 | 19.51 0.08 0.00 | 19.56 0.10 0.00 | 21.63 0.19 0.00 | 25.11 0.50 0.35 | 27.10 0.65 0.75 | 25.71 0.63 0.32 | 25.43 0.70 0.17 | 25.41 0.75 0.17 | 26.61 0.76 0.28 | 27.50 0.60 0.49 | 29.77 0.71 0.69 | 32.36 0.97 0.79 | 34.23 1.02 0.94 | 38.04 1.03 1.02 | 43.67 1.58 1.74 | 46.36 1.88 1.25 | 44.33 1.91 1.06 | 40.84 1.51 1.49 | 36.51 0.99 1.17 | 30.22 0.97 0.18 | 26.21 0.54 0.00 |
| GREENIDGE___3 23582 | 22.25 0.46 0.00 | 21.52 0.13 0.00 | 20.53 0.06 0.00 | 19.51 0.08 0.00 | 19.56 0.10 0.00 | 21.63 0.19 0.00 | 25.11 0.50 0.35 | 27.10 0.65 0.75 | 25.71 0.63 0.32 | 25.43 0.70 0.17 | 25.41 0.75 0.17 | 26.61 0.76 0.28 | 27.50 0.60 0.49 | 29.77 0.71 0.69 | 32.36 0.97 0.79 | 34.23 1.02 0.94 | 38.04 1.03 1.02 | 43.67 1.58 1.74 | 46.36 1.88 1.25 | 44.33 1.91 1.06 | 40.84 1.51 1.49 | 36.51 0.99 1.17 | 30.22 0.97 0.18 | 26.21 0.54 0.00 |
| GREENIDGE___4 23583 | 22.25 0.46 0.00 | 21.53 0.13 0.00 | 20.55 0.08 0.00 | 19.51 0.08 0.00 | 19.56 0.10 0.00 | 21.63 0.19 0.00 | 25.09 0.47 0.35 | 27.10 0.65 0.75 | 25.71 0.64 0.32 | 25.43 0.70 0.17 | 25.40 0.74 0.17 | 26.61 0.76 0.28 | 27.53 0.63 0.49 | 29.86 0.80 0.69 | 32.35 0.96 0.79 | 34.16 0.95 0.94 | 38.04 1.03 1.02 | 43.54 1.44 1.74 | 46.36 1.88 1.25 | 44.33 1.91 1.06 | 40.92 1.59 1.49 | 36.40 0.88 1.17 | 30.22 0.97 0.18 | 26.32 0.64 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.43 0.96 0.00 | 20.38 0.95 0.00 | 20.32 0.86 0.00 | 22.53 1.09 0.00 | 26.66 1.70 0.00 | 29.53 2.34 0.01 | 27.66 2.26 0.00 | 27.10 2.19 0.00 | 26.97 2.14 0.00 | 28.72 2.35 -0.22 | 30.12 2.41 -0.31 | 32.42 2.47 -0.21 | 34.68 2.41 -0.08 | 36.64 2.49 0.00 | 40.84 2.81 0.01 | 47.65 3.81 0.00 | 49.61 3.89 0.01 | 47.18 3.87 0.17 | 44.08 3.27 0.01 | 39.55 2.97 0.11 | 31.49 2.06 0.00 | 28.04 2.36 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |
| GRISSOM___SOLAR 323813 | 24.60 2.81 0.00 | 24.05 2.65 0.00 | 22.93 2.46 0.00 | 21.72 2.29 0.00 | 21.74 2.28 0.00 | 24.21 2.77 0.00 | 28.53 3.57 0.00 | 30.87 3.67 0.00 | 28.55 3.15 0.00 | 27.75 2.84 0.00 | 27.57 2.73 0.00 | 28.96 2.88 0.06 | 30.49 3.18 0.08 | 33.17 3.48 0.05 | 36.25 4.09 0.02 | 38.99 4.85 0.00 | 43.88 5.85 0.00 | 52.30 8.46 0.00 | 55.06 9.33 0.00 | 52.27 8.79 0.00 | 48.94 8.12 0.00 | 43.04 6.35 0.00 | 34.41 4.98 0.00 | 29.94 4.26 0.00 |
| GROVEVILLE___HYD 323602 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.35 0.88 0.00 | 20.25 0.82 0.00 | 20.26 0.80 0.00 | 22.34 0.90 0.00 | 26.71 1.75 0.00 | 29.16 1.96 0.00 | 27.30 1.90 0.00 | 26.73 1.82 0.00 | 26.62 1.79 0.00 | 28.19 1.86 -0.20 | 29.67 2.00 -0.27 | 32.19 2.26 -0.18 | 34.64 2.38 -0.07 | 36.67 2.53 0.00 | 40.92 2.89 0.00 | 47.96 4.12 0.00 | 49.94 4.21 0.00 | 47.27 3.78 0.00 | 44.33 3.51 0.00 | 39.48 2.79 0.00 | 31.55 2.12 0.00 | 27.65 1.98 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 21.84 0.04 0.00 | 21.27 -0.13 0.00 | 20.31 -0.16 0.00 | 19.27 -0.16 0.00 | 19.32 -0.14 0.00 | 21.31 -0.13 0.00 | 25.01 0.05 0.00 | 27.34 0.14 0.00 | 25.55 0.15 0.00 | 25.11 0.20 0.00 | 25.06 0.22 0.00 | 26.37 0.24 0.00 | 27.64 0.25 0.00 | 30.07 0.33 0.00 | 32.57 0.39 0.00 | 34.52 0.38 0.00 | 38.49 0.46 0.00 | 44.58 0.75 0.00 | 46.56 0.82 0.00 | 44.27 0.78 0.00 | 41.47 0.65 0.00 | 37.10 0.40 0.00 | 29.81 0.38 0.00 | 25.83 0.15 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HAMLTNNY_34_KV_TB 80303 | 21.86 0.07 0.00 | 21.29 -0.11 0.00 | 20.33 -0.14 0.00 | 19.29 -0.14 0.00 | 19.34 -0.12 0.00 | 21.36 -0.09 0.00 | 25.08 0.12 0.00 | 27.42 0.22 0.00 | 25.63 0.23 0.00 | 25.18 0.27 0.00 | 25.13 0.30 0.00 | 26.45 0.31 0.00 | 27.70 0.30 0.00 | 30.13 0.39 0.00 | 32.67 0.48 0.00 | 34.66 0.51 0.00 | 38.64 0.61 0.00 | 44.80 0.96 0.00 | 46.78 1.05 0.00 | 44.48 1.00 0.00 | 41.63 0.82 0.00 | 37.21 0.51 0.00 | 29.90 0.47 0.00 | 25.88 0.21 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 21.66 -0.13 0.00 | 21.42 0.02 0.00 | 20.57 0.10 0.00 | 19.53 0.10 0.00 | 19.58 0.12 0.00 | 21.51 0.06 0.00 | 24.88 -0.07 0.00 | 27.28 0.08 0.00 | 25.37 -0.03 0.00 | 24.81 -0.10 0.00 | 24.71 -0.12 0.00 | 26.01 -0.13 0.00 | 27.31 -0.08 0.00 | 29.51 -0.24 0.00 | 31.76 -0.42 0.00 | 33.70 -0.44 0.00 | 37.69 -0.34 0.00 | 43.00 -0.83 0.00 | 44.91 -0.82 0.00 | 42.96 -0.52 0.00 | 40.08 -0.73 0.00 | 36.29 -0.40 0.00 | 29.19 -0.24 0.00 | 25.50 -0.18 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 22.05 0.26 0.00 | 21.57 0.17 0.00 | 20.62 0.14 0.00 | 19.57 0.14 0.00 | 19.60 0.14 0.00 | 21.61 0.17 0.00 | 25.26 0.30 0.00 | 27.50 0.30 0.00 | 25.70 0.31 0.00 | 25.21 0.30 0.00 | 25.13 0.30 0.00 | 26.43 0.29 0.00 | 27.70 0.30 0.00 | 30.07 0.33 0.00 | 32.54 0.35 0.00 | 34.52 0.38 0.00 | 38.49 0.46 0.00 | 44.58 0.74 0.00 | 46.56 0.82 0.00 | 44.18 0.69 0.00 | 41.47 0.65 0.00 | 37.14 0.44 0.00 | 29.72 0.29 0.00 | 25.93 0.26 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 23.03 1.24 0.00 | 22.27 0.88 0.00 | 21.31 0.84 0.00 | 20.19 0.76 0.00 | 20.22 0.76 0.00 | 22.30 0.86 0.00 | 26.63 1.67 0.00 | 29.10 1.90 0.00 | 27.30 1.90 0.00 | 26.73 1.82 0.00 | 26.65 1.81 0.00 | 28.22 1.88 -0.20 | 29.68 2.00 -0.28 | 32.13 2.20 -0.19 | 34.58 2.32 -0.08 | 36.57 2.42 0.00 | 40.77 2.74 0.00 | 47.74 3.90 0.00 | 49.67 3.93 0.00 | 47.05 3.57 0.00 | 44.08 3.27 0.00 | 39.26 2.57 0.00 | 31.46 2.03 0.00 | 27.52 1.85 0.00 |
| HARSNRAD_115KV_TB1 81005 | 21.84 0.04 0.00 | 21.03 -0.36 0.00 | 20.08 -0.39 0.00 | 19.18 -0.25 0.00 | 19.15 -0.31 0.00 | 21.12 -0.32 0.00 | 24.11 -0.27 0.57 | 25.50 -0.46 1.24 | 24.64 -0.23 0.53 | 24.60 -0.02 0.28 | 24.75 0.20 0.29 | 25.77 0.10 0.47 | 26.14 -0.44 0.82 | 28.08 -0.54 1.13 | 30.62 -0.26 1.31 | 32.26 -0.34 1.55 | 36.08 -0.27 1.68 | 40.75 -0.22 2.87 | 43.81 0.14 2.06 | 41.90 0.17 1.75 | 38.16 -0.20 2.45 | 34.02 -0.73 1.93 | 28.93 -0.21 0.29 | 25.24 -0.44 0.00 |
| HARZA MOOSE___RIVER 24016 | 22.12 0.33 0.00 | 21.67 0.28 0.00 | 20.86 0.39 0.00 | 19.78 0.35 0.00 | 19.83 0.37 0.00 | 21.76 0.32 0.00 | 25.41 0.45 0.00 | 27.96 0.76 0.00 | 26.03 0.63 0.00 | 25.48 0.57 0.00 | 25.36 0.52 0.00 | 26.74 0.60 0.00 | 28.05 0.66 0.00 | 30.46 0.71 0.00 | 32.99 0.80 0.00 | 35.03 0.89 0.00 | 39.17 1.14 0.00 | 45.28 1.45 0.00 | 47.38 1.65 0.00 | 45.09 1.61 0.00 | 42.04 1.22 0.00 | 37.54 0.84 0.00 | 29.99 0.56 0.00 | 26.09 0.41 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 21.73 -0.07 0.00 | 21.14 -0.26 0.00 | 20.21 -0.27 0.00 | 19.18 -0.25 0.00 | 19.23 -0.23 0.00 | 21.21 -0.24 0.00 | 24.59 -0.07 0.29 | 26.57 0.00 0.63 | 25.15 0.03 0.27 | 24.84 0.07 0.15 | 24.79 0.10 0.15 | 26.00 0.10 0.24 | 27.06 0.08 0.42 | 29.31 0.15 0.58 | 31.74 0.23 0.67 | 33.52 0.17 0.79 | 37.32 0.15 0.86 | 42.76 0.39 1.47 | 45.14 0.46 1.05 | 43.02 0.43 0.90 | 39.85 0.29 1.26 | 35.81 0.11 0.99 | 29.43 0.15 0.15 | 25.68 0.00 0.00 |
| HELLGATE_13_KV_LD 55870 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.63 1.15 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.58 2.37 -0.01 | 27.81 2.39 -0.02 | 27.22 2.29 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.93 2.58 -6.96 | 38.43 2.86 -5.83 | 38.37 2.96 -3.23 | 38.09 3.04 -0.90 | 41.26 3.23 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.61 3.80 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 27.94 2.26 -0.01 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.63 1.15 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.58 1.14 0.00 | 26.96 2.00 0.00 | 29.58 2.37 -0.01 | 27.81 2.39 -0.02 | 27.22 2.29 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.93 2.58 -6.96 | 38.43 2.86 -5.83 | 38.37 2.96 -3.23 | 38.09 3.04 -0.90 | 41.26 3.23 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.61 3.80 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 27.94 2.26 -0.01 |
| HEMPSTEAD____ 23647 | 23.25 1.46 0.00 | 22.47 1.07 0.00 | 21.37 0.90 0.00 | 20.36 0.93 0.00 | 20.32 0.86 0.00 | 22.51 1.07 0.00 | 26.68 1.72 0.00 | 29.43 2.23 0.00 | 27.63 2.24 0.00 | 27.08 2.17 0.00 | 26.97 2.14 0.00 | 28.69 2.33 -0.22 | 30.09 2.38 -0.31 | 32.39 2.44 -0.21 | 34.87 2.61 -0.08 | 36.84 2.70 0.00 | 40.88 2.85 0.00 | 48.00 4.17 0.00 | 49.85 4.12 0.00 | 47.44 3.96 0.00 | 44.73 3.92 0.00 | 39.70 3.01 0.00 | 31.61 2.18 0.00 | 27.91 2.23 0.00 |
| HEWLETT_69_KV_BK3 55828 | 23.45 1.66 0.00 | 22.66 1.26 0.00 | 21.62 1.15 0.00 | 20.54 1.11 0.00 | 20.47 1.01 0.00 | 22.71 1.27 0.00 | 26.86 1.90 0.00 | 29.70 2.50 0.00 | 27.84 2.44 0.00 | 27.25 2.34 0.00 | 27.17 2.33 0.00 | 28.93 2.56 -0.22 | 30.36 2.66 -0.31 | 32.75 2.80 -0.21 | 35.10 2.83 -0.08 | 37.12 2.97 0.00 | 41.41 3.38 0.00 | 48.39 4.56 0.00 | 50.44 4.71 0.00 | 47.88 4.39 0.00 | 44.90 4.08 0.00 | 40.18 3.49 0.00 | 31.87 2.44 0.00 | 28.22 2.54 0.00 |
| HICKLING___1 23621 | 22.31 0.52 0.00 | 21.55 0.15 0.00 | 20.55 0.08 0.00 | 19.55 0.12 0.00 | 19.60 0.14 0.00 | 21.66 0.21 0.00 | 25.03 0.35 0.28 | 27.11 0.52 0.61 | 25.77 0.63 0.26 | 25.54 0.77 0.14 | 25.56 0.87 0.14 | 26.80 0.86 0.20 | 27.66 0.63 0.36 | 29.93 0.71 0.53 | 32.52 0.97 0.63 | 34.34 0.96 0.76 | 38.19 0.99 0.82 | 43.79 1.36 1.41 | 46.41 1.69 1.01 | 44.36 1.74 0.86 | 40.88 1.27 1.20 | 36.48 0.73 0.95 | 30.05 0.77 0.14 | 26.21 0.54 0.00 |
| HICKLING___2 23622 | 22.31 0.52 0.00 | 21.55 0.15 0.00 | 20.55 0.08 0.00 | 19.55 0.12 0.00 | 19.60 0.14 0.00 | 21.66 0.21 0.00 | 25.03 0.35 0.28 | 27.11 0.52 0.61 | 25.77 0.63 0.26 | 25.54 0.77 0.14 | 25.56 0.87 0.14 | 26.80 0.86 0.20 | 27.66 0.63 0.36 | 29.93 0.71 0.53 | 32.52 0.97 0.63 | 34.34 0.96 0.76 | 38.19 0.99 0.82 | 43.79 1.36 1.41 | 46.41 1.69 1.01 | 44.36 1.74 0.86 | 40.88 1.27 1.20 | 36.48 0.73 0.95 | 30.05 0.77 0.14 | 26.21 0.54 0.00 |
| HIGH FALLS___HY 23754 | 22.99 1.20 0.00 | 22.19 0.79 0.00 | 21.23 0.76 0.00 | 20.09 0.66 0.00 | 20.12 0.66 0.00 | 22.19 0.75 0.00 | 26.68 1.72 0.00 | 29.27 2.07 0.00 | 27.43 2.03 0.00 | 26.78 1.87 0.00 | 26.67 1.84 0.00 | 28.20 1.93 -0.12 | 29.59 2.03 -0.17 | 32.15 2.29 -0.11 | 34.61 2.38 -0.05 | 36.64 2.49 0.00 | 40.92 2.89 0.00 | 48.09 4.25 0.00 | 50.08 4.34 0.00 | 47.48 4.00 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.64 2.21 0.00 | 27.70 2.03 0.00 |
| HILLBURN___GT 23639 | 23.10 1.31 0.00 | 22.38 0.98 0.00 | 21.39 0.92 0.00 | 20.26 0.83 0.00 | 20.30 0.84 0.00 | 22.38 0.94 0.00 | 26.71 1.75 0.00 | 29.19 1.98 0.00 | 27.41 2.01 0.00 | 26.85 1.94 0.00 | 26.77 1.94 0.00 | 28.39 2.04 -0.21 | 29.76 2.08 -0.29 | 32.20 2.26 -0.19 | 34.64 2.38 -0.08 | 36.71 2.56 0.00 | 40.77 2.74 0.00 | 47.78 3.95 0.00 | 49.62 3.89 0.00 | 47.05 3.57 0.00 | 44.28 3.47 0.00 | 39.30 2.61 0.00 | 31.52 2.09 0.00 | 27.45 1.77 0.00 |

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| HILLSIDE_115KV_TB1 80332 | 22.05 0.26 0.00 | 21.31 -0.09 0.00 | 20.33 -0.14 0.00 | 19.33 -0.10 0.00 | 19.38 -0.08 0.00 | 21.42 -0.02 0.00 | 24.72 0.02 0.26 | 26.71 0.08 0.57 | 25.33 0.18 0.24 | 25.08 0.30 0.13 | 25.07 0.37 0.13 | 26.29 0.34 0.19 | 27.14 0.08 0.34 | 29.34 0.09 0.50 | 31.85 0.26 0.59 | 33.70 0.27 0.71 | 37.60 0.34 0.77 | 43.08 0.57 1.32 | 45.65 0.87 0.95 | 43.59 0.91 0.81 | 40.21 0.53 1.13 | 35.91 0.11 0.89 | 29.53 0.24 0.14 | 25.83 0.15 0.00 |
| HISHELDN_WT_PWR 323625 | 22.10 0.30 0.00 | 21.27 -0.13 0.00 | 20.35 -0.12 0.00 | 19.35 -0.08 0.00 | 19.33 -0.14 0.00 | 21.33 -0.11 0.00 | 24.26 -0.20 0.50 | 26.04 -0.08 1.08 | 25.06 0.13 0.46 | 24.98 0.32 0.25 | 25.13 0.55 0.25 | 26.17 0.44 0.41 | 26.74 0.05 0.71 | 28.88 0.12 0.99 | 31.33 0.29 1.14 | 32.93 0.14 1.35 | 36.64 0.08 1.46 | 41.29 -0.04 2.50 | 44.49 0.55 1.79 | 42.61 0.65 1.53 | 38.93 0.25 2.14 | 34.61 -0.40 1.69 | 29.20 0.03 0.26 | 25.80 0.13 0.00 |
| HOLTSVILLE_IC_1 23690 | 23.43 1.64 0.00 | 22.66 1.26 0.00 | 21.45 0.98 0.00 | 20.54 1.11 0.00 | 20.45 0.99 0.00 | 22.71 1.26 0.00 | 26.78 1.82 0.00 | 29.83 2.59 -0.04 | 27.84 2.44 0.00 | 27.23 2.32 0.00 | 27.04 2.21 0.00 | 28.80 2.43 -0.22 | 30.20 2.49 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.81 2.67 0.00 | 41.15 3.08 -0.04 | 48.22 4.38 0.00 | 50.21 4.43 -0.04 | 49.01 4.22 -1.30 | 45.14 4.28 -0.04 | 40.76 3.19 -0.88 | 31.73 2.30 0.00 | 28.24 2.57 0.00 |
| HOLTSVILLE_IC_10 23699 | 23.54 1.74 0.00 | 22.77 1.37 0.00 | 21.56 1.08 0.00 | 20.63 1.21 0.00 | 20.53 1.07 0.00 | 22.81 1.37 0.00 | 26.91 1.95 0.00 | 29.99 2.75 -0.04 | 27.96 2.56 0.00 | 27.38 2.47 0.00 | 27.14 2.31 0.00 | 28.93 2.56 -0.22 | 30.34 2.63 -0.31 | 32.54 2.59 -0.21 | 35.03 2.77 -0.08 | 37.05 2.90 0.00 | 41.42 3.35 -0.04 | 48.57 4.74 0.00 | 50.57 4.80 -0.04 | 49.30 4.56 -1.25 | 45.42 4.57 -0.04 | 40.98 3.45 -0.84 | 31.87 2.44 0.00 | 28.37 2.70 0.00 |
| HOLTSVILLE_IC_2 23691 | 23.43 1.64 0.00 | 22.66 1.26 0.00 | 21.45 0.98 0.00 | 20.54 1.11 0.00 | 20.45 0.99 0.00 | 22.71 1.26 0.00 | 26.78 1.82 0.00 | 29.83 2.59 -0.04 | 27.84 2.44 0.00 | 27.23 2.32 0.00 | 27.04 2.21 0.00 | 28.80 2.43 -0.22 | 30.20 2.49 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.81 2.67 0.00 | 41.15 3.08 -0.04 | 48.22 4.38 0.00 | 50.21 4.43 -0.04 | 49.01 4.22 -1.30 | 45.14 4.28 -0.04 | 40.76 3.19 -0.88 | 31.73 2.30 0.00 | 28.24 2.57 0.00 |
| HOLTSVILLE_IC_3 23692 | 23.43 1.64 0.00 | 22.66 1.26 0.00 | 21.45 0.98 0.00 | 20.54 1.11 0.00 | 20.45 0.99 0.00 | 22.71 1.26 0.00 | 26.78 1.82 0.00 | 29.83 2.59 -0.04 | 27.84 2.44 0.00 | 27.23 2.32 0.00 | 27.04 2.21 0.00 | 28.80 2.43 -0.22 | 30.20 2.49 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.81 2.67 0.00 | 41.15 3.08 -0.04 | 48.22 4.38 0.00 | 50.21 4.43 -0.04 | 49.01 4.22 -1.30 | 45.14 4.28 -0.04 | 40.76 3.19 -0.88 | 31.73 2.30 0.00 | 28.24 2.57 0.00 |
| HOLTSVILLE_IC_4 23693 | 23.43 1.64 0.00 | 22.66 1.26 0.00 | 21.45 0.98 0.00 | 20.54 1.11 0.00 | 20.45 0.99 0.00 | 22.71 1.26 0.00 | 26.78 1.82 0.00 | 29.83 2.59 -0.04 | 27.84 2.44 0.00 | 27.23 2.32 0.00 | 27.04 2.21 0.00 | 28.80 2.43 -0.22 | 30.20 2.49 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.81 2.67 0.00 | 41.15 3.08 -0.04 | 48.22 4.38 0.00 | 50.21 4.43 -0.04 | 49.01 4.22 -1.30 | 45.14 4.28 -0.04 | 40.76 3.19 -0.88 | 31.73 2.30 0.00 | 28.24 2.57 0.00 |
| HOLTSVILLE_IC_5 23694 | 23.43 1.64 0.00 | 22.66 1.26 0.00 | 21.45 0.98 0.00 | 20.54 1.11 0.00 | 20.45 0.99 0.00 | 22.71 1.26 0.00 | 26.78 1.82 0.00 | 29.83 2.59 -0.04 | 27.84 2.44 0.00 | 27.23 2.32 0.00 | 27.04 2.21 0.00 | 28.80 2.43 -0.22 | 30.20 2.49 -0.31 | 32.36 2.41 -0.21 | 34.84 2.58 -0.08 | 36.81 2.67 0.00 | 41.15 3.08 -0.04 | 48.22 4.38 0.00 | 50.21 4.43 -0.04 | 49.01 4.22 -1.30 | 45.14 4.28 -0.04 | 40.76 3.19 -0.88 | 31.73 2.30 0.00 | 28.24 2.57 0.00 |
| HOLTSVILLE_IC_6 23695 | 23.54 1.74 0.00 | 22.77 1.37 0.00 | 21.56 1.08 0.00 | 20.63 1.21 0.00 | 20.53 1.07 0.00 | 22.81 1.37 0.00 | 26.91 1.95 0.00 | 29.99 2.75 -0.04 | 27.96 2.56 0.00 | 27.38 2.47 0.00 | 27.14 2.31 0.00 | 28.93 2.56 -0.22 | 30.34 2.63 -0.31 | 32.54 2.59 -0.21 | 35.03 2.77 -0.08 | 37.05 2.90 0.00 | 41.42 3.35 -0.04 | 48.57 4.74 0.00 | 50.57 4.80 -0.04 | 49.30 4.56 -1.25 | 45.42 4.57 -0.04 | 40.98 3.45 -0.84 | 31.87 2.44 0.00 | 28.37 2.70 0.00 |
| HOLTSVILLE_IC_7 23696 | 23.54 1.74 0.00 | 22.77 1.37 0.00 | 21.56 1.08 0.00 | 20.63 1.21 0.00 | 20.53 1.07 0.00 | 22.81 1.37 0.00 | 26.91 1.95 0.00 | 29.99 2.75 -0.04 | 27.96 2.56 0.00 | 27.38 2.47 0.00 | 27.14 2.31 0.00 | 28.93 2.56 -0.22 | 30.34 2.63 -0.31 | 32.54 2.59 -0.21 | 35.03 2.77 -0.08 | 37.05 2.90 0.00 | 41.42 3.35 -0.04 | 48.57 4.74 0.00 | 50.57 4.80 -0.04 | 49.30 4.56 -1.25 | 45.42 4.57 -0.04 | 40.98 3.45 -0.84 | 31.87 2.44 0.00 | 28.37 2.70 0.00 |
| HOLTSVILLE_IC_8 23697 | 23.54 1.74 0.00 | 22.77 1.37 0.00 | 21.56 1.08 0.00 | 20.63 1.21 0.00 | 20.53 1.07 0.00 | 22.81 1.37 0.00 | 26.91 1.95 0.00 | 29.99 2.75 -0.04 | 27.96 2.56 0.00 | 27.38 2.47 0.00 | 27.14 2.31 0.00 | 28.93 2.56 -0.22 | 30.34 2.63 -0.31 | 32.54 2.59 -0.21 | 35.03 2.77 -0.08 | 37.05 2.90 0.00 | 41.42 3.35 -0.04 | 48.57 4.74 0.00 | 50.57 4.80 -0.04 | 49.30 4.56 -1.25 | 45.42 4.57 -0.04 | 40.98 3.45 -0.84 | 31.87 2.44 0.00 | 28.37 2.70 0.00 |
| HOLTSVILLE_IC_9 23698 | 23.54 1.74 0.00 | 22.77 1.37 0.00 | 21.56 1.08 0.00 | 20.63 1.21 0.00 | 20.53 1.07 0.00 | 22.81 1.37 0.00 | 26.91 1.95 0.00 | 29.99 2.75 -0.04 | 27.96 2.56 0.00 | 27.38 2.47 0.00 | 27.14 2.31 0.00 | 28.93 2.56 -0.22 | 30.34 2.63 -0.31 | 32.54 2.59 -0.21 | 35.03 2.77 -0.08 | 37.05 2.90 0.00 | 41.42 3.35 -0.04 | 48.57 4.74 0.00 | 50.57 4.80 -0.04 | 49.30 4.56 -1.25 | 45.42 4.57 -0.04 | 40.98 3.45 -0.84 | 31.87 2.44 0.00 | 28.37 2.70 0.00 |
| HOMER_HL_115KV_TB2 355744 | 22.53 0.74 0.00 | 21.65 0.26 0.00 | 20.66 0.18 0.00 | 19.70 0.27 0.00 | 19.73 0.27 0.00 | 21.81 0.36 0.00 | 24.03 -0.45 0.48 | 25.76 -0.41 1.04 | 24.78 -0.18 0.44 | 24.70 0.02 0.24 | 24.84 0.25 0.24 | 25.85 0.10 0.39 | 26.17 -0.55 0.68 | 28.23 -0.57 0.95 | 30.80 -0.29 1.09 | 32.17 -0.68 1.30 | 35.86 -0.76 1.41 | 40.43 -1.01 2.40 | 43.37 -0.64 1.72 | 41.54 -0.48 1.47 | 37.78 -0.98 2.05 | 34.16 -0.92 1.62 | 28.68 -0.50 0.25 | 25.98 0.31 0.00 |
| HOWARD_WT_PWR 323690 | 22.40 0.61 0.00 | 21.55 0.15 0.00 | 20.55 0.08 0.00 | 19.53 0.10 0.00 | 19.54 0.08 0.00 | 21.61 0.17 0.00 | 24.83 0.25 0.38 | 26.88 0.49 0.81 | 25.71 0.66 0.35 | 25.52 0.80 0.19 | 25.61 0.97 0.19 | 26.77 0.94 0.31 | 27.52 0.66 0.54 | 29.83 0.83 0.75 | 32.35 1.03 0.86 | 33.95 0.82 1.02 | 37.91 0.99 1.10 | 43.17 1.23 1.89 | 46.25 1.88 1.36 | 44.29 1.96 1.15 | 40.63 1.43 1.61 | 35.93 0.51 1.27 | 29.83 0.59 0.19 | 26.16 0.49 0.00 |
| HQ_GEN_CEDARS 23644 | 21.49 -0.31 0.00 | 21.44 0.04 0.00 | 20.51 0.04 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.64 -0.32 0.00 | 26.90 -0.30 0.00 | 25.07 -0.33 0.00 | 24.56 -0.35 0.00 | 24.51 -0.32 0.00 | 25.83 -0.31 0.00 | 27.09 -0.30 0.00 | 29.27 -0.48 0.00 | 31.60 -0.58 0.00 | 33.50 -0.65 0.00 | 37.42 -0.61 0.00 | 41.64 -2.19 0.00 | 43.31 -2.42 0.00 | 41.40 -2.09 0.00 | 39.71 -1.10 0.00 | 35.89 -0.81 0.00 | 28.90 -0.53 0.00 | 25.29 -0.39 0.00 |

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|-------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_CEDARS_PROXY 323590 | 21.49 -0.31 0.00 | 21.44 0.04 0.00 | 20.51 0.04 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.63 -0.33 0.00 | 26.90 -0.30 0.00 | 25.07 -0.33 0.00 | 24.56 -0.35 0.00 | 24.51 -0.32 0.00 | 25.83 -0.31 0.00 | 27.10 -0.30 0.00 | 29.27 -0.48 0.00 | 31.60 -0.58 0.00 | 33.53 -0.61 0.00 | 37.42 -0.61 0.00 | 41.69 -2.15 0.00 | 43.31 -2.43 0.00 | 41.40 -2.09 0.00 | 38.90 -1.92 0.00 | 35.89 -0.81 0.00 | 28.90 -0.53 0.00 | 25.26 -0.41 0.00 |
| HQ_GEN_IMPORT 323601 | 21.42 -0.28 0.09 | 21.42 -0.06 -0.09 | 20.43 -0.04 0.00 | 19.39 -0.04 0.00 | 19.42 -0.04 0.00 | 21.42 -0.06 -0.04 | 24.57 -0.35 0.04 | 26.85 -0.35 0.00 | 25.04 -0.36 0.00 | 24.56 -0.35 0.00 | 24.49 -0.35 0.00 | 25.80 -0.34 0.00 | 27.04 -0.36 0.00 | 29.33 -0.42 0.00 | 31.70 -0.48 0.00 | 33.63 -0.51 0.00 | 37.46 -0.57 0.00 | 42.70 -1.14 0.00 | 44.45 -1.28 0.00 | 42.35 -1.13 0.00 | 39.72 -1.10 0.00 | 36.07 -0.62 0.00 | 28.96 -0.47 0.00 | 25.29 -0.38 0.00 |
| HQ_GEN_WHEEL 23651 | 21.42 -0.28 0.09 | 21.42 -0.06 -0.09 | 20.43 -0.04 0.00 | 19.39 -0.04 0.00 | 19.42 -0.04 0.00 | 21.42 -0.06 -0.04 | 24.57 -0.35 0.04 | 26.85 -0.35 0.00 | 25.04 -0.36 0.00 | 24.56 -0.35 0.00 | 24.49 -0.35 0.00 | 25.80 -0.34 0.00 | 27.04 -0.36 0.00 | 29.33 -0.42 0.00 | 31.70 -0.48 0.00 | 33.63 -0.51 0.00 | 37.46 -0.57 0.00 | 42.70 -1.14 0.00 | 44.45 -1.28 0.00 | 42.35 -1.13 0.00 | 39.72 -1.10 0.00 | 36.07 -0.62 0.00 | 28.96 -0.47 0.00 | 25.29 -0.38 0.00 |
| HUDSON AVE_GT_3 23810 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.54 1.06 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.71 2.31 0.00 | 27.13 2.22 0.00 | 27.09 2.26 0.00 | 28.74 2.38 -0.22 | 30.23 2.52 -0.31 | 32.72 2.77 -0.21 | 35.13 2.86 -0.08 | 37.08 2.94 0.00 | 41.19 3.16 0.00 | 48.26 4.43 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.57 3.76 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.83 2.16 0.00 |
| HUDSON AVE_GT_4 23540 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.54 1.06 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.71 2.31 0.00 | 27.13 2.22 0.00 | 27.09 2.26 0.00 | 28.74 2.38 -0.22 | 30.23 2.52 -0.31 | 32.72 2.77 -0.21 | 35.13 2.86 -0.08 | 37.08 2.94 0.00 | 41.19 3.16 0.00 | 48.26 4.43 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.57 3.76 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.83 2.16 0.00 |
| HUDSON AVE_GT_5 23657 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.54 1.06 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.53 1.09 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.71 2.31 0.00 | 27.13 2.22 0.00 | 27.09 2.26 0.00 | 28.74 2.38 -0.22 | 30.23 2.52 -0.31 | 32.72 2.77 -0.21 | 35.13 2.86 -0.08 | 37.08 2.94 0.00 | 41.19 3.16 0.00 | 48.26 4.43 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.57 3.76 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.83 2.16 0.00 |
| HUDSON_AVE_10 24168 | 23.21 1.42 0.00 | 22.42 1.03 0.00 | 21.45 0.98 0.00 | 20.32 0.89 0.00 | 20.36 0.90 0.00 | 22.45 1.01 0.00 | 26.81 1.85 0.00 | 29.43 2.23 0.00 | 27.66 2.26 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.66 2.71 -0.21 | 35.07 2.80 -0.08 | 37.01 2.87 0.00 | 41.07 3.04 0.00 | 48.18 4.34 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.45 3.63 0.00 | 39.59 2.90 0.00 | 31.76 2.33 0.00 | 27.76 2.08 0.00 |
| HUDSON___115KV_TB 4 355613 | 22.60 0.81 0.00 | 22.02 0.62 0.00 | 21.07 0.59 0.00 | 20.03 0.60 0.00 | 20.03 0.56 0.00 | 22.06 0.62 0.00 | 25.98 1.02 0.00 | 27.99 0.79 0.00 | 25.96 0.56 0.00 | 25.36 0.45 0.00 | 25.16 0.32 0.00 | 26.44 0.37 0.07 | 27.74 0.44 0.09 | 30.22 0.54 0.06 | 32.80 0.64 0.02 | 34.90 0.75 0.00 | 39.06 1.03 0.00 | 45.72 1.88 0.00 | 47.97 2.24 0.00 | 45.53 2.04 0.00 | 42.73 1.92 0.00 | 38.12 1.43 0.00 | 30.43 1.00 0.00 | 26.60 0.92 0.00 |
| HUNTER MOUNT___DRP 323613 | 22.58 0.78 0.00 | 22.02 0.62 0.00 | 21.04 0.57 0.00 | 20.01 0.58 0.00 | 20.03 0.56 0.00 | 22.04 0.60 0.00 | 25.98 1.02 0.00 | 27.96 0.76 0.00 | 25.88 0.48 0.00 | 25.26 0.35 0.00 | 25.01 0.17 0.00 | 26.35 0.24 0.03 | 27.69 0.33 0.04 | 30.17 0.45 0.02 | 32.75 0.58 0.01 | 34.79 0.65 0.00 | 39.02 0.99 0.00 | 45.72 1.88 0.00 | 48.02 2.29 0.00 | 45.57 2.09 0.00 | 42.77 1.96 0.00 | 38.20 1.50 0.00 | 30.43 1.00 0.00 | 26.60 0.92 0.00 |
| HUNTINGTON_RES_REC 323705 | 23.38 1.59 0.00 | 22.62 1.22 0.00 | 21.43 0.96 0.00 | 20.48 1.05 0.00 | 20.39 0.93 0.00 | 22.64 1.20 0.00 | 26.76 1.80 0.00 | 29.66 2.47 0.02 | 27.79 2.39 0.00 | 27.20 2.29 0.00 | 27.04 2.21 0.00 | 28.77 2.40 -0.22 | 30.17 2.47 -0.31 | 32.39 2.44 -0.21 | 34.84 2.58 -0.08 | 36.84 2.70 0.00 | 41.09 3.08 0.02 | 48.22 4.38 0.00 | 50.10 4.39 0.02 | 47.27 4.35 0.56 | 45.21 4.32 -0.07 | 39.55 3.23 0.37 | 31.70 2.27 0.00 | 28.19 2.52 0.00 |
| HUNTLEY___63 23557 | 21.97 0.17 0.00 | 21.14 -0.26 0.00 | 20.18 -0.29 0.00 | 19.27 -0.16 0.00 | 19.23 -0.23 0.00 | 21.23 -0.21 0.00 | 24.19 -0.20 0.57 | 25.71 -0.27 1.21 | 24.85 -0.03 0.52 | 24.78 0.15 0.28 | 24.95 0.40 0.28 | 25.99 0.31 0.46 | 26.40 -0.19 0.80 | 28.39 -0.24 1.11 | 31.00 0.10 1.28 | 32.66 0.03 1.52 | 36.42 0.04 1.65 | 41.06 0.04 2.82 | 44.12 0.41 2.02 | 42.20 0.43 1.72 | 38.45 0.04 2.41 | 34.24 -0.55 1.90 | 29.08 -0.06 0.29 | 25.39 -0.28 0.00 |
| HUNTLEY___64 23558 | 21.97 0.17 0.00 | 21.14 -0.26 0.00 | 20.18 -0.29 0.00 | 19.27 -0.16 0.00 | 19.23 -0.23 0.00 | 21.23 -0.21 0.00 | 24.19 -0.20 0.57 | 25.71 -0.27 1.21 | 24.85 -0.03 0.52 | 24.78 0.15 0.28 | 24.95 0.40 0.28 | 25.99 0.31 0.46 | 26.40 -0.19 0.80 | 28.39 -0.24 1.11 | 31.00 0.10 1.28 | 32.66 0.03 1.52 | 36.42 0.04 1.65 | 41.06 0.04 2.82 | 44.12 0.41 2.02 | 42.20 0.43 1.72 | 38.45 0.04 2.41 | 34.24 -0.55 1.90 | 29.08 -0.06 0.29 | 25.39 -0.28 0.00 |
| HUNTLEY___65 23559 | 21.97 0.17 0.00 | 21.14 -0.26 0.00 | 20.18 -0.29 0.00 | 19.27 -0.16 0.00 | 19.23 -0.23 0.00 | 21.23 -0.21 0.00 | 24.19 -0.20 0.57 | 25.71 -0.27 1.21 | 24.85 -0.03 0.52 | 24.78 0.15 0.28 | 24.95 0.40 0.28 | 25.99 0.31 0.46 | 26.40 -0.19 0.80 | 28.39 -0.24 1.11 | 31.00 0.10 1.28 | 32.66 0.03 1.52 | 36.42 0.04 1.65 | 41.06 0.04 2.82 | 44.12 0.41 2.02 | 42.20 0.43 1.72 | 38.45 0.04 2.41 | 34.24 -0.55 1.90 | 29.08 -0.06 0.29 | 25.39 -0.28 0.00 |
| HUNTLEY___66 23560 | 21.97 0.17 0.00 | 21.14 -0.26 0.00 | 20.18 -0.29 0.00 | 19.27 -0.16 0.00 | 19.23 -0.23 0.00 | 21.23 -0.21 0.00 | 24.19 -0.20 0.57 | 25.71 -0.27 1.21 | 24.85 -0.03 0.52 | 24.78 0.15 0.28 | 24.95 0.40 0.28 | 25.99 0.31 0.46 | 26.40 -0.19 0.80 | 28.39 -0.24 1.11 | 31.00 0.10 1.28 | 32.66 0.03 1.52 | 36.42 0.04 1.65 | 41.06 0.04 2.82 | 44.12 0.41 2.02 | 42.20 0.43 1.72 | 38.45 0.04 2.41 | 34.24 -0.55 1.90 | 29.08 -0.06 0.29 | 25.39 -0.28 0.00 |
| HUNTLEY___67 23561 | 21.92 0.13 0.00 | 21.10 -0.30 0.00 | 20.14 -0.33 0.00 | 19.22 -0.21 0.00 | 19.19 -0.27 0.00 | 21.18 -0.26 0.00 | 24.13 -0.27 0.55 | 25.64 -0.35 1.20 | 24.76 -0.13 0.52 | 24.71 0.07 0.28 | 24.85 0.30 0.28 | 25.89 0.21 0.46 | 26.27 -0.33 0.79 | 28.26 -0.39 1.10 | 30.82 -0.10 1.27 | 32.47 -0.17 1.50 | 36.17 -0.23 1.63 | 40.83 -0.22 2.79 | 43.82 0.09 2.00 | 41.95 0.17 1.70 | 38.19 -0.24 2.38 | 34.08 -0.73 1.88 | 28.91 -0.24 0.29 | 25.32 -0.36 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| HUNTLEY___68 23562 | 21.92 0.13 0.00 | 21.10 -0.30 0.00 | 20.14 -0.33 0.00 | 19.22 -0.21 0.00 | 19.19 -0.27 0.00 | 21.18 -0.26 0.00 | 24.13 -0.27 0.55 | 25.64 -0.35 1.20 | 24.76 -0.13 0.52 | 24.71 0.07 0.28 | 24.85 0.30 0.28 | 25.89 0.21 0.46 | 26.27 -0.33 0.79 | 28.26 -0.39 1.10 | 30.82 -0.10 1.27 | 32.47 -0.17 1.50 | 36.17 -0.23 1.63 | 40.83 -0.22 2.79 | 43.82 0.09 2.00 | 41.95 0.17 1.70 | 38.19 -0.24 2.38 | 34.08 -0.73 1.88 | 28.91 -0.24 0.29 | 25.32 -0.36 0.00 |
| HYLAND___LFGE 323620 | 22.88 1.09 0.00 | 22.02 0.62 0.00 | 21.07 0.59 0.00 | 20.03 0.60 0.00 | 19.99 0.53 0.00 | 22.15 0.71 0.00 | 25.57 1.10 0.48 | 27.29 1.14 1.05 | 25.71 0.76 0.45 | 25.21 0.55 0.24 | 25.19 0.60 0.24 | 26.29 0.55 0.40 | 27.03 0.33 0.69 | 29.20 0.42 0.97 | 31.68 0.61 1.11 | 32.49 -0.34 1.32 | 36.56 -0.04 1.43 | 42.01 0.61 2.44 | 45.72 1.74 1.75 | 44.21 2.22 1.49 | 40.89 2.16 2.09 | 36.37 1.32 1.65 | 31.21 2.03 0.25 | 27.09 1.41 0.00 |
| INDECK___CORINTH 23802 | 23.06 1.26 0.00 | 22.44 1.05 0.00 | 21.58 1.10 0.00 | 20.48 1.05 0.00 | 20.49 1.03 0.00 | 22.66 1.22 0.00 | 25.81 0.85 0.00 | 27.99 0.79 0.00 | 26.03 0.64 0.00 | 25.51 0.60 0.00 | 25.41 0.57 0.00 | 26.39 0.37 0.12 | 27.75 0.52 0.17 | 30.14 0.51 0.11 | 32.56 0.42 0.04 | 34.79 0.65 0.00 | 38.83 0.80 0.00 | 45.46 1.62 0.00 | 47.51 1.78 0.00 | 45.05 1.56 0.00 | 42.33 1.51 0.00 | 37.57 0.88 0.00 | 30.28 0.85 0.00 | 26.52 0.85 0.00 |
| INDECK___ILION 23567 | 22.05 0.26 0.00 | 21.57 0.17 0.00 | 20.64 0.16 0.00 | 19.57 0.14 0.00 | 19.62 0.16 0.00 | 21.61 0.17 0.00 | 25.26 0.30 0.00 | 27.50 0.30 0.00 | 25.68 0.28 0.00 | 25.18 0.27 0.00 | 25.11 0.27 0.00 | 26.43 0.29 0.00 | 27.70 0.30 0.00 | 30.07 0.33 0.00 | 32.54 0.35 0.00 | 34.56 0.41 0.00 | 38.52 0.49 0.00 | 44.62 0.79 0.00 | 46.60 0.87 0.00 | 44.27 0.78 0.00 | 41.47 0.65 0.00 | 37.17 0.48 0.00 | 29.78 0.35 0.00 | 25.98 0.31 0.00 |
| INDECK___OLEAN 23982 | 22.53 0.74 0.00 | 21.65 0.26 0.00 | 20.74 0.27 0.00 | 19.70 0.27 0.00 | 19.73 0.27 0.00 | 21.81 0.36 0.00 | 23.98 -0.50 0.48 | 25.76 -0.41 1.04 | 24.78 -0.18 0.44 | 24.70 0.02 0.24 | 24.84 0.25 0.24 | 25.85 0.10 0.39 | 26.22 -0.49 0.68 | 28.35 -0.45 0.95 | 30.80 -0.29 1.09 | 32.10 -0.75 1.30 | 35.86 -0.76 1.41 | 40.25 -1.18 2.40 | 43.37 -0.64 1.72 | 41.54 -0.48 1.47 | 37.90 -0.86 2.05 | 34.12 -0.95 1.62 | 28.71 -0.47 0.25 | 26.16 0.49 0.00 |
| INDECK___OSWEGO 23783 | 21.42 -0.37 0.00 | 20.90 -0.49 0.00 | 19.98 -0.49 0.00 | 18.96 -0.47 0.00 | 18.99 -0.47 0.00 | 20.97 -0.47 0.00 | 25.30 -0.42 -0.77 | 28.45 -0.41 -1.66 | 25.76 -0.36 -0.71 | 24.94 -0.35 -0.38 | 24.90 -0.32 -0.39 | 26.43 -0.34 -0.63 | 28.11 -0.38 -1.09 | 30.91 -0.36 -1.52 | 33.52 -0.42 -1.76 | 35.47 -0.75 -2.08 | 39.48 -0.80 -2.25 | 46.98 -0.70 -3.85 | 47.86 -0.64 -2.76 | 45.23 -0.61 -2.35 | 43.50 -0.61 -3.29 | 38.63 -0.66 -2.60 | 29.53 -0.29 -0.40 | 25.37 -0.31 0.00 |
| INDECK___YERKES 23781 | 21.99 0.20 0.00 | 21.16 -0.23 0.00 | 20.29 -0.18 0.00 | 19.29 -0.14 0.00 | 19.25 -0.21 0.00 | 21.25 -0.19 0.00 | 24.16 -0.23 0.57 | 25.74 -0.25 1.21 | 24.88 0.00 0.52 | 24.81 0.18 0.28 | 24.97 0.42 0.28 | 26.02 0.34 0.46 | 26.57 -0.03 0.80 | 28.63 0.00 1.11 | 31.03 0.13 1.28 | 32.59 -0.03 1.52 | 36.46 0.08 1.65 | 40.85 -0.17 2.82 | 44.12 0.41 2.02 | 42.24 0.48 1.72 | 38.49 0.08 2.41 | 34.24 -0.55 1.90 | 29.14 0.00 0.29 | 25.70 0.03 0.00 |
| INDIAN POINT_GT_1 24139 | 23.10 1.31 0.00 | 22.36 0.96 0.00 | 21.39 0.92 0.00 | 20.28 0.85 0.00 | 20.30 0.84 0.00 | 22.38 0.94 0.00 | 26.66 1.70 0.00 | 29.16 1.96 0.00 | 27.35 1.96 0.00 | 26.80 1.89 0.00 | 26.75 1.91 0.00 | 28.35 1.99 -0.22 | 29.78 2.08 -0.31 | 32.27 2.32 -0.20 | 34.65 2.38 -0.08 | 36.64 2.49 0.00 | 40.73 2.70 0.00 | 47.74 3.90 0.00 | 49.62 3.89 0.00 | 47.05 3.57 0.00 | 44.08 3.27 0.00 | 39.26 2.57 0.00 | 31.46 2.03 0.00 | 27.55 1.87 0.00 |
| INDIAN POINT_GT_2 23659 | 23.10 1.31 0.00 | 22.36 0.96 0.00 | 21.39 0.92 0.00 | 20.28 0.85 0.00 | 20.30 0.84 0.00 | 22.38 0.94 0.00 | 26.66 1.70 0.00 | 29.16 1.96 0.00 | 27.35 1.96 0.00 | 26.80 1.89 0.00 | 26.75 1.91 0.00 | 28.35 1.99 -0.22 | 29.78 2.08 -0.31 | 32.27 2.32 -0.20 | 34.65 2.38 -0.08 | 36.64 2.49 0.00 | 40.73 2.70 0.00 | 47.74 3.90 0.00 | 49.62 3.89 0.00 | 47.05 3.57 0.00 | 44.08 3.27 0.00 | 39.26 2.57 0.00 | 31.46 2.03 0.00 | 27.55 1.87 0.00 |
| INDIAN POINT_GT_3 24019 | 23.10 1.31 0.00 | 22.36 0.96 0.00 | 21.39 0.92 0.00 | 20.28 0.85 0.00 | 20.30 0.84 0.00 | 22.38 0.94 0.00 | 26.66 1.70 0.00 | 29.16 1.96 0.00 | 27.35 1.96 0.00 | 26.80 1.89 0.00 | 26.75 1.91 0.00 | 28.35 1.99 -0.22 | 29.78 2.08 -0.31 | 32.27 2.32 -0.20 | 34.65 2.38 -0.08 | 36.64 2.49 0.00 | 40.73 2.70 0.00 | 47.74 3.90 0.00 | 49.62 3.89 0.00 | 47.05 3.57 0.00 | 44.08 3.27 0.00 | 39.26 2.57 0.00 | 31.46 2.03 0.00 | 27.55 1.87 0.00 |
| INDIAN POINT___2 23530 | 23.10 1.31 0.00 | 22.34 0.94 0.00 | 21.35 0.88 0.00 | 20.26 0.83 0.00 | 20.30 0.84 0.00 | 22.38 0.94 0.00 | 26.66 1.70 0.00 | 29.16 1.96 0.00 | 27.35 1.96 0.00 | 26.80 1.89 0.00 | 26.72 1.89 0.00 | 28.34 1.99 -0.22 | 29.75 2.06 -0.30 | 32.18 2.23 -0.20 | 34.61 2.35 -0.08 | 36.64 2.49 0.00 | 40.69 2.66 0.00 | 47.69 3.86 0.00 | 49.53 3.79 0.00 | 47.00 3.52 0.00 | 44.24 3.43 0.00 | 39.26 2.57 0.00 | 31.43 2.00 0.00 | 27.42 1.75 0.00 |
| INDIAN POINT___3 23531 | 23.08 1.29 0.00 | 22.34 0.94 0.00 | 21.37 0.90 0.00 | 20.27 0.84 0.00 | 20.30 0.84 0.00 | 22.38 0.94 0.00 | 26.63 1.67 0.00 | 29.13 1.93 0.00 | 27.33 1.93 0.00 | 26.78 1.87 0.00 | 26.70 1.86 0.00 | 28.32 1.96 -0.22 | 29.76 2.05 -0.31 | 32.21 2.26 -0.21 | 34.58 2.32 -0.08 | 36.54 2.39 0.00 | 40.65 2.62 0.00 | 47.61 3.77 0.00 | 49.48 3.75 0.00 | 46.92 3.44 0.00 | 44.00 3.18 0.00 | 39.19 2.50 0.00 | 31.40 1.97 0.00 | 27.52 1.85 0.00 |
| INGHAM_C_115KV_TB7 356103 | 22.03 0.24 0.00 | 21.55 0.15 0.00 | 20.61 0.14 0.00 | 19.55 0.12 0.00 | 19.60 0.14 0.00 | 21.59 0.15 0.00 | 25.23 0.27 0.00 | 27.47 0.27 0.00 | 25.65 0.25 0.00 | 25.16 0.25 0.00 | 25.08 0.25 0.00 | 26.40 0.26 0.00 | 27.67 0.27 0.00 | 30.01 0.27 0.00 | 32.47 0.29 0.00 | 34.45 0.31 0.00 | 38.45 0.42 0.00 | 44.54 0.70 0.00 | 46.56 0.82 0.00 | 44.18 0.70 0.00 | 41.43 0.61 0.00 | 37.13 0.44 0.00 | 29.72 0.29 0.00 | 25.93 0.26 0.00 |
| IP CORINTH___1 23988 | 23.06 1.26 0.00 | 22.44 1.05 0.00 | 21.58 1.11 0.00 | 20.48 1.05 0.00 | 20.49 1.03 0.00 | 22.66 1.22 0.00 | 25.93 0.97 0.00 | 28.13 0.92 0.00 | 26.16 0.76 0.00 | 25.63 0.72 0.00 | 25.53 0.70 0.00 | 26.54 0.52 0.12 | 27.92 0.68 0.17 | 30.32 0.68 0.11 | 32.75 0.61 0.04 | 34.97 0.82 0.00 | 39.06 1.03 0.00 | 45.68 1.84 0.00 | 47.79 2.06 0.00 | 45.31 1.83 0.00 | 42.49 1.67 0.00 | 37.79 1.10 0.00 | 30.46 1.03 0.00 | 26.68 1.00 0.00 |
| IP___TICONDEROGA 23804 | 24.08 2.29 0.00 | 23.39 1.99 0.00 | 22.44 1.97 0.00 | 21.28 1.85 0.00 | 21.27 1.81 0.00 | 23.58 2.14 0.00 | 27.13 2.17 0.00 | 29.35 2.15 0.00 | 27.15 1.75 0.00 | 26.58 1.67 0.00 | 26.50 1.66 0.00 | 27.61 1.59 0.12 | 29.12 1.89 0.17 | 31.59 1.96 0.11 | 34.23 2.09 0.05 | 36.71 2.56 0.00 | 41.07 3.04 0.00 | 48.31 4.47 0.00 | 50.63 4.89 0.00 | 48.09 4.61 0.00 | 45.02 4.20 0.00 | 39.89 3.19 0.00 | 32.08 2.65 0.00 | 28.09 2.41 0.00 |

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| ISLIP_RES_REC 323679 | 23.62 1.83 0.00 | 22.87 1.48 0.00 | 21.64 1.17 0.00 | 20.71 1.28 0.00 | 20.61 1.15 0.00 | 22.92 1.48 0.00 | 27.01 2.05 0.00 | 30.12 2.88 -0.04 | 28.09 2.69 0.00 | 27.50 2.59 0.00 | 27.29 2.46 0.00 | 29.08 2.72 -0.22 | 30.47 2.77 -0.31 | 32.72 2.77 -0.21 | 35.23 2.96 -0.08 | 37.25 3.11 0.00 | 41.68 3.61 -0.03 | 48.92 5.08 0.00 | 50.89 5.12 -0.03 | 49.43 4.83 -1.12 | 45.66 4.81 -0.03 | 41.08 3.63 -0.75 | 32.05 2.62 0.00 | 28.53 2.85 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 23.21 1.42 0.00 | 22.42 1.03 0.00 | 21.43 0.96 0.00 | 20.30 0.87 0.00 | 20.34 0.88 0.00 | 22.47 1.03 0.00 | 26.91 1.95 0.00 | 29.57 2.37 0.00 | 27.84 2.44 0.00 | 27.23 2.32 0.00 | 27.17 2.33 0.00 | 28.82 2.46 -0.22 | 30.31 2.60 -0.31 | 32.84 2.89 -0.21 | 35.26 2.99 -0.08 | 37.15 3.00 0.00 | 41.22 3.19 0.00 | 48.44 4.60 0.00 | 50.26 4.53 0.00 | 47.66 4.17 0.00 | 44.73 3.92 0.00 | 39.74 3.05 0.00 | 31.90 2.47 0.00 | 27.86 2.18 0.00 |
| JANIS___SOLAR 323808 | 22.99 1.20 0.00 | 22.32 0.92 0.00 | 21.29 0.82 0.00 | 20.17 0.74 0.00 | 20.24 0.78 0.00 | 22.38 0.94 0.00 | 26.19 1.37 0.14 | 28.44 1.55 0.31 | 26.54 1.27 0.13 | 25.93 1.09 0.07 | 25.76 0.99 0.07 | 27.15 1.10 0.09 | 28.41 1.18 0.17 | 30.83 1.34 0.26 | 33.44 1.58 0.32 | 35.53 1.77 0.39 | 40.01 2.40 0.42 | 46.54 3.42 0.71 | 49.25 4.03 0.51 | 47.09 4.04 0.44 | 43.88 3.67 0.61 | 39.04 2.83 0.48 | 31.59 2.24 0.07 | 27.42 1.75 0.00 |
| JARVIS____ 23743 | 21.99 0.20 0.00 | 21.50 0.11 0.00 | 20.57 0.10 0.00 | 19.53 0.10 0.00 | 19.56 0.10 0.00 | 21.57 0.13 0.00 | 25.18 0.22 0.00 | 27.44 0.24 0.00 | 25.63 0.23 0.00 | 25.11 0.20 0.00 | 25.03 0.20 0.00 | 26.35 0.21 0.00 | 27.61 0.22 0.00 | 29.98 0.24 0.00 | 32.47 0.29 0.00 | 34.45 0.31 0.00 | 38.37 0.34 0.00 | 44.45 0.61 0.00 | 46.37 0.64 0.00 | 44.05 0.56 0.00 | 41.34 0.53 0.00 | 37.02 0.33 0.00 | 29.66 0.23 0.00 | 25.91 0.23 0.00 |
| JENNISON___1 23625 | 23.14 1.35 0.00 | 22.47 1.07 0.00 | 21.43 0.96 0.00 | 20.32 0.89 0.00 | 20.38 0.91 0.00 | 22.51 1.07 0.00 | 26.36 1.52 0.13 | 28.69 1.77 0.28 | 26.91 1.63 0.12 | 26.39 1.54 0.06 | 26.26 1.49 0.06 | 27.74 1.67 0.07 | 29.02 1.75 0.13 | 31.46 1.93 0.22 | 34.09 2.19 0.28 | 36.23 2.42 0.34 | 40.62 2.97 0.37 | 47.14 3.95 0.64 | 49.57 4.30 0.46 | 47.18 4.09 0.39 | 43.86 3.59 0.55 | 39.16 2.90 0.43 | 31.60 2.24 0.07 | 27.52 1.85 0.00 |
| JENNISON___2 23626 | 23.14 1.35 0.00 | 22.47 1.07 0.00 | 21.43 0.96 0.00 | 20.32 0.89 0.00 | 20.38 0.91 0.00 | 22.51 1.07 0.00 | 26.36 1.52 0.13 | 28.69 1.77 0.28 | 26.91 1.63 0.12 | 26.39 1.54 0.06 | 26.26 1.49 0.06 | 27.74 1.67 0.07 | 29.02 1.75 0.13 | 31.46 1.93 0.22 | 34.09 2.19 0.28 | 36.23 2.42 0.34 | 40.62 2.97 0.37 | 47.14 3.95 0.64 | 49.57 4.30 0.46 | 47.18 4.09 0.39 | 43.86 3.59 0.55 | 39.16 2.90 0.43 | 31.60 2.24 0.07 | 27.52 1.85 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 21.55 -0.24 0.00 | 21.44 0.04 0.00 | 20.45 -0.02 0.00 | 19.41 -0.02 0.00 | 19.44 -0.02 0.00 | 21.40 -0.04 0.00 | 24.59 -0.37 0.00 | 26.98 -0.22 0.00 | 25.17 -0.23 0.00 | 24.71 -0.20 0.00 | 24.61 -0.22 0.00 | 25.98 -0.16 0.00 | 27.23 -0.16 0.00 | 29.36 -0.39 0.00 | 31.73 -0.45 0.00 | 33.63 -0.51 0.00 | 37.72 -0.31 0.00 | 42.26 -1.58 0.00 | 43.54 -2.19 0.00 | 41.74 -1.74 0.00 | 38.86 -1.96 0.00 | 35.45 -1.25 0.00 | 28.67 -0.77 0.00 | 24.96 -0.72 0.00 |
| KATONAH___115KV_46KV_TB4 355592 | 23.21 1.42 0.00 | 22.47 1.07 0.00 | 21.50 1.02 0.00 | 20.36 0.93 0.00 | 20.38 0.91 0.00 | 22.49 1.05 0.00 | 26.76 1.80 0.00 | 29.21 2.01 0.00 | 27.41 2.01 0.00 | 26.88 1.97 0.00 | 26.80 1.96 0.00 | 28.46 2.09 -0.22 | 29.95 2.25 -0.31 | 32.45 2.50 -0.21 | 34.90 2.64 -0.08 | 36.91 2.77 0.00 | 41.11 3.08 0.00 | 48.18 4.34 0.00 | 50.03 4.30 0.00 | 47.44 3.96 0.00 | 44.45 3.63 0.00 | 39.56 2.86 0.00 | 31.61 2.18 0.00 | 27.70 2.03 0.00 |
| KCE_NY_1 323755 | 22.97 1.18 0.00 | 22.36 0.96 0.00 | 21.41 0.94 0.00 | 20.32 0.89 0.00 | 20.34 0.88 0.00 | 22.47 1.03 0.00 | 26.16 1.20 0.00 | 28.37 1.17 0.00 | 26.39 0.99 0.00 | 25.86 0.95 0.00 | 25.75 0.92 0.00 | 26.90 0.89 0.13 | 28.24 1.01 0.17 | 30.73 1.10 0.12 | 33.33 1.19 0.05 | 35.58 1.43 0.00 | 39.66 1.63 0.00 | 46.33 2.50 0.00 | 48.43 2.70 0.00 | 45.96 2.48 0.00 | 43.18 2.37 0.00 | 38.45 1.76 0.00 | 30.81 1.38 0.00 | 26.93 1.26 0.00 |
| KCE_NY_6_ESR 323823 | 22.25 0.46 0.00 | 21.40 0.00 0.00 | 20.49 0.02 0.00 | 19.49 0.06 0.00 | 19.46 0.00 0.00 | 21.48 0.04 0.00 | 24.27 -0.15 0.54 | 25.96 -0.08 1.16 | 25.06 0.15 0.50 | 24.97 0.32 0.27 | 25.14 0.57 0.27 | 26.19 0.50 0.44 | 26.71 0.08 0.76 | 28.83 0.15 1.06 | 31.28 0.32 1.23 | 32.87 0.17 1.45 | 36.65 0.19 1.57 | 41.15 0.00 2.69 | 44.39 0.59 1.93 | 42.53 0.69 1.64 | 38.76 0.25 2.30 | 34.48 -0.40 1.81 | 29.18 0.03 0.28 | 25.96 0.28 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 23.49 1.70 0.00 | 22.74 1.35 0.00 | 21.51 1.04 0.00 | 20.60 1.17 0.00 | 20.51 1.05 0.00 | 22.79 1.35 0.00 | 26.86 1.90 0.00 | 29.94 2.69 -0.04 | 27.91 2.52 0.00 | 27.33 2.42 0.00 | 27.12 2.28 0.00 | 28.87 2.51 -0.22 | 30.28 2.57 -0.31 | 32.48 2.53 -0.21 | 34.97 2.70 -0.08 | 36.98 2.83 0.00 | 41.34 3.27 -0.04 | 48.35 4.52 0.00 | 50.30 4.53 -0.04 | 49.27 4.39 -1.39 | 45.27 4.41 -0.04 | 41.04 3.41 -0.93 | 31.84 2.41 0.00 | 28.32 2.65 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 23.49 1.70 0.00 | 22.74 1.35 0.00 | 21.51 1.04 0.00 | 20.60 1.17 0.00 | 20.51 1.05 0.00 | 22.79 1.35 0.00 | 26.86 1.90 0.00 | 29.94 2.69 -0.04 | 27.91 2.52 0.00 | 27.33 2.42 0.00 | 27.12 2.28 0.00 | 28.87 2.51 -0.22 | 30.28 2.57 -0.31 | 32.48 2.53 -0.21 | 34.97 2.70 -0.08 | 36.98 2.83 0.00 | 41.34 3.27 -0.04 | 48.35 4.52 0.00 | 50.30 4.53 -0.04 | 49.27 4.39 -1.39 | 45.27 4.41 -0.04 | 41.04 3.41 -0.93 | 31.84 2.41 0.00 | 28.32 2.65 0.00 |
| KEDC_GLWD_GT4 24219 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.49 1.02 0.00 | 20.46 1.03 0.00 | 20.43 0.97 0.00 | 22.60 1.16 0.00 | 26.83 1.87 0.00 | 29.51 2.31 0.00 | 27.71 2.31 0.00 | 27.15 2.24 0.00 | 27.07 2.24 0.00 | 28.80 2.43 -0.22 | 30.20 2.49 -0.31 | 32.57 2.62 -0.21 | 35.06 2.80 -0.08 | 37.08 2.94 0.00 | 40.96 2.93 0.00 | 48.04 4.21 0.00 | 49.89 4.16 0.00 | 47.44 3.96 0.00 | 44.70 3.88 0.00 | 39.88 3.19 0.00 | 31.79 2.36 0.00 | 27.94 2.26 0.00 |
| KEDC_GLWD_GT5 24220 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.49 1.02 0.00 | 20.46 1.03 0.00 | 20.43 0.97 0.00 | 22.60 1.16 0.00 | 26.83 1.87 0.00 | 29.51 2.31 0.00 | 27.71 2.31 0.00 | 27.15 2.24 0.00 | 27.07 2.24 0.00 | 28.80 2.43 -0.22 | 30.20 2.49 -0.31 | 32.57 2.62 -0.21 | 35.06 2.80 -0.08 | 37.08 2.94 0.00 | 40.96 2.93 0.00 | 48.04 4.21 0.00 | 49.89 4.16 0.00 | 47.44 3.96 0.00 | 44.70 3.88 0.00 | 39.88 3.19 0.00 | 31.79 2.36 0.00 | 27.94 2.26 0.00 |
| KENSICO____ 23655 | 23.16 1.37 0.00 | 22.42 1.03 0.00 | 21.45 0.98 0.00 | 20.32 0.89 0.00 | 20.36 0.90 0.00 | 22.45 1.01 0.00 | 26.73 1.77 0.00 | 29.27 2.07 0.00 | 27.46 2.06 0.00 | 26.88 1.97 0.00 | 26.85 2.01 0.00 | 28.48 2.12 -0.22 | 29.92 2.22 -0.31 | 32.39 2.44 -0.21 | 34.78 2.51 -0.08 | 36.74 2.60 0.00 | 40.88 2.85 0.00 | 47.87 4.03 0.00 | 49.76 4.02 0.00 | 47.18 3.70 0.00 | 44.24 3.43 0.00 | 39.41 2.72 0.00 | 31.55 2.12 0.00 | 27.65 1.98 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 22.97 1.18 0.00 | 22.19 0.79 0.00 | 21.23 0.76 0.00 | 20.09 0.66 0.00 | 20.14 0.68 0.00 | 22.19 0.75 0.00 | 26.68 1.72 0.00 | 29.21 2.01 0.00 | 27.35 1.96 0.00 | 26.70 1.79 0.00 | 26.57 1.74 0.00 | 28.10 1.83 -0.13 | 29.49 1.92 -0.18 | 32.04 2.17 -0.12 | 34.52 2.28 -0.05 | 36.54 2.39 0.00 | 40.84 2.81 0.00 | 48.00 4.16 0.00 | 50.08 4.34 0.00 | 47.44 3.96 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.61 2.18 0.00 | 27.68 2.00 0.00 |
| KIAC_JFK_GT1 23816 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.33 0.86 0.00 | 20.21 0.78 0.00 | 20.24 0.78 0.00 | 22.36 0.92 0.00 | 26.76 1.80 0.00 | 29.40 2.20 0.00 | 27.68 2.29 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.07 2.80 -0.08 | 36.81 2.66 0.00 | 40.84 2.81 0.00 | 48.00 4.16 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.29 3.47 0.00 | 39.34 2.64 0.00 | 31.73 2.30 0.00 | 27.70 2.03 0.00 |
| KIAC_JFK_GT2 23817 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.33 0.86 0.00 | 20.21 0.78 0.00 | 20.24 0.78 0.00 | 22.36 0.92 0.00 | 26.76 1.80 0.00 | 29.40 2.20 0.00 | 27.68 2.29 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.07 2.80 -0.08 | 36.81 2.66 0.00 | 40.84 2.81 0.00 | 48.00 4.16 0.00 | 49.80 4.07 0.00 | 47.18 3.70 0.00 | 44.29 3.47 0.00 | 39.34 2.64 0.00 | 31.73 2.30 0.00 | 27.70 2.03 0.00 |
| KIAC_JFK____ 323774 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.31 0.84 0.00 | 20.21 0.78 0.00 | 20.24 0.78 0.00 | 22.36 0.92 0.00 | 26.78 1.82 0.00 | 29.40 2.20 0.00 | 27.69 2.29 0.00 | 27.13 2.22 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.12 2.41 -0.31 | 32.60 2.65 -0.21 | 34.91 2.64 -0.08 | 36.88 2.73 0.00 | 40.80 2.77 0.00 | 48.04 4.21 0.00 | 49.80 4.07 0.00 | 47.22 3.74 0.00 | 44.53 3.71 0.00 | 39.37 2.68 0.00 | 31.73 2.30 0.00 | 27.60 1.93 0.00 |
| KINTIGH____ 23543 | 21.66 -0.13 0.00 | 20.93 -0.47 0.00 | 19.98 -0.49 0.00 | 19.04 -0.39 0.00 | 19.03 -0.43 0.00 | 21.01 -0.43 0.00 | 24.22 -0.12 0.62 | 25.61 -0.24 1.34 | 24.77 -0.05 0.58 | 24.70 0.10 0.31 | 24.80 0.27 0.31 | 25.84 0.21 0.51 | 26.29 -0.22 0.88 | 28.25 -0.27 1.23 | 30.73 -0.03 1.42 | 32.40 -0.07 1.68 | 36.13 -0.08 1.82 | 40.72 0.00 3.11 | 43.82 0.32 2.23 | 41.89 0.30 1.90 | 38.15 0.00 2.66 | 34.15 -0.44 2.10 | 29.02 -0.09 0.32 | 25.14 -0.54 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 21.90 0.11 0.00 | 21.78 0.39 0.00 | 20.76 0.29 0.00 | 19.70 0.27 0.00 | 19.73 0.27 0.00 | 21.70 0.26 0.00 | 24.98 0.02 0.00 | 27.47 0.27 0.00 | 25.60 0.20 0.00 | 25.13 0.22 0.00 | 24.96 0.12 0.00 | 26.43 0.29 0.00 | 27.73 0.33 0.00 | 29.83 0.09 0.00 | 32.21 0.03 0.00 | 34.11 -0.03 0.00 | 38.52 0.49 0.00 | 42.74 -1.10 0.00 | 43.67 -2.06 0.00 | 42.18 -1.30 0.00 | 39.39 -1.43 0.00 | 35.78 -0.92 0.00 | 29.17 -0.26 0.00 | 25.32 -0.36 0.00 |
| LACHUTE____HYDRO 323717 | 24.06 2.27 0.00 | 23.39 1.99 0.00 | 22.44 1.97 0.00 | 21.28 1.85 0.00 | 21.27 1.81 0.00 | 23.58 2.14 0.00 | 27.13 2.17 0.00 | 29.35 2.15 0.00 | 27.15 1.75 0.00 | 26.58 1.67 0.00 | 26.50 1.66 0.00 | 27.61 1.59 0.12 | 29.12 1.89 0.17 | 31.56 1.93 0.11 | 34.23 2.09 0.05 | 36.71 2.56 0.00 | 41.07 3.04 0.00 | 48.31 4.47 0.00 | 50.58 4.85 0.00 | 48.09 4.61 0.00 | 45.10 4.28 0.00 | 39.88 3.19 0.00 | 32.08 2.65 0.00 | 28.09 2.41 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 21.46 -0.33 0.00 | 21.40 0.00 0.00 | 20.51 0.04 0.00 | 19.45 0.02 0.00 | 19.48 0.02 0.00 | 21.44 0.00 0.00 | 24.64 -0.32 0.00 | 26.96 -0.24 0.00 | 25.07 -0.33 0.00 | 24.56 -0.35 0.00 | 24.51 -0.32 0.00 | 25.80 -0.34 0.00 | 27.09 -0.30 0.00 | 29.18 -0.57 0.00 | 31.31 -0.87 0.00 | 33.22 -0.92 0.00 | 37.12 -0.91 0.00 | 41.42 -2.41 0.00 | 43.08 -2.65 0.00 | 41.22 -2.26 0.00 | 39.39 -1.43 0.00 | 35.56 -1.14 0.00 | 28.78 -0.65 0.00 | 25.24 -0.44 0.00 |
| LEDERLE____ 23769 | 23.14 1.35 0.00 | 22.40 1.01 0.00 | 21.43 0.96 0.00 | 20.28 0.85 0.00 | 20.32 0.86 0.00 | 22.41 0.96 0.00 | 26.76 1.80 0.00 | 29.27 2.07 0.00 | 27.46 2.06 0.00 | 26.90 1.99 0.00 | 26.82 1.99 0.00 | 28.44 2.09 -0.21 | 29.85 2.16 -0.29 | 32.32 2.38 -0.20 | 34.74 2.48 -0.08 | 36.71 2.56 0.00 | 40.84 2.81 0.00 | 47.82 3.99 0.00 | 49.71 3.98 0.00 | 47.14 3.65 0.00 | 44.16 3.35 0.00 | 39.34 2.64 0.00 | 31.55 2.12 0.00 | 27.60 1.93 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 21.68 -0.11 0.00 | 21.16 -0.24 0.00 | 20.25 -0.23 0.00 | 19.22 -0.21 0.00 | 19.27 -0.19 0.00 | 21.25 -0.19 0.00 | 25.09 -0.07 -0.20 | 27.64 0.00 -0.44 | 25.53 -0.05 -0.19 | 24.96 -0.05 -0.10 | 24.86 -0.07 -0.10 | 26.23 -0.08 -0.17 | 27.60 -0.08 -0.29 | 30.06 -0.09 -0.40 | 32.55 -0.10 -0.46 | 34.62 -0.07 -0.54 | 38.47 -0.15 -0.59 | 44.98 0.13 -1.01 | 46.73 0.27 -0.72 | 44.49 0.39 -0.62 | 41.92 0.24 -0.86 | 37.52 0.15 -0.68 | 29.68 0.15 -0.10 | 25.65 -0.03 0.00 |
| LINDEN COGEN____ 23786 | 23.19 1.40 0.00 | 22.40 1.01 0.00 | 21.39 0.92 0.00 | 20.31 0.88 0.00 | 20.34 0.88 0.00 | 22.41 0.97 0.00 | 26.76 1.80 0.00 | 29.35 2.15 0.00 | 27.61 2.21 0.00 | 27.05 2.14 0.00 | 27.02 2.19 0.00 | 28.67 2.30 -0.22 | 30.09 2.38 -0.31 | 32.57 2.62 -0.21 | 35.00 2.73 -0.08 | 37.01 2.87 0.00 | 40.96 2.93 0.00 | 48.09 4.25 0.00 | 49.85 4.12 0.00 | 47.26 3.78 0.00 | 44.57 3.75 0.00 | 39.52 2.83 0.00 | 31.67 2.24 0.00 | 27.60 1.93 0.00 |
| LINDHRST_69_KV_BK1 356055 | 23.58 1.79 0.00 | 22.79 1.39 0.00 | 21.72 1.25 0.00 | 20.65 1.22 0.00 | 20.57 1.11 0.00 | 22.86 1.42 0.00 | 26.98 2.02 0.00 | 29.87 2.67 0.00 | 28.04 2.64 0.00 | 27.43 2.52 0.00 | 27.29 2.46 0.00 | 29.06 2.69 -0.22 | 30.50 2.79 -0.31 | 32.84 2.89 -0.21 | 35.16 2.90 -0.08 | 37.18 3.04 0.00 | 41.49 3.46 0.00 | 48.39 4.56 0.00 | 50.44 4.71 0.00 | 47.86 4.30 -0.07 | 44.82 4.00 0.00 | 40.19 3.45 -0.05 | 31.99 2.56 0.00 | 28.45 2.77 0.00 |
| LIPA_MISC_IPP 23656 | 23.40 1.61 0.00 | 22.68 1.28 0.00 | 21.60 1.13 0.00 | 20.56 1.13 0.00 | 20.45 0.99 0.00 | 22.73 1.29 0.00 | 26.76 1.80 0.00 | 30.02 2.77 -0.04 | 27.81 2.41 0.00 | 27.20 2.29 0.00 | 26.97 2.14 0.00 | 28.72 2.35 -0.22 | 30.14 2.44 -0.31 | 32.42 2.47 -0.21 | 34.71 2.45 -0.08 | 36.71 2.56 0.00 | 41.15 3.08 -0.04 | 47.91 4.08 0.00 | 50.07 4.30 -0.04 | 48.83 4.04 -1.30 | 44.69 3.84 -0.04 | 40.80 3.23 -0.87 | 31.58 2.15 0.00 | 28.22 2.54 0.00 |
| LISF____SOLAR 323691 | 23.45 1.66 0.00 | 22.72 1.33 0.00 | 21.47 1.00 0.00 | 20.60 1.17 0.00 | 20.49 1.03 0.00 | 22.77 1.33 0.00 | 26.81 1.85 0.00 | 29.96 2.72 -0.04 | 27.86 2.46 0.00 | 27.25 2.34 0.00 | 26.99 2.16 0.00 | 28.74 2.38 -0.22 | 30.14 2.44 -0.31 | 32.33 2.38 -0.21 | 34.81 2.54 -0.08 | 36.81 2.67 0.00 | 41.26 3.19 -0.04 | 48.39 4.56 0.00 | 50.34 4.57 -0.04 | 49.21 4.44 -1.29 | 45.34 4.49 -0.04 | 40.90 3.34 -0.87 | 31.73 2.30 0.00 | 28.24 2.57 0.00 |
| LITTLE FALLS____HYD 24013 | 22.03 0.24 0.00 | 21.55 0.15 0.00 | 20.61 0.14 0.00 | 19.55 0.12 0.00 | 19.60 0.14 0.00 | 21.59 0.15 0.00 | 25.23 0.27 0.00 | 27.47 0.27 0.00 | 25.65 0.25 0.00 | 25.16 0.25 0.00 | 25.08 0.25 0.00 | 26.40 0.26 0.00 | 27.67 0.27 0.00 | 30.01 0.27 0.00 | 32.47 0.29 0.00 | 34.45 0.31 0.00 | 38.45 0.42 0.00 | 44.54 0.70 0.00 | 46.56 0.82 0.00 | 44.18 0.70 0.00 | 41.43 0.61 0.00 | 37.13 0.44 0.00 | 29.72 0.29 0.00 | 25.93 0.26 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 21.60 -0.20 0.00 | 21.55 0.15 0.00 | 20.66 0.18 0.00 | 19.59 0.16 0.00 | 19.62 0.16 0.00 | 21.61 0.17 0.00 | 24.81 -0.15 0.00 | 27.15 -0.05 0.00 | 25.22 -0.18 0.00 | 24.69 -0.22 0.00 | 24.64 -0.20 0.00 | 25.96 -0.18 0.00 | 27.23 -0.16 0.00 | 29.36 -0.39 0.00 | 31.54 -0.64 0.00 | 33.46 -0.68 0.00 | 37.38 -0.65 0.00 | 41.82 -2.02 0.00 | 43.49 -2.24 0.00 | 41.66 -1.83 0.00 | 39.80 -1.02 0.00 | 35.92 -0.77 0.00 | 29.02 -0.41 0.00 | 25.42 -0.26 0.00 |
| LI_NEWBRDGE___DRP 323616 | 23.19 1.39 0.00 | 22.42 1.03 0.00 | 21.37 0.90 0.00 | 20.30 0.87 0.00 | 20.26 0.80 0.00 | 22.45 1.01 0.00 | 26.58 1.62 0.00 | 29.43 2.23 0.00 | 27.56 2.16 0.00 | 26.98 2.07 0.00 | 26.87 2.04 0.00 | 28.59 2.22 -0.22 | 30.01 2.30 -0.31 | 32.33 2.38 -0.21 | 34.62 2.35 -0.08 | 36.57 2.42 0.00 | 40.77 2.74 0.00 | 47.56 3.73 0.00 | 49.57 3.84 0.00 | 47.09 3.61 0.00 | 44.12 3.31 0.00 | 39.56 2.86 0.00 | 31.46 2.03 0.00 | 27.91 2.23 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 21.84 0.04 0.00 | 21.01 -0.39 0.00 | 20.08 -0.39 0.00 | 19.18 -0.25 0.00 | 19.13 -0.33 0.00 | 21.12 -0.32 0.00 | 24.11 -0.27 0.58 | 25.50 -0.46 1.24 | 24.66 -0.20 0.53 | 24.60 -0.02 0.29 | 24.74 0.20 0.29 | 25.77 0.10 0.47 | 26.17 -0.41 0.82 | 28.10 -0.51 1.14 | 30.65 -0.23 1.31 | 32.29 -0.31 1.55 | 36.12 -0.23 1.68 | 40.74 -0.22 2.88 | 43.85 0.18 2.07 | 41.90 0.17 1.76 | 38.19 -0.16 2.46 | 34.05 -0.70 1.94 | 28.96 -0.18 0.30 | 25.24 -0.44 0.00 |
| LOCKPORT___CC1 323769 | 21.84 0.04 0.00 | 21.03 -0.36 0.00 | 20.16 -0.31 0.00 | 19.18 -0.25 0.00 | 19.15 -0.31 0.00 | 21.12 -0.32 0.00 | 24.09 -0.30 0.57 | 25.50 -0.46 1.24 | 24.64 -0.23 0.53 | 24.60 -0.02 0.28 | 24.74 0.20 0.29 | 25.75 0.08 0.47 | 26.28 -0.30 0.82 | 28.28 -0.33 1.13 | 30.62 -0.26 1.31 | 32.19 -0.41 1.55 | 36.09 -0.26 1.68 | 40.44 -0.52 2.87 | 43.76 0.09 2.06 | 41.91 0.17 1.75 | 38.16 -0.20 2.45 | 33.99 -0.77 1.93 | 28.93 -0.20 0.29 | 25.52 -0.15 0.00 |
| LOCKPORT___CC2 323770 | 21.84 0.04 0.00 | 21.03 -0.36 0.00 | 20.16 -0.31 0.00 | 19.18 -0.25 0.00 | 19.15 -0.31 0.00 | 21.12 -0.32 0.00 | 24.09 -0.30 0.57 | 25.50 -0.46 1.24 | 24.64 -0.23 0.53 | 24.60 -0.02 0.28 | 24.74 0.20 0.29 | 25.75 0.08 0.47 | 26.28 -0.30 0.82 | 28.28 -0.33 1.13 | 30.62 -0.26 1.31 | 32.19 -0.41 1.55 | 36.09 -0.26 1.68 | 40.44 -0.52 2.87 | 43.76 0.09 2.06 | 41.91 0.17 1.75 | 38.16 -0.20 2.45 | 33.99 -0.77 1.93 | 28.93 -0.20 0.29 | 25.52 -0.15 0.00 |
| LOCKPORT___CC3 323771 | 21.84 0.04 0.00 | 21.03 -0.36 0.00 | 20.16 -0.31 0.00 | 19.18 -0.25 0.00 | 19.15 -0.31 0.00 | 21.12 -0.32 0.00 | 24.09 -0.30 0.57 | 25.50 -0.46 1.24 | 24.64 -0.23 0.53 | 24.60 -0.02 0.28 | 24.74 0.20 0.29 | 25.75 0.08 0.47 | 26.28 -0.30 0.82 | 28.28 -0.33 1.13 | 30.62 -0.26 1.31 | 32.19 -0.41 1.55 | 36.09 -0.26 1.68 | 40.44 -0.52 2.87 | 43.76 0.09 2.06 | 41.91 0.17 1.75 | 38.16 -0.20 2.45 | 33.99 -0.77 1.93 | 28.93 -0.20 0.29 | 25.52 -0.15 0.00 |
| LONG_LAKE_PHOENIX 24014 | 21.55 -0.24 0.00 | 21.01 -0.39 0.00 | 20.08 -0.39 0.00 | 19.06 -0.37 0.00 | 19.09 -0.37 0.00 | 21.08 -0.36 0.00 | 25.13 -0.25 -0.42 | 27.90 -0.22 -0.91 | 25.61 -0.18 -0.39 | 24.97 -0.15 -0.21 | 24.90 -0.15 -0.21 | 26.36 -0.13 -0.35 | 27.83 -0.16 -0.60 | 30.46 -0.12 -0.84 | 33.05 -0.10 -0.97 | 35.19 -0.10 -1.14 | 39.12 -0.15 -1.24 | 46.04 0.09 -2.12 | 47.39 0.14 -1.52 | 44.95 0.17 -1.30 | 42.67 0.04 -1.81 | 38.01 -0.11 -1.43 | 29.62 -0.03 -0.22 | 25.52 -0.15 0.00 |
| LOVETT___3 23632 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.35 0.88 0.00 | 20.25 0.82 0.00 | 20.28 0.82 0.00 | 22.36 0.92 0.00 | 26.63 1.67 0.00 | 29.13 1.93 0.00 | 27.33 1.93 0.00 | 26.78 1.87 0.00 | 26.70 1.86 0.00 | 28.31 1.96 -0.21 | 29.72 2.03 -0.29 | 32.17 2.23 -0.20 | 34.51 2.25 -0.08 | 36.47 2.32 0.00 | 40.58 2.55 0.00 | 47.52 3.68 0.00 | 49.39 3.66 0.00 | 46.83 3.35 0.00 | 43.88 3.06 0.00 | 39.12 2.42 0.00 | 31.37 1.94 0.00 | 27.47 1.80 0.00 |
| LOVETT___4 23642 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.35 0.88 0.00 | 20.25 0.82 0.00 | 20.28 0.82 0.00 | 22.36 0.92 0.00 | 26.63 1.67 0.00 | 29.13 1.93 0.00 | 27.33 1.93 0.00 | 26.78 1.87 0.00 | 26.70 1.86 0.00 | 28.31 1.96 -0.21 | 29.72 2.03 -0.29 | 32.17 2.23 -0.20 | 34.51 2.25 -0.08 | 36.47 2.32 0.00 | 40.58 2.55 0.00 | 47.52 3.68 0.00 | 49.39 3.66 0.00 | 46.83 3.35 0.00 | 43.88 3.06 0.00 | 39.12 2.42 0.00 | 31.37 1.94 0.00 | 27.47 1.80 0.00 |
| LOVETT___5 23593 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.35 0.88 0.00 | 20.25 0.82 0.00 | 20.28 0.82 0.00 | 22.36 0.92 0.00 | 26.63 1.67 0.00 | 29.13 1.93 0.00 | 27.33 1.93 0.00 | 26.78 1.87 0.00 | 26.70 1.86 0.00 | 28.31 1.96 -0.21 | 29.72 2.03 -0.29 | 32.17 2.23 -0.20 | 34.51 2.25 -0.08 | 36.47 2.32 0.00 | 40.58 2.55 0.00 | 47.52 3.68 0.00 | 49.39 3.66 0.00 | 46.83 3.35 0.00 | 43.88 3.06 0.00 | 39.12 2.42 0.00 | 31.37 1.94 0.00 | 27.47 1.80 0.00 |
| LOWER RAQUET___HYD 24057 | 21.44 -0.35 0.00 | 21.40 0.00 0.00 | 20.49 0.02 0.00 | 19.45 0.02 0.00 | 19.48 0.02 0.00 | 21.44 0.00 0.00 | 24.63 -0.33 0.00 | 26.96 -0.25 0.00 | 25.10 -0.30 0.00 | 24.56 -0.35 0.00 | 24.51 -0.32 0.00 | 25.80 -0.34 0.00 | 27.07 -0.33 0.00 | 29.15 -0.59 0.00 | 31.25 -0.93 0.00 | 33.12 -1.02 0.00 | 37.04 -0.99 0.00 | 41.38 -2.45 0.00 | 42.99 -2.74 0.00 | 41.18 -2.31 0.00 | 38.61 -2.20 0.00 | 35.48 -1.21 0.00 | 28.75 -0.68 0.00 | 25.21 -0.46 0.00 |
| LOWER___HUDSON 24059 | 22.64 0.85 0.00 | 22.04 0.64 0.00 | 21.09 0.61 0.00 | 20.03 0.60 0.00 | 20.06 0.60 0.00 | 22.13 0.69 0.00 | 25.91 0.95 0.00 | 28.07 0.87 0.00 | 26.14 0.74 0.00 | 25.56 0.65 0.00 | 25.46 0.62 0.00 | 26.60 0.63 0.16 | 27.86 0.69 0.22 | 30.34 0.74 0.15 | 32.93 0.80 0.06 | 35.10 0.95 0.00 | 39.13 1.10 0.00 | 45.68 1.84 0.00 | 47.74 2.01 0.00 | 45.31 1.83 0.00 | 42.65 1.84 0.00 | 38.01 1.32 0.00 | 30.40 0.97 0.00 | 26.55 0.87 0.00 |
| LOWVILLE_115KV_TB2 356335 | 21.97 0.17 0.00 | 21.57 0.17 0.00 | 20.82 0.35 0.00 | 19.74 0.31 0.00 | 19.81 0.35 0.00 | 21.68 0.24 0.00 | 25.28 0.32 0.00 | 27.94 0.73 0.00 | 25.98 0.58 0.00 | 25.38 0.47 0.00 | 25.26 0.42 0.00 | 26.61 0.47 0.00 | 27.92 0.52 0.00 | 30.31 0.57 0.00 | 32.79 0.61 0.00 | 34.86 0.72 0.00 | 38.98 0.95 0.00 | 44.93 1.10 0.00 | 47.06 1.33 0.00 | 44.92 1.43 0.00 | 41.75 0.94 0.00 | 37.24 0.55 0.00 | 29.72 0.29 0.00 | 25.86 0.18 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 22.95 1.15 0.00 | 22.34 0.94 0.00 | 21.41 0.94 0.00 | 20.30 0.87 0.00 | 20.34 0.88 0.00 | 22.45 1.01 0.00 | 26.13 1.17 0.00 | 28.34 1.14 0.00 | 26.39 0.99 0.00 | 25.86 0.95 0.00 | 25.73 0.89 0.00 | 26.90 0.89 0.13 | 28.24 1.01 0.17 | 30.73 1.10 0.12 | 33.33 1.19 0.05 | 35.55 1.40 0.00 | 39.66 1.64 0.00 | 46.29 2.45 0.00 | 48.38 2.65 0.00 | 45.96 2.48 0.00 | 43.06 2.24 0.00 | 38.42 1.72 0.00 | 30.78 1.35 0.00 | 26.93 1.26 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 22.97 1.18 0.00 | 22.36 0.96 0.00 | 21.41 0.94 0.00 | 20.32 0.89 0.00 | 20.34 0.88 0.00 | 22.47 1.03 0.00 | 26.16 1.20 0.00 | 28.34 1.14 0.00 | 26.39 0.99 0.00 | 25.86 0.95 0.00 | 25.75 0.92 0.00 | 26.90 0.89 0.13 | 28.26 1.04 0.17 | 30.76 1.13 0.12 | 33.33 1.19 0.05 | 35.55 1.40 0.00 | 39.70 1.67 0.00 | 46.33 2.50 0.00 | 48.43 2.70 0.00 | 45.96 2.48 0.00 | 43.10 2.29 0.00 | 38.42 1.72 0.00 | 30.81 1.38 0.00 | 26.96 1.28 0.00 |

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| LWR___OSWEGATCHIE_HYD 23850 | 21.66 -0.13 0.00 | 21.42 0.02 0.00 | 20.57 0.10 0.00 | 19.53 0.10 0.00 | 19.58 0.12 0.00 | 21.51 0.06 0.00 | 24.88 -0.07 0.00 | 27.28 0.08 0.00 | 25.37 -0.03 0.00 | 24.81 -0.10 0.00 | 24.71 -0.12 0.00 | 26.01 -0.13 0.00 | 27.31 -0.08 0.00 | 29.51 -0.24 0.00 | 31.76 -0.42 0.00 | 33.74 -0.41 0.00 | 37.69 -0.34 0.00 | 43.00 -0.83 0.00 | 44.91 -0.82 0.00 | 42.96 -0.52 0.00 | 40.45 -0.37 0.00 | 36.29 -0.40 0.00 | 29.20 -0.24 0.00 | 25.50 -0.18 0.00 |
| LYONS_FALL_HYD 23570 | 22.12 0.33 0.00 | 21.67 0.28 0.00 | 20.86 0.39 0.00 | 19.78 0.35 0.00 | 19.83 0.37 0.00 | 21.76 0.32 0.00 | 25.41 0.45 0.00 | 27.96 0.76 0.00 | 26.03 0.64 0.00 | 25.48 0.57 0.00 | 25.36 0.52 0.00 | 26.74 0.60 0.00 | 28.05 0.66 0.00 | 30.46 0.71 0.00 | 32.99 0.80 0.00 | 35.03 0.89 0.00 | 39.17 1.14 0.00 | 45.24 1.40 0.00 | 47.38 1.64 0.00 | 45.09 1.61 0.00 | 42.00 1.18 0.00 | 37.54 0.84 0.00 | 29.99 0.56 0.00 | 26.11 0.44 0.00 |
| MADISON___COUNTY_LFGE 323628 | 22.45 0.65 0.00 | 21.91 0.51 0.00 | 20.96 0.49 0.00 | 19.88 0.45 0.00 | 19.93 0.47 0.00 | 21.98 0.54 0.00 | 25.59 0.77 0.15 | 27.81 0.92 0.32 | 26.10 0.84 0.14 | 25.63 0.80 0.07 | 25.56 0.79 0.07 | 26.88 0.86 0.12 | 28.15 0.96 0.21 | 30.50 1.04 0.29 | 33.04 1.19 0.34 | 35.05 1.30 0.40 | 39.20 1.60 0.43 | 45.25 2.15 0.74 | 47.58 2.38 0.53 | 45.30 2.26 0.45 | 42.15 1.96 0.63 | 37.74 1.54 0.50 | 30.50 1.15 0.08 | 26.57 0.90 0.00 |
| MALONE___115KV_TB1 356076 | 21.68 -0.11 0.00 | 21.61 0.21 0.00 | 20.66 0.18 0.00 | 19.59 0.16 0.00 | 19.62 0.16 0.00 | 21.61 0.17 0.00 | 24.86 -0.10 0.00 | 27.28 0.08 0.00 | 25.42 0.03 0.00 | 24.93 0.02 0.00 | 24.83 0.00 0.00 | 26.19 0.05 0.00 | 27.48 0.08 0.00 | 29.60 -0.15 0.00 | 31.93 -0.26 0.00 | 33.84 -0.31 0.00 | 38.03 0.00 0.00 | 42.56 -1.27 0.00 | 43.90 -1.83 0.00 | 42.22 -1.26 0.00 | 39.67 -1.14 0.00 | 35.81 -0.88 0.00 | 28.96 -0.47 0.00 | 25.26 -0.41 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 22.53 0.74 0.00 | 21.97 0.58 0.00 | 21.00 0.53 0.00 | 19.97 0.54 0.00 | 19.99 0.53 0.00 | 22.02 0.58 0.00 | 25.83 0.87 0.00 | 27.91 0.71 0.00 | 25.98 0.58 0.00 | 25.48 0.57 0.00 | 25.36 0.52 0.00 | 26.53 0.52 0.13 | 27.85 0.63 0.18 | 30.31 0.68 0.12 | 32.91 0.77 0.05 | 35.03 0.89 0.00 | 39.09 1.06 0.00 | 45.55 1.71 0.00 | 47.61 1.88 0.00 | 45.18 1.70 0.00 | 42.37 1.55 0.00 | 37.87 1.17 0.00 | 30.25 0.82 0.00 | 26.45 0.77 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 21.53 -0.26 0.00 | 21.20 -0.19 0.00 | 20.29 -0.18 0.00 | 19.24 -0.19 0.00 | 19.25 -0.21 0.00 | 21.16 -0.28 0.00 | 24.51 -0.45 0.00 | 26.74 -0.46 0.00 | 25.02 -0.38 0.00 | 24.61 -0.30 0.00 | 24.54 -0.30 0.00 | 25.83 -0.31 0.00 | 27.04 -0.36 0.00 | 29.30 -0.45 0.00 | 31.70 -0.48 0.00 | 33.60 -0.55 0.00 | 37.42 -0.61 0.00 | 42.87 -0.96 0.00 | 44.68 -1.05 0.00 | 42.53 -0.96 0.00 | 39.75 -1.06 0.00 | 35.81 -0.88 0.00 | 28.67 -0.77 0.00 | 25.01 -0.67 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 21.53 -0.26 0.00 | 21.20 -0.19 0.00 | 20.29 -0.18 0.00 | 19.24 -0.19 0.00 | 19.25 -0.21 0.00 | 21.16 -0.28 0.00 | 24.51 -0.45 0.00 | 26.74 -0.46 0.00 | 25.02 -0.38 0.00 | 24.61 -0.30 0.00 | 24.54 -0.30 0.00 | 25.83 -0.31 0.00 | 27.04 -0.36 0.00 | 29.30 -0.45 0.00 | 31.70 -0.48 0.00 | 33.60 -0.55 0.00 | 37.42 -0.61 0.00 | 42.87 -0.96 0.00 | 44.68 -1.05 0.00 | 42.53 -0.96 0.00 | 39.75 -1.06 0.00 | 35.81 -0.88 0.00 | 28.67 -0.77 0.00 | 25.01 -0.67 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 21.64 -0.15 0.00 | 21.50 0.11 0.00 | 20.51 0.04 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.44 0.00 0.00 | 24.66 -0.30 0.00 | 27.07 -0.14 0.00 | 25.27 -0.13 0.00 | 24.81 -0.10 0.00 | 24.69 -0.15 0.00 | 26.09 -0.05 0.00 | 27.34 -0.05 0.00 | 29.48 -0.27 0.00 | 31.83 -0.35 0.00 | 33.74 -0.41 0.00 | 37.88 -0.15 0.00 | 42.35 -1.49 0.00 | 43.49 -2.24 0.00 | 41.74 -1.74 0.00 | 38.86 -1.96 0.00 | 35.48 -1.21 0.00 | 28.75 -0.68 0.00 | 25.01 -0.67 0.00 |
| MARSHVLE_115KV_TB1 80742 | 23.67 1.87 0.00 | 23.13 1.73 0.00 | 22.09 1.62 0.00 | 20.95 1.52 0.00 | 20.98 1.52 0.00 | 23.28 1.84 0.00 | 27.46 2.50 0.00 | 29.89 2.69 0.00 | 27.74 2.34 0.00 | 27.03 2.12 0.00 | 26.92 2.09 0.05 | 28.18 2.09 0.07 | 29.60 2.27 0.05 | 32.17 2.47 0.05 | 35.03 2.86 0.02 | 37.42 3.28 0.00 | 41.98 3.96 0.00 | 49.45 5.61 0.00 | 52.00 6.27 0.00 | 49.44 5.96 0.00 | 46.20 5.39 0.00 | 40.95 4.26 0.00 | 32.82 3.38 0.00 | 28.55 2.88 0.00 |
| MARSH_HILL_WT_PWR 323713 | 22.38 0.59 0.00 | 21.53 0.13 0.00 | 20.55 0.08 0.00 | 19.51 0.08 0.00 | 19.52 0.06 0.00 | 21.59 0.15 0.00 | 24.82 0.25 0.39 | 26.82 0.46 0.84 | 25.67 0.64 0.36 | 25.49 0.77 0.19 | 25.58 0.94 0.20 | 26.73 0.91 0.32 | 27.47 0.63 0.56 | 29.74 0.77 0.77 | 32.26 0.96 0.89 | 33.88 0.79 1.06 | 37.80 0.91 1.14 | 43.06 1.18 1.95 | 46.11 1.78 1.40 | 44.20 1.91 1.19 | 40.53 1.39 1.67 | 35.89 0.51 1.32 | 29.79 0.56 0.20 | 26.14 0.46 0.00 |
| MCINTYRE_115KV_TB2 80467 | 21.66 -0.13 0.00 | 21.63 0.24 0.00 | 20.72 0.25 0.00 | 19.66 0.23 0.00 | 19.69 0.23 0.00 | 21.70 0.26 0.00 | 24.86 -0.10 0.00 | 27.17 -0.03 0.00 | 25.22 -0.18 0.00 | 24.66 -0.25 0.00 | 24.61 -0.22 0.00 | 25.93 -0.21 0.00 | 27.20 -0.19 0.00 | 29.36 -0.39 0.00 | 31.64 -0.55 0.00 | 33.57 -0.58 0.00 | 37.54 -0.49 0.00 | 41.99 -1.84 0.00 | 43.72 -2.01 0.00 | 41.92 -1.57 0.00 | 40.04 -0.78 0.00 | 36.18 -0.51 0.00 | 29.14 -0.29 0.00 | 25.52 -0.15 0.00 |
| MECO____69_KV_BK1 80468 | 24.60 2.81 0.00 | 24.05 2.65 0.00 | 22.93 2.46 0.00 | 21.72 2.29 0.00 | 21.74 2.28 0.00 | 24.21 2.77 0.00 | 28.53 3.57 0.00 | 30.90 3.70 0.00 | 28.55 3.15 0.00 | 27.72 2.81 0.00 | 27.57 2.73 0.00 | 28.96 2.88 0.06 | 30.49 3.18 0.08 | 33.17 3.48 0.05 | 36.25 4.09 0.02 | 38.99 4.85 0.00 | 43.89 5.86 0.00 | 52.30 8.46 0.00 | 55.06 9.33 0.00 | 52.27 8.78 0.00 | 48.82 8.00 0.00 | 43.04 6.35 0.00 | 34.40 4.97 0.00 | 29.94 4.26 0.00 |
| MENANDS__115KV_TB5 355628 | 22.45 0.65 0.00 | 21.89 0.49 0.00 | 20.94 0.47 0.00 | 19.90 0.47 0.00 | 19.93 0.47 0.00 | 21.93 0.49 0.00 | 25.73 0.77 0.00 | 27.77 0.57 0.00 | 25.86 0.46 0.00 | 25.36 0.45 0.00 | 25.23 0.40 0.00 | 26.40 0.39 0.13 | 27.69 0.47 0.17 | 30.16 0.54 0.12 | 32.72 0.58 0.05 | 34.83 0.68 0.00 | 38.87 0.84 0.00 | 45.28 1.45 0.00 | 47.29 1.55 0.00 | 44.88 1.39 0.00 | 42.12 1.31 0.00 | 37.61 0.92 0.00 | 30.08 0.65 0.00 | 26.29 0.62 0.00 |
| MG INDUSTRY___DRP 24185 | 22.45 0.65 0.00 | 21.91 0.51 0.00 | 20.96 0.49 0.00 | 19.92 0.49 0.00 | 19.93 0.47 0.00 | 21.96 0.51 0.00 | 25.68 0.72 0.00 | 27.77 0.57 0.00 | 25.83 0.43 0.00 | 25.28 0.37 0.00 | 25.13 0.30 0.00 | 26.36 0.29 0.06 | 27.67 0.36 0.09 | 30.10 0.42 0.06 | 32.64 0.48 0.02 | 34.73 0.58 0.00 | 38.75 0.72 0.00 | 45.15 1.32 0.00 | 47.20 1.46 0.00 | 44.83 1.35 0.00 | 42.08 1.27 0.00 | 37.65 0.95 0.00 | 30.14 0.71 0.00 | 26.37 0.69 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 21.66 -0.13 0.00 | 21.42 0.02 0.00 | 20.57 0.10 0.00 | 19.53 0.10 0.00 | 19.58 0.12 0.00 | 21.51 0.06 0.00 | 24.88 -0.07 0.00 | 27.28 0.08 0.00 | 25.37 -0.03 0.00 | 24.81 -0.10 0.00 | 24.71 -0.12 0.00 | 26.01 -0.13 0.00 | 27.31 -0.08 0.00 | 29.51 -0.24 0.00 | 31.76 -0.42 0.00 | 33.74 -0.41 0.00 | 37.69 -0.34 0.00 | 43.00 -0.83 0.00 | 44.91 -0.82 0.00 | 42.96 -0.52 0.00 | 40.45 -0.37 0.00 | 36.29 -0.40 0.00 | 29.20 -0.24 0.00 | 25.50 -0.18 0.00 |

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| MID___RAQUETTE_HYD 23851 | 21.44 -0.35 0.00 | 21.40 0.00 0.00 | 20.49 0.02 0.00 | 19.45 0.02 0.00 | 19.48 0.02 0.00 | 21.44 0.00 0.00 | 24.64 -0.32 0.00 | 26.96 -0.24 0.00 | 25.09 -0.30 0.00 | 24.56 -0.35 0.00 | 24.51 -0.32 0.00 | 25.80 -0.34 0.00 | 27.09 -0.30 0.00 | 29.15 -0.59 0.00 | 31.25 -0.93 0.00 | 33.12 -1.02 0.00 | 37.04 -0.99 0.00 | 41.38 -2.45 0.00 | 42.99 -2.74 0.00 | 41.18 -2.30 0.00 | 39.31 -1.51 0.00 | 35.48 -1.21 0.00 | 28.75 -0.68 0.00 | 25.21 -0.46 0.00 |
| MILLIKEN___1 23584 | 22.42 0.63 0.00 | 21.80 0.41 0.00 | 20.80 0.33 0.00 | 19.72 0.29 0.00 | 19.79 0.33 0.00 | 21.87 0.43 0.00 | 25.61 0.77 0.13 | 27.85 0.92 0.27 | 26.12 0.84 0.12 | 25.64 0.80 0.06 | 25.54 0.77 0.06 | 26.87 0.84 0.10 | 28.07 0.85 0.18 | 30.45 0.95 0.25 | 33.05 1.16 0.29 | 35.03 1.23 0.34 | 39.18 1.52 0.37 | 45.39 2.19 0.64 | 47.75 2.47 0.46 | 45.53 2.44 0.39 | 42.44 2.16 0.54 | 37.92 1.65 0.43 | 30.69 1.32 0.07 | 26.60 0.92 0.00 |
| MILLIKEN___2 23585 | 22.42 0.63 0.00 | 21.80 0.41 0.00 | 20.80 0.33 0.00 | 19.72 0.29 0.00 | 19.79 0.33 0.00 | 21.87 0.43 0.00 | 25.61 0.77 0.13 | 27.85 0.92 0.27 | 26.12 0.84 0.12 | 25.64 0.80 0.06 | 25.54 0.77 0.06 | 26.87 0.84 0.10 | 28.07 0.85 0.18 | 30.45 0.95 0.25 | 33.05 1.16 0.29 | 35.03 1.23 0.34 | 39.18 1.52 0.37 | 45.39 2.19 0.64 | 47.75 2.47 0.46 | 45.53 2.44 0.39 | 42.44 2.16 0.54 | 37.92 1.65 0.43 | 30.69 1.32 0.07 | 26.60 0.92 0.00 |
| MILLIKEN___DIESEL 23629 | 22.42 0.63 0.00 | 21.80 0.41 0.00 | 20.80 0.33 0.00 | 19.72 0.29 0.00 | 19.79 0.33 0.00 | 21.87 0.43 0.00 | 25.61 0.77 0.13 | 27.85 0.92 0.27 | 26.12 0.84 0.12 | 25.64 0.80 0.06 | 25.54 0.77 0.06 | 26.87 0.84 0.10 | 28.07 0.85 0.18 | 30.45 0.95 0.25 | 33.05 1.16 0.29 | 35.03 1.23 0.34 | 39.18 1.52 0.37 | 45.39 2.19 0.64 | 47.75 2.47 0.46 | 45.53 2.44 0.39 | 42.44 2.16 0.54 | 37.92 1.65 0.43 | 30.69 1.32 0.07 | 26.60 0.92 0.00 |
| MILLSEAT___LFGE 323607 | 22.12 0.33 0.00 | 21.29 -0.11 0.00 | 20.41 -0.06 0.00 | 19.43 0.00 0.00 | 19.36 -0.10 0.00 | 21.40 -0.04 0.00 | 24.50 0.13 0.58 | 26.03 0.08 1.26 | 25.11 0.25 0.54 | 25.02 0.40 0.29 | 25.16 0.62 0.29 | 26.19 0.52 0.48 | 26.76 0.19 0.83 | 28.83 0.24 1.15 | 31.21 0.35 1.33 | 32.91 0.34 1.57 | 36.90 0.57 1.71 | 41.49 0.57 2.91 | 44.88 1.24 2.09 | 42.88 1.17 1.78 | 39.18 0.86 2.49 | 34.88 0.15 1.97 | 29.54 0.41 0.30 | 25.96 0.28 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 23.12 1.33 0.00 | 22.38 0.98 0.00 | 21.41 0.94 0.00 | 20.30 0.87 0.00 | 20.32 0.86 0.00 | 22.41 0.96 0.00 | 26.68 1.72 0.00 | 29.19 1.99 0.00 | 27.38 1.98 0.00 | 26.80 1.89 0.00 | 26.75 1.91 0.00 | 28.38 2.01 -0.22 | 29.81 2.11 -0.31 | 32.27 2.32 -0.21 | 34.68 2.41 -0.08 | 36.64 2.49 0.00 | 40.77 2.74 0.00 | 47.74 3.90 0.00 | 49.62 3.89 0.00 | 47.05 3.57 0.00 | 44.12 3.31 0.00 | 39.30 2.61 0.00 | 31.49 2.06 0.00 | 27.58 1.90 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 23.19 1.39 0.00 | 22.42 1.03 0.00 | 21.47 1.00 0.00 | 20.34 0.91 0.00 | 20.36 0.90 0.00 | 22.45 1.01 0.00 | 26.73 1.77 0.00 | 29.24 2.04 0.00 | 27.43 2.03 0.00 | 26.88 1.97 0.00 | 26.82 1.99 0.00 | 28.45 2.09 -0.22 | 29.92 2.22 -0.31 | 32.39 2.44 -0.21 | 34.81 2.54 -0.08 | 36.81 2.66 0.00 | 40.96 2.93 0.00 | 47.96 4.12 0.00 | 49.85 4.12 0.00 | 47.27 3.78 0.00 | 44.29 3.47 0.00 | 39.45 2.75 0.00 | 31.58 2.15 0.00 | 27.65 1.98 0.00 |
| MODEL_CITY_ENERGY 24167 | 21.60 -0.20 0.00 | 20.80 -0.60 0.00 | 19.96 -0.51 0.00 | 18.98 -0.45 0.00 | 18.95 -0.51 0.00 | 20.91 -0.54 0.00 | 23.84 -0.55 0.57 | 25.21 -0.76 1.23 | 24.39 -0.48 0.53 | 24.35 -0.27 0.28 | 24.47 -0.07 0.29 | 25.49 -0.18 0.47 | 26.01 -0.58 0.81 | 27.96 -0.65 1.13 | 30.27 -0.61 1.30 | 31.78 -0.82 1.54 | 35.56 -0.80 1.67 | 39.88 -1.09 2.86 | 43.18 -0.50 2.05 | 41.30 -0.43 1.75 | 37.64 -0.73 2.44 | 33.52 -1.25 1.93 | 28.61 -0.53 0.29 | 25.21 -0.46 0.00 |
| MODERN_LFGE___ 323580 | 21.60 -0.20 0.00 | 20.80 -0.60 0.00 | 19.96 -0.51 0.00 | 18.98 -0.45 0.00 | 18.95 -0.51 0.00 | 20.91 -0.54 0.00 | 23.84 -0.55 0.57 | 25.21 -0.76 1.23 | 24.39 -0.48 0.53 | 24.35 -0.27 0.28 | 24.47 -0.07 0.29 | 25.49 -0.18 0.47 | 26.01 -0.58 0.81 | 27.96 -0.65 1.13 | 30.27 -0.61 1.30 | 31.78 -0.82 1.54 | 35.56 -0.80 1.67 | 39.88 -1.09 2.86 | 43.18 -0.50 2.05 | 41.30 -0.43 1.75 | 37.64 -0.73 2.44 | 33.52 -1.25 1.93 | 28.61 -0.53 0.29 | 25.21 -0.46 0.00 |
| MOHAWK_PAPER___DRP 24187 | 22.53 0.74 0.00 | 21.97 0.58 0.00 | 21.00 0.53 0.00 | 19.97 0.54 0.00 | 19.99 0.53 0.00 | 22.02 0.58 0.00 | 25.83 0.87 0.00 | 27.91 0.71 0.00 | 25.98 0.58 0.00 | 25.48 0.57 0.00 | 25.36 0.52 0.00 | 26.53 0.52 0.13 | 27.85 0.63 0.18 | 30.31 0.68 0.12 | 32.91 0.77 0.05 | 35.03 0.89 0.00 | 39.09 1.06 0.00 | 45.55 1.71 0.00 | 47.61 1.88 0.00 | 45.18 1.70 0.00 | 42.37 1.55 0.00 | 37.87 1.17 0.00 | 30.25 0.82 0.00 | 26.45 0.77 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 23.14 1.35 0.00 | 22.51 1.11 0.00 | 21.62 1.15 0.00 | 20.52 1.09 0.00 | 20.53 1.07 0.00 | 22.71 1.27 0.00 | 26.13 1.17 0.00 | 28.32 1.12 0.00 | 26.31 0.91 0.00 | 25.78 0.87 0.00 | 25.68 0.84 0.00 | 26.75 0.73 0.12 | 28.13 0.90 0.17 | 30.55 0.92 0.12 | 33.04 0.90 0.05 | 35.31 1.16 0.00 | 39.44 1.41 0.00 | 46.16 2.32 0.00 | 48.29 2.56 0.00 | 45.83 2.35 0.00 | 42.94 2.12 0.00 | 38.20 1.50 0.00 | 30.73 1.29 0.00 | 26.88 1.21 0.00 |
| MONGAUP___HYD 23641 | 22.90 1.11 0.00 | 22.14 0.75 0.00 | 21.17 0.70 0.00 | 20.09 0.66 0.00 | 20.10 0.64 0.00 | 22.15 0.71 0.00 | 26.53 1.57 0.00 | 28.97 1.77 0.00 | 27.07 1.68 0.00 | 26.43 1.52 0.00 | 26.32 1.49 0.00 | 27.85 1.52 -0.20 | 29.25 1.59 -0.27 | 31.68 1.75 -0.18 | 34.15 1.90 -0.07 | 36.23 2.08 0.00 | 40.12 2.09 0.00 | 47.17 3.33 0.00 | 48.48 2.74 0.00 | 46.00 2.52 0.00 | 43.67 2.86 0.00 | 38.97 2.28 0.00 | 31.32 1.89 0.00 | 27.42 1.75 0.00 |
| MONTAUK___DIESEL 23721 | 24.06 2.27 0.00 | 23.32 1.93 0.00 | 22.17 1.70 0.00 | 21.12 1.69 0.00 | 20.96 1.50 0.00 | 23.31 1.87 0.00 | 27.33 2.37 0.00 | 30.70 3.45 -0.04 | 28.40 3.00 0.00 | 27.70 2.79 0.00 | 27.37 2.53 0.00 | 29.08 2.72 -0.22 | 30.39 2.68 -0.31 | 32.60 2.65 -0.21 | 34.84 2.57 -0.08 | 36.81 2.66 0.00 | 41.30 3.23 -0.04 | 48.04 4.21 0.00 | 50.16 4.39 -0.04 | 48.87 4.09 -1.30 | 44.65 3.80 -0.04 | 40.72 3.16 -0.87 | 31.34 1.91 0.00 | 28.01 2.34 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 22.71 0.92 0.00 | 21.70 0.30 0.00 | 20.57 0.10 0.00 | 19.60 0.17 0.00 | 19.58 0.12 0.00 | 21.63 0.19 0.00 | 24.52 0.07 0.51 | 26.52 0.44 1.11 | 25.61 0.69 0.48 | 25.60 0.95 0.26 | 25.89 1.32 0.26 | 26.95 1.23 0.42 | 27.26 0.60 0.73 | 29.47 0.74 1.02 | 32.20 1.19 1.18 | 33.98 1.23 1.39 | 37.89 1.37 1.51 | 42.83 1.58 2.58 | 45.98 2.10 1.85 | 44.08 2.17 1.58 | 40.16 1.55 2.21 | 35.65 0.70 1.74 | 29.87 0.71 0.27 | 26.09 0.41 0.00 |
| MORTIMER_115KV_TB3 55949 | 21.92 0.13 0.00 | 21.20 -0.19 0.00 | 20.27 -0.20 0.00 | 19.29 -0.14 0.00 | 19.27 -0.19 0.00 | 21.29 -0.15 0.00 | 24.55 0.20 0.61 | 26.11 0.24 1.33 | 25.16 0.33 0.57 | 25.05 0.45 0.31 | 25.12 0.60 0.31 | 26.21 0.58 0.51 | 26.85 0.33 0.88 | 28.88 0.36 1.22 | 31.36 0.58 1.41 | 33.20 0.72 1.67 | 37.02 0.80 1.81 | 41.80 1.05 3.09 | 44.84 1.33 2.22 | 42.82 1.22 1.89 | 39.16 0.98 2.64 | 35.05 0.44 2.08 | 29.61 0.50 0.32 | 25.65 -0.03 0.00 |

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| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.52 1.04 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.66 2.26 0.00 | 27.08 2.17 0.00 | 27.02 2.19 0.00 | 28.66 2.30 -0.22 | 30.12 2.41 -0.31 | 32.63 2.68 -0.21 | 35.03 2.77 -0.08 | 36.98 2.83 0.00 | 41.11 3.08 0.00 | 48.13 4.30 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.45 3.63 0.00 | 39.63 2.94 0.00 | 31.76 2.33 0.00 | 27.81 2.13 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 23.69 1.89 0.00 | 22.96 1.56 0.00 | 21.88 1.41 0.00 | 20.71 1.28 0.00 | 20.78 1.32 0.00 | 22.99 1.54 0.00 | 26.87 2.05 0.13 | 29.27 2.37 0.29 | 27.38 2.11 0.13 | 26.81 1.97 0.07 | 26.63 1.86 0.07 | 28.18 2.12 0.08 | 29.57 2.33 0.15 | 32.06 2.56 0.24 | 34.81 2.93 0.30 | 37.09 3.31 0.36 | 41.74 4.11 0.40 | 48.59 5.43 0.68 | 51.28 6.04 0.49 | 48.90 5.83 0.41 | 45.50 5.27 0.58 | 40.42 4.18 0.46 | 32.57 3.21 0.07 | 28.30 2.62 0.00 |
| N SALMON___HYD 24042 | 21.68 -0.11 0.00 | 21.61 0.21 0.00 | 20.63 0.16 0.00 | 19.58 0.15 0.00 | 19.62 0.15 0.00 | 21.61 0.17 0.00 | 24.86 -0.10 0.00 | 27.28 0.08 0.00 | 25.42 0.03 0.00 | 24.93 0.02 0.00 | 24.83 0.00 0.00 | 26.19 0.05 0.00 | 27.48 0.08 0.00 | 29.57 -0.18 0.00 | 31.92 -0.26 0.00 | 33.84 -0.31 0.00 | 38.03 0.00 0.00 | 42.61 -1.23 0.00 | 43.90 -1.83 0.00 | 42.22 -1.26 0.00 | 39.31 -1.51 0.00 | 35.85 -0.84 0.00 | 28.96 -0.47 0.00 | 25.24 -0.44 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 22.12 0.33 0.00 | 21.29 -0.11 0.00 | 20.35 -0.12 0.00 | 19.43 0.00 0.00 | 19.38 -0.08 0.00 | 21.42 -0.02 0.00 | 24.53 0.15 0.58 | 26.06 0.11 1.25 | 25.14 0.28 0.54 | 25.04 0.42 0.29 | 25.19 0.65 0.29 | 26.21 0.55 0.48 | 26.65 0.08 0.83 | 28.66 0.06 1.15 | 31.21 0.35 1.32 | 32.99 0.41 1.57 | 36.94 0.61 1.70 | 41.76 0.83 2.91 | 44.93 1.28 2.09 | 42.93 1.22 1.78 | 39.19 0.86 2.49 | 34.92 0.18 1.96 | 29.54 0.41 0.30 | 25.70 0.03 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 23.36 1.57 0.00 | 22.57 1.18 0.00 | 21.54 1.06 0.00 | 20.46 1.03 0.00 | 20.39 0.93 0.00 | 22.62 1.18 0.00 | 26.78 1.82 0.00 | 29.62 2.42 0.00 | 27.76 2.36 0.00 | 27.18 2.27 0.00 | 27.07 2.24 0.00 | 28.82 2.46 -0.22 | 30.25 2.55 -0.31 | 32.60 2.65 -0.21 | 34.84 2.57 -0.08 | 36.84 2.70 0.00 | 41.07 3.04 0.00 | 47.87 4.03 0.00 | 49.89 4.16 0.00 | 47.35 3.87 0.00 | 44.41 3.59 0.00 | 39.92 3.23 0.00 | 31.73 2.30 0.00 | 28.14 2.46 0.00 |
| N.E._GEN_SANDY PD 24062 | 22.77 0.98 0.00 | 22.10 0.71 0.00 | 21.15 0.67 0.00 | 20.07 0.64 0.00 | 20.12 0.66 0.00 | 22.17 0.73 0.00 | 26.16 1.20 0.00 | 28.40 1.20 0.00 | 26.47 1.07 0.00 | 25.88 0.97 0.00 | 25.75 0.92 0.00 | 26.19 0.97 0.92 | 27.15 1.01 1.26 | 30.00 1.10 0.85 | 33.00 1.16 0.34 | 35.44 1.30 0.00 | 39.47 1.44 0.00 | 46.16 2.32 0.00 | 48.20 2.47 0.00 | 45.70 2.22 0.00 | 43.10 2.28 0.00 | 38.35 1.65 0.00 | 30.64 1.21 0.00 | 26.75 1.08 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 23.10 1.31 0.00 | 22.34 0.94 0.00 | 21.37 0.90 0.00 | 20.25 0.82 0.00 | 20.28 0.82 0.00 | 22.36 0.92 0.00 | 26.68 1.72 0.00 | 29.19 1.99 0.00 | 27.38 1.98 0.00 | 26.80 1.89 0.00 | 26.75 1.91 0.00 | 28.36 2.01 -0.21 | 29.77 2.08 -0.29 | 32.23 2.29 -0.20 | 34.61 2.35 -0.08 | 36.57 2.42 0.00 | 40.69 2.66 0.00 | 47.65 3.81 0.00 | 49.53 3.80 0.00 | 46.96 3.48 0.00 | 44.00 3.18 0.00 | 39.23 2.53 0.00 | 31.43 2.00 0.00 | 27.52 1.85 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 23.39 1.59 -0.01 | 22.57 1.18 0.00 | 21.67 1.19 -0.01 | 20.54 1.11 0.00 | 20.56 1.09 -0.01 | 22.51 1.07 0.00 | 26.91 1.95 0.00 | 29.50 2.31 0.01 | 27.73 2.34 0.01 | 27.17 2.27 0.01 | 27.14 2.31 0.01 | 28.76 2.40 -0.22 | 30.25 2.55 -0.30 | 32.74 2.80 -0.20 | 35.15 2.90 -0.08 | 37.11 2.97 0.01 | 41.19 3.16 0.00 | 48.18 4.34 0.00 | 49.89 4.16 0.00 | 47.31 3.83 0.00 | 44.49 3.67 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.94 2.26 -0.01 |
| N.TROY___115KV_TB1 355778 | 22.64 0.85 0.00 | 22.04 0.64 0.00 | 21.09 0.61 0.00 | 20.03 0.60 0.00 | 20.06 0.60 0.00 | 22.13 0.69 0.00 | 25.91 0.95 0.00 | 28.07 0.87 0.00 | 26.14 0.74 0.00 | 25.58 0.67 0.00 | 25.46 0.62 0.00 | 26.60 0.63 0.16 | 27.86 0.68 0.22 | 30.37 0.77 0.15 | 32.93 0.80 0.06 | 35.07 0.92 0.00 | 39.13 1.10 0.00 | 45.63 1.80 0.00 | 47.74 2.01 0.00 | 45.35 1.87 0.00 | 42.53 1.71 0.00 | 37.98 1.28 0.00 | 30.40 0.97 0.00 | 26.57 0.90 0.00 |
| NARROWS_GT1_1 24228 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT1_2 24229 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT1_3 24230 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT1_4 24231 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT1_5 24232 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT1_6 24233 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_7 24234 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT1_8 24235 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT2_1 24236 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT2_2 24237 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT2_3 24238 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT2_4 24239 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT2_5 24240 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT2_6 24241 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT2_7 24242 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NARROWS_GT2_8 24243 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.70 4.22 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 22.58 0.78 0.00 | 22.02 0.62 0.00 | 21.04 0.57 0.00 | 20.01 0.58 0.00 | 20.03 0.56 0.00 | 22.04 0.60 0.00 | 25.98 1.02 0.00 | 27.96 0.76 0.00 | 25.88 0.48 0.00 | 25.26 0.35 0.00 | 25.01 0.17 0.00 | 26.35 0.24 0.03 | 27.69 0.33 0.04 | 30.17 0.45 0.02 | 32.75 0.58 0.01 | 34.79 0.65 0.00 | 39.02 0.99 0.00 | 45.72 1.88 0.00 | 48.02 2.29 0.00 | 45.57 2.09 0.00 | 42.77 1.96 0.00 | 38.20 1.50 0.00 | 30.43 1.00 0.00 | 26.60 0.92 0.00 |
| NCHELSEA_115KV_TR2 355582 | 23.06 1.26 0.00 | 22.32 0.92 0.00 | 21.35 0.88 0.00 | 20.23 0.80 0.00 | 20.26 0.80 0.00 | 22.32 0.88 0.00 | 26.66 1.70 0.00 | 29.13 1.93 0.00 | 27.28 1.88 0.00 | 26.70 1.79 0.00 | 26.60 1.76 0.00 | 28.16 1.83 -0.19 | 29.63 1.97 -0.27 | 32.15 2.23 -0.18 | 34.60 2.35 -0.07 | 36.60 2.46 0.00 | 40.84 2.81 0.00 | 47.87 4.03 0.00 | 49.85 4.12 0.00 | 47.22 3.74 0.00 | 44.24 3.43 0.00 | 39.41 2.72 0.00 | 31.49 2.06 0.00 | 27.60 1.93 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 22.97 1.18 0.00 | 22.36 0.96 0.00 | 21.41 0.94 0.00 | 20.32 0.89 0.00 | 20.34 0.88 0.00 | 22.47 1.03 0.00 | 26.21 1.25 0.00 | 28.40 1.20 0.00 | 26.44 1.04 0.00 | 25.91 1.00 0.00 | 25.80 0.97 0.00 | 26.97 0.97 0.14 | 28.30 1.10 0.19 | 30.81 1.19 0.13 | 33.45 1.32 0.05 | 35.68 1.54 0.00 | 39.82 1.79 0.00 | 46.51 2.67 0.00 | 48.62 2.88 0.00 | 46.14 2.65 0.00 | 43.35 2.53 0.00 | 38.56 1.87 0.00 | 30.87 1.44 0.00 | 26.98 1.31 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 21.44 -0.35 0.00 | 20.77 -0.62 0.00 | 19.88 -0.59 0.00 | 18.89 -0.54 0.00 | 18.88 -0.58 0.00 | 20.86 -0.58 0.00 | 24.12 -0.30 0.54 | 25.77 -0.25 1.18 | 24.74 -0.15 0.51 | 24.59 -0.05 0.27 | 24.61 0.05 0.27 | 25.72 0.03 0.45 | 26.54 -0.08 0.78 | 28.63 -0.03 1.08 | 30.93 0.00 1.25 | 32.70 0.03 1.48 | 36.58 0.15 1.60 | 41.32 0.22 2.74 | 44.27 0.50 1.97 | 42.24 0.43 1.67 | 38.76 0.29 2.34 | 34.66 -0.18 1.85 | 29.12 -0.03 0.28 | 25.37 -0.31 0.00 |
| NEG CENTRAL___DRP 24199 | 22.01 0.22 0.00 | 21.35 -0.04 0.00 | 20.39 -0.08 0.00 | 19.35 -0.08 0.00 | 19.40 -0.06 0.00 | 21.46 0.02 0.00 | 25.06 0.30 0.20 | 27.21 0.44 0.43 | 25.65 0.43 0.18 | 25.28 0.47 0.10 | 25.26 0.52 0.10 | 26.50 0.52 0.16 | 27.55 0.44 0.28 | 29.89 0.54 0.39 | 32.44 0.71 0.45 | 34.36 0.75 0.54 | 38.29 0.84 0.58 | 44.11 1.27 0.99 | 46.53 1.51 0.71 | 44.36 1.48 0.61 | 41.19 1.22 0.85 | 36.79 0.77 0.67 | 30.03 0.71 0.10 | 26.01 0.33 0.00 |

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| NEG CENTRAL___INDECK 23768 | 22.66 0.87 0.00 | 21.85 0.45 0.00 | 20.90 0.43 0.00 | 19.86 0.43 0.00 | 19.83 0.37 0.00 | 21.95 0.51 0.00 | 25.37 0.90 0.48 | 27.18 1.03 1.05 | 25.81 0.86 0.45 | 25.54 0.87 0.24 | 25.58 0.99 0.24 | 26.68 0.94 0.40 | 27.47 0.77 0.69 | 29.70 0.92 0.96 | 32.17 1.09 1.11 | 32.90 0.07 1.31 | 36.87 0.27 1.43 | 42.06 0.66 2.44 | 45.40 1.42 1.75 | 43.65 1.65 1.49 | 40.20 1.47 2.08 | 35.75 0.70 1.64 | 30.80 1.62 0.25 | 26.80 1.13 0.00 |
| NEG CENTRAL___SENECA 23627 | 22.16 0.37 0.00 | 21.46 0.06 0.00 | 20.47 0.00 0.00 | 19.45 0.02 0.00 | 19.50 0.04 0.00 | 21.57 0.13 0.00 | 25.04 0.45 0.37 | 26.99 0.60 0.81 | 25.66 0.61 0.35 | 25.37 0.65 0.19 | 25.37 0.72 0.19 | 26.57 0.73 0.31 | 27.44 0.58 0.53 | 29.72 0.71 0.74 | 32.26 0.93 0.85 | 34.13 0.99 1.01 | 38.04 1.10 1.09 | 43.59 1.62 1.87 | 46.31 1.92 1.34 | 44.21 1.87 1.14 | 40.73 1.51 1.60 | 36.42 0.99 1.26 | 30.15 0.91 0.19 | 26.14 0.46 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 21.97 0.17 0.00 | 21.37 -0.02 0.00 | 20.41 -0.06 0.00 | 19.35 -0.08 0.00 | 19.40 -0.06 0.00 | 21.44 0.00 0.00 | 25.23 0.27 0.00 | 27.61 0.41 0.00 | 25.81 0.41 0.00 | 25.36 0.45 0.00 | 25.31 0.47 0.00 | 26.66 0.52 0.00 | 27.92 0.52 0.00 | 30.37 0.62 0.00 | 32.92 0.74 0.00 | 34.93 0.79 0.00 | 38.94 0.91 0.00 | 45.19 1.36 0.00 | 47.20 1.46 0.00 | 44.96 1.48 0.00 | 42.04 1.22 0.00 | 37.54 0.84 0.00 | 30.11 0.68 0.00 | 26.04 0.36 0.00 |
| NEG MILLWOOD___DRP 24198 | 23.21 1.42 0.00 | 22.47 1.07 0.00 | 21.50 1.02 0.00 | 20.36 0.93 0.00 | 20.38 0.91 0.00 | 22.47 1.03 0.00 | 26.78 1.82 0.00 | 29.24 2.04 0.00 | 27.41 2.01 0.00 | 26.88 1.97 0.00 | 26.77 1.94 0.00 | 28.41 2.07 -0.21 | 29.93 2.25 -0.29 | 32.47 2.53 -0.19 | 34.93 2.67 -0.08 | 36.98 2.83 0.00 | 41.22 3.19 0.00 | 48.35 4.52 0.00 | 50.21 4.48 0.00 | 47.61 4.13 0.00 | 44.57 3.76 0.00 | 39.67 2.97 0.00 | 31.67 2.24 0.00 | 27.76 2.08 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 21.94 0.15 0.00 | 21.80 0.41 0.00 | 20.76 0.29 0.00 | 19.72 0.29 0.00 | 19.75 0.29 0.00 | 21.70 0.26 0.00 | 24.96 0.00 0.00 | 27.42 0.22 0.00 | 25.58 0.18 0.00 | 25.13 0.22 0.00 | 24.96 0.12 0.00 | 26.45 0.31 0.00 | 27.75 0.36 0.00 | 29.86 0.12 0.00 | 32.21 0.03 0.00 | 34.11 -0.03 0.00 | 38.49 0.46 0.00 | 42.48 -1.36 0.00 | 43.22 -2.52 0.00 | 41.74 -1.74 0.00 | 38.98 -1.84 0.00 | 35.56 -1.14 0.00 | 29.14 -0.29 0.00 | 25.32 -0.36 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 21.62 -0.17 0.00 | 21.50 0.11 0.00 | 20.51 0.04 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.66 -0.30 0.00 | 27.04 -0.16 0.00 | 25.22 -0.18 0.00 | 24.76 -0.15 0.00 | 24.64 -0.20 0.00 | 26.01 -0.13 0.00 | 27.29 -0.11 0.00 | 29.45 -0.30 0.00 | 31.80 -0.39 0.00 | 33.70 -0.44 0.00 | 37.84 -0.19 0.00 | 42.39 -1.45 0.00 | 43.67 -2.06 0.00 | 41.92 -1.57 0.00 | 39.26 -1.55 0.00 | 35.56 -1.14 0.00 | 28.75 -0.68 0.00 | 25.03 -0.64 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 21.90 0.11 0.00 | 21.78 0.39 0.00 | 20.76 0.29 0.00 | 19.70 0.27 0.00 | 19.73 0.27 0.00 | 21.70 0.26 0.00 | 24.98 0.02 0.00 | 27.47 0.27 0.00 | 25.60 0.20 0.00 | 25.13 0.22 0.00 | 24.96 0.12 0.00 | 26.43 0.29 0.00 | 27.73 0.33 0.00 | 29.83 0.09 0.00 | 32.21 0.03 0.00 | 34.11 -0.03 0.00 | 38.52 0.49 0.00 | 42.74 -1.10 0.00 | 43.67 -2.06 0.00 | 42.18 -1.30 0.00 | 39.39 -1.43 0.00 | 35.78 -0.92 0.00 | 29.17 -0.26 0.00 | 25.32 -0.36 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 21.90 0.11 0.00 | 21.78 0.39 0.00 | 20.76 0.29 0.00 | 19.70 0.27 0.00 | 19.73 0.27 0.00 | 21.70 0.26 0.00 | 24.98 0.02 0.00 | 27.47 0.27 0.00 | 25.60 0.20 0.00 | 25.13 0.22 0.00 | 24.96 0.12 0.00 | 26.43 0.29 0.00 | 27.73 0.33 0.00 | 29.83 0.09 0.00 | 32.21 0.03 0.00 | 34.11 -0.03 0.00 | 38.52 0.49 0.00 | 42.74 -1.10 0.00 | 43.67 -2.06 0.00 | 42.18 -1.30 0.00 | 39.39 -1.43 0.00 | 35.78 -0.92 0.00 | 29.17 -0.26 0.00 | 25.32 -0.36 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 21.90 0.11 0.00 | 21.78 0.39 0.00 | 20.76 0.29 0.00 | 19.70 0.27 0.00 | 19.73 0.27 0.00 | 21.70 0.26 0.00 | 24.98 0.02 0.00 | 27.47 0.27 0.00 | 25.60 0.20 0.00 | 25.13 0.22 0.00 | 24.96 0.12 0.00 | 26.43 0.29 0.00 | 27.73 0.33 0.00 | 29.83 0.09 0.00 | 32.22 0.03 0.00 | 34.11 -0.03 0.00 | 38.52 0.49 0.00 | 42.78 -1.05 0.00 | 43.68 -2.06 0.00 | 42.18 -1.30 0.00 | 39.10 -1.71 0.00 | 35.78 -0.92 0.00 | 29.17 -0.27 0.00 | 25.32 -0.36 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 21.84 0.04 0.00 | 21.03 -0.36 0.00 | 20.08 -0.39 0.00 | 19.18 -0.25 0.00 | 19.15 -0.31 0.00 | 21.12 -0.32 0.00 | 24.11 -0.27 0.57 | 25.50 -0.46 1.24 | 24.64 -0.23 0.53 | 24.60 -0.02 0.28 | 24.75 0.20 0.29 | 25.77 0.10 0.47 | 26.14 -0.44 0.82 | 28.08 -0.54 1.13 | 30.62 -0.26 1.31 | 32.26 -0.34 1.55 | 36.08 -0.27 1.68 | 40.75 -0.22 2.87 | 43.81 0.14 2.06 | 41.90 0.17 1.75 | 38.16 -0.20 2.45 | 34.02 -0.73 1.93 | 28.93 -0.21 0.29 | 25.24 -0.44 0.00 |
| NEG WEST___LANCASTR 23811 | 22.38 0.59 0.00 | 21.52 0.13 0.00 | 20.55 0.08 0.00 | 19.60 0.17 0.00 | 19.60 0.14 0.00 | 21.66 0.21 0.00 | 23.70 -0.75 0.51 | 25.33 -0.76 1.11 | 24.44 -0.48 0.48 | 24.36 -0.30 0.25 | 24.53 -0.05 0.26 | 25.54 -0.18 0.42 | 25.90 -0.77 0.73 | 27.92 -0.80 1.02 | 30.46 -0.55 1.17 | 32.07 -0.68 1.39 | 35.76 -0.76 1.50 | 40.34 -0.92 2.57 | 43.29 -0.59 1.85 | 41.43 -0.48 1.57 | 37.68 -0.94 2.20 | 33.67 -1.28 1.73 | 28.43 -0.74 0.26 | 25.86 0.18 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 22.23 0.44 0.00 | 21.59 0.19 0.00 | 20.63 0.16 0.00 | 19.57 0.14 0.00 | 19.62 0.15 0.00 | 21.66 0.21 0.00 | 25.26 0.45 0.15 | 27.42 0.54 0.32 | 25.85 0.58 0.14 | 25.46 0.62 0.07 | 25.40 0.64 0.07 | 26.70 0.65 0.09 | 27.83 0.60 0.17 | 30.19 0.71 0.26 | 32.66 0.80 0.33 | 34.56 0.82 0.40 | 38.58 0.99 0.44 | 44.49 1.40 0.75 | 46.80 1.60 0.54 | 44.59 1.56 0.46 | 41.52 1.34 0.64 | 37.07 0.88 0.50 | 30.12 0.76 0.08 | 26.29 0.62 0.00 |
| NEG___GEN_MONROE 24207 | 22.03 0.24 0.00 | 21.27 -0.13 0.00 | 20.31 -0.16 0.00 | 19.35 -0.08 0.00 | 19.32 -0.14 0.00 | 21.38 -0.06 0.00 | 24.62 0.27 0.61 | 26.15 0.27 1.33 | 25.14 0.30 0.57 | 25.00 0.40 0.30 | 25.07 0.55 0.31 | 26.11 0.47 0.50 | 26.69 0.16 0.87 | 28.74 0.21 1.22 | 31.20 0.42 1.40 | 33.00 0.51 1.66 | 36.88 0.65 1.80 | 41.59 0.83 3.08 | 44.76 1.23 2.21 | 42.86 1.26 1.88 | 39.25 1.06 2.63 | 35.21 0.59 2.08 | 29.67 0.56 0.32 | 25.75 0.08 0.00 |
| NEPA___ENERGY 23901 | 22.55 0.76 0.00 | 21.67 0.28 0.00 | 20.66 0.18 0.00 | 19.70 0.27 0.00 | 19.71 0.25 0.00 | 21.78 0.34 0.00 | 24.67 0.22 0.51 | 26.39 0.30 1.11 | 25.41 0.48 0.47 | 25.35 0.70 0.25 | 25.52 0.94 0.26 | 26.56 0.84 0.42 | 26.80 0.14 0.73 | 28.88 0.15 1.02 | 31.50 0.48 1.17 | 33.24 0.48 1.39 | 37.06 0.53 1.50 | 41.88 0.61 2.57 | 44.94 1.05 1.84 | 43.00 1.09 1.57 | 39.15 0.53 2.20 | 34.93 -0.04 1.73 | 29.40 0.24 0.26 | 25.88 0.21 0.00 |
| NEVERSINK___HYD 23608 | 22.90 1.11 0.00 | 22.12 0.73 0.00 | 21.17 0.70 0.00 | 20.05 0.62 0.00 | 20.08 0.62 0.00 | 22.13 0.69 0.00 | 26.61 1.65 0.00 | 29.10 1.90 0.00 | 27.25 1.85 0.00 | 26.60 1.69 0.00 | 26.50 1.66 0.00 | 28.00 1.72 -0.14 | 29.37 1.78 -0.19 | 31.90 2.02 -0.13 | 34.42 2.19 -0.05 | 36.50 2.35 0.00 | 40.77 2.74 0.00 | 47.95 4.12 0.00 | 49.99 4.25 0.00 | 47.35 3.87 0.00 | 44.53 3.71 0.00 | 39.52 2.83 0.00 | 31.52 2.09 0.00 | 27.50 1.82 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| NEWKRMKL_115KV_TB1 55635 | 22.38 0.59 0.00 | 21.82 0.43 0.00 | 20.88 0.41 0.00 | 19.88 0.45 0.00 | 19.87 0.41 0.00 | 21.87 0.43 0.00 | 25.63 0.67 0.00 | 27.66 0.46 0.00 | 25.75 0.36 0.00 | 25.26 0.35 0.00 | 25.11 0.27 0.00 | 26.31 0.29 0.11 | 27.63 0.38 0.15 | 30.09 0.45 0.10 | 32.62 0.48 0.04 | 34.73 0.58 0.00 | 38.75 0.72 0.00 | 45.11 1.27 0.00 | 47.15 1.42 0.00 | 44.70 1.22 0.00 | 41.96 1.14 0.00 | 37.46 0.77 0.00 | 29.96 0.53 0.00 | 26.19 0.51 0.00 |
| NEWTON___FALLS_HYD 23847 | 21.66 -0.13 0.00 | 21.42 0.02 0.00 | 20.57 0.10 0.00 | 19.53 0.10 0.00 | 19.58 0.12 0.00 | 21.51 0.06 0.00 | 24.88 -0.07 0.00 | 27.28 0.08 0.00 | 25.37 -0.03 0.00 | 24.81 -0.10 0.00 | 24.71 -0.12 0.00 | 26.01 -0.13 0.00 | 27.31 -0.08 0.00 | 29.51 -0.24 0.00 | 31.76 -0.42 0.00 | 33.74 -0.41 0.00 | 37.69 -0.34 0.00 | 43.00 -0.83 0.00 | 44.91 -0.82 0.00 | 42.96 -0.52 0.00 | 40.45 -0.37 0.00 | 36.29 -0.40 0.00 | 29.20 -0.24 0.00 | 25.50 -0.18 0.00 |
| NGRID_A1_DSASP 323792 | 21.38 -0.41 0.00 | 20.60 -0.79 0.00 | 19.74 -0.74 0.00 | 18.77 -0.66 0.00 | 18.74 -0.72 0.00 | 20.69 -0.75 0.00 | 23.64 -0.72 0.60 | 25.04 -0.92 1.24 | 24.21 -0.66 0.53 | 24.15 -0.47 0.28 | 24.30 -0.25 0.29 | 25.30 -0.37 0.47 | 25.81 -0.77 0.82 | 27.78 -0.83 1.14 | 30.07 -0.80 1.31 | 31.54 -1.06 1.55 | 35.25 -1.10 1.68 | 39.39 -1.58 2.87 | 42.67 -1.01 2.06 | 40.81 -0.92 1.75 | 37.18 -1.18 2.45 | 33.14 -1.61 1.94 | 28.34 -0.79 0.29 | 24.96 -0.72 0.00 |
| NGRID_A2_DSASP 323793 | 21.38 -0.41 0.00 | 20.60 -0.79 0.00 | 19.74 -0.74 0.00 | 18.77 -0.66 0.00 | 18.74 -0.72 0.00 | 20.69 -0.75 0.00 | 23.64 -0.72 0.60 | 25.04 -0.92 1.24 | 24.21 -0.66 0.53 | 24.15 -0.47 0.28 | 24.30 -0.25 0.29 | 25.30 -0.37 0.47 | 25.81 -0.77 0.82 | 27.78 -0.83 1.14 | 30.07 -0.80 1.31 | 31.54 -1.06 1.55 | 35.25 -1.10 1.68 | 39.39 -1.58 2.87 | 42.67 -1.01 2.06 | 40.81 -0.92 1.75 | 37.18 -1.18 2.45 | 33.14 -1.61 1.94 | 28.34 -0.79 0.29 | 24.96 -0.72 0.00 |
| NGRID_A4_DSASP 323807 | 21.38 -0.41 0.00 | 20.60 -0.79 0.00 | 19.74 -0.74 0.00 | 18.77 -0.66 0.00 | 18.74 -0.72 0.00 | 20.69 -0.75 0.00 | 23.64 -0.72 0.60 | 25.04 -0.92 1.24 | 24.21 -0.66 0.53 | 24.15 -0.47 0.28 | 24.30 -0.25 0.29 | 25.30 -0.37 0.47 | 25.81 -0.77 0.82 | 27.78 -0.83 1.14 | 30.07 -0.80 1.31 | 31.54 -1.06 1.55 | 35.25 -1.10 1.68 | 39.39 -1.58 2.87 | 42.67 -1.01 2.06 | 40.81 -0.92 1.75 | 37.18 -1.18 2.45 | 33.14 -1.61 1.94 | 28.34 -0.79 0.29 | 24.96 -0.72 0.00 |
| NIAGARA_115E_LBMP 323715 | 21.49 -0.31 0.00 | 20.69 -0.71 0.00 | 19.86 -0.61 0.00 | 18.89 -0.54 0.00 | 18.86 -0.60 0.00 | 20.78 -0.66 0.00 | 23.69 -0.70 0.57 | 25.05 -0.92 1.23 | 24.24 -0.63 0.53 | 24.20 -0.42 0.28 | 24.33 -0.22 0.29 | 25.33 -0.34 0.47 | 25.85 -0.74 0.81 | 27.76 -0.86 1.13 | 30.05 -0.84 1.30 | 31.55 -1.06 1.54 | 35.26 -1.10 1.67 | 39.54 -1.45 2.85 | 42.82 -0.87 2.04 | 40.96 -0.78 1.74 | 37.32 -1.06 2.44 | 33.23 -1.54 1.92 | 28.40 -0.73 0.29 | 25.06 -0.62 0.00 |
| NIAGARA_115W_LBMP 323714 | 21.33 -0.46 0.00 | 20.54 -0.86 0.00 | 19.69 -0.78 0.00 | 18.71 -0.72 0.00 | 18.68 -0.78 0.00 | 20.65 -0.79 0.00 | 23.59 -0.77 0.60 | 24.98 -0.98 1.24 | 24.13 -0.74 0.53 | 24.10 -0.52 0.28 | 24.22 -0.32 0.29 | 25.22 -0.44 0.47 | 25.76 -0.82 0.82 | 27.69 -0.92 1.14 | 29.97 -0.90 1.31 | 31.43 -1.16 1.55 | 35.13 -1.22 1.68 | 39.25 -1.71 2.87 | 42.53 -1.14 2.06 | 40.68 -1.04 1.76 | 37.05 -1.31 2.46 | 33.03 -1.72 1.94 | 28.25 -0.88 0.30 | 24.91 -0.77 0.00 |
| NIAGARA_230_LBMP 323716 | 21.64 -0.15 0.00 | 20.86 -0.53 0.00 | 19.98 -0.49 0.00 | 18.98 -0.45 0.00 | 18.97 -0.49 0.00 | 20.95 -0.49 0.00 | 23.96 -0.42 0.58 | 25.35 -0.60 1.26 | 24.48 -0.38 0.54 | 24.42 -0.20 0.29 | 24.54 0.00 0.29 | 25.56 -0.10 0.48 | 26.10 -0.47 0.83 | 28.06 -0.53 1.15 | 30.34 -0.52 1.33 | 31.89 -0.68 1.57 | 35.64 -0.68 1.70 | 39.92 -1.01 2.91 | 43.23 -0.41 2.09 | 41.36 -0.35 1.78 | 37.63 -0.69 2.49 | 33.59 -1.14 1.96 | 28.66 -0.47 0.30 | 25.26 -0.41 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 21.33 -0.46 0.00 | 20.54 -0.86 0.00 | 19.61 -0.86 0.00 | 18.71 -0.72 0.00 | 18.68 -0.78 0.00 | 20.65 -0.79 0.00 | 23.61 -0.75 0.60 | 24.98 -0.98 1.24 | 24.13 -0.74 0.53 | 24.10 -0.52 0.28 | 24.22 -0.32 0.29 | 25.22 -0.44 0.47 | 25.59 -0.99 0.82 | 27.51 -1.10 1.14 | 29.97 -0.90 1.31 | 31.54 -1.06 1.55 | 35.17 -1.18 1.68 | 39.56 -1.40 2.87 | 42.57 -1.10 2.06 | 40.68 -1.04 1.76 | 37.05 -1.31 2.46 | 33.07 -1.69 1.94 | 28.25 -0.88 0.30 | 24.60 -1.08 0.00 |
| NIAGARA____ 23760 | 21.64 -0.15 0.00 | 20.86 -0.53 0.00 | 19.98 -0.49 0.00 | 18.98 -0.45 0.00 | 18.97 -0.49 0.00 | 20.95 -0.49 0.00 | 23.95 -0.42 0.58 | 25.36 -0.60 1.24 | 24.49 -0.38 0.53 | 24.42 -0.20 0.29 | 24.55 0.00 0.29 | 25.56 -0.10 0.47 | 26.11 -0.47 0.82 | 28.07 -0.53 1.14 | 30.35 -0.52 1.31 | 31.91 -0.68 1.55 | 35.66 -0.68 1.69 | 39.95 -1.01 2.88 | 43.25 -0.41 2.07 | 41.37 -0.35 1.76 | 37.66 -0.69 2.46 | 33.61 -1.14 1.94 | 28.66 -0.47 0.30 | 25.26 -0.41 0.00 |
| NINE_MILE_1 23575 | 21.27 -0.52 0.00 | 20.75 -0.64 0.00 | 19.86 -0.61 0.00 | 18.85 -0.58 0.00 | 18.88 -0.58 0.00 | 20.82 -0.62 0.00 | 19.93 -0.62 4.41 | 17.00 -0.62 9.57 | 20.71 -0.58 4.10 | 22.16 -0.55 2.20 | 22.09 -0.52 2.22 | 21.96 -0.55 3.63 | 20.51 -0.58 6.31 | 20.34 -0.63 8.78 | 21.42 -0.64 10.12 | 21.45 -0.72 11.98 | 24.24 -0.80 12.99 | 20.86 -0.79 22.19 | 29.06 -0.73 15.93 | 29.22 -0.70 13.56 | 21.14 -0.69 18.98 | 20.95 -0.77 14.97 | 26.56 -0.59 2.28 | 25.14 -0.54 0.00 |
| NINE_MILE_2 23744 | 21.27 -0.52 0.00 | 20.75 -0.64 0.00 | 19.86 -0.61 0.00 | 18.85 -0.58 0.00 | 18.88 -0.58 0.00 | 20.82 -0.62 0.00 | 19.87 -0.62 4.47 | 16.88 -0.62 9.70 | 20.66 -0.58 4.16 | 22.13 -0.55 2.23 | 22.06 -0.52 2.25 | 21.91 -0.55 3.68 | 20.43 -0.58 6.39 | 20.23 -0.63 8.89 | 21.29 -0.64 10.25 | 21.29 -0.72 12.13 | 24.07 -0.80 13.16 | 20.57 -0.79 22.48 | 28.86 -0.73 16.14 | 29.05 -0.70 13.74 | 20.89 -0.69 19.23 | 20.76 -0.77 15.17 | 26.53 -0.59 2.31 | 25.14 -0.54 0.00 |
| NM_CAPITAL___DRP 24208 | 22.40 0.61 0.00 | 21.85 0.45 0.00 | 20.90 0.43 0.00 | 19.88 0.45 0.00 | 19.89 0.43 0.00 | 21.91 0.47 0.00 | 25.68 0.72 0.00 | 27.72 0.52 0.00 | 25.81 0.41 0.00 | 25.31 0.40 0.00 | 25.16 0.32 0.00 | 26.35 0.34 0.13 | 27.63 0.41 0.17 | 30.10 0.48 0.12 | 32.65 0.51 0.05 | 34.76 0.61 0.00 | 38.75 0.72 0.00 | 45.15 1.32 0.00 | 47.20 1.46 0.00 | 44.79 1.30 0.00 | 42.00 1.18 0.00 | 37.54 0.84 0.00 | 30.02 0.59 0.00 | 26.24 0.56 0.00 |
| NM_CENTRAL___DRP 24181 | 21.73 -0.07 0.00 | 21.16 -0.24 0.00 | 20.23 -0.25 0.00 | 19.20 -0.23 0.00 | 19.25 -0.21 0.00 | 21.23 -0.21 0.00 | 24.62 -0.05 0.29 | 26.60 0.03 0.63 | 25.18 0.05 0.27 | 24.87 0.10 0.14 | 24.81 0.12 0.15 | 26.03 0.13 0.24 | 27.12 0.14 0.41 | 29.35 0.18 0.57 | 31.78 0.26 0.66 | 33.57 0.20 0.78 | 37.37 0.19 0.85 | 42.87 0.48 1.45 | 45.19 0.50 1.04 | 43.08 0.48 0.89 | 39.94 0.37 1.24 | 35.90 0.18 0.98 | 29.49 0.21 0.15 | 25.70 0.03 0.00 |
| NM_FRONTIER___DRP 24179 | 21.33 -0.46 0.00 | 20.54 -0.86 0.00 | 19.61 -0.86 0.00 | 18.71 -0.72 0.00 | 18.68 -0.78 0.00 | 20.65 -0.79 0.00 | 23.61 -0.75 0.60 | 24.98 -0.98 1.24 | 24.13 -0.74 0.53 | 24.10 -0.52 0.28 | 24.22 -0.32 0.29 | 25.22 -0.44 0.47 | 25.59 -0.99 0.82 | 27.51 -1.10 1.14 | 29.97 -0.90 1.31 | 31.54 -1.06 1.55 | 35.17 -1.18 1.68 | 39.56 -1.40 2.87 | 42.57 -1.10 2.06 | 40.68 -1.04 1.76 | 37.05 -1.31 2.46 | 33.07 -1.69 1.94 | 28.25 -0.88 0.30 | 24.60 -1.08 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NM_ST_REGIS___HYD 24053 | 21.49 -0.31 0.00 | 21.44 0.04 0.00 | 20.51 0.04 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.66 -0.30 0.00 | 27.01 -0.19 0.00 | 25.15 -0.25 0.00 | 24.64 -0.27 0.00 | 24.56 -0.27 0.00 | 25.88 -0.26 0.00 | 27.15 -0.25 0.00 | 29.24 -0.51 0.00 | 31.38 -0.80 0.00 | 33.26 -0.89 0.00 | 37.23 -0.80 0.00 | 41.60 -2.24 0.00 | 43.17 -2.56 0.00 | 41.35 -2.13 0.00 | 39.31 -1.51 0.00 | 35.52 -1.17 0.00 | 28.78 -0.65 0.00 | 25.19 -0.49 0.00 |
| NORTHPORT___1 23551 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.39 0.92 0.00 | 20.44 1.01 0.00 | 20.38 0.91 0.00 | 22.62 1.18 0.00 | 26.73 1.77 0.00 | 29.62 2.42 0.00 | 27.73 2.34 0.00 | 27.15 2.24 0.00 | 26.99 2.16 0.00 | 28.74 2.38 -0.22 | 30.14 2.44 -0.31 | 32.24 2.29 -0.21 | 34.61 2.35 -0.08 | 36.50 2.35 0.00 | 40.65 2.62 0.00 | 47.73 3.90 0.00 | 49.62 3.89 0.00 | 47.13 3.65 0.00 | 44.57 3.75 0.00 | 39.44 2.75 0.00 | 31.61 2.18 0.00 | 28.09 2.41 0.00 |
| NORTHPORT___2 23552 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.39 0.92 0.00 | 20.44 1.01 0.00 | 20.38 0.91 0.00 | 22.62 1.18 0.00 | 26.73 1.77 0.00 | 29.62 2.42 0.00 | 27.73 2.34 0.00 | 27.15 2.24 0.00 | 26.99 2.16 0.00 | 28.74 2.38 -0.22 | 30.14 2.44 -0.31 | 32.24 2.29 -0.21 | 34.61 2.35 -0.08 | 36.50 2.35 0.00 | 40.65 2.62 0.00 | 47.73 3.90 0.00 | 49.62 3.89 0.00 | 47.06 3.65 0.08 | 44.57 3.75 0.00 | 39.40 2.75 0.05 | 31.61 2.18 0.00 | 28.09 2.41 0.00 |
| NORTHPORT___3 23553 | 23.25 1.46 0.00 | 22.47 1.07 0.00 | 21.33 0.86 0.00 | 20.36 0.93 0.00 | 20.30 0.84 0.00 | 22.51 1.07 0.00 | 26.63 1.67 0.00 | 29.45 2.26 0.00 | 27.63 2.24 0.00 | 27.05 2.14 0.00 | 26.94 2.11 0.00 | 28.64 2.27 -0.22 | 30.01 2.30 -0.31 | 32.21 2.26 -0.21 | 34.65 2.38 -0.08 | 36.57 2.42 0.00 | 40.69 2.66 0.00 | 47.73 3.90 0.00 | 49.52 3.79 0.00 | 47.33 3.92 0.07 | 44.73 3.92 0.00 | 39.51 2.86 0.05 | 31.46 2.03 0.00 | 27.96 2.28 0.00 |
| NORTHPORT___4 23650 | 23.25 1.46 0.00 | 22.47 1.07 0.00 | 21.33 0.86 0.00 | 20.36 0.93 0.00 | 20.30 0.84 0.00 | 22.51 1.07 0.00 | 26.63 1.67 0.00 | 29.45 2.26 0.00 | 27.63 2.24 0.00 | 27.05 2.14 0.00 | 26.94 2.11 0.00 | 28.64 2.27 -0.22 | 30.01 2.30 -0.31 | 32.21 2.26 -0.21 | 34.65 2.38 -0.08 | 36.57 2.42 0.00 | 40.69 2.66 0.00 | 47.73 3.90 0.00 | 49.52 3.79 0.00 | 47.33 3.92 0.07 | 44.73 3.92 0.00 | 39.51 2.86 0.05 | 31.46 2.03 0.00 | 27.96 2.28 0.00 |
| NORTHPORT___IC 23718 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.50 1.02 0.00 | 20.44 1.01 0.00 | 20.38 0.91 0.00 | 22.62 1.18 0.00 | 26.71 1.75 0.00 | 29.70 2.50 0.00 | 27.74 2.34 0.00 | 27.15 2.24 0.00 | 27.00 2.16 0.00 | 28.74 2.38 -0.22 | 30.17 2.47 -0.31 | 32.39 2.44 -0.21 | 34.55 2.28 -0.08 | 36.43 2.29 0.00 | 40.65 2.62 0.00 | 47.39 3.55 0.00 | 49.48 3.75 0.00 | 46.76 3.35 0.08 | 44.12 3.31 0.00 | 39.36 2.72 0.05 | 31.52 2.09 0.00 | 28.11 2.44 0.00 |
| NORTH___COUNTRY_ESR 323785 | 21.55 -0.24 0.00 | 21.44 0.04 0.00 | 20.45 -0.02 0.00 | 19.41 -0.02 0.00 | 19.44 -0.02 0.00 | 21.40 -0.04 0.00 | 24.59 -0.37 0.00 | 26.98 -0.22 0.00 | 25.17 -0.23 0.00 | 24.71 -0.20 0.00 | 24.61 -0.22 0.00 | 25.98 -0.16 0.00 | 27.23 -0.16 0.00 | 29.36 -0.39 0.00 | 31.73 -0.45 0.00 | 33.63 -0.51 0.00 | 37.72 -0.31 0.00 | 42.26 -1.58 0.00 | 43.54 -2.19 0.00 | 41.74 -1.74 0.00 | 38.86 -1.96 0.00 | 35.45 -1.25 0.00 | 28.67 -0.77 0.00 | 24.96 -0.72 0.00 |
| NPX_GEN_1385_PROXY 323591 | 23.34 1.55 0.00 | 22.57 1.18 0.00 | 21.39 0.92 0.00 | 20.44 1.01 0.00 | 20.38 0.91 0.00 | 22.62 1.18 0.00 | 26.73 1.77 0.00 | 29.62 2.42 0.00 | 27.73 2.34 0.00 | 27.15 2.24 0.00 | 26.99 2.16 0.00 | 28.74 2.38 -0.22 | 30.14 2.44 -0.31 | 32.24 2.29 -0.21 | 34.61 2.35 -0.08 | 36.09 1.95 0.00 | 39.93 1.90 0.00 | 46.86 3.02 0.00 | 48.88 3.15 0.00 | 46.51 3.04 0.02 | 44.41 3.59 0.00 | 39.29 2.61 0.01 | 31.49 2.06 0.00 | 27.96 2.28 0.00 |
| NPX_GEN_CSC 323557 | 23.29 1.50 0.00 | 22.59 1.20 0.00 | 21.31 0.84 0.00 | 20.48 1.05 0.00 | 20.38 0.91 0.00 | 22.64 1.20 0.00 | 26.61 1.65 0.00 | 29.88 2.64 -0.04 | 27.71 2.31 0.00 | 27.10 2.19 0.00 | 26.80 1.96 0.00 | 28.56 2.20 -0.22 | 29.92 2.22 -0.31 | 32.10 2.14 -0.21 | 34.58 2.32 -0.08 | 36.57 2.42 0.00 | 40.96 2.89 -0.04 | 48.04 4.21 0.00 | 49.98 4.20 -0.04 | 48.92 4.13 -1.30 | 45.06 4.20 -0.04 | 40.65 3.08 -0.87 | 31.46 2.03 0.00 | 28.01 2.34 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 23.14 1.35 0.00 | 22.53 1.13 0.00 | 21.64 1.17 0.00 | 20.54 1.11 0.00 | 20.55 1.09 0.00 | 22.73 1.29 0.00 | 26.11 1.15 0.00 | 28.29 1.09 0.00 | 26.31 0.91 0.00 | 25.78 0.87 0.00 | 25.68 0.84 0.00 | 26.70 0.68 0.12 | 28.10 0.88 0.17 | 30.52 0.89 0.11 | 33.01 0.87 0.05 | 35.24 1.09 0.00 | 39.36 1.33 0.00 | 46.07 2.24 0.00 | 48.20 2.47 0.00 | 45.74 2.26 0.00 | 42.86 2.04 0.00 | 38.12 1.43 0.00 | 30.70 1.27 0.00 | 26.86 1.18 0.00 |
| NUCOR_STEEL___DRP 24197 | 22.01 0.22 0.00 | 21.42 0.02 0.00 | 20.47 0.00 0.00 | 19.39 -0.04 0.00 | 19.44 -0.02 0.00 | 21.46 0.02 0.00 | 25.26 0.30 0.00 | 27.64 0.44 0.00 | 25.81 0.41 0.00 | 25.36 0.45 0.00 | 25.31 0.47 0.00 | 26.64 0.50 0.00 | 27.89 0.49 0.00 | 30.31 0.57 0.00 | 32.89 0.71 0.00 | 34.90 0.75 0.00 | 38.90 0.87 0.00 | 45.15 1.32 0.00 | 47.15 1.42 0.00 | 44.92 1.43 0.00 | 42.04 1.22 0.00 | 37.57 0.88 0.00 | 30.14 0.71 0.00 | 26.09 0.41 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 21.92 0.13 0.00 | 21.55 0.15 0.00 | 20.80 0.33 0.00 | 19.72 0.29 0.00 | 19.79 0.33 0.00 | 21.66 0.21 0.00 | 25.23 0.28 0.00 | 27.91 0.71 0.00 | 25.96 0.56 0.00 | 25.38 0.47 0.00 | 25.23 0.40 0.00 | 26.58 0.44 0.00 | 27.92 0.52 0.00 | 30.28 0.54 0.00 | 32.76 0.58 0.00 | 34.83 0.68 0.00 | 38.94 0.91 0.00 | 44.84 1.01 0.00 | 46.97 1.24 0.00 | 44.83 1.35 0.00 | 41.59 0.77 0.00 | 37.17 0.48 0.00 | 29.66 0.23 0.00 | 25.80 0.13 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 21.79 0.00 0.00 | 21.40 0.00 0.00 | 20.47 0.00 0.00 | 19.43 0.00 0.00 | 19.46 0.00 0.00 | 21.44 0.00 0.00 | 24.96 0.00 0.00 | 27.20 0.00 0.00 | 25.40 0.00 0.00 | 24.91 0.00 0.00 | 24.83 0.00 0.00 | 26.14 0.00 0.00 | 27.40 0.00 0.00 | 29.75 0.00 0.00 | 32.18 0.00 0.00 | 34.15 0.00 0.00 | 38.03 0.00 0.00 | 43.84 0.00 0.00 | 45.73 0.00 0.00 | 43.48 0.00 0.00 | 40.82 0.00 0.00 | 36.69 0.00 0.00 | 29.43 0.00 0.00 | 25.68 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 23.69 1.89 0.00 | 22.89 1.50 0.00 | 21.70 1.23 0.00 | 20.75 1.32 0.00 | 20.65 1.19 0.00 | 22.96 1.52 0.00 | 27.11 2.15 0.00 | 30.06 2.86 0.00 | 28.17 2.77 0.00 | 27.55 2.64 0.00 | 27.39 2.56 0.00 | 29.19 2.82 -0.22 | 30.58 2.88 -0.31 | 32.81 2.86 -0.21 | 35.33 3.06 -0.08 | 37.32 3.18 0.00 | 41.53 3.50 0.00 | 48.92 5.08 0.00 | 50.86 5.12 0.00 | 47.88 4.26 -0.13 | 45.10 4.28 0.00 | 39.97 3.19 -0.09 | 32.14 2.71 0.00 | 28.55 2.88 0.00 |
| NYPA_GOWANUS____GT5 24156 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.66 4.17 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NYPA_GOWANUS____GT6 24157 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.73 1.25 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.26 0.00 | 27.14 2.17 -0.01 | 29.68 2.47 -0.01 | 27.91 2.49 -0.02 | 27.34 2.42 -0.02 | 33.12 2.44 -5.85 | 41.74 2.56 -13.03 | 40.90 2.69 -10.82 | 40.63 2.95 -7.94 | 39.19 3.12 -3.89 | 38.72 3.31 -1.27 | 41.53 3.50 0.00 | 48.57 4.74 0.00 | 50.26 4.53 0.00 | 47.66 4.17 0.00 | 45.06 4.24 0.00 | 40.35 3.37 -0.28 | 32.09 2.65 -0.01 | 28.00 2.31 -0.01 |
| NYPA_HARLEM__RVR__GT1 24160 | 23.37 1.57 -0.01 | 22.55 1.15 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.48 1.05 0.01 | 26.87 1.92 0.01 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.16 2.47 -0.30 | 32.62 2.68 -0.20 | 35.09 2.83 -0.08 | 37.11 2.97 0.01 | 41.06 3.04 0.01 | 48.13 4.30 0.01 | 49.79 4.07 0.01 | 47.22 3.74 0.01 | 44.64 3.84 0.01 | 39.62 2.94 0.01 | 31.78 2.36 0.01 | 27.79 2.11 -0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 23.37 1.57 -0.01 | 22.55 1.15 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.48 1.05 0.01 | 26.87 1.92 0.01 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.16 2.47 -0.30 | 32.62 2.68 -0.20 | 35.09 2.83 -0.08 | 37.11 2.97 0.01 | 41.06 3.04 0.01 | 48.13 4.30 0.01 | 49.79 4.07 0.01 | 47.22 3.74 0.01 | 44.64 3.84 0.01 | 39.62 2.94 0.01 | 31.78 2.36 0.01 | 27.79 2.11 -0.01 |
| NYPA_KENT____GT 24152 | 23.46 1.66 -0.01 | 22.66 1.26 0.00 | 21.67 1.19 -0.01 | 20.56 1.13 0.00 | 20.58 1.11 -0.01 | 22.64 1.20 0.00 | 27.06 2.10 0.00 | 29.63 2.42 -0.01 | 27.86 2.44 -0.02 | 27.30 2.37 -0.02 | 33.47 2.38 -6.25 | 40.22 2.51 -11.57 | 39.65 2.63 -9.63 | 40.06 2.88 -7.43 | 39.07 3.06 -3.82 | 38.53 3.21 -1.17 | 41.41 3.38 0.00 | 48.44 4.60 0.00 | 50.17 4.43 0.00 | 47.57 4.09 0.00 | 44.94 4.12 0.00 | 40.12 3.26 -0.16 | 31.99 2.56 0.00 | 27.92 2.23 -0.01 |
| NYPA_POUCH1____GT 24155 | 23.50 1.70 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.62 1.19 -0.01 | 20.66 1.19 -0.01 | 22.73 1.29 0.00 | 27.14 2.17 -0.01 | 29.66 2.45 -0.01 | 27.80 2.39 -0.02 | 27.27 2.34 -0.02 | 32.99 2.31 -5.85 | 41.60 2.43 -13.03 | 40.77 2.55 -10.82 | 40.51 2.83 -7.94 | 39.07 2.99 -3.89 | 38.59 3.18 -1.27 | 41.38 3.35 0.00 | 48.39 4.56 0.00 | 50.12 4.39 0.00 | 47.53 4.04 0.00 | 44.94 4.12 0.00 | 40.24 3.26 -0.28 | 32.12 2.68 -0.01 | 28.02 2.34 -0.01 |
| NYPA_VERNON____GT2 24162 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.61 1.13 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.60 1.16 0.00 | 26.98 2.02 0.00 | 29.58 2.37 -0.01 | 27.83 2.41 -0.02 | 27.25 2.32 -0.02 | 33.85 2.36 -6.65 | 38.73 2.48 -10.10 | 38.40 2.57 -8.43 | 39.48 2.83 -6.91 | 38.90 2.96 -3.76 | 38.37 3.14 -1.08 | 41.30 3.27 0.00 | 48.35 4.52 0.00 | 50.08 4.35 0.00 | 47.48 4.00 0.00 | 44.90 4.08 0.00 | 39.85 3.12 -0.04 | 31.90 2.47 0.00 | 27.87 2.18 -0.01 |
| NYPA_VERNON____GT3 24163 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.61 1.13 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.60 1.16 0.00 | 26.98 2.02 0.00 | 29.58 2.37 -0.01 | 27.83 2.41 -0.02 | 27.25 2.32 -0.02 | 33.85 2.36 -6.65 | 38.73 2.48 -10.10 | 38.40 2.57 -8.43 | 39.48 2.83 -6.91 | 38.90 2.96 -3.76 | 38.37 3.14 -1.08 | 41.30 3.27 0.00 | 48.35 4.52 0.00 | 50.08 4.35 0.00 | 47.48 4.00 0.00 | 44.90 4.08 0.00 | 39.85 3.12 -0.04 | 31.90 2.47 0.00 | 27.87 2.18 -0.01 |
| NYPA__ASTORIA_CC1 323568 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.98 2.02 0.00 | 29.57 2.37 -0.01 | 27.80 2.39 -0.02 | 27.25 2.32 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.90 2.55 -6.96 | 38.37 2.80 -5.83 | 38.37 2.96 -3.23 | 38.16 3.11 -0.90 | 41.26 3.23 0.00 | 48.31 4.47 0.00 | 50.03 4.30 0.00 | 47.44 3.96 0.00 | 44.86 4.04 0.00 | 39.81 3.12 0.00 | 31.90 2.47 0.00 | 27.84 2.16 -0.01 |
| NYPA__ASTORIA_CC2 323569 | 23.39 1.59 -0.01 | 22.59 1.20 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.98 2.02 0.00 | 29.57 2.37 -0.01 | 27.80 2.39 -0.02 | 27.25 2.32 -0.02 | 33.01 2.33 -5.85 | 36.90 2.46 -8.30 | 36.90 2.55 -6.96 | 38.37 2.80 -5.83 | 38.37 2.96 -3.23 | 38.16 3.11 -0.90 | 41.26 3.23 0.00 | 48.31 4.47 0.00 | 50.03 4.30 0.00 | 47.44 3.96 0.00 | 44.86 4.04 0.00 | 39.81 3.12 0.00 | 31.90 2.47 0.00 | 27.84 2.16 -0.01 |
| NYPA__HOLTSVILL 23794 | 23.40 1.61 0.00 | 22.66 1.26 0.00 | 21.45 0.98 0.00 | 20.54 1.11 0.00 | 20.43 0.97 0.00 | 22.71 1.26 0.00 | 26.78 1.82 0.00 | 29.83 2.59 -0.04 | 27.81 2.41 0.00 | 27.23 2.32 0.00 | 27.02 2.19 0.00 | 28.80 2.43 -0.22 | 30.17 2.47 -0.31 | 32.36 2.41 -0.21 | 34.81 2.54 -0.08 | 36.81 2.67 0.00 | 41.11 3.04 -0.04 | 48.22 4.38 0.00 | 50.16 4.39 -0.04 | 49.01 4.22 -1.30 | 45.10 4.24 -0.04 | 40.76 3.19 -0.88 | 31.70 2.27 0.00 | 28.24 2.57 0.00 |
| NYPA____HELLGATE_GT1 24158 | 23.37 1.57 -0.01 | 22.55 1.15 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.48 1.05 0.01 | 26.87 1.92 0.01 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.16 2.47 -0.30 | 32.62 2.68 -0.20 | 35.09 2.83 -0.08 | 37.11 2.97 0.01 | 41.06 3.04 0.01 | 48.13 4.30 0.01 | 49.79 4.07 0.01 | 47.22 3.74 0.01 | 44.64 3.84 0.01 | 39.62 2.94 0.01 | 31.78 2.36 0.01 | 27.79 2.11 -0.01 |
| NYPA____HELLGATE_GT2 24159 | 23.37 1.57 -0.01 | 22.55 1.15 0.00 | 21.60 1.13 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.48 1.05 0.01 | 26.87 1.92 0.01 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.12 2.22 0.01 | 27.09 2.26 0.01 | 28.71 2.35 -0.22 | 30.16 2.47 -0.30 | 32.62 2.68 -0.20 | 35.09 2.83 -0.08 | 37.11 2.97 0.01 | 41.06 3.04 0.01 | 48.13 4.30 0.01 | 49.79 4.07 0.01 | 47.22 3.74 0.01 | 44.64 3.84 0.01 | 39.62 2.94 0.01 | 31.78 2.36 0.01 | 27.79 2.11 -0.01 |
| NYS_BARGE__HYD 23848 | 21.84 0.04 0.00 | 21.01 -0.38 0.00 | 20.16 -0.31 0.00 | 19.18 -0.25 0.00 | 19.13 -0.33 0.00 | 21.12 -0.32 0.00 | 24.09 -0.30 0.58 | 25.52 -0.44 1.24 | 24.66 -0.20 0.53 | 24.60 -0.02 0.29 | 24.74 0.20 0.29 | 25.77 0.10 0.47 | 26.30 -0.27 0.82 | 28.28 -0.33 1.14 | 30.65 -0.22 1.31 | 32.22 -0.37 1.55 | 36.08 -0.26 1.68 | 40.48 -0.48 2.88 | 43.80 0.14 2.07 | 41.90 0.17 1.76 | 38.19 -0.16 2.46 | 33.98 -0.77 1.94 | 28.96 -0.18 0.30 | 25.52 -0.15 0.00 |
| OAK ORCHARD__HYD 24046 | 21.92 0.13 0.00 | 21.20 -0.19 0.00 | 20.29 -0.18 0.00 | 19.29 -0.14 0.00 | 19.27 -0.19 0.00 | 21.29 -0.15 0.00 | 24.55 0.20 0.61 | 26.11 0.24 1.33 | 25.16 0.33 0.57 | 25.05 0.45 0.31 | 25.12 0.60 0.31 | 26.21 0.57 0.51 | 26.93 0.41 0.88 | 29.03 0.51 1.22 | 31.36 0.58 1.41 | 33.10 0.62 1.67 | 36.98 0.76 1.81 | 41.63 0.88 3.09 | 44.84 1.33 2.22 | 42.77 1.17 1.89 | 39.15 0.98 2.64 | 35.02 0.40 2.08 | 29.61 0.50 0.32 | 25.83 0.15 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 22.21 0.41 0.00 | 21.57 0.17 0.00 | 20.61 0.14 0.00 | 19.57 0.14 0.00 | 19.62 0.16 0.00 | 21.63 0.19 0.00 | 25.23 0.42 0.15 | 27.39 0.52 0.33 | 25.79 0.53 0.14 | 25.38 0.55 0.08 | 25.35 0.60 0.08 | 26.65 0.60 0.09 | 27.77 0.55 0.17 | 30.07 0.59 0.27 | 32.56 0.71 0.33 | 34.49 0.75 0.41 | 38.46 0.87 0.45 | 44.39 1.32 0.76 | 46.65 1.46 0.55 | 44.41 1.39 0.47 | 41.31 1.14 0.65 | 36.95 0.77 0.51 | 30.03 0.68 0.08 | 26.21 0.54 0.00 |

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| OCC_CHEM___DRP 24175 | 21.38 -0.41 0.00 | 20.60 -0.79 0.00 | 19.67 -0.80 0.00 | 18.77 -0.66 0.00 | 18.74 -0.72 0.00 | 20.69 -0.75 0.00 | 23.66 -0.70 0.60 | 25.04 -0.92 1.24 | 24.21 -0.66 0.53 | 24.15 -0.47 0.28 | 24.30 -0.25 0.29 | 25.30 -0.37 0.47 | 25.68 -0.90 0.82 | 27.57 -1.04 1.14 | 30.07 -0.80 1.31 | 31.64 -0.96 1.55 | 35.29 -1.06 1.68 | 39.70 -1.27 2.87 | 42.71 -0.96 2.06 | 40.86 -0.87 1.75 | 37.18 -1.18 2.45 | 33.18 -1.58 1.94 | 28.34 -0.79 0.29 | 24.67 -1.00 0.00 |
| OH_GEN_PROXY 24063 | 21.66 -0.13 0.00 | 20.88 -0.51 0.00 | 20.00 -0.47 0.00 | 19.00 -0.43 0.00 | 18.99 -0.47 0.00 | 20.97 -0.47 0.00 | 23.98 -0.40 0.58 | 25.37 -0.57 1.26 | 24.53 -0.33 0.54 | 24.47 -0.15 0.29 | 24.59 0.05 0.29 | 25.61 -0.05 0.48 | 26.13 -0.44 0.83 | 28.12 -0.48 1.15 | 30.40 -0.45 1.33 | 31.96 -0.61 1.57 | 35.71 -0.61 1.70 | 40.00 -0.92 2.91 | 43.32 -0.32 2.09 | 41.44 -0.26 1.78 | 37.75 -0.57 2.49 | 33.66 -1.07 1.97 | 28.69 -0.44 0.30 | 25.29 -0.38 0.00 |
| OLIN_CORP_DRP 24177 | 21.53 -0.26 0.00 | 20.73 -0.66 0.00 | 19.82 -0.66 0.00 | 18.91 -0.52 0.00 | 18.88 -0.58 0.00 | 20.82 -0.62 0.00 | 23.77 -0.62 0.57 | 25.11 -0.87 1.22 | 24.29 -0.58 0.52 | 24.25 -0.37 0.28 | 24.38 -0.17 0.28 | 25.39 -0.29 0.46 | 25.77 -0.82 0.81 | 27.64 -0.98 1.12 | 30.12 -0.77 1.29 | 31.73 -0.89 1.53 | 35.38 -0.99 1.66 | 39.95 -1.05 2.84 | 42.96 -0.73 2.04 | 41.10 -0.65 1.73 | 37.41 -0.98 2.43 | 33.39 -1.39 1.91 | 28.46 -0.68 0.29 | 24.83 -0.85 0.00 |
| OLIN_CORP_DSASP 323712 | 21.38 -0.41 0.00 | 20.60 -0.79 0.00 | 19.74 -0.74 0.00 | 18.77 -0.66 0.00 | 18.74 -0.72 0.00 | 20.69 -0.75 0.00 | 23.64 -0.72 0.60 | 25.04 -0.92 1.24 | 24.21 -0.66 0.53 | 24.15 -0.47 0.28 | 24.30 -0.25 0.29 | 25.30 -0.37 0.47 | 25.81 -0.77 0.82 | 27.78 -0.83 1.14 | 30.07 -0.80 1.31 | 31.54 -1.06 1.55 | 35.25 -1.10 1.68 | 39.39 -1.58 2.87 | 42.67 -1.01 2.06 | 40.81 -0.92 1.75 | 37.18 -1.18 2.45 | 33.14 -1.61 1.94 | 28.34 -0.79 0.29 | 24.96 -0.72 0.00 |
| ONEIDA_HERK_LFGE 323681 | 22.20 0.41 0.00 | 21.74 0.34 0.00 | 20.88 0.41 0.00 | 19.80 0.37 0.00 | 19.85 0.39 0.00 | 21.83 0.39 0.00 | 25.48 0.52 0.00 | 27.96 0.76 0.00 | 26.09 0.69 0.00 | 25.53 0.62 0.00 | 25.43 0.60 0.00 | 26.79 0.65 0.00 | 28.14 0.74 0.00 | 30.55 0.80 0.00 | 33.05 0.87 0.00 | 35.14 0.99 0.00 | 39.25 1.22 0.00 | 45.41 1.58 0.00 | 47.51 1.78 0.00 | 45.18 1.69 0.00 | 42.20 1.39 0.00 | 37.68 0.99 0.00 | 30.11 0.68 0.00 | 26.24 0.56 0.00 |
| ONEIDA___115KV_TB4 55905 | 22.45 0.65 0.00 | 21.91 0.51 0.00 | 20.96 0.49 0.00 | 19.88 0.45 0.00 | 19.93 0.47 0.00 | 21.98 0.54 0.00 | 25.59 0.77 0.15 | 27.81 0.92 0.32 | 26.10 0.84 0.14 | 25.63 0.80 0.07 | 25.56 0.79 0.07 | 26.88 0.86 0.12 | 28.15 0.96 0.21 | 30.50 1.04 0.29 | 33.04 1.19 0.34 | 35.05 1.30 0.40 | 39.20 1.60 0.43 | 45.25 2.15 0.74 | 47.58 2.38 0.53 | 45.30 2.26 0.45 | 42.15 1.96 0.63 | 37.74 1.54 0.50 | 30.50 1.15 0.08 | 26.57 0.90 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 21.84 0.04 0.00 | 21.27 -0.13 0.00 | 20.33 -0.14 0.00 | 19.27 -0.16 0.00 | 19.32 -0.14 0.00 | 21.33 -0.11 0.00 | 24.83 0.07 0.20 | 26.93 0.16 0.43 | 25.39 0.18 0.19 | 25.03 0.22 0.10 | 24.96 0.22 0.10 | 26.24 0.26 0.16 | 27.36 0.25 0.29 | 29.67 0.33 0.40 | 32.11 0.39 0.46 | 33.98 0.38 0.54 | 37.90 0.46 0.59 | 43.57 0.75 1.01 | 45.83 0.82 0.72 | 43.69 0.83 0.62 | 40.61 0.65 0.86 | 36.42 0.40 0.68 | 29.68 0.35 0.10 | 25.86 0.18 0.00 |
| ONONDAGA___COGEN 23986 | 21.84 0.04 0.00 | 21.27 -0.13 0.00 | 20.31 -0.16 0.00 | 19.27 -0.16 0.00 | 19.32 -0.14 0.00 | 21.31 -0.13 0.00 | 25.01 0.05 0.00 | 27.34 0.14 0.00 | 25.55 0.15 0.00 | 25.11 0.20 0.00 | 25.06 0.22 0.00 | 26.37 0.24 0.00 | 27.64 0.25 0.00 | 30.07 0.33 0.00 | 32.57 0.39 0.00 | 34.52 0.38 0.00 | 38.49 0.46 0.00 | 44.58 0.75 0.00 | 46.56 0.82 0.00 | 44.27 0.78 0.00 | 41.47 0.65 0.00 | 37.10 0.40 0.00 | 29.81 0.38 0.00 | 25.83 0.15 0.00 |
| ONTARIO___LFGE 23819 | 22.16 0.37 0.00 | 21.46 0.06 0.00 | 20.49 0.02 0.00 | 19.45 0.02 0.00 | 19.50 0.04 0.00 | 21.57 0.13 0.00 | 25.04 0.45 0.37 | 26.99 0.60 0.81 | 25.66 0.61 0.35 | 25.37 0.65 0.19 | 25.37 0.72 0.19 | 26.54 0.71 0.31 | 27.50 0.63 0.53 | 29.78 0.77 0.74 | 32.27 0.93 0.85 | 34.09 0.95 1.01 | 38.04 1.10 1.09 | 43.46 1.49 1.87 | 46.27 1.88 1.34 | 44.21 1.87 1.14 | 40.81 1.59 1.60 | 36.35 0.92 1.26 | 30.15 0.91 0.19 | 26.24 0.56 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 22.12 0.33 0.00 | 21.29 -0.11 0.00 | 20.37 -0.10 0.00 | 19.35 -0.08 0.00 | 19.33 -0.14 0.00 | 21.33 -0.11 0.00 | 24.31 -0.17 0.48 | 26.11 -0.05 1.04 | 25.11 0.15 0.45 | 25.02 0.35 0.24 | 25.14 0.55 0.24 | 26.19 0.44 0.39 | 26.79 0.08 0.68 | 28.94 0.15 0.95 | 31.41 0.32 1.10 | 33.02 0.17 1.30 | 36.74 0.11 1.41 | 41.47 0.04 2.41 | 44.64 0.64 1.73 | 42.75 0.74 1.47 | 39.12 0.37 2.06 | 34.77 -0.29 1.62 | 29.27 0.09 0.25 | 25.86 0.18 0.00 |
| ORANGEVILLE___ESR 323794 | 22.12 0.33 0.00 | 21.29 -0.11 0.00 | 20.37 -0.10 0.00 | 19.35 -0.08 0.00 | 19.33 -0.14 0.00 | 21.33 -0.11 0.00 | 24.31 -0.17 0.48 | 26.11 -0.05 1.04 | 25.11 0.15 0.45 | 25.02 0.35 0.24 | 25.14 0.55 0.24 | 26.19 0.44 0.39 | 26.79 0.08 0.68 | 28.94 0.15 0.95 | 31.41 0.32 1.10 | 33.02 0.17 1.30 | 36.74 0.11 1.41 | 41.47 0.04 2.41 | 44.64 0.64 1.73 | 42.75 0.74 1.47 | 39.12 0.37 2.06 | 34.77 -0.29 1.62 | 29.27 0.09 0.25 | 25.86 0.18 0.00 |
| OSWEGATCHIE___HYD 24044 | 21.66 -0.13 0.00 | 21.42 0.02 0.00 | 20.57 0.10 0.00 | 19.53 0.10 0.00 | 19.58 0.12 0.00 | 21.51 0.06 0.00 | 24.88 -0.07 0.00 | 27.28 0.08 0.00 | 25.37 -0.03 0.00 | 24.81 -0.10 0.00 | 24.71 -0.12 0.00 | 26.01 -0.13 0.00 | 27.31 -0.08 0.00 | 29.51 -0.24 0.00 | 31.76 -0.42 0.00 | 33.70 -0.44 0.00 | 37.69 -0.34 0.00 | 43.00 -0.83 0.00 | 44.91 -0.82 0.00 | 42.96 -0.52 0.00 | 40.08 -0.73 0.00 | 36.29 -0.40 0.00 | 29.19 -0.24 0.00 | 25.50 -0.18 0.00 |
| OSWEGO___5 23606 | 21.44 -0.35 0.00 | 20.93 -0.47 0.00 | 20.00 -0.47 0.00 | 18.98 -0.45 0.00 | 19.01 -0.45 0.00 | 20.97 -0.47 0.00 | 26.29 -0.42 -1.76 | 30.61 -0.41 -3.81 | 26.68 -0.36 -1.63 | 25.46 -0.32 -0.88 | 25.42 -0.30 -0.89 | 27.25 -0.34 -1.45 | 29.55 -0.36 -2.51 | 32.89 -0.36 -3.50 | 35.83 -0.38 -4.03 | 38.47 -0.44 -4.77 | 42.75 -0.45 -5.17 | 52.28 -0.40 -8.84 | 51.71 -0.37 -6.35 | 48.58 -0.30 -5.40 | 48.05 -0.33 -7.56 | 42.18 -0.48 -5.96 | 30.02 -0.32 -0.91 | 25.34 -0.33 0.00 |
| OSWEGO___6 23613 | 21.44 -0.35 0.00 | 20.93 -0.47 0.00 | 20.00 -0.47 0.00 | 18.98 -0.45 0.00 | 19.01 -0.45 0.00 | 20.97 -0.47 0.00 | 26.29 -0.42 -1.76 | 30.61 -0.41 -3.81 | 26.68 -0.36 -1.63 | 25.46 -0.32 -0.88 | 25.42 -0.30 -0.89 | 27.25 -0.34 -1.45 | 29.55 -0.36 -2.51 | 32.89 -0.36 -3.50 | 35.83 -0.38 -4.03 | 38.47 -0.44 -4.77 | 42.75 -0.45 -5.17 | 52.28 -0.40 -8.84 | 51.71 -0.37 -6.35 | 48.58 -0.30 -5.40 | 48.05 -0.33 -7.56 | 42.18 -0.48 -5.96 | 30.02 -0.32 -0.91 | 25.34 -0.33 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 21.97 0.17 0.00 | 21.14 -0.26 0.00 | 20.18 -0.29 0.00 | 19.27 -0.16 0.00 | 19.23 -0.23 0.00 | 21.23 -0.21 0.00 | 24.19 -0.20 0.57 | 25.71 -0.27 1.21 | 24.85 -0.03 0.52 | 24.78 0.15 0.28 | 24.95 0.40 0.28 | 25.99 0.31 0.46 | 26.40 -0.19 0.80 | 28.39 -0.24 1.11 | 31.00 0.10 1.28 | 32.66 0.03 1.52 | 36.42 0.04 1.65 | 41.06 0.04 2.82 | 44.12 0.41 2.02 | 42.20 0.43 1.72 | 38.45 0.04 2.41 | 34.24 -0.55 1.90 | 29.08 -0.06 0.29 | 25.39 -0.28 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OXBOW___BTM 323836 | 21.68 -0.11 0.00 | 20.88 -0.51 0.00 | 20.02 -0.45 0.00 | 19.02 -0.41 0.00 | 18.99 -0.47 0.00 | 20.97 -0.47 0.00 | 23.90 -0.47 0.58 | 25.40 -0.57 1.23 | 24.54 -0.33 0.53 | 24.50 -0.12 0.28 | 24.65 0.10 0.28 | 25.67 0.00 0.47 | 26.20 -0.38 0.81 | 28.23 -0.39 1.12 | 30.57 -0.32 1.30 | 32.10 -0.51 1.53 | 35.91 -0.45 1.66 | 40.16 -0.83 2.84 | 43.42 -0.27 2.04 | 41.57 -0.17 1.74 | 37.85 -0.53 2.43 | 33.71 -1.07 1.92 | 28.76 -0.38 0.29 | 25.34 -0.33 0.00 |
| OXBOW____ 24026 | 21.68 -0.11 0.00 | 20.88 -0.51 0.00 | 19.94 -0.53 0.00 | 19.02 -0.41 0.00 | 18.99 -0.47 0.00 | 20.97 -0.47 0.00 | 23.93 -0.45 0.58 | 25.40 -0.57 1.23 | 24.54 -0.33 0.53 | 24.48 -0.15 0.28 | 24.65 0.10 0.28 | 25.67 0.00 0.47 | 26.07 -0.52 0.81 | 28.03 -0.59 1.12 | 30.57 -0.32 1.30 | 32.20 -0.41 1.53 | 35.91 -0.46 1.66 | 40.42 -0.57 2.84 | 43.46 -0.23 2.04 | 41.57 -0.17 1.74 | 37.85 -0.53 2.43 | 33.75 -1.03 1.92 | 28.76 -0.38 0.29 | 25.06 -0.62 0.00 |
| OXY_CHEM_DSASP 323612 | 21.38 -0.41 0.00 | 20.60 -0.79 0.00 | 19.67 -0.80 0.00 | 18.77 -0.66 0.00 | 18.74 -0.72 0.00 | 20.69 -0.75 0.00 | 23.66 -0.70 0.60 | 25.04 -0.92 1.24 | 24.21 -0.66 0.53 | 24.15 -0.47 0.28 | 24.30 -0.25 0.29 | 25.30 -0.37 0.47 | 25.68 -0.90 0.82 | 27.57 -1.04 1.14 | 30.07 -0.80 1.31 | 31.64 -0.96 1.55 | 35.29 -1.06 1.68 | 39.70 -1.27 2.87 | 42.71 -0.96 2.06 | 40.86 -0.87 1.75 | 37.18 -1.18 2.45 | 33.18 -1.58 1.94 | 28.34 -0.79 0.29 | 24.67 -1.00 0.00 |
| OZONE_PARK_ESR 323760 | 23.40 1.61 0.00 | 22.64 1.24 0.00 | 21.64 1.17 0.00 | 20.50 1.07 0.00 | 20.53 1.07 0.00 | 22.64 1.20 0.00 | 27.03 2.07 0.00 | 29.65 2.45 0.00 | 27.86 2.46 0.00 | 27.28 2.37 0.00 | 27.27 2.43 0.00 | 28.90 2.54 -0.22 | 30.39 2.68 -0.31 | 32.90 2.94 -0.21 | 35.36 3.09 -0.08 | 37.32 3.18 0.00 | 41.45 3.42 0.00 | 48.61 4.78 0.00 | 50.49 4.76 0.00 | 47.83 4.35 0.00 | 44.90 4.08 0.00 | 40.03 3.34 0.00 | 32.02 2.59 0.00 | 28.01 2.34 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 21.38 -0.41 0.00 | 20.60 -0.79 0.00 | 19.67 -0.80 0.00 | 18.77 -0.66 0.00 | 18.74 -0.72 0.00 | 20.69 -0.75 0.00 | 23.66 -0.70 0.60 | 25.04 -0.92 1.24 | 24.21 -0.66 0.53 | 24.15 -0.47 0.28 | 24.30 -0.25 0.29 | 25.30 -0.37 0.47 | 25.68 -0.90 0.82 | 27.57 -1.04 1.14 | 30.07 -0.80 1.31 | 31.64 -0.96 1.55 | 35.29 -1.06 1.68 | 39.70 -1.27 2.87 | 42.71 -0.96 2.06 | 40.86 -0.87 1.75 | 37.18 -1.18 2.45 | 33.18 -1.58 1.94 | 28.34 -0.79 0.29 | 24.67 -1.00 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 21.38 -0.41 0.00 | 20.60 -0.79 0.00 | 19.67 -0.80 0.00 | 18.77 -0.66 0.00 | 18.74 -0.72 0.00 | 20.69 -0.75 0.00 | 23.66 -0.70 0.60 | 25.04 -0.92 1.24 | 24.21 -0.66 0.53 | 24.15 -0.47 0.28 | 24.30 -0.25 0.29 | 25.30 -0.37 0.47 | 25.68 -0.90 0.82 | 27.57 -1.04 1.14 | 30.07 -0.80 1.31 | 31.64 -0.96 1.55 | 35.29 -1.06 1.68 | 39.70 -1.27 2.87 | 42.71 -0.96 2.06 | 40.86 -0.87 1.75 | 37.18 -1.18 2.45 | 33.18 -1.58 1.94 | 28.34 -0.79 0.29 | 24.67 -1.00 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 23.37 1.57 -0.01 | 22.55 1.16 0.00 | 21.61 1.13 -0.01 | 20.48 1.05 0.00 | 20.52 1.05 -0.01 | 22.49 1.05 0.00 | 26.86 1.90 0.00 | 29.45 2.26 0.01 | 27.68 2.29 0.01 | 27.09 2.19 0.01 | 27.06 2.24 0.01 | 28.71 2.35 -0.22 | 30.16 2.47 -0.30 | 32.65 2.71 -0.20 | 35.09 2.83 -0.08 | 37.04 2.90 0.01 | 41.11 3.08 0.00 | 48.09 4.25 0.00 | 49.85 4.12 0.00 | 47.22 3.74 0.00 | 44.45 3.63 0.00 | 39.63 2.94 0.00 | 31.79 2.35 0.00 | 27.89 2.21 -0.01 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 23.39 1.59 -0.01 | 22.57 1.18 0.00 | 21.65 1.17 -0.01 | 20.52 1.09 0.00 | 20.56 1.09 -0.01 | 22.53 1.09 0.00 | 26.91 1.95 0.00 | 29.48 2.28 0.01 | 27.68 2.29 0.01 | 27.07 2.17 0.01 | 27.04 2.21 0.01 | 28.68 2.33 -0.22 | 30.16 2.47 -0.30 | 32.65 2.71 -0.20 | 35.06 2.80 -0.08 | 37.01 2.87 0.01 | 41.11 3.08 0.00 | 48.04 4.21 0.00 | 49.85 4.12 0.00 | 47.27 3.78 0.00 | 44.53 3.71 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 28.02 2.34 -0.01 |
| PATROON__115KV_TB1 80586 | 22.42 0.63 0.00 | 21.89 0.49 0.00 | 20.94 0.47 0.00 | 19.92 0.49 0.00 | 19.91 0.45 0.00 | 21.93 0.49 0.00 | 25.71 0.75 0.00 | 27.72 0.52 0.00 | 25.83 0.43 0.00 | 25.33 0.42 0.00 | 25.21 0.37 0.00 | 26.42 0.39 0.12 | 27.70 0.47 0.16 | 30.17 0.54 0.11 | 32.75 0.61 0.04 | 34.86 0.72 0.00 | 38.87 0.84 0.00 | 45.28 1.45 0.00 | 47.29 1.55 0.00 | 44.88 1.39 0.00 | 42.08 1.27 0.00 | 37.61 0.92 0.00 | 30.08 0.65 0.00 | 26.29 0.62 0.00 |
| PATTRSNVILLE__SOLAR 323815 | 22.82 1.02 0.00 | 22.27 0.88 0.00 | 21.29 0.82 0.00 | 20.21 0.78 0.00 | 20.24 0.78 0.00 | 22.36 0.92 0.00 | 26.21 1.25 0.00 | 28.48 1.28 0.00 | 26.52 1.12 0.00 | 25.93 1.02 0.00 | 25.83 0.99 0.00 | 27.07 1.02 0.09 | 28.40 1.12 0.12 | 30.88 1.22 0.08 | 33.53 1.38 0.03 | 35.75 1.61 0.00 | 39.89 1.86 0.00 | 46.60 2.76 0.00 | 48.75 3.02 0.00 | 46.31 2.82 0.00 | 43.51 2.69 0.00 | 38.71 2.02 0.00 | 31.02 1.59 0.00 | 27.06 1.39 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 22.38 0.59 0.00 | 21.50 0.11 0.00 | 20.53 0.06 0.00 | 19.59 0.16 0.00 | 19.58 0.12 0.00 | 21.61 0.17 0.00 | 23.96 -0.47 0.53 | 25.63 -0.44 1.14 | 24.71 -0.20 0.49 | 24.65 0.00 0.26 | 24.82 0.25 0.26 | 25.86 0.16 0.43 | 26.23 -0.41 0.75 | 28.28 -0.42 1.05 | 30.88 -0.10 1.20 | 32.55 -0.17 1.43 | 36.26 -0.23 1.55 | 40.93 -0.26 2.64 | 43.88 0.05 1.90 | 42.00 0.13 1.61 | 38.23 -0.33 2.26 | 34.07 -0.84 1.78 | 28.78 -0.38 0.27 | 25.86 0.18 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 23.21 1.42 0.00 | 22.47 1.07 0.00 | 21.50 1.02 0.00 | 20.36 0.93 0.00 | 20.38 0.91 0.00 | 22.47 1.03 0.00 | 26.78 1.82 0.00 | 29.24 2.04 0.00 | 27.41 2.01 0.00 | 26.88 1.97 0.00 | 26.77 1.94 0.00 | 28.41 2.07 -0.21 | 29.93 2.25 -0.29 | 32.47 2.53 -0.19 | 34.93 2.67 -0.08 | 36.98 2.83 0.00 | 41.22 3.19 0.00 | 48.35 4.52 0.00 | 50.21 4.48 0.00 | 47.61 4.13 0.00 | 44.57 3.76 0.00 | 39.67 2.97 0.00 | 31.67 2.24 0.00 | 27.76 2.08 0.00 |
| PEEKSKILL____ 23653 | 23.10 1.31 0.00 | 22.36 0.96 0.00 | 21.37 0.90 0.00 | 20.28 0.85 0.00 | 20.30 0.84 0.00 | 22.38 0.94 0.00 | 26.66 1.70 0.00 | 29.16 1.96 0.00 | 27.35 1.96 0.00 | 26.80 1.89 0.00 | 26.75 1.91 0.00 | 28.35 1.99 -0.22 | 29.76 2.06 -0.31 | 32.21 2.26 -0.20 | 34.65 2.38 -0.08 | 36.71 2.56 0.00 | 40.73 2.70 0.00 | 47.78 3.95 0.00 | 49.62 3.89 0.00 | 47.05 3.57 0.00 | 44.33 3.51 0.00 | 39.30 2.61 0.00 | 31.46 2.03 0.00 | 27.47 1.80 0.00 |
| PGE MADISON__WINDPWR 24146 | 23.69 1.89 0.00 | 22.96 1.56 0.00 | 21.88 1.41 0.00 | 20.71 1.28 0.00 | 20.78 1.32 0.00 | 22.99 1.54 0.00 | 26.87 2.05 0.13 | 29.27 2.37 0.29 | 27.38 2.11 0.13 | 26.81 1.97 0.07 | 26.63 1.86 0.07 | 28.18 2.12 0.08 | 29.57 2.33 0.15 | 32.06 2.56 0.24 | 34.81 2.93 0.30 | 37.09 3.31 0.36 | 41.74 4.11 0.40 | 48.59 5.43 0.68 | 51.28 6.04 0.49 | 48.90 5.83 0.41 | 45.50 5.27 0.58 | 40.42 4.18 0.46 | 32.57 3.21 0.07 | 28.30 2.62 0.00 |
| PIERCEFIELD__HYD 23852 | 21.44 -0.35 0.00 | 21.40 0.00 0.00 | 20.49 0.02 0.00 | 19.45 0.02 0.00 | 19.48 0.02 0.00 | 21.44 0.00 0.00 | 24.64 -0.32 0.00 | 26.96 -0.24 0.00 | 25.09 -0.30 0.00 | 24.56 -0.35 0.00 | 24.51 -0.32 0.00 | 25.80 -0.34 0.00 | 27.09 -0.30 0.00 | 29.15 -0.59 0.00 | 31.25 -0.93 0.00 | 33.12 -1.02 0.00 | 37.04 -0.99 0.00 | 41.38 -2.45 0.00 | 42.99 -2.74 0.00 | 41.18 -2.30 0.00 | 39.31 -1.51 0.00 | 35.48 -1.21 0.00 | 28.75 -0.68 0.00 | 25.21 -0.46 0.00 |

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| PINELAWN_CC_1 323563 | 23.45 1.66 0.00 | 22.66 1.26 0.00 | 21.49 1.02 0.00 | 20.54 1.11 0.00 | 20.45 0.99 0.00 | 22.71 1.26 0.00 | 26.86 1.90 0.00 | 29.73 2.53 0.00 | 27.86 2.46 0.00 | 27.28 2.37 0.00 | 27.12 2.28 0.00 | 28.87 2.51 -0.22 | 30.28 2.57 -0.31 | 32.51 2.56 -0.21 | 35.00 2.73 -0.08 | 36.98 2.83 0.00 | 41.19 3.15 0.00 | 48.44 4.60 0.00 | 50.35 4.62 0.00 | 47.89 4.35 -0.06 | 45.14 4.32 0.00 | 39.96 3.23 -0.04 | 31.84 2.41 0.00 | 28.24 2.57 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.49 1.02 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.69 2.29 0.00 | 27.10 2.19 0.00 | 27.07 2.24 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.06 2.80 -0.08 | 37.11 2.97 0.00 | 41.11 3.08 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.48 4.00 0.00 | 44.73 3.92 0.00 | 39.63 2.94 0.00 | 31.76 2.32 0.00 | 27.70 2.03 0.00 |
| PJM_GEN_KEystone 24065 | 22.38 0.59 0.00 | 21.61 0.21 0.00 | 20.68 0.20 0.00 | 19.64 0.21 0.00 | 19.66 0.19 0.00 | 21.70 0.26 0.00 | 25.22 0.52 0.26 | 27.22 0.60 0.57 | 25.86 0.71 0.25 | 25.55 0.77 0.13 | 25.57 0.87 0.13 | 26.89 0.86 0.11 | 27.80 0.63 0.23 | 30.03 0.71 0.42 | 32.42 0.80 0.57 | 34.21 0.79 0.72 | 38.13 0.88 0.78 | 43.82 1.31 1.33 | 46.33 1.56 0.96 | 44.15 1.48 0.81 | 40.90 1.22 1.14 | 36.38 0.59 0.90 | 29.91 0.62 0.14 | 26.34 0.67 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 23.17 1.37 0.00 | 22.40 1.01 0.00 | 21.27 0.80 0.00 | 20.31 0.88 0.00 | 20.24 0.78 0.00 | 22.45 1.01 0.00 | 26.56 1.60 0.00 | 29.35 2.15 0.00 | 27.53 2.13 0.00 | 26.98 2.07 0.00 | 26.85 2.01 0.00 | 28.56 2.20 -0.22 | 29.98 2.27 -0.31 | 32.21 2.26 -0.21 | 34.65 2.38 -0.08 | 36.64 2.49 0.00 | 40.73 2.70 0.00 | 47.82 3.99 0.00 | 49.71 3.98 0.00 | 47.31 3.83 0.00 | 44.65 3.84 0.00 | 39.56 2.86 0.00 | 31.46 2.03 0.00 | 27.83 2.16 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 23.19 1.40 0.00 | 22.40 1.01 0.00 | 21.39 0.92 0.00 | 20.31 0.88 0.00 | 20.34 0.88 0.00 | 22.41 0.97 0.00 | 26.76 1.80 0.00 | 29.35 2.15 0.00 | 27.61 2.21 0.00 | 27.05 2.14 0.00 | 27.02 2.19 0.00 | 28.67 2.30 -0.22 | 30.09 2.38 -0.31 | 32.57 2.62 -0.21 | 35.00 2.73 -0.08 | 37.01 2.87 0.00 | 40.96 2.93 0.00 | 48.09 4.25 0.00 | 49.85 4.12 0.00 | 47.26 3.78 0.00 | 44.57 3.75 0.00 | 39.52 2.83 0.00 | 31.67 2.24 0.00 | 27.60 1.93 0.00 |
| PLATSBRG_115KV_PMLD1 355749 | 21.92 0.13 0.00 | 21.78 0.39 0.00 | 20.76 0.29 0.00 | 19.72 0.29 0.00 | 19.73 0.27 0.00 | 21.68 0.24 0.00 | 24.96 0.00 0.00 | 27.42 0.22 0.00 | 25.58 0.18 0.00 | 25.13 0.22 0.00 | 24.93 0.10 0.00 | 26.45 0.31 0.00 | 27.73 0.33 0.00 | 29.83 0.09 0.00 | 32.21 0.03 0.00 | 34.11 -0.03 0.00 | 38.45 0.42 0.00 | 42.56 -1.27 0.00 | 43.40 -2.33 0.00 | 41.87 -1.61 0.00 | 39.10 -1.71 0.00 | 35.63 -1.06 0.00 | 29.14 -0.29 0.00 | 25.32 -0.36 0.00 |
| PLEASANTVLY___LBMP 24000 | 22.95 1.15 0.00 | 22.23 0.83 0.00 | 21.27 0.80 0.00 | 20.17 0.74 0.00 | 20.20 0.74 0.00 | 22.28 0.84 0.00 | 26.43 1.47 0.00 | 28.86 1.66 0.00 | 27.02 1.63 0.00 | 26.45 1.54 0.00 | 26.37 1.54 0.00 | 28.01 1.62 -0.25 | 29.43 1.70 -0.34 | 31.85 1.87 -0.23 | 34.21 1.93 -0.09 | 36.19 2.05 0.00 | 40.27 2.24 0.00 | 47.12 3.29 0.00 | 49.07 3.34 0.00 | 46.53 3.04 0.00 | 43.63 2.82 0.00 | 38.90 2.20 0.00 | 31.14 1.71 0.00 | 27.29 1.62 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 23.08 1.29 0.00 | 22.36 0.96 0.00 | 21.39 0.92 0.00 | 20.27 0.84 0.00 | 20.30 0.84 0.00 | 22.38 0.94 0.00 | 26.61 1.65 0.00 | 29.08 1.88 0.00 | 27.28 1.88 0.00 | 26.70 1.79 0.00 | 26.65 1.81 0.00 | 28.28 1.91 -0.23 | 29.71 2.00 -0.31 | 32.19 2.23 -0.21 | 34.55 2.28 -0.08 | 36.54 2.39 0.00 | 40.69 2.66 0.00 | 47.65 3.81 0.00 | 49.53 3.80 0.00 | 46.96 3.48 0.00 | 44.04 3.22 0.00 | 39.26 2.57 0.00 | 31.40 1.97 0.00 | 27.52 1.85 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 23.08 1.29 0.00 | 22.36 0.96 0.00 | 21.39 0.92 0.00 | 20.27 0.84 0.00 | 20.30 0.84 0.00 | 22.38 0.94 0.00 | 26.61 1.65 0.00 | 29.08 1.88 0.00 | 27.28 1.88 0.00 | 26.70 1.79 0.00 | 26.65 1.81 0.00 | 28.28 1.91 -0.23 | 29.71 2.00 -0.31 | 32.19 2.23 -0.21 | 34.55 2.28 -0.08 | 36.54 2.39 0.00 | 40.69 2.66 0.00 | 47.65 3.81 0.00 | 49.53 3.80 0.00 | 46.96 3.48 0.00 | 44.04 3.22 0.00 | 39.26 2.57 0.00 | 31.40 1.97 0.00 | 27.52 1.85 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 22.99 1.20 0.00 | 22.25 0.86 0.00 | 21.29 0.82 0.00 | 20.19 0.76 0.00 | 20.22 0.76 0.00 | 22.28 0.84 0.00 | 26.56 1.60 0.00 | 29.00 1.80 0.00 | 27.15 1.75 0.00 | 26.55 1.64 0.00 | 26.45 1.61 0.00 | 27.91 1.70 -0.07 | 29.30 1.81 -0.09 | 31.83 2.02 -0.06 | 34.33 2.12 -0.03 | 36.40 2.25 0.00 | 40.58 2.55 0.00 | 47.56 3.73 0.00 | 49.53 3.80 0.00 | 46.92 3.44 0.00 | 44.00 3.18 0.00 | 39.23 2.53 0.00 | 31.34 1.91 0.00 | 27.47 1.80 0.00 |
| POLETTI____ 23519 | 23.23 1.44 0.00 | 22.47 1.07 0.00 | 21.50 1.02 0.00 | 20.36 0.93 0.00 | 20.39 0.93 0.00 | 22.47 1.03 0.00 | 26.81 1.85 0.00 | 29.40 2.20 0.00 | 27.63 2.24 0.00 | 27.05 2.14 0.00 | 27.02 2.19 0.00 | 28.66 2.30 -0.22 | 30.12 2.41 -0.31 | 32.63 2.68 -0.21 | 35.03 2.77 -0.08 | 36.98 2.83 0.00 | 41.03 3.00 0.00 | 48.13 4.30 0.00 | 49.94 4.21 0.00 | 47.31 3.83 0.00 | 44.41 3.59 0.00 | 39.56 2.86 0.00 | 31.73 2.30 0.00 | 27.76 2.08 0.00 |
| POMONA___ESR 323819 | 23.10 1.31 0.00 | 22.34 0.94 0.00 | 21.35 0.88 0.00 | 20.25 0.82 0.00 | 20.28 0.82 0.00 | 22.36 0.92 0.00 | 26.68 1.72 0.00 | 29.16 1.96 0.00 | 27.38 1.98 0.00 | 26.83 1.92 0.00 | 26.75 1.91 0.00 | 28.36 2.01 -0.21 | 29.74 2.06 -0.29 | 32.20 2.26 -0.20 | 34.61 2.35 -0.08 | 36.64 2.49 0.00 | 40.69 2.66 0.00 | 47.74 3.90 0.00 | 49.57 3.84 0.00 | 47.00 3.52 0.00 | 44.24 3.43 0.00 | 39.22 2.53 0.00 | 31.43 2.00 0.00 | 27.45 1.77 0.00 |
| PORT_JEFF_3 23555 | 23.47 1.68 0.00 | 22.72 1.33 0.00 | 21.49 1.02 0.00 | 20.58 1.15 0.00 | 20.49 1.03 0.00 | 22.77 1.33 0.00 | 26.83 1.87 0.00 | 29.91 2.67 -0.04 | 27.89 2.49 0.00 | 27.30 2.39 0.00 | 27.09 2.26 0.00 | 28.85 2.48 -0.22 | 30.25 2.55 -0.31 | 32.45 2.50 -0.21 | 34.94 2.67 -0.08 | 36.91 2.76 0.00 | 41.26 3.19 -0.04 | 48.35 4.52 0.00 | 50.30 4.53 -0.04 | 49.16 4.35 -1.32 | 45.23 4.37 -0.04 | 40.92 3.34 -0.89 | 31.79 2.36 0.00 | 28.30 2.62 0.00 |
| PORT_JEFF_4 23616 | 23.47 1.68 0.00 | 22.72 1.33 0.00 | 21.49 1.02 0.00 | 20.58 1.15 0.00 | 20.49 1.03 0.00 | 22.77 1.33 0.00 | 26.83 1.87 0.00 | 29.91 2.67 -0.04 | 27.89 2.49 0.00 | 27.30 2.39 0.00 | 27.09 2.26 0.00 | 28.85 2.48 -0.22 | 30.25 2.55 -0.31 | 32.45 2.50 -0.21 | 34.94 2.67 -0.08 | 36.91 2.76 0.00 | 41.26 3.19 -0.04 | 48.35 4.52 0.00 | 50.30 4.53 -0.04 | 49.16 4.35 -1.32 | 45.23 4.37 -0.04 | 40.92 3.34 -0.89 | 31.79 2.36 0.00 | 28.30 2.62 0.00 |
| PORT_JEFF_IC 23713 | 23.49 1.70 0.00 | 22.74 1.35 0.00 | 21.66 1.19 0.00 | 20.60 1.17 0.00 | 20.51 1.05 0.00 | 22.79 1.35 0.00 | 26.86 1.90 0.00 | 29.99 2.75 -0.04 | 27.91 2.51 0.00 | 27.30 2.39 0.00 | 27.12 2.28 0.00 | 28.87 2.51 -0.22 | 30.31 2.60 -0.31 | 32.60 2.65 -0.21 | 34.91 2.64 -0.08 | 36.91 2.77 0.00 | 41.34 3.27 -0.04 | 48.00 4.16 0.00 | 50.17 4.39 -0.04 | 48.97 4.09 -1.39 | 44.70 3.84 -0.04 | 41.00 3.38 -0.94 | 31.76 2.33 0.00 | 28.37 2.70 0.00 |

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| PPL PILGRIM_ST_GT1 24216 | 23.69 1.89 0.00 | 22.89 1.50 0.00 | 21.70 1.23 0.00 | 20.75 1.32 0.00 | 20.65 1.19 0.00 | 22.96 1.52 0.00 | 27.11 2.15 0.00 | 30.06 2.86 0.00 | 28.17 2.77 0.00 | 27.55 2.64 0.00 | 27.39 2.56 0.00 | 29.19 2.82 -0.22 | 30.58 2.88 -0.31 | 32.81 2.86 -0.21 | 35.33 3.06 -0.08 | 37.32 3.18 0.00 | 41.53 3.50 0.00 | 48.92 5.08 0.00 | 50.86 5.12 0.00 | 47.88 4.26 -0.13 | 45.10 4.28 0.00 | 39.97 3.19 -0.09 | 32.14 2.71 0.00 | 28.55 2.88 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 23.69 1.89 0.00 | 22.89 1.50 0.00 | 21.70 1.23 0.00 | 20.75 1.32 0.00 | 20.65 1.19 0.00 | 22.96 1.52 0.00 | 27.11 2.15 0.00 | 30.06 2.86 0.00 | 28.17 2.77 0.00 | 27.55 2.64 0.00 | 27.39 2.56 0.00 | 29.19 2.82 -0.22 | 30.58 2.88 -0.31 | 32.81 2.86 -0.21 | 35.33 3.06 -0.08 | 37.32 3.18 0.00 | 41.53 3.50 0.00 | 48.92 5.08 0.00 | 50.86 5.12 0.00 | 47.88 4.26 -0.13 | 45.10 4.28 0.00 | 39.97 3.19 -0.09 | 32.14 2.71 0.00 | 28.55 2.88 0.00 |
| PPL_SHRM_GT3 24213 | 23.32 1.52 0.00 | 22.62 1.22 0.00 | 21.33 0.86 0.00 | 20.50 1.07 0.00 | 20.38 0.91 0.00 | 22.66 1.22 0.00 | 26.63 1.67 0.00 | 29.88 2.64 -0.04 | 27.71 2.31 0.00 | 27.10 2.19 0.00 | 26.82 1.99 0.00 | 28.56 2.20 -0.22 | 29.95 2.25 -0.31 | 32.12 2.17 -0.21 | 34.61 2.35 -0.08 | 36.60 2.46 0.00 | 41.00 2.93 -0.04 | 48.13 4.30 0.00 | 50.07 4.30 -0.04 | 49.01 4.22 -1.31 | 45.14 4.28 -0.04 | 40.73 3.16 -0.88 | 31.49 2.06 0.00 | 28.06 2.39 0.00 |
| PPL_SHRM_GT4 24214 | 23.32 1.52 0.00 | 22.62 1.22 0.00 | 21.33 0.86 0.00 | 20.50 1.07 0.00 | 20.38 0.91 0.00 | 22.66 1.22 0.00 | 26.63 1.67 0.00 | 29.88 2.64 -0.04 | 27.71 2.31 0.00 | 27.10 2.19 0.00 | 26.82 1.99 0.00 | 28.56 2.20 -0.22 | 29.95 2.25 -0.31 | 32.12 2.17 -0.21 | 34.61 2.35 -0.08 | 36.60 2.46 0.00 | 41.00 2.93 -0.04 | 48.13 4.30 0.00 | 50.07 4.30 -0.04 | 49.01 4.22 -1.31 | 45.14 4.28 -0.04 | 40.73 3.16 -0.88 | 31.49 2.06 0.00 | 28.06 2.39 0.00 |
| PROJECT___ORANGE 1 24174 | 21.75 -0.04 0.00 | 21.18 -0.21 0.00 | 20.25 -0.23 0.00 | 19.20 -0.23 0.00 | 19.25 -0.21 0.00 | 21.25 -0.19 0.00 | 24.65 -0.02 0.29 | 26.63 0.05 0.63 | 25.21 0.08 0.27 | 24.89 0.12 0.14 | 24.84 0.15 0.15 | 26.08 0.18 0.24 | 27.15 0.16 0.41 | 29.38 0.21 0.58 | 31.81 0.29 0.66 | 33.60 0.24 0.79 | 37.44 0.27 0.85 | 42.91 0.53 1.46 | 45.24 0.55 1.05 | 43.12 0.52 0.89 | 39.98 0.41 1.25 | 35.93 0.22 0.98 | 29.52 0.24 0.15 | 25.73 0.05 0.00 |
| PROJECT___ORANGE 2 24166 | 21.75 -0.04 0.00 | 21.18 -0.21 0.00 | 20.25 -0.23 0.00 | 19.20 -0.23 0.00 | 19.25 -0.21 0.00 | 21.25 -0.19 0.00 | 24.65 -0.02 0.29 | 26.63 0.05 0.63 | 25.21 0.08 0.27 | 24.89 0.12 0.14 | 24.84 0.15 0.15 | 26.08 0.18 0.24 | 27.15 0.16 0.41 | 29.38 0.21 0.58 | 31.81 0.29 0.66 | 33.60 0.24 0.79 | 37.44 0.27 0.85 | 42.91 0.53 1.46 | 45.24 0.55 1.05 | 43.12 0.52 0.89 | 39.98 0.41 1.25 | 35.93 0.22 0.98 | 29.52 0.24 0.15 | 25.73 0.05 0.00 |
| PUCKETT___SOLAR 323809 | 22.58 0.78 0.00 | 21.93 0.54 0.00 | 20.96 0.49 0.00 | 19.88 0.45 0.00 | 19.93 0.47 0.00 | 22.02 0.58 0.00 | 25.72 0.90 0.14 | 27.90 1.01 0.31 | 26.16 0.89 0.13 | 25.69 0.85 0.07 | 25.58 0.82 0.07 | 26.92 0.86 0.08 | 28.12 0.88 0.16 | 30.48 0.98 0.25 | 33.00 1.13 0.31 | 34.99 1.23 0.38 | 39.17 1.56 0.41 | 45.36 2.23 0.71 | 47.78 2.56 0.51 | 45.57 2.52 0.43 | 42.49 2.28 0.61 | 37.87 1.65 0.48 | 30.68 1.33 0.07 | 26.78 1.10 0.00 |
| PYRITES___HYD 24023 | 21.64 -0.15 0.00 | 21.61 0.21 0.00 | 20.70 0.23 0.00 | 19.64 0.21 0.00 | 19.67 0.21 0.00 | 21.68 0.24 0.00 | 24.86 -0.10 0.00 | 27.23 0.03 0.00 | 25.30 -0.10 0.00 | 24.74 -0.17 0.00 | 24.69 -0.15 0.00 | 26.01 -0.13 0.00 | 27.29 -0.11 0.00 | 29.42 -0.33 0.00 | 31.67 -0.51 0.00 | 33.57 -0.58 0.00 | 37.50 -0.53 0.00 | 41.95 -1.88 0.00 | 43.67 -2.06 0.00 | 41.83 -1.65 0.00 | 39.96 -0.86 0.00 | 36.07 -0.62 0.00 | 29.11 -0.32 0.00 | 25.50 -0.18 0.00 |
| QUAKERRD_115KV_BK1 80622 | 21.36 -0.44 0.00 | 20.69 -0.71 0.00 | 19.78 -0.70 0.00 | 18.81 -0.62 0.00 | 18.80 -0.66 0.00 | 20.78 -0.66 0.00 | 23.96 -0.40 0.60 | 25.49 -0.41 1.31 | 24.53 -0.30 0.56 | 24.41 -0.20 0.30 | 24.46 -0.07 0.30 | 25.51 -0.13 0.50 | 26.21 -0.33 0.86 | 28.22 -0.33 1.20 | 30.58 -0.23 1.38 | 32.37 -0.14 1.63 | 36.14 -0.11 1.77 | 40.81 0.00 3.03 | 43.74 0.18 2.17 | 41.72 0.09 1.85 | 38.19 -0.04 2.59 | 34.28 -0.37 2.04 | 28.88 -0.24 0.31 | 25.09 -0.59 0.00 |
| QUENSRY_115KV_TB8 356137 | 23.19 1.39 0.00 | 22.55 1.16 0.00 | 21.68 1.21 0.00 | 20.58 1.15 0.00 | 20.59 1.13 0.00 | 22.77 1.33 0.00 | 26.11 1.15 0.00 | 28.29 1.09 0.00 | 26.31 0.91 0.00 | 25.78 0.87 0.00 | 25.68 0.84 0.00 | 26.70 0.68 0.12 | 28.11 0.88 0.17 | 30.53 0.89 0.11 | 32.97 0.84 0.05 | 35.24 1.09 0.00 | 39.36 1.33 0.00 | 46.07 2.24 0.00 | 48.20 2.47 0.00 | 45.74 2.26 0.00 | 42.82 2.00 0.00 | 38.09 1.39 0.00 | 30.67 1.24 0.00 | 26.86 1.18 0.00 |
| RAMAPO___LBMP 323565 | 23.03 1.24 0.00 | 22.27 0.88 0.00 | 21.31 0.84 0.00 | 20.21 0.78 0.00 | 20.24 0.78 0.00 | 22.32 0.88 0.00 | 26.58 1.62 0.00 | 29.08 1.88 0.00 | 27.28 1.88 0.00 | 26.70 1.79 0.00 | 26.65 1.81 0.00 | 28.23 1.88 -0.21 | 29.66 1.97 -0.29 | 32.08 2.14 -0.19 | 34.45 2.19 -0.08 | 36.43 2.29 0.00 | 40.54 2.51 0.00 | 47.43 3.59 0.00 | 49.35 3.61 0.00 | 46.79 3.30 0.00 | 43.84 3.02 0.00 | 39.08 2.39 0.00 | 31.31 1.88 0.00 | 27.42 1.75 0.00 |
| RANKINE____ 23646 | 22.23 0.44 0.00 | 21.40 0.00 0.00 | 20.41 -0.06 0.00 | 19.47 0.04 0.00 | 19.44 -0.02 0.00 | 21.46 0.02 0.00 | 24.27 -0.15 0.54 | 25.93 -0.11 1.16 | 25.03 0.13 0.50 | 24.97 0.32 0.27 | 25.11 0.55 0.27 | 26.17 0.47 0.44 | 26.58 -0.05 0.76 | 28.62 -0.06 1.06 | 31.25 0.29 1.23 | 32.93 0.24 1.45 | 36.61 0.15 1.57 | 41.37 0.22 2.69 | 44.40 0.59 1.93 | 42.49 0.65 1.64 | 38.68 0.16 2.30 | 34.48 -0.40 1.81 | 29.15 0.00 0.28 | 25.68 0.00 0.00 |
| RAVENSWOOD_GT2_1 24244 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.52 1.04 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.66 2.26 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.66 2.71 -0.21 | 35.07 2.80 -0.08 | 37.01 2.87 0.00 | 41.11 3.08 0.00 | 48.18 4.34 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.76 2.33 0.00 | 27.81 2.13 0.00 |
| RAVENSWOOD_GT2_2 24245 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.52 1.04 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.66 2.26 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.66 2.71 -0.21 | 35.07 2.80 -0.08 | 37.01 2.87 0.00 | 41.11 3.08 0.00 | 48.18 4.34 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.76 2.33 0.00 | 27.81 2.13 0.00 |
| RAVENSWOOD_GT2_3 24246 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.54 1.06 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.46 2.26 0.00 | 27.68 2.29 0.00 | 27.10 2.19 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.17 2.47 -0.31 | 32.66 2.71 -0.21 | 35.10 2.83 -0.08 | 37.05 2.90 0.00 | 41.15 3.12 0.00 | 48.18 4.34 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.79 2.35 0.00 | 27.81 2.13 0.00 |

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|---|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|
| RAVENSWOOD_GT2_4 24247 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.54 1.06 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.46 2.26 0.00 | 27.68 2.29 0.00 | 27.10 2.19 0.00 | 27.07 2.24 0.00 | 28.72 2.35 -0.22 | 30.17 2.47 -0.31 | 32.66 2.71 -0.21 | 35.10 2.83 -0.08 | 37.05 2.90 0.00 | 41.15 3.12 0.00 | 48.18 4.34 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.79 2.35 0.00 | 27.81 2.13 0.00 |
| RAVENSWOOD_GT3_1 24248 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.52 1.04 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.66 2.71 -0.21 | 35.07 2.80 -0.08 | 37.01 2.87 0.00 | 41.11 3.08 0.00 | 48.18 4.34 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.76 2.33 0.00 | 27.81 2.13 0.00 |
| RAVENSWOOD_GT3_2 24249 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.52 1.04 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.66 2.71 -0.21 | 35.07 2.80 -0.08 | 37.01 2.87 0.00 | 41.11 3.08 0.00 | 48.18 4.34 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.76 2.33 0.00 | 27.81 2.13 0.00 |
| RAVENSWOOD_GT3_3 24250 | 23.30 1.50 0.00 | 22.53 1.13 0.00 | 21.54 1.06 0.00 | 20.42 0.99 0.00 | 20.45 0.99 0.00 | 22.53 1.09 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.71 2.31 0.00 | 27.13 2.22 0.00 | 27.09 2.26 0.00 | 28.74 2.38 -0.22 | 30.20 2.49 -0.31 | 32.69 2.74 -0.21 | 35.13 2.86 -0.08 | 37.08 2.94 0.00 | 41.19 3.16 0.00 | 48.26 4.43 0.00 | 50.08 4.34 0.00 | 47.44 3.96 0.00 | 44.53 3.71 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.83 2.16 0.00 |
| RAVENSWOOD_GT3_4 24251 | 23.30 1.50 0.00 | 22.53 1.13 0.00 | 21.54 1.06 0.00 | 20.42 0.99 0.00 | 20.45 0.99 0.00 | 22.53 1.09 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.71 2.31 0.00 | 27.13 2.22 0.00 | 27.09 2.26 0.00 | 28.74 2.38 -0.22 | 30.20 2.49 -0.31 | 32.69 2.74 -0.21 | 35.13 2.86 -0.08 | 37.08 2.94 0.00 | 41.19 3.16 0.00 | 48.26 4.43 0.00 | 50.08 4.34 0.00 | 47.44 3.96 0.00 | 44.53 3.71 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.83 2.16 0.00 |
| RAVENSWOOD_GT_1 23729 | 23.39 1.59 -0.01 | 22.60 1.20 0.00 | 21.63 1.15 -0.01 | 20.50 1.07 0.00 | 20.54 1.07 -0.01 | 22.60 1.16 0.00 | 26.98 2.02 0.00 | 29.60 2.39 -0.01 | 27.83 2.41 -0.02 | 27.25 2.32 -0.02 | 33.85 2.36 -6.65 | 38.70 2.46 -10.10 | 38.43 2.60 -8.43 | 39.51 2.86 -6.91 | 38.93 2.99 -3.76 | 38.27 3.04 -1.08 | 41.30 3.27 0.00 | 48.31 4.47 0.00 | 50.08 4.34 0.00 | 47.44 3.96 0.00 | 44.61 3.80 0.00 | 39.85 3.12 -0.04 | 31.90 2.47 0.00 | 27.94 2.26 -0.01 |
| RAVENSWOOD_GT_10 24258 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.51 1.04 0.00 | 20.40 0.97 0.00 | 20.41 0.95 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.66 2.26 0.00 | 27.07 2.17 0.00 | 26.45 2.21 0.59 | 27.87 2.33 0.59 | 29.47 2.44 0.36 | 32.09 2.71 0.36 | 34.75 2.80 0.23 | 36.92 2.87 0.09 | 41.11 3.08 0.00 | 48.18 4.34 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.76 2.33 0.00 | 27.81 2.13 0.00 |
| RAVENSWOOD_GT_11 24259 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.51 1.04 0.00 | 20.40 0.97 0.00 | 20.41 0.95 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.66 2.26 0.00 | 27.07 2.17 0.00 | 26.45 2.21 0.59 | 27.87 2.33 0.59 | 29.47 2.44 0.36 | 32.09 2.71 0.36 | 34.75 2.80 0.23 | 36.92 2.87 0.09 | 41.11 3.08 0.00 | 48.18 4.34 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.76 2.33 0.00 | 27.81 2.13 0.00 |
| RAVENSWOOD_GT_4 24252 | 23.25 1.46 0.01 | 22.49 1.09 0.00 | 21.51 1.04 0.01 | 20.38 0.95 0.00 | 20.41 0.95 0.01 | 22.51 1.07 0.00 | 26.83 1.87 0.00 | 29.43 2.23 0.01 | 27.65 2.26 0.01 | 27.06 2.17 0.01 | 23.15 2.21 3.90 | 23.80 2.30 4.64 | 26.14 2.44 3.70 | 29.11 2.68 3.31 | 33.01 2.77 1.94 | 36.45 2.87 0.56 | 41.07 3.04 0.00 | 48.18 4.34 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.45 3.63 0.00 | 39.62 2.90 -0.03 | 31.76 2.33 0.00 | 27.78 2.11 0.01 |
| RAVENSWOOD_GT_5 24254 | 23.25 1.46 0.01 | 22.49 1.09 0.00 | 21.51 1.04 0.01 | 20.38 0.95 0.00 | 20.41 0.95 0.01 | 22.51 1.07 0.00 | 26.83 1.87 0.00 | 29.43 2.23 0.01 | 27.65 2.26 0.01 | 27.06 2.17 0.01 | 23.15 2.21 3.90 | 23.80 2.30 4.64 | 26.14 2.44 3.70 | 29.11 2.68 3.31 | 33.01 2.77 1.94 | 36.45 2.87 0.56 | 41.07 3.04 0.00 | 48.18 4.34 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.45 3.63 0.00 | 39.62 2.90 -0.03 | 31.76 2.33 0.00 | 27.78 2.11 0.01 |
| RAVENSWOOD_GT_6 24253 | 23.25 1.46 0.01 | 22.49 1.09 0.00 | 21.51 1.04 0.01 | 20.38 0.95 0.00 | 20.41 0.95 0.01 | 22.51 1.07 0.00 | 26.83 1.87 0.00 | 29.43 2.23 0.01 | 27.65 2.26 0.01 | 27.06 2.17 0.01 | 23.15 2.21 3.90 | 23.80 2.30 4.64 | 26.14 2.44 3.70 | 29.11 2.68 3.31 | 33.01 2.77 1.94 | 36.45 2.87 0.56 | 41.07 3.04 0.00 | 48.18 4.34 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.45 3.63 0.00 | 39.62 2.90 -0.03 | 31.76 2.33 0.00 | 27.78 2.11 0.01 |
| RAVENSWOOD_GT_7 24255 | 23.25 1.46 0.01 | 22.49 1.09 0.00 | 21.51 1.04 0.01 | 20.38 0.95 0.00 | 20.41 0.95 0.01 | 22.51 1.07 0.00 | 26.83 1.87 0.00 | 29.43 2.23 0.01 | 27.65 2.26 0.01 | 27.06 2.17 0.01 | 23.15 2.21 3.90 | 23.80 2.30 4.64 | 26.14 2.44 3.70 | 29.11 2.68 3.31 | 33.01 2.77 1.94 | 36.45 2.87 0.56 | 41.07 3.04 0.00 | 48.18 4.34 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.45 3.63 0.00 | 39.62 2.90 -0.03 | 31.76 2.33 0.00 | 27.78 2.11 0.01 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.51 1.04 0.00 | 20.40 0.97 0.00 | 20.41 0.95 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.66 2.26 0.00 | 27.07 2.17 0.00 | 26.45 2.21 0.59 | 27.87 2.33 0.59 | 29.47 2.44 0.36 | 32.09 2.71 0.36 | 34.75 2.80 0.23 | 36.92 2.87 0.09 | 41.11 3.08 0.00 | 48.18 4.34 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.76 2.33 0.00 | 27.81 2.13 0.00 |
| RAVENSWOOD_GT_9 24257 | 23.27 1.48 0.00 | 22.49 1.09 0.00 | 21.51 1.04 0.00 | 20.40 0.97 0.00 | 20.41 0.95 0.00 | 22.51 1.07 0.00 | 26.86 1.90 0.00 | 29.43 2.23 0.00 | 27.66 2.26 0.00 | 27.07 2.17 0.00 | 26.45 2.21 0.59 | 27.87 2.33 0.59 | 29.47 2.44 0.36 | 32.09 2.71 0.36 | 34.75 2.80 0.23 | 36.92 2.87 0.09 | 41.11 3.08 0.00 | 48.18 4.34 0.00 | 49.99 4.25 0.00 | 47.40 3.91 0.00 | 44.49 3.67 0.00 | 39.63 2.94 0.00 | 31.76 2.33 0.00 | 27.81 2.13 0.00 |
| RAVENSWOOD___1 23533 | 23.37 1.57 -0.01 | 22.57 1.18 0.00 | 21.60 1.13 -0.01 | 20.48 1.05 0.00 | 20.52 1.05 -0.01 | 22.58 1.14 0.00 | 26.98 2.02 0.00 | 29.57 2.37 -0.01 | 27.80 2.39 -0.02 | 27.22 2.29 -0.02 | 33.02 2.33 -5.85 | 36.91 2.46 -8.31 | 36.91 2.55 -6.96 | 38.38 2.80 -5.84 | 38.34 2.93 -3.23 | 38.16 3.11 -0.91 | 41.26 3.23 0.00 | 48.35 4.52 0.00 | 50.03 4.30 0.00 | 47.48 4.00 0.00 | 44.86 4.04 0.00 | 39.81 3.12 0.00 | 31.90 2.47 0.00 | 27.84 2.16 -0.01 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD___2 23534 | 23.32 1.52 -0.01 | 22.53 1.13 0.00 | 21.54 1.06 -0.01 | 20.44 1.01 0.00 | 20.48 1.01 -0.01 | 22.53 1.09 0.00 | 26.91 1.95 0.00 | 29.49 2.29 -0.01 | 27.73 2.31 -0.02 | 27.17 2.24 -0.02 | 32.93 2.26 -5.83 | 36.80 2.38 -8.28 | 36.83 2.49 -6.94 | 38.30 2.73 -5.82 | 38.27 2.86 -3.22 | 38.09 3.04 -0.90 | 41.18 3.15 0.00 | 48.04 4.21 0.00 | 49.71 3.98 0.00 | 47.18 3.69 0.00 | 44.77 3.96 0.00 | 39.74 3.04 0.00 | 31.81 2.38 0.00 | 27.79 2.11 -0.01 |
| RAVENSWOOD___3 23535 | 23.27 1.48 0.00 | 22.51 1.11 0.00 | 21.49 1.02 0.00 | 20.40 0.97 0.00 | 20.43 0.97 0.00 | 22.51 1.07 0.00 | 26.88 1.92 0.00 | 29.43 2.23 0.00 | 27.66 2.26 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.63 2.68 -0.21 | 35.06 2.80 -0.08 | 37.11 2.97 0.00 | 41.11 3.08 0.00 | 48.26 4.43 0.00 | 50.03 4.30 0.00 | 47.44 3.96 0.00 | 44.73 3.92 0.00 | 39.66 2.97 0.00 | 31.79 2.36 0.00 | 27.70 2.03 0.00 |
| RAVENSWOOD___4 23820 | 23.35 1.55 -0.01 | 22.55 1.15 0.00 | 21.58 1.10 -0.01 | 20.46 1.03 0.00 | 20.50 1.03 -0.01 | 22.56 1.11 0.00 | 26.96 2.00 0.00 | 29.55 2.34 -0.01 | 27.78 2.36 -0.02 | 27.22 2.29 -0.02 | 32.19 2.31 -5.04 | 35.09 2.43 -6.52 | 35.41 2.52 -5.49 | 37.27 2.77 -4.76 | 37.81 2.93 -2.70 | 37.95 3.07 -0.73 | 41.26 3.23 0.00 | 48.31 4.47 0.00 | 49.99 4.25 0.00 | 47.44 3.96 0.00 | 44.82 4.00 0.00 | 39.77 3.12 0.04 | 31.87 2.44 0.00 | 27.81 2.13 -0.01 |
| RCPI_TRUST___DRP 24196 | 23.30 1.50 0.00 | 22.53 1.13 0.00 | 21.54 1.06 0.00 | 20.42 0.99 0.00 | 20.45 0.99 0.00 | 22.56 1.11 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.74 2.34 0.00 | 27.15 2.24 0.00 | 27.12 2.28 0.00 | 28.77 2.40 -0.22 | 30.23 2.52 -0.31 | 32.72 2.77 -0.21 | 35.16 2.90 -0.08 | 37.12 2.97 0.00 | 41.19 3.16 0.00 | 48.31 4.47 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.57 3.76 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.83 2.16 0.00 |
| RED___ROCHESTER 323720 | 22.03 0.24 0.00 | 21.31 -0.09 0.00 | 20.39 -0.08 0.00 | 19.37 -0.06 0.00 | 19.34 -0.12 0.00 | 21.40 -0.04 0.00 | 24.66 0.32 0.62 | 26.26 0.41 1.35 | 25.30 0.48 0.58 | 25.22 0.62 0.31 | 25.29 0.77 0.31 | 26.38 0.76 0.51 | 27.11 0.60 0.89 | 29.22 0.71 1.24 | 31.59 0.84 1.43 | 33.34 0.89 1.69 | 37.33 1.14 1.84 | 41.97 1.27 3.14 | 45.22 1.74 2.25 | 43.13 1.56 1.92 | 39.48 1.34 2.68 | 35.31 0.73 2.12 | 29.81 0.71 0.32 | 26.01 0.33 0.00 |
| REGAN___SOLAR 323812 | 24.60 2.81 0.00 | 24.05 2.65 0.00 | 22.93 2.46 0.00 | 21.72 2.29 0.00 | 21.74 2.28 0.00 | 24.21 2.77 0.00 | 28.53 3.57 0.00 | 30.87 3.67 0.00 | 28.55 3.15 0.00 | 27.75 2.84 0.00 | 27.57 2.73 0.00 | 28.96 2.88 0.06 | 30.49 3.18 0.08 | 33.17 3.48 0.05 | 36.25 4.09 0.02 | 38.99 4.85 0.00 | 43.88 5.85 0.00 | 52.30 8.46 0.00 | 55.06 9.33 0.00 | 52.27 8.79 0.00 | 48.94 8.12 0.00 | 43.04 6.35 0.00 | 34.41 4.98 0.00 | 29.94 4.26 0.00 |
| RENSSELAER___COGEN 23796 | 22.31 0.52 0.00 | 21.78 0.39 0.00 | 20.82 0.35 0.00 | 19.82 0.39 0.00 | 19.83 0.37 0.00 | 21.83 0.39 0.00 | 25.58 0.62 0.00 | 27.61 0.41 0.00 | 25.70 0.31 0.00 | 25.18 0.27 0.00 | 25.06 0.22 0.00 | 26.26 0.23 0.11 | 27.51 0.27 0.16 | 29.97 0.33 0.10 | 32.50 0.35 0.04 | 34.62 0.48 0.00 | 38.60 0.57 0.00 | 44.97 1.14 0.00 | 46.97 1.24 0.00 | 44.57 1.09 0.00 | 41.92 1.10 0.00 | 37.39 0.70 0.00 | 29.90 0.47 0.00 | 26.14 0.46 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 24.21 2.42 0.00 | 23.51 2.12 0.00 | 22.56 2.09 0.00 | 21.39 1.96 0.00 | 21.39 1.93 0.00 | 23.71 2.27 0.00 | 27.31 2.35 0.00 | 29.54 2.34 0.00 | 27.33 1.93 0.00 | 26.75 1.84 0.00 | 26.65 1.81 0.00 | 27.79 1.78 0.12 | 29.31 2.08 0.17 | 31.80 2.17 0.11 | 34.49 2.35 0.05 | 36.98 2.83 0.00 | 41.38 3.35 0.00 | 48.70 4.87 0.00 | 50.99 5.26 0.00 | 48.48 5.00 0.00 | 45.39 4.57 0.00 | 40.18 3.49 0.00 | 32.29 2.85 0.00 | 28.29 2.62 0.00 |
| REVERE_CPPR_DRP 24186 | 22.58 0.78 0.00 | 22.06 0.66 0.00 | 21.13 0.66 0.00 | 20.01 0.58 0.00 | 20.08 0.62 0.00 | 22.13 0.69 0.00 | 25.77 0.92 0.12 | 28.09 1.14 0.25 | 26.33 1.04 0.11 | 25.82 0.97 0.06 | 25.72 0.94 0.06 | 27.09 1.05 0.10 | 28.41 1.18 0.17 | 30.79 1.28 0.23 | 33.37 1.45 0.27 | 35.44 1.60 0.31 | 39.67 1.98 0.34 | 45.84 2.59 0.58 | 48.15 2.84 0.42 | 45.82 2.70 0.36 | 42.60 2.29 0.50 | 38.13 1.83 0.39 | 30.72 1.35 0.06 | 26.75 1.08 0.00 |
| REYNOLDS_115KV_TB3 80639 | 22.45 0.65 0.00 | 21.87 0.47 0.00 | 20.92 0.45 0.00 | 19.90 0.47 0.00 | 19.91 0.45 0.00 | 21.93 0.49 0.00 | 25.73 0.77 0.00 | 27.80 0.60 0.00 | 25.88 0.48 0.00 | 25.36 0.45 0.00 | 25.23 0.40 0.00 | 26.39 0.39 0.14 | 27.67 0.47 0.19 | 30.15 0.54 0.13 | 32.68 0.55 0.05 | 34.79 0.65 0.00 | 38.79 0.76 0.00 | 45.19 1.36 0.00 | 47.24 1.51 0.00 | 44.83 1.35 0.00 | 42.08 1.27 0.00 | 37.61 0.92 0.00 | 30.08 0.65 0.00 | 26.29 0.62 0.00 |
| RIVERBAY____ 323610 | 23.39 1.59 -0.01 | 22.57 1.18 0.00 | 21.65 1.17 -0.01 | 20.52 1.09 0.00 | 20.56 1.09 -0.01 | 22.53 1.09 0.00 | 26.91 1.95 0.00 | 29.48 2.28 0.01 | 27.68 2.29 0.01 | 27.07 2.17 0.01 | 27.04 2.21 0.01 | 28.68 2.33 -0.22 | 30.16 2.47 -0.30 | 32.65 2.71 -0.20 | 35.06 2.80 -0.08 | 37.01 2.87 0.01 | 41.11 3.08 0.00 | 48.04 4.21 0.00 | 49.85 4.12 0.00 | 47.27 3.78 0.00 | 44.53 3.71 0.00 | 39.78 3.08 0.00 | 31.90 2.47 0.00 | 28.02 2.34 -0.01 |
| RIVERSDE_115KV_TB3 55908 | 22.40 0.61 0.00 | 21.85 0.45 0.00 | 20.90 0.43 0.00 | 19.88 0.45 0.00 | 19.89 0.43 0.00 | 21.91 0.47 0.00 | 25.68 0.72 0.00 | 27.72 0.52 0.00 | 25.81 0.41 0.00 | 25.31 0.40 0.00 | 25.16 0.32 0.00 | 26.35 0.34 0.13 | 27.63 0.41 0.17 | 30.10 0.48 0.12 | 32.65 0.51 0.05 | 34.76 0.61 0.00 | 38.75 0.72 0.00 | 45.15 1.32 0.00 | 47.20 1.46 0.00 | 44.79 1.30 0.00 | 42.00 1.18 0.00 | 37.54 0.84 0.00 | 30.02 0.59 0.00 | 26.24 0.56 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 21.53 -0.26 0.00 | 21.20 -0.19 0.00 | 20.29 -0.18 0.00 | 19.24 -0.19 0.00 | 19.25 -0.21 0.00 | 21.16 -0.28 0.00 | 24.51 -0.45 0.00 | 26.74 -0.46 0.00 | 25.02 -0.38 0.00 | 24.61 -0.30 0.00 | 24.54 -0.30 0.00 | 25.83 -0.31 0.00 | 27.04 -0.36 0.00 | 29.30 -0.45 0.00 | 31.70 -0.48 0.00 | 33.60 -0.55 0.00 | 37.42 -0.61 0.00 | 42.87 -0.96 0.00 | 44.68 -1.05 0.00 | 42.53 -0.96 0.00 | 39.75 -1.06 0.00 | 35.81 -0.88 0.00 | 28.67 -0.77 0.00 | 25.01 -0.67 0.00 |
| ROCHESRG_115KV_T4 355643 | 21.81 0.02 0.00 | 21.12 -0.28 0.00 | 20.18 -0.29 0.00 | 19.22 -0.21 0.00 | 19.19 -0.27 0.00 | 21.21 -0.24 0.00 | 24.43 0.10 0.63 | 25.93 0.11 1.38 | 25.01 0.20 0.59 | 24.92 0.32 0.32 | 24.99 0.47 0.52 | 26.04 0.42 0.91 | 26.65 0.16 1.26 | 28.69 0.21 1.45 | 31.11 0.39 1.72 | 32.90 0.48 1.87 | 36.69 0.53 1.87 | 41.43 0.79 3.19 | 44.49 1.05 2.29 | 42.45 0.91 1.95 | 38.78 0.69 2.73 | 34.76 0.22 2.15 | 29.43 0.32 0.33 | 25.55 -0.13 0.00 |
| ROCHESTER_9_IC 23652 | 21.94 0.15 0.00 | 21.22 -0.17 0.00 | 20.29 -0.18 0.00 | 19.31 -0.12 0.00 | 19.29 -0.18 0.00 | 21.31 -0.13 0.00 | 24.56 0.22 0.62 | 26.12 0.27 1.35 | 25.17 0.36 0.58 | 25.07 0.47 0.31 | 25.17 0.65 0.31 | 26.23 0.60 0.51 | 26.86 0.36 0.89 | 28.92 0.42 1.24 | 31.40 0.64 1.43 | 33.24 0.79 1.69 | 37.07 0.87 1.84 | 41.84 1.14 3.14 | 44.90 1.42 2.25 | 42.83 1.26 1.92 | 39.15 1.02 2.68 | 35.09 0.51 2.12 | 29.64 0.53 0.32 | 25.70 0.03 0.00 |

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| ROCKVIEW_13_KV_LD 356306 | 23.32 1.53 0.00 | 22.55 1.16 0.00 | 21.58 1.11 0.00 | 20.44 1.01 0.00 | 20.47 1.01 0.00 | 22.58 1.14 0.00 | 26.91 1.95 0.00 | 29.46 2.26 0.00 | 27.66 2.26 0.00 | 27.10 2.19 0.00 | 27.04 2.21 0.00 | 28.69 2.33 -0.22 | 30.14 2.44 -0.31 | 32.66 2.71 -0.21 | 35.10 2.83 -0.08 | 37.08 2.94 0.00 | 41.22 3.19 0.00 | 48.35 4.52 0.00 | 50.21 4.48 0.00 | 47.61 4.13 0.00 | 44.61 3.80 0.00 | 39.74 3.05 0.00 | 31.81 2.38 0.00 | 27.86 2.18 0.00 |
| ROME____115KV_TB2 80656 | 22.58 0.78 0.00 | 22.06 0.66 0.00 | 21.13 0.66 0.00 | 20.01 0.58 0.00 | 20.08 0.62 0.00 | 22.13 0.69 0.00 | 25.77 0.92 0.12 | 28.09 1.14 0.25 | 26.33 1.04 0.11 | 25.82 0.97 0.06 | 25.72 0.94 0.06 | 27.09 1.05 0.10 | 28.41 1.18 0.17 | 30.79 1.28 0.23 | 33.37 1.45 0.27 | 35.44 1.60 0.31 | 39.67 1.98 0.34 | 45.84 2.59 0.58 | 48.15 2.84 0.42 | 45.82 2.70 0.36 | 42.60 2.29 0.50 | 38.13 1.83 0.39 | 30.72 1.35 0.06 | 26.75 1.08 0.00 |
| ROSETON___1 23587 | 22.90 1.11 0.00 | 22.19 0.79 0.00 | 21.23 0.76 0.00 | 20.13 0.70 0.00 | 20.16 0.70 0.00 | 22.23 0.79 0.00 | 26.41 1.45 0.00 | 28.83 1.63 0.00 | 27.03 1.63 0.00 | 26.45 1.54 0.00 | 26.38 1.54 0.00 | 27.97 1.62 -0.21 | 29.36 1.67 -0.29 | 31.78 1.84 -0.19 | 34.19 1.93 -0.08 | 36.23 2.08 0.00 | 40.23 2.20 0.00 | 47.17 3.33 0.00 | 49.03 3.29 0.00 | 46.48 3.00 0.00 | 43.79 2.98 0.00 | 38.89 2.20 0.00 | 31.11 1.68 0.00 | 27.16 1.49 0.00 |
| ROSETON___2 23588 | 22.90 1.11 0.00 | 22.19 0.79 0.00 | 21.23 0.76 0.00 | 20.13 0.70 0.00 | 20.16 0.70 0.00 | 22.23 0.79 0.00 | 26.41 1.45 0.00 | 28.83 1.63 0.00 | 27.03 1.63 0.00 | 26.45 1.54 0.00 | 26.38 1.54 0.00 | 27.97 1.62 -0.21 | 29.36 1.67 -0.29 | 31.78 1.84 -0.19 | 34.19 1.93 -0.08 | 36.23 2.08 0.00 | 40.23 2.20 0.00 | 47.17 3.33 0.00 | 49.03 3.29 0.00 | 46.48 3.00 0.00 | 43.79 2.98 0.00 | 38.89 2.20 0.00 | 31.11 1.68 0.00 | 27.16 1.49 0.00 |
| ROTTDAM_115KV_TB3 80664 | 22.53 0.74 0.00 | 21.97 0.58 0.00 | 21.02 0.55 0.00 | 19.95 0.52 0.00 | 19.97 0.51 0.00 | 22.04 0.60 0.00 | 25.78 0.82 0.00 | 28.02 0.82 0.00 | 26.14 0.74 0.00 | 25.61 0.70 0.00 | 25.51 0.67 0.00 | 26.72 0.68 0.10 | 28.00 0.74 0.13 | 30.49 0.83 0.09 | 33.05 0.90 0.04 | 35.14 0.99 0.00 | 39.21 1.18 0.00 | 45.63 1.80 0.00 | 47.65 1.92 0.00 | 45.22 1.74 0.00 | 42.45 1.63 0.00 | 37.94 1.25 0.00 | 30.40 0.97 0.00 | 26.55 0.87 0.00 |
| RUSSELL___1 23602 | 22.03 0.24 0.00 | 21.31 -0.09 0.00 | 20.35 -0.12 0.00 | 19.37 -0.06 0.00 | 19.34 -0.12 0.00 | 21.40 -0.04 0.00 | 24.66 0.32 0.62 | 26.26 0.41 1.35 | 25.30 0.48 0.58 | 25.20 0.60 0.31 | 25.29 0.77 0.31 | 26.38 0.76 0.51 | 27.03 0.52 0.89 | 29.10 0.59 1.24 | 31.59 0.84 1.43 | 33.44 0.99 1.69 | 37.33 1.14 1.84 | 42.19 1.49 3.14 | 45.26 1.78 2.25 | 43.13 1.57 1.92 | 39.48 1.35 2.68 | 35.35 0.77 2.12 | 29.81 0.71 0.32 | 25.83 0.15 0.00 |
| RUSSELL___2 23532 | 22.03 0.24 0.00 | 21.31 -0.09 0.00 | 20.35 -0.12 0.00 | 19.37 -0.06 0.00 | 19.34 -0.12 0.00 | 21.40 -0.04 0.00 | 24.66 0.32 0.62 | 26.26 0.41 1.35 | 25.30 0.48 0.58 | 25.20 0.60 0.31 | 25.29 0.77 0.31 | 26.38 0.76 0.51 | 27.03 0.52 0.89 | 29.10 0.59 1.24 | 31.59 0.84 1.43 | 33.44 0.99 1.69 | 37.33 1.14 1.84 | 42.19 1.49 3.14 | 45.26 1.78 2.25 | 43.13 1.57 1.92 | 39.48 1.35 2.68 | 35.35 0.77 2.12 | 29.81 0.71 0.32 | 25.83 0.15 0.00 |
| RUSSELL___3 23549 | 22.03 0.24 0.00 | 21.31 -0.09 0.00 | 20.35 -0.12 0.00 | 19.37 -0.06 0.00 | 19.34 -0.12 0.00 | 21.40 -0.04 0.00 | 24.66 0.32 0.62 | 26.26 0.41 1.35 | 25.30 0.48 0.58 | 25.20 0.60 0.31 | 25.29 0.77 0.31 | 26.38 0.76 0.51 | 27.03 0.52 0.89 | 29.10 0.59 1.24 | 31.59 0.84 1.43 | 33.44 0.99 1.69 | 37.33 1.14 1.84 | 42.19 1.49 3.14 | 45.26 1.78 2.25 | 43.13 1.57 1.92 | 39.48 1.35 2.68 | 35.35 0.77 2.12 | 29.81 0.71 0.32 | 25.83 0.15 0.00 |
| RUSSELL___4 23556 | 22.03 0.24 0.00 | 21.31 -0.09 0.00 | 20.35 -0.12 0.00 | 19.37 -0.06 0.00 | 19.34 -0.12 0.00 | 21.40 -0.04 0.00 | 24.66 0.32 0.62 | 26.26 0.41 1.35 | 25.30 0.48 0.58 | 25.20 0.60 0.31 | 25.29 0.77 0.31 | 26.38 0.76 0.51 | 27.03 0.52 0.89 | 29.10 0.59 1.24 | 31.59 0.84 1.43 | 33.44 0.99 1.69 | 37.33 1.14 1.84 | 42.19 1.49 3.14 | 45.26 1.78 2.25 | 43.13 1.57 1.92 | 39.48 1.35 2.68 | 35.35 0.77 2.12 | 29.81 0.71 0.32 | 25.83 0.15 0.00 |
| RUSSELL___STATION 23914 | 22.03 0.24 0.00 | 21.31 -0.09 0.00 | 20.35 -0.12 0.00 | 19.37 -0.06 0.00 | 19.34 -0.12 0.00 | 21.40 -0.04 0.00 | 24.66 0.32 0.62 | 26.26 0.41 1.35 | 25.30 0.48 0.58 | 25.20 0.60 0.31 | 25.29 0.77 0.31 | 26.38 0.76 0.51 | 27.03 0.52 0.89 | 29.10 0.59 1.24 | 31.59 0.84 1.43 | 33.44 0.99 1.69 | 37.33 1.14 1.84 | 42.19 1.49 3.14 | 45.26 1.78 2.25 | 43.13 1.57 1.92 | 39.48 1.35 2.68 | 35.35 0.77 2.12 | 29.81 0.71 0.32 | 25.83 0.15 0.00 |
| S SALMON___HYD 24043 | 21.68 -0.11 0.00 | 21.16 -0.23 0.00 | 20.25 -0.22 0.00 | 19.22 -0.21 0.00 | 19.27 -0.19 0.00 | 21.25 -0.19 0.00 | 25.09 -0.07 -0.20 | 27.64 0.00 -0.44 | 25.53 -0.05 -0.19 | 24.96 -0.05 -0.10 | 24.86 -0.07 -0.10 | 26.23 -0.08 -0.17 | 27.60 -0.08 -0.29 | 30.08 -0.06 -0.40 | 32.55 -0.10 -0.46 | 34.52 -0.17 -0.54 | 38.43 -0.19 -0.59 | 44.93 0.09 -1.01 | 46.73 0.28 -0.72 | 44.49 0.39 -0.62 | 41.92 0.25 -0.86 | 37.48 0.11 -0.68 | 29.68 0.15 -0.10 | 25.68 0.00 0.00 |
| S.PERRY__115KV_TB1 80734 | 22.66 0.87 0.00 | 21.85 0.45 0.00 | 20.84 0.37 0.00 | 19.86 0.43 0.00 | 19.83 0.37 0.00 | 21.96 0.51 0.00 | 25.37 0.90 0.48 | 27.18 1.03 1.05 | 25.81 0.86 0.45 | 25.54 0.87 0.24 | 25.58 0.99 0.24 | 26.68 0.94 0.40 | 27.39 0.68 0.69 | 29.58 0.80 0.96 | 32.17 1.09 1.11 | 34.16 1.33 1.31 | 36.91 0.30 1.43 | 42.23 0.83 2.44 | 45.40 1.42 1.75 | 43.65 1.65 1.49 | 40.16 1.43 2.08 | 35.78 0.73 1.64 | 30.80 1.62 0.25 | 26.60 0.92 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 21.97 0.17 0.00 | 21.16 -0.24 0.00 | 20.18 -0.29 0.00 | 19.26 -0.17 0.00 | 19.23 -0.23 0.00 | 21.25 -0.19 0.00 | 24.18 -0.22 0.55 | 25.73 -0.27 1.20 | 24.83 -0.05 0.52 | 24.76 0.12 0.28 | 24.93 0.37 0.28 | 25.97 0.29 0.46 | 26.36 -0.25 0.79 | 28.37 -0.27 1.10 | 30.94 0.03 1.27 | 32.57 -0.07 1.51 | 36.28 -0.11 1.63 | 40.96 -0.09 2.79 | 44.00 0.27 2.00 | 42.13 0.35 1.70 | 38.35 -0.08 2.39 | 34.19 -0.62 1.88 | 29.03 -0.12 0.29 | 25.37 -0.31 0.00 |
| SAWYER___23_KV_LOAD 55526 | 21.97 0.17 0.00 | 21.16 -0.24 0.00 | 20.18 -0.29 0.00 | 19.26 -0.17 0.00 | 19.23 -0.23 0.00 | 21.25 -0.19 0.00 | 24.18 -0.22 0.55 | 25.73 -0.27 1.20 | 24.83 -0.05 0.52 | 24.76 0.12 0.28 | 24.93 0.37 0.28 | 25.97 0.29 0.46 | 26.36 -0.25 0.79 | 28.37 -0.27 1.10 | 30.94 0.03 1.27 | 32.57 -0.07 1.51 | 36.28 -0.11 1.63 | 40.96 -0.09 2.79 | 44.00 0.27 2.00 | 42.13 0.35 1.70 | 38.35 -0.08 2.39 | 34.19 -0.62 1.88 | 29.03 -0.12 0.29 | 25.37 -0.31 0.00 |
| SELKIRK___I 23801 | 22.44 0.65 0.00 | 21.91 0.51 0.00 | 20.96 0.49 0.00 | 19.92 0.49 0.00 | 19.93 0.47 0.00 | 21.95 0.51 0.00 | 25.68 0.72 0.00 | 27.77 0.57 0.00 | 25.83 0.43 0.00 | 25.28 0.37 0.00 | 25.13 0.30 0.00 | 26.36 0.29 0.06 | 27.66 0.36 0.09 | 30.07 0.39 0.06 | 32.64 0.48 0.02 | 34.76 0.62 0.00 | 38.75 0.72 0.00 | 45.15 1.31 0.00 | 47.20 1.46 0.00 | 44.83 1.35 0.00 | 42.16 1.34 0.00 | 37.65 0.95 0.00 | 30.14 0.71 0.00 | 26.37 0.69 0.00 |

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| SELKIRK___II 23799 | 22.34 0.55 0.00 | 21.80 0.41 0.00 | 20.84 0.37 0.00 | 19.82 0.39 0.00 | 19.83 0.37 0.00 | 21.85 0.41 0.00 | 25.63 0.67 0.00 | 27.74 0.54 0.00 | 25.83 0.43 0.00 | 25.31 0.40 0.00 | 25.18 0.35 0.00 | 26.42 0.37 0.08 | 27.70 0.41 0.11 | 30.15 0.47 0.07 | 32.67 0.51 0.03 | 34.76 0.62 0.00 | 38.75 0.72 0.00 | 45.11 1.27 0.00 | 47.10 1.37 0.00 | 44.70 1.22 0.00 | 42.08 1.27 0.00 | 37.54 0.84 0.00 | 30.02 0.59 0.00 | 26.24 0.56 0.00 |
| SENECA OSWGO___HYD 24041 | 21.55 -0.24 0.00 | 21.01 -0.38 0.00 | 20.08 -0.39 0.00 | 19.06 -0.37 0.00 | 19.09 -0.37 0.00 | 21.08 -0.36 0.00 | 25.13 -0.25 -0.42 | 27.90 -0.22 -0.91 | 25.61 -0.18 -0.39 | 24.97 -0.15 -0.21 | 24.90 -0.15 -0.21 | 26.36 -0.13 -0.35 | 27.86 -0.14 -0.60 | 30.49 -0.09 -0.84 | 33.05 -0.10 -0.97 | 35.09 -0.20 -1.14 | 39.12 -0.15 -1.24 | 46.00 0.04 -2.12 | 47.39 0.14 -1.52 | 44.95 0.17 -1.30 | 42.75 0.12 -1.81 | 38.01 -0.11 -1.43 | 29.62 -0.03 -0.22 | 25.55 -0.13 0.00 |
| SENECA___115KV_TB3 355854 | 22.27 0.48 0.00 | 21.42 0.02 0.00 | 20.43 -0.04 0.00 | 19.51 0.08 0.00 | 19.48 0.02 0.00 | 21.51 0.06 0.00 | 24.32 -0.10 0.54 | 25.99 -0.05 1.16 | 25.05 0.15 0.50 | 24.99 0.35 0.27 | 25.16 0.60 0.27 | 26.22 0.52 0.44 | 26.60 -0.03 0.76 | 28.68 0.00 1.06 | 31.31 0.35 1.23 | 33.00 0.31 1.45 | 36.72 0.27 1.57 | 41.45 0.31 2.69 | 44.49 0.69 1.93 | 42.58 0.74 1.64 | 38.76 0.24 2.30 | 34.55 -0.33 1.81 | 29.21 0.06 0.28 | 25.73 0.05 0.00 |
| SENECA___ENERGY 23797 | 21.86 0.07 0.00 | 21.22 -0.17 0.00 | 20.29 -0.18 0.00 | 19.24 -0.19 0.00 | 19.29 -0.18 0.00 | 21.33 -0.11 0.00 | 24.95 0.13 0.14 | 27.14 0.24 0.30 | 25.52 0.25 0.13 | 25.14 0.30 0.07 | 25.11 0.35 0.07 | 26.36 0.34 0.11 | 27.50 0.30 0.20 | 29.89 0.42 0.28 | 32.35 0.48 0.32 | 34.21 0.44 0.38 | 38.19 0.57 0.41 | 44.02 0.88 0.70 | 46.38 1.14 0.50 | 44.23 1.17 0.43 | 41.20 0.98 0.60 | 36.70 0.48 0.47 | 29.83 0.47 0.07 | 25.91 0.23 0.00 |
| SHOEMAKER___GT 23640 | 22.82 1.02 0.00 | 22.10 0.71 0.00 | 21.13 0.65 0.00 | 20.05 0.62 0.00 | 20.08 0.62 0.00 | 22.13 0.69 0.00 | 26.33 1.37 0.00 | 28.75 1.55 0.00 | 26.95 1.55 0.00 | 26.38 1.47 0.00 | 26.27 1.44 0.00 | 27.85 1.52 -0.20 | 29.23 1.56 -0.27 | 31.62 1.69 -0.18 | 34.06 1.80 -0.07 | 36.09 1.95 0.00 | 40.16 2.13 0.00 | 47.03 3.20 0.00 | 48.93 3.20 0.00 | 46.40 2.91 0.00 | 43.67 2.86 0.00 | 38.82 2.13 0.00 | 31.08 1.65 0.00 | 27.14 1.46 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 22.84 1.05 0.00 | 22.10 0.71 0.00 | 21.15 0.68 0.00 | 20.05 0.62 0.00 | 20.08 0.62 0.00 | 22.15 0.71 0.00 | 26.33 1.37 0.00 | 28.78 1.58 0.00 | 26.95 1.55 0.00 | 26.38 1.47 0.00 | 26.30 1.47 0.00 | 27.88 1.54 -0.19 | 29.25 1.59 -0.27 | 31.68 1.75 -0.18 | 34.09 1.83 -0.07 | 36.06 1.91 0.00 | 40.20 2.17 0.00 | 46.99 3.16 0.00 | 48.93 3.20 0.00 | 46.40 2.91 0.00 | 43.51 2.69 0.00 | 38.78 2.09 0.00 | 31.08 1.65 0.00 | 27.22 1.54 0.00 |
| SHOREHAM_IC_1 23715 | 23.32 1.52 0.00 | 22.62 1.22 0.00 | 21.33 0.86 0.00 | 20.50 1.07 0.00 | 20.38 0.91 0.00 | 22.66 1.22 0.00 | 26.63 1.67 0.00 | 29.88 2.64 -0.04 | 27.71 2.31 0.00 | 27.10 2.19 0.00 | 26.82 1.99 0.00 | 28.56 2.20 -0.22 | 29.95 2.25 -0.31 | 32.12 2.17 -0.21 | 34.61 2.35 -0.08 | 36.60 2.46 0.00 | 41.00 2.93 -0.04 | 48.13 4.30 0.00 | 50.07 4.30 -0.04 | 49.01 4.22 -1.31 | 45.14 4.28 -0.04 | 40.73 3.16 -0.88 | 31.49 2.06 0.00 | 28.06 2.39 0.00 |
| SHOREHAM_IC_2 23716 | 23.32 1.52 0.00 | 22.62 1.22 0.00 | 21.33 0.86 0.00 | 20.50 1.07 0.00 | 20.38 0.91 0.00 | 22.66 1.22 0.00 | 26.63 1.67 0.00 | 29.88 2.64 -0.04 | 27.71 2.31 0.00 | 27.10 2.19 0.00 | 26.82 1.99 0.00 | 28.56 2.20 -0.22 | 29.95 2.25 -0.31 | 32.12 2.17 -0.21 | 34.61 2.35 -0.08 | 36.60 2.46 0.00 | 41.00 2.93 -0.04 | 48.13 4.30 0.00 | 50.07 4.30 -0.04 | 49.01 4.22 -1.31 | 45.14 4.28 -0.04 | 40.73 3.16 -0.88 | 31.49 2.06 0.00 | 28.06 2.39 0.00 |
| SISSONVILLE____ 23735 | 21.44 -0.35 0.00 | 21.40 0.00 0.00 | 20.49 0.02 0.00 | 19.45 0.02 0.00 | 19.48 0.02 0.00 | 21.44 0.00 0.00 | 24.64 -0.32 0.00 | 26.96 -0.24 0.00 | 25.09 -0.30 0.00 | 24.56 -0.35 0.00 | 24.51 -0.32 0.00 | 25.80 -0.34 0.00 | 27.09 -0.30 0.00 | 29.15 -0.59 0.00 | 31.25 -0.93 0.00 | 33.12 -1.02 0.00 | 37.04 -0.99 0.00 | 41.38 -2.45 0.00 | 42.99 -2.74 0.00 | 41.18 -2.30 0.00 | 39.31 -1.51 0.00 | 35.48 -1.21 0.00 | 28.75 -0.68 0.00 | 25.21 -0.46 0.00 |
| SITHE_IND_GS1 24169 | 21.29 -0.50 0.00 | 20.77 -0.62 0.00 | 19.88 -0.59 0.00 | 18.87 -0.56 0.00 | 18.90 -0.56 0.00 | 20.84 -0.60 0.00 | 20.20 -0.60 4.16 | 17.55 -0.62 9.03 | 20.97 -0.56 3.87 | 22.31 -0.52 2.08 | 22.24 -0.50 2.10 | 22.19 -0.52 3.43 | 20.87 -0.58 5.95 | 20.87 -0.59 8.28 | 22.03 -0.61 9.54 | 22.13 -0.72 11.30 | 25.02 -0.76 12.25 | 22.16 -0.75 20.93 | 30.02 -0.68 15.03 | 30.04 -0.65 12.79 | 22.26 -0.65 17.90 | 21.84 -0.73 14.12 | 26.72 -0.56 2.15 | 25.16 -0.51 0.00 |
| SITHE_IND_GS2 24170 | 21.29 -0.50 0.00 | 20.77 -0.62 0.00 | 19.88 -0.59 0.00 | 18.87 -0.56 0.00 | 18.90 -0.56 0.00 | 20.84 -0.60 0.00 | 20.20 -0.60 4.16 | 17.55 -0.62 9.03 | 20.97 -0.56 3.87 | 22.31 -0.52 2.08 | 22.24 -0.50 2.10 | 22.19 -0.52 3.43 | 20.87 -0.58 5.95 | 20.87 -0.59 8.28 | 22.03 -0.61 9.54 | 22.13 -0.72 11.30 | 25.02 -0.76 12.25 | 22.16 -0.75 20.93 | 30.02 -0.68 15.03 | 30.04 -0.65 12.79 | 22.26 -0.65 17.90 | 21.84 -0.73 14.12 | 26.72 -0.56 2.15 | 25.16 -0.51 0.00 |
| SITHE_IND_GS3 24171 | 21.29 -0.50 0.00 | 20.77 -0.62 0.00 | 19.88 -0.59 0.00 | 18.87 -0.56 0.00 | 18.90 -0.56 0.00 | 20.84 -0.60 0.00 | 20.20 -0.60 4.16 | 17.55 -0.62 9.03 | 20.97 -0.56 3.87 | 22.31 -0.52 2.08 | 22.24 -0.50 2.10 | 22.19 -0.52 3.43 | 20.87 -0.58 5.95 | 20.87 -0.59 8.28 | 22.03 -0.61 9.54 | 22.13 -0.72 11.30 | 25.02 -0.76 12.25 | 22.16 -0.75 20.93 | 30.02 -0.68 15.03 | 30.04 -0.65 12.79 | 22.26 -0.65 17.90 | 21.84 -0.73 14.12 | 26.72 -0.56 2.15 | 25.16 -0.51 0.00 |
| SITHE_IND_GS4 24172 | 21.29 -0.50 0.00 | 20.77 -0.62 0.00 | 19.88 -0.59 0.00 | 18.87 -0.56 0.00 | 18.90 -0.56 0.00 | 20.84 -0.60 0.00 | 20.20 -0.60 4.16 | 17.55 -0.62 9.03 | 20.97 -0.56 3.87 | 22.31 -0.52 2.08 | 22.24 -0.50 2.10 | 22.19 -0.52 3.43 | 20.87 -0.58 5.95 | 20.87 -0.59 8.28 | 22.03 -0.61 9.54 | 22.13 -0.72 11.30 | 25.02 -0.76 12.25 | 22.16 -0.75 20.93 | 30.02 -0.68 15.03 | 30.04 -0.65 12.79 | 22.26 -0.65 17.90 | 21.84 -0.73 14.12 | 26.72 -0.56 2.15 | 25.16 -0.51 0.00 |
| SITHE___BATAVIA 24024 | 22.29 0.50 0.00 | 21.46 0.06 0.00 | 20.57 0.10 0.00 | 19.57 0.14 0.00 | 19.52 0.06 0.00 | 21.57 0.13 0.00 | 24.75 0.37 0.59 | 26.34 0.41 1.27 | 25.36 0.51 0.54 | 25.26 0.65 0.29 | 25.38 0.84 0.29 | 26.42 0.76 0.48 | 27.03 0.47 0.84 | 29.14 0.56 1.16 | 31.52 0.68 1.34 | 33.31 0.75 1.59 | 37.37 1.06 1.72 | 42.03 1.14 2.94 | 45.50 1.88 2.11 | 43.47 1.78 1.80 | 39.73 1.43 2.52 | 35.37 0.66 1.98 | 29.89 0.76 0.30 | 26.22 0.54 0.00 |
| SITHE___INDEPEND 23800 | 21.29 -0.50 0.00 | 20.78 -0.62 0.00 | 19.88 -0.59 0.00 | 18.87 -0.56 0.00 | 18.90 -0.56 0.00 | 20.84 -0.60 0.00 | 20.20 -0.60 4.16 | 17.55 -0.63 9.03 | 20.97 -0.56 3.87 | 22.31 -0.52 2.08 | 22.24 -0.50 2.10 | 22.19 -0.52 3.43 | 20.87 -0.58 5.95 | 20.87 -0.59 8.28 | 22.03 -0.61 9.54 | 22.20 -0.65 11.30 | 25.02 -0.76 12.25 | 22.20 -0.70 20.93 | 30.02 -0.69 15.03 | 30.04 -0.65 12.79 | 22.22 -0.69 17.90 | 21.84 -0.73 14.12 | 26.72 -0.56 2.15 | 25.14 -0.54 0.00 |

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| SITHE___MASSENA 23902 | 21.51 -0.28 0.00 | 21.44 0.04 0.00 | 20.53 0.06 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.63 -0.33 0.00 | 26.93 -0.27 0.00 | 25.07 -0.33 0.00 | 24.58 -0.32 0.00 | 24.54 -0.30 0.00 | 25.83 -0.31 0.00 | 27.10 -0.30 0.00 | 29.30 -0.45 0.00 | 31.67 -0.52 0.00 | 33.57 -0.58 0.00 | 37.50 -0.53 0.00 | 42.00 -1.84 0.00 | 43.63 -2.10 0.00 | 41.74 -1.74 0.00 | 39.18 -1.63 0.00 | 35.96 -0.73 0.00 | 28.93 -0.50 0.00 | 25.29 -0.38 0.00 |
| SITHE___OGDNSBRG 24021 | 21.64 -0.15 0.00 | 21.61 0.21 0.00 | 20.70 0.23 0.00 | 19.64 0.21 0.00 | 19.67 0.21 0.00 | 21.68 0.24 0.00 | 24.83 -0.12 0.00 | 27.15 -0.05 0.00 | 25.22 -0.18 0.00 | 24.66 -0.25 0.00 | 24.61 -0.22 0.00 | 25.90 -0.24 0.00 | 27.20 -0.19 0.00 | 29.36 -0.39 0.00 | 31.64 -0.55 0.00 | 33.57 -0.58 0.00 | 37.54 -0.49 0.00 | 41.99 -1.84 0.00 | 43.77 -1.97 0.00 | 41.92 -1.57 0.00 | 40.04 -0.78 0.00 | 36.18 -0.51 0.00 | 29.14 -0.29 0.00 | 25.50 -0.18 0.00 |
| SITHE___STERLING 23777 | 22.44 0.65 0.00 | 21.91 0.51 0.00 | 20.96 0.49 0.00 | 19.88 0.45 0.00 | 19.93 0.47 0.00 | 21.98 0.54 0.00 | 25.59 0.77 0.15 | 27.81 0.93 0.32 | 26.10 0.84 0.14 | 25.63 0.80 0.07 | 25.56 0.79 0.07 | 26.88 0.86 0.12 | 28.15 0.96 0.21 | 30.52 1.07 0.29 | 33.04 1.19 0.34 | 35.05 1.30 0.40 | 39.20 1.60 0.43 | 45.25 2.15 0.74 | 47.58 2.38 0.53 | 45.29 2.26 0.45 | 42.19 2.00 0.63 | 37.74 1.54 0.50 | 30.50 1.15 0.08 | 26.60 0.92 0.00 |
| SLEIGHT___34_KV_TB1 80719 | 21.70 -0.09 0.00 | 21.05 -0.34 0.00 | 20.10 -0.37 0.00 | 19.12 -0.31 0.00 | 19.13 -0.33 0.00 | 21.14 -0.30 0.00 | 24.53 0.05 0.47 | 26.31 0.14 1.03 | 25.16 0.20 0.44 | 24.97 0.30 0.24 | 24.99 0.40 0.24 | 26.14 0.39 0.39 | 26.96 0.25 0.68 | 29.13 0.33 0.94 | 31.58 0.48 1.09 | 33.44 0.58 1.29 | 37.35 0.72 1.40 | 42.46 1.01 2.39 | 45.21 1.19 1.71 | 43.11 1.09 1.46 | 39.63 0.86 2.04 | 35.52 0.44 1.61 | 29.57 0.38 0.25 | 25.62 -0.05 0.00 |
| SOUTH CAIRO___GT 23612 | 22.66 0.87 0.00 | 22.08 0.68 0.00 | 21.13 0.66 0.00 | 20.07 0.64 0.00 | 20.06 0.60 0.00 | 22.08 0.64 0.00 | 26.21 1.25 0.00 | 28.18 0.98 0.00 | 26.06 0.66 0.00 | 25.38 0.47 0.00 | 25.11 0.27 0.00 | 26.40 0.29 0.03 | 27.77 0.41 0.04 | 30.26 0.54 0.02 | 32.88 0.71 0.01 | 34.93 0.79 0.00 | 39.28 1.25 0.00 | 46.12 2.28 0.00 | 48.52 2.79 0.00 | 46.05 2.57 0.00 | 43.22 2.41 0.00 | 38.56 1.87 0.00 | 30.70 1.27 0.00 | 26.83 1.16 0.00 |
| SOUTH HAMPTN___IC 23720 | 23.64 1.85 0.00 | 22.94 1.54 0.00 | 21.64 1.17 0.00 | 20.77 1.34 0.00 | 20.65 1.19 0.00 | 22.96 1.52 0.00 | 26.98 2.02 0.00 | 30.21 2.97 -0.04 | 28.07 2.67 0.00 | 27.42 2.51 0.00 | 27.14 2.31 0.00 | 28.90 2.53 -0.22 | 30.25 2.55 -0.31 | 32.45 2.50 -0.21 | 34.94 2.67 -0.08 | 36.95 2.80 0.00 | 41.38 3.31 -0.04 | 48.53 4.69 0.00 | 50.48 4.71 -0.04 | 49.35 4.56 -1.30 | 45.43 4.57 -0.04 | 40.98 3.41 -0.87 | 31.70 2.27 0.00 | 28.22 2.54 0.00 |
| SOUTHDOW___115KV_TB1 355954 | 23.06 1.26 0.00 | 22.04 0.64 0.00 | 20.94 0.47 0.00 | 19.99 0.56 0.00 | 19.97 0.51 0.00 | 22.08 0.64 0.00 | 24.95 0.50 0.51 | 27.03 0.92 1.10 | 26.05 1.12 0.47 | 26.00 1.35 0.25 | 26.29 1.71 0.25 | 27.40 1.67 0.42 | 27.74 1.07 0.72 | 30.02 1.28 1.01 | 32.83 1.80 1.16 | 34.55 1.78 1.37 | 38.48 1.94 1.49 | 43.49 2.19 2.54 | 46.61 2.70 1.82 | 44.67 2.74 1.55 | 40.68 2.04 2.17 | 36.15 1.17 1.71 | 30.26 1.09 0.26 | 26.52 0.85 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 24.01 2.22 0.00 | 23.28 1.88 0.00 | 22.15 1.68 0.00 | 21.08 1.65 0.00 | 20.94 1.48 0.00 | 23.31 1.87 0.00 | 27.31 2.35 0.00 | 30.70 3.45 -0.04 | 28.42 3.02 0.00 | 27.75 2.84 0.00 | 27.42 2.58 0.00 | 29.16 2.80 -0.22 | 30.50 2.79 -0.31 | 32.78 2.83 -0.21 | 35.07 2.80 -0.08 | 37.05 2.90 0.00 | 41.57 3.50 -0.04 | 48.39 4.56 0.00 | 50.57 4.80 -0.04 | 49.26 4.48 -1.30 | 45.02 4.16 -0.04 | 41.05 3.49 -0.87 | 31.61 2.18 0.00 | 28.24 2.57 0.00 |
| SOUTHOLD___IC 23719 | 24.02 2.22 0.00 | 23.28 1.88 0.00 | 21.97 1.49 0.00 | 21.08 1.65 0.00 | 20.94 1.48 0.00 | 23.31 1.86 0.00 | 27.33 2.37 0.00 | 30.59 3.34 -0.04 | 28.42 3.02 0.00 | 27.75 2.84 0.00 | 27.42 2.58 0.00 | 29.16 2.80 -0.22 | 30.47 2.77 -0.31 | 32.63 2.68 -0.21 | 35.13 2.86 -0.08 | 37.11 2.97 0.00 | 41.57 3.50 -0.04 | 48.74 4.91 0.00 | 50.67 4.90 -0.04 | 49.52 4.74 -1.30 | 45.59 4.73 -0.04 | 41.09 3.52 -0.87 | 31.67 2.24 0.00 | 28.22 2.54 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 24.06 2.27 0.00 | 23.32 1.93 0.00 | 22.01 1.54 0.00 | 21.12 1.69 0.00 | 20.96 1.50 0.00 | 23.31 1.86 0.00 | 27.33 2.37 0.00 | 30.59 3.34 -0.04 | 28.39 3.00 0.00 | 27.70 2.79 0.00 | 27.37 2.53 0.00 | 29.06 2.69 -0.22 | 30.34 2.63 -0.31 | 32.42 2.47 -0.21 | 34.87 2.61 -0.08 | 36.84 2.70 0.00 | 41.22 3.15 -0.04 | 48.31 4.47 0.00 | 50.21 4.43 -0.04 | 49.05 4.26 -1.30 | 45.10 4.24 -0.04 | 40.65 3.08 -0.87 | 31.34 1.91 0.00 | 27.94 2.26 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 23.06 1.26 0.00 | 22.44 1.05 0.00 | 21.58 1.11 0.00 | 20.48 1.05 0.00 | 20.49 1.03 0.00 | 22.66 1.22 0.00 | 25.93 0.97 0.00 | 28.13 0.92 0.00 | 26.16 0.76 0.00 | 25.63 0.72 0.00 | 25.53 0.70 0.00 | 26.54 0.52 0.12 | 27.92 0.68 0.17 | 30.32 0.68 0.11 | 32.75 0.61 0.04 | 34.97 0.82 0.00 | 39.06 1.03 0.00 | 45.68 1.84 0.00 | 47.79 2.06 0.00 | 45.31 1.83 0.00 | 42.49 1.67 0.00 | 37.79 1.10 0.00 | 30.46 1.03 0.00 | 26.68 1.00 0.00 |
| ST LAWRENCE___ 23600 | 21.31 -0.48 0.00 | 21.22 -0.17 0.00 | 20.31 -0.16 0.00 | 19.27 -0.16 0.00 | 19.30 -0.16 0.00 | 21.23 -0.21 0.00 | 24.39 -0.57 0.00 | 26.63 -0.57 0.00 | 24.84 -0.56 0.00 | 24.34 -0.57 0.00 | 24.29 -0.55 0.00 | 25.56 -0.58 0.00 | 26.82 -0.58 0.00 | 29.03 -0.71 0.00 | 31.41 -0.77 0.00 | 33.29 -0.85 0.00 | 37.12 -0.91 0.00 | 42.04 -1.80 0.00 | 43.68 -2.06 0.00 | 41.70 -1.78 0.00 | 39.10 -1.71 0.00 | 35.67 -1.03 0.00 | 28.67 -0.77 0.00 | 25.03 -0.64 0.00 |
| STATE_CA_115KV_115_LB 55624 | 22.42 0.63 0.00 | 21.89 0.49 0.00 | 20.94 0.47 0.00 | 19.92 0.49 0.00 | 19.91 0.45 0.00 | 21.93 0.49 0.00 | 25.71 0.75 0.00 | 27.72 0.52 0.00 | 25.83 0.43 0.00 | 25.33 0.42 0.00 | 25.21 0.37 0.00 | 26.42 0.39 0.12 | 27.70 0.47 0.16 | 30.17 0.54 0.11 | 32.75 0.61 0.04 | 34.86 0.72 0.00 | 38.87 0.84 0.00 | 45.28 1.45 0.00 | 47.29 1.55 0.00 | 44.88 1.39 0.00 | 42.08 1.27 0.00 | 37.61 0.92 0.00 | 30.08 0.65 0.00 | 26.29 0.62 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 21.97 0.17 0.00 | 21.37 -0.02 0.00 | 20.41 -0.06 0.00 | 19.35 -0.08 0.00 | 19.40 -0.06 0.00 | 21.44 0.00 0.00 | 25.23 0.27 0.00 | 27.61 0.41 0.00 | 25.81 0.41 0.00 | 25.36 0.45 0.00 | 25.31 0.47 0.00 | 26.66 0.52 0.00 | 27.92 0.52 0.00 | 30.37 0.62 0.00 | 32.92 0.74 0.00 | 34.93 0.79 0.00 | 38.94 0.91 0.00 | 45.19 1.36 0.00 | 47.20 1.46 0.00 | 44.96 1.48 0.00 | 42.04 1.22 0.00 | 37.54 0.84 0.00 | 30.11 0.68 0.00 | 26.04 0.36 0.00 |
| STATION 5_MISC_HYD 23604 | 21.95 0.15 0.00 | 21.22 -0.17 0.00 | 20.33 -0.14 0.00 | 19.31 -0.12 0.00 | 19.29 -0.18 0.00 | 21.31 -0.13 0.00 | 24.56 0.22 0.62 | 26.12 0.27 1.35 | 25.17 0.36 0.58 | 25.10 0.50 0.31 | 25.16 0.64 0.31 | 26.23 0.60 0.51 | 26.94 0.44 0.89 | 29.04 0.54 1.24 | 31.40 0.64 1.43 | 33.14 0.68 1.69 | 37.03 0.84 1.84 | 41.66 0.96 3.14 | 44.90 1.42 2.25 | 42.83 1.26 1.92 | 39.19 1.06 2.68 | 35.05 0.48 2.12 | 29.64 0.53 0.32 | 25.88 0.20 0.00 |

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| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 22.01 0.22 0.00 | 21.31 -0.09 0.00 | 20.37 -0.10 0.00 | 19.37 -0.06 0.00 | 19.36 -0.10 0.00 | 21.42 -0.02 0.00 | 24.84 0.35 0.46 | 26.66 0.46 1.01 | 25.48 0.51 0.43 | 25.28 0.60 0.23 | 25.32 0.72 0.23 | 26.46 0.71 0.38 | 27.28 0.55 0.66 | 29.48 0.65 0.92 | 31.99 0.87 1.06 | 33.91 1.02 1.26 | 37.88 1.22 1.37 | 43.12 1.62 2.34 | 45.88 1.83 1.68 | 43.75 1.70 1.43 | 40.25 1.43 2.00 | 36.00 0.88 1.58 | 29.93 0.74 0.24 | 25.93 0.26 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 21.79 0.00 0.00 | 21.10 -0.30 0.00 | 20.14 -0.33 0.00 | 19.18 -0.25 0.00 | 19.17 -0.29 0.00 | 21.18 -0.26 0.00 | 24.42 0.07 0.61 | 26.00 0.14 1.33 | 25.06 0.23 0.57 | 24.95 0.35 0.31 | 25.02 0.50 0.31 | 26.10 0.47 0.51 | 26.77 0.25 0.88 | 28.82 0.30 1.22 | 31.26 0.48 1.41 | 33.09 0.61 1.67 | 36.94 0.72 1.81 | 41.71 0.96 3.09 | 44.70 1.19 2.22 | 42.64 1.04 1.89 | 38.99 0.82 2.64 | 34.98 0.37 2.08 | 29.47 0.35 0.32 | 25.57 -0.10 0.00 |
| STA_56____34_KV_BUS2 355983 | 21.79 0.00 0.00 | 21.10 -0.30 0.00 | 20.14 -0.33 0.00 | 19.18 -0.25 0.00 | 19.17 -0.29 0.00 | 21.18 -0.26 0.00 | 24.42 0.07 0.61 | 26.00 0.14 1.33 | 25.06 0.23 0.57 | 24.95 0.35 0.31 | 25.02 0.50 0.31 | 26.10 0.47 0.51 | 26.77 0.25 0.88 | 28.82 0.30 1.22 | 31.26 0.48 1.41 | 33.09 0.61 1.67 | 36.94 0.72 1.81 | 41.71 0.96 3.09 | 44.70 1.19 2.22 | 42.64 1.04 1.89 | 38.99 0.82 2.64 | 34.98 0.37 2.08 | 29.47 0.35 0.32 | 25.57 -0.10 0.00 |
| STA_67____115KV_BK2 355882 | 21.90 0.11 0.00 | 21.18 -0.21 0.00 | 20.25 -0.23 0.00 | 19.27 -0.16 0.00 | 19.25 -0.21 0.00 | 21.27 -0.17 0.00 | 24.51 0.17 0.63 | 26.06 0.22 1.36 | 25.12 0.30 0.58 | 25.02 0.42 0.31 | 25.09 0.57 0.32 | 26.17 0.55 0.51 | 26.80 0.30 0.89 | 28.83 0.33 1.24 | 31.30 0.55 1.43 | 33.10 0.65 1.70 | 36.95 0.76 1.84 | 41.70 1.01 3.14 | 44.75 1.28 2.26 | 42.69 1.13 1.92 | 39.02 0.90 2.69 | 34.98 0.40 2.12 | 29.58 0.47 0.32 | 25.62 -0.05 0.00 |
| STA_7____115KV_9TRANS 80674 | 22.03 0.24 0.00 | 21.31 -0.09 0.00 | 20.35 -0.12 0.00 | 19.37 -0.06 0.00 | 19.34 -0.12 0.00 | 21.40 -0.04 0.00 | 24.66 0.32 0.62 | 26.26 0.41 1.35 | 25.30 0.48 0.58 | 25.20 0.60 0.31 | 25.29 0.77 0.31 | 26.38 0.76 0.51 | 27.03 0.52 0.89 | 29.10 0.59 1.24 | 31.59 0.84 1.43 | 33.44 0.99 1.69 | 37.33 1.14 1.84 | 42.19 1.49 3.14 | 45.26 1.78 2.25 | 43.13 1.57 1.92 | 39.48 1.35 2.68 | 35.35 0.77 2.12 | 29.81 0.71 0.32 | 25.83 0.15 0.00 |
| STA_82____115KV_TB1 80780 | 21.90 0.11 0.00 | 21.20 -0.19 0.00 | 20.25 -0.23 0.00 | 19.27 -0.16 0.00 | 19.27 -0.19 0.00 | 21.29 -0.15 0.00 | 24.54 0.20 0.62 | 26.08 0.22 1.34 | 25.13 0.30 0.57 | 25.05 0.45 0.31 | 25.12 0.60 0.31 | 26.18 0.55 0.51 | 26.82 0.30 0.88 | 28.88 0.36 1.23 | 31.35 0.58 1.41 | 33.16 0.68 1.67 | 36.98 0.76 1.81 | 41.79 1.05 3.10 | 44.83 1.33 2.23 | 42.76 1.17 1.90 | 39.10 0.94 2.65 | 35.04 0.44 2.09 | 29.58 0.47 0.32 | 25.65 -0.03 0.00 |
| STEEL____WIND 323596 | 22.25 0.46 0.00 | 21.40 0.00 0.00 | 20.49 0.02 0.00 | 19.49 0.06 0.00 | 19.46 0.00 0.00 | 21.48 0.04 0.00 | 24.27 -0.15 0.54 | 25.96 -0.08 1.16 | 25.06 0.15 0.50 | 24.97 0.32 0.27 | 25.14 0.57 0.27 | 26.19 0.50 0.44 | 26.71 0.08 0.76 | 28.83 0.15 1.06 | 31.28 0.32 1.23 | 32.87 0.17 1.45 | 36.65 0.19 1.57 | 41.15 0.00 2.69 | 44.39 0.59 1.93 | 42.53 0.69 1.64 | 38.76 0.25 2.30 | 34.48 -0.40 1.81 | 29.18 0.03 0.28 | 25.96 0.28 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 22.55 0.76 0.00 | 22.00 0.60 0.00 | 21.04 0.57 0.00 | 20.01 0.58 0.00 | 20.01 0.54 0.00 | 22.06 0.62 0.00 | 25.88 0.92 0.00 | 27.88 0.68 0.00 | 25.93 0.53 0.00 | 25.43 0.52 0.00 | 25.31 0.47 0.00 | 26.50 0.47 0.11 | 27.82 0.58 0.16 | 30.33 0.68 0.10 | 32.91 0.77 0.04 | 35.07 0.92 0.00 | 39.17 1.14 0.00 | 45.68 1.84 0.00 | 47.74 2.01 0.00 | 45.31 1.83 0.00 | 42.49 1.67 0.00 | 37.90 1.21 0.00 | 30.31 0.88 0.00 | 26.47 0.80 0.00 |
| STEUBEN_REC_LFGE 323667 | 22.51 0.72 0.00 | 21.63 0.24 0.00 | 20.59 0.12 0.00 | 19.60 0.17 0.00 | 19.64 0.18 0.00 | 21.72 0.28 0.00 | 25.02 0.40 0.34 | 27.10 0.63 0.73 | 25.85 0.76 0.31 | 25.64 0.90 0.17 | 25.73 1.07 0.17 | 26.93 1.05 0.25 | 27.66 0.71 0.45 | 29.96 0.86 0.65 | 32.61 1.19 0.76 | 34.40 1.16 0.91 | 38.26 1.22 0.99 | 43.82 1.67 1.69 | 46.63 2.10 1.21 | 44.67 2.22 1.03 | 40.97 1.59 1.44 | 36.36 0.81 1.14 | 30.05 0.79 0.17 | 26.16 0.49 0.00 |
| STILLWATER____SOLAR 323814 | 22.92 1.13 0.00 | 22.32 0.92 0.00 | 21.37 0.90 0.00 | 20.28 0.85 0.00 | 20.32 0.86 0.00 | 22.43 0.99 0.00 | 26.11 1.15 0.00 | 28.29 1.09 0.00 | 26.34 0.94 0.00 | 25.78 0.87 0.00 | 25.68 0.84 0.00 | 26.84 0.84 0.13 | 28.17 0.96 0.18 | 30.63 1.01 0.12 | 33.23 1.09 0.05 | 35.48 1.33 0.00 | 39.55 1.52 0.00 | 46.20 2.37 0.00 | 48.29 2.56 0.00 | 45.83 2.35 0.00 | 43.10 2.28 0.00 | 38.35 1.65 0.00 | 30.72 1.29 0.00 | 26.86 1.18 0.00 |
| STONY____BROOK 24151 | 23.54 1.74 0.00 | 22.77 1.37 0.00 | 21.56 1.08 0.00 | 20.62 1.19 0.00 | 20.53 1.07 0.00 | 22.81 1.37 0.00 | 26.88 1.92 0.00 | 29.97 2.72 -0.05 | 27.96 2.56 0.00 | 27.35 2.44 0.00 | 27.17 2.33 0.00 | 28.93 2.56 -0.22 | 30.34 2.63 -0.31 | 32.54 2.59 -0.21 | 35.03 2.77 -0.08 | 37.05 2.90 0.00 | 41.46 3.38 -0.04 | 48.53 4.69 0.00 | 50.49 4.71 -0.04 | 49.51 4.56 -1.46 | 45.39 4.53 -0.04 | 41.16 3.49 -0.98 | 31.90 2.47 0.00 | 28.37 2.70 0.00 |
| STURGEON_POOL_HYD 23609 | 22.90 1.11 0.00 | 22.12 0.73 0.00 | 21.17 0.70 0.00 | 20.05 0.62 0.00 | 20.08 0.62 0.00 | 22.15 0.71 0.00 | 26.51 1.55 0.00 | 29.05 1.85 0.00 | 27.25 1.85 0.00 | 26.65 1.74 0.00 | 26.60 1.76 0.00 | 28.17 1.91 -0.12 | 29.56 2.00 -0.16 | 32.09 2.23 -0.11 | 34.58 2.35 -0.04 | 36.47 2.32 0.00 | 40.65 2.62 0.00 | 47.61 3.77 0.00 | 49.53 3.80 0.00 | 46.92 3.44 0.00 | 43.96 3.14 0.00 | 39.23 2.53 0.00 | 31.34 1.91 0.00 | 27.47 1.80 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 22.92 1.13 0.00 | 22.19 0.79 0.00 | 21.23 0.76 0.00 | 20.13 0.70 0.00 | 20.16 0.70 0.00 | 22.23 0.79 0.00 | 26.46 1.50 0.00 | 28.94 1.74 0.00 | 27.13 1.73 0.00 | 26.55 1.64 0.00 | 26.47 1.64 0.00 | 28.07 1.73 -0.20 | 29.48 1.81 -0.28 | 31.89 1.96 -0.19 | 34.32 2.06 -0.07 | 36.30 2.15 0.00 | 40.43 2.40 0.00 | 47.30 3.46 0.00 | 49.21 3.48 0.00 | 46.66 3.17 0.00 | 43.71 2.90 0.00 | 38.97 2.27 0.00 | 31.20 1.77 0.00 | 27.34 1.67 0.00 |
| SWANROAD_115KV_TB1 355699 | 21.53 -0.26 0.00 | 20.73 -0.66 0.00 | 19.82 -0.66 0.00 | 18.92 -0.51 0.00 | 18.90 -0.56 0.00 | 20.82 -0.62 0.00 | 23.77 -0.62 0.57 | 25.10 -0.87 1.23 | 24.29 -0.58 0.53 | 24.23 -0.40 0.28 | 24.37 -0.17 0.29 | 25.39 -0.29 0.47 | 25.76 -0.82 0.81 | 27.61 -1.01 1.13 | 30.11 -0.77 1.30 | 31.72 -0.89 1.54 | 35.41 -0.95 1.67 | 39.93 -1.05 2.85 | 42.95 -0.73 2.05 | 41.09 -0.65 1.74 | 37.44 -0.94 2.44 | 33.38 -1.39 1.92 | 28.46 -0.68 0.29 | 24.83 -0.85 0.00 |
| SYNERGY____BIOGAS 323694 | 22.29 0.50 0.00 | 21.46 0.06 0.00 | 20.57 0.10 0.00 | 19.57 0.14 0.00 | 19.52 0.06 0.00 | 21.57 0.13 0.00 | 24.75 0.37 0.59 | 26.34 0.41 1.27 | 25.36 0.51 0.54 | 25.26 0.65 0.29 | 25.38 0.84 0.29 | 26.42 0.76 0.48 | 27.03 0.47 0.84 | 29.14 0.56 1.16 | 31.52 0.68 1.34 | 33.31 0.75 1.59 | 37.37 1.06 1.72 | 42.03 1.14 2.94 | 45.50 1.88 2.11 | 43.47 1.78 1.80 | 39.73 1.43 2.52 | 35.37 0.66 1.98 | 29.89 0.76 0.30 | 26.22 0.54 0.00 |

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| SYRACUSE___ENERGY_ST1 323597 | 21.84 0.04 0.00 | 21.27 -0.13 0.00 | 20.31 -0.16 0.00 | 19.27 -0.16 0.00 | 19.32 -0.14 0.00 | 21.31 -0.13 0.00 | 25.01 0.05 0.00 | 27.34 0.14 0.00 | 25.55 0.15 0.00 | 25.11 0.20 0.00 | 25.06 0.22 0.00 | 26.37 0.24 0.00 | 27.64 0.25 0.00 | 30.07 0.33 0.00 | 32.57 0.39 0.00 | 34.52 0.38 0.00 | 38.49 0.46 0.00 | 44.58 0.75 0.00 | 46.56 0.82 0.00 | 44.27 0.78 0.00 | 41.47 0.65 0.00 | 37.10 0.40 0.00 | 29.81 0.38 0.00 | 25.83 0.15 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 21.84 0.04 0.00 | 21.27 -0.13 0.00 | 20.31 -0.16 0.00 | 19.27 -0.16 0.00 | 19.32 -0.14 0.00 | 21.31 -0.13 0.00 | 25.01 0.05 0.00 | 27.34 0.14 0.00 | 25.55 0.15 0.00 | 25.11 0.20 0.00 | 25.06 0.22 0.00 | 26.37 0.24 0.00 | 27.64 0.25 0.00 | 30.07 0.33 0.00 | 32.57 0.39 0.00 | 34.52 0.38 0.00 | 38.49 0.46 0.00 | 44.58 0.75 0.00 | 46.56 0.82 0.00 | 44.27 0.78 0.00 | 41.47 0.65 0.00 | 37.10 0.40 0.00 | 29.81 0.38 0.00 | 25.83 0.15 0.00 |
| SYRACUSE___POWER 24017 | 21.84 0.04 0.00 | 21.25 -0.15 0.00 | 20.31 -0.16 0.00 | 19.27 -0.16 0.00 | 19.31 -0.16 0.00 | 21.31 -0.13 0.00 | 24.81 0.05 0.20 | 26.90 0.14 0.44 | 25.39 0.18 0.19 | 25.01 0.20 0.10 | 24.93 0.20 0.10 | 26.21 0.24 0.17 | 27.33 0.22 0.29 | 29.64 0.30 0.40 | 32.10 0.39 0.46 | 33.94 0.34 0.55 | 37.85 0.42 0.60 | 43.52 0.70 1.02 | 45.78 0.78 0.73 | 43.60 0.74 0.62 | 40.52 0.57 0.87 | 36.37 0.37 0.69 | 29.65 0.32 0.10 | 25.83 0.15 0.00 |
| TALLMAN___138KV_BK151 55660 | 23.08 1.29 0.00 | 22.34 0.94 0.00 | 21.37 0.90 0.00 | 20.25 0.82 0.00 | 20.28 0.82 0.00 | 22.36 0.92 0.00 | 26.66 1.70 0.00 | 29.19 1.99 0.00 | 27.38 1.98 0.00 | 26.83 1.92 0.00 | 26.75 1.91 0.00 | 28.36 2.01 -0.21 | 29.77 2.08 -0.29 | 32.23 2.29 -0.19 | 34.61 2.35 -0.08 | 36.57 2.42 0.00 | 40.73 2.70 0.00 | 47.65 3.81 0.00 | 49.53 3.80 0.00 | 46.96 3.48 0.00 | 44.00 3.18 0.00 | 39.23 2.53 0.00 | 31.46 2.03 0.00 | 27.50 1.82 0.00 |
| TEALLAVE_115KV_TB7 355573 | 21.73 -0.07 0.00 | 21.16 -0.24 0.00 | 20.23 -0.25 0.00 | 19.20 -0.23 0.00 | 19.25 -0.21 0.00 | 21.23 -0.21 0.00 | 24.62 -0.05 0.29 | 26.60 0.03 0.63 | 25.18 0.05 0.27 | 24.87 0.10 0.14 | 24.81 0.12 0.15 | 26.03 0.13 0.24 | 27.12 0.14 0.41 | 29.35 0.18 0.57 | 31.78 0.26 0.66 | 33.57 0.20 0.78 | 37.37 0.19 0.85 | 42.87 0.48 1.45 | 45.19 0.50 1.04 | 43.08 0.48 0.89 | 39.94 0.37 1.24 | 35.90 0.18 0.98 | 29.49 0.21 0.15 | 25.70 0.03 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 22.01 0.22 0.00 | 21.20 -0.19 0.00 | 20.25 -0.23 0.00 | 19.33 -0.10 0.00 | 19.29 -0.18 0.00 | 21.29 -0.15 0.00 | 24.38 0.00 0.58 | 25.86 -0.08 1.25 | 24.96 0.10 0.54 | 24.90 0.27 0.29 | 25.04 0.50 0.29 | 26.06 0.39 0.48 | 26.49 -0.08 0.83 | 28.48 -0.12 1.15 | 31.02 0.16 1.33 | 32.78 0.20 1.57 | 36.63 0.30 1.70 | 41.41 0.48 2.91 | 44.51 0.87 2.09 | 42.53 0.83 1.78 | 38.82 0.49 2.49 | 34.59 -0.15 1.96 | 29.34 0.21 0.30 | 25.52 -0.15 0.00 |
| TEMPLE___115KV_TB 2 55572 | 21.75 -0.04 0.00 | 21.18 -0.21 0.00 | 20.25 -0.23 0.00 | 19.20 -0.23 0.00 | 19.25 -0.21 0.00 | 21.25 -0.19 0.00 | 24.65 -0.02 0.29 | 26.63 0.05 0.63 | 25.21 0.08 0.27 | 24.89 0.12 0.14 | 24.84 0.15 0.15 | 26.08 0.18 0.24 | 27.15 0.16 0.41 | 29.38 0.21 0.58 | 31.81 0.29 0.66 | 33.60 0.24 0.79 | 37.44 0.27 0.85 | 42.91 0.53 1.46 | 45.24 0.55 1.05 | 43.12 0.52 0.89 | 39.98 0.41 1.25 | 35.93 0.22 0.98 | 29.52 0.24 0.15 | 25.73 0.05 0.00 |
| TIANA___69_KV_BK 1 55817 | 23.58 1.79 0.00 | 22.85 1.45 0.00 | 21.76 1.29 0.00 | 20.71 1.28 0.00 | 20.59 1.13 0.00 | 22.90 1.46 0.00 | 26.91 1.95 0.00 | 30.23 2.99 -0.04 | 27.99 2.59 0.00 | 27.38 2.47 0.00 | 27.09 2.26 0.00 | 28.85 2.48 -0.22 | 30.25 2.55 -0.31 | 32.54 2.59 -0.21 | 34.84 2.57 -0.08 | 36.84 2.70 0.00 | 41.38 3.31 -0.04 | 48.18 4.34 0.00 | 50.35 4.57 -0.04 | 49.09 4.30 -1.30 | 44.94 4.08 -0.04 | 40.98 3.41 -0.87 | 31.64 2.21 0.00 | 28.27 2.59 0.00 |
| TILDEN___115KV_TB1 80814 | 21.84 0.04 0.00 | 21.25 -0.15 0.00 | 20.31 -0.16 0.00 | 19.27 -0.16 0.00 | 19.31 -0.16 0.00 | 21.31 -0.13 0.00 | 24.81 0.05 0.20 | 26.90 0.14 0.44 | 25.39 0.18 0.19 | 25.01 0.20 0.10 | 24.93 0.20 0.10 | 26.21 0.24 0.17 | 27.33 0.22 0.29 | 29.64 0.30 0.40 | 32.10 0.39 0.46 | 33.94 0.34 0.55 | 37.85 0.42 0.60 | 43.52 0.70 1.02 | 45.78 0.78 0.73 | 43.60 0.74 0.62 | 40.52 0.57 0.87 | 36.37 0.37 0.69 | 29.65 0.32 0.10 | 25.83 0.15 0.00 |
| TRIGEN___CC 323695 | 23.25 1.46 0.00 | 22.49 1.09 0.00 | 21.43 0.96 0.00 | 20.38 0.95 0.00 | 20.32 0.86 0.00 | 22.51 1.07 0.00 | 26.68 1.72 0.00 | 29.49 2.28 0.00 | 27.63 2.24 0.00 | 27.05 2.14 0.00 | 26.95 2.11 0.00 | 28.66 2.30 -0.22 | 30.12 2.41 -0.31 | 32.45 2.50 -0.21 | 34.78 2.51 -0.08 | 36.74 2.60 0.00 | 40.96 2.93 0.00 | 47.82 3.99 0.00 | 49.80 4.07 0.00 | 47.31 3.83 0.00 | 44.33 3.51 0.00 | 39.70 3.01 0.00 | 31.58 2.15 0.00 | 27.96 2.29 0.00 |
| TRINITY___115KV___4 BK 55933 | 22.36 0.57 0.00 | 21.80 0.41 0.00 | 20.86 0.39 0.00 | 19.84 0.41 0.00 | 19.85 0.39 0.00 | 21.87 0.43 0.00 | 25.63 0.67 0.00 | 27.64 0.44 0.00 | 25.73 0.33 0.00 | 25.23 0.32 0.00 | 25.11 0.27 0.00 | 26.29 0.26 0.11 | 27.57 0.33 0.16 | 30.03 0.39 0.11 | 32.56 0.42 0.04 | 34.66 0.51 0.00 | 38.68 0.65 0.00 | 45.02 1.18 0.00 | 47.06 1.33 0.00 | 44.66 1.17 0.00 | 41.88 1.06 0.00 | 37.43 0.73 0.00 | 29.93 0.50 0.00 | 26.16 0.49 0.00 |
| UNION___PROCESSING_DRP 323587 | 21.92 0.13 0.00 | 21.20 -0.19 0.00 | 20.27 -0.20 0.00 | 19.29 -0.14 0.00 | 19.27 -0.19 0.00 | 21.29 -0.15 0.00 | 24.55 0.20 0.61 | 26.11 0.24 1.33 | 25.16 0.33 0.57 | 25.05 0.45 0.31 | 25.12 0.60 0.31 | 26.21 0.58 0.51 | 26.85 0.33 0.88 | 28.88 0.36 1.22 | 31.36 0.58 1.41 | 33.20 0.72 1.67 | 37.02 0.80 1.81 | 41.80 1.05 3.09 | 44.84 1.33 2.22 | 42.82 1.22 1.89 | 39.16 0.98 2.64 | 35.05 0.44 2.08 | 29.61 0.50 0.32 | 25.65 -0.03 0.00 |
| UPPER HUDSON___HYD 24058 | 23.06 1.26 0.00 | 22.44 1.05 0.00 | 21.58 1.10 0.00 | 20.48 1.05 0.00 | 20.49 1.03 0.00 | 22.66 1.22 0.00 | 25.96 1.00 0.00 | 28.13 0.93 0.00 | 26.16 0.76 0.00 | 25.63 0.72 0.00 | 25.53 0.69 0.00 | 26.54 0.52 0.12 | 27.92 0.69 0.17 | 30.29 0.65 0.11 | 32.75 0.61 0.04 | 35.00 0.85 0.00 | 39.06 1.03 0.00 | 45.72 1.88 0.00 | 47.79 2.06 0.00 | 45.31 1.83 0.00 | 42.57 1.75 0.00 | 37.79 1.10 0.00 | 30.46 1.03 0.00 | 26.65 0.98 0.00 |
| UPPER RAQUET___HYD 24056 | 21.44 -0.35 0.00 | 21.40 0.00 0.00 | 20.49 0.02 0.00 | 19.45 0.02 0.00 | 19.48 0.02 0.00 | 21.44 0.00 0.00 | 24.63 -0.33 0.00 | 26.96 -0.25 0.00 | 25.10 -0.30 0.00 | 24.56 -0.35 0.00 | 24.51 -0.32 0.00 | 25.80 -0.34 0.00 | 27.07 -0.33 0.00 | 29.15 -0.59 0.00 | 31.25 -0.93 0.00 | 33.12 -1.02 0.00 | 37.04 -0.99 0.00 | 41.38 -2.45 0.00 | 42.99 -2.74 0.00 | 41.18 -2.31 0.00 | 38.61 -2.20 0.00 | 35.48 -1.21 0.00 | 28.75 -0.68 0.00 | 25.21 -0.46 0.00 |
| VALLEY44_115KV_TB2 355964 | 22.49 0.70 0.00 | 21.61 0.21 0.00 | 20.61 0.14 0.00 | 19.66 0.23 0.00 | 19.69 0.23 0.00 | 21.76 0.32 0.00 | 24.02 -0.45 0.49 | 25.74 -0.41 1.05 | 24.77 -0.18 0.45 | 24.67 0.00 0.24 | 24.84 0.25 0.24 | 25.85 0.10 0.40 | 26.18 -0.52 0.69 | 28.25 -0.54 0.96 | 30.78 -0.29 1.11 | 32.32 -0.51 1.32 | 36.03 -0.57 1.43 | 40.65 -0.75 2.44 | 43.57 -0.41 1.75 | 41.73 -0.26 1.49 | 38.00 -0.73 2.08 | 34.13 -0.92 1.64 | 28.71 -0.47 0.25 | 25.93 0.26 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| VALLEY___115KV_TB 1-4 80826 | 22.10 0.31 0.00 | 21.59 0.19 0.00 | 20.66 0.18 0.00 | 19.60 0.17 0.00 | 19.64 0.18 0.00 | 21.66 0.21 0.00 | 25.28 0.32 0.00 | 27.55 0.35 0.00 | 25.73 0.33 0.00 | 25.23 0.32 0.00 | 25.16 0.32 0.00 | 26.51 0.37 0.00 | 27.78 0.38 0.00 | 30.16 0.42 0.00 | 32.63 0.45 0.00 | 34.62 0.48 0.00 | 38.60 0.57 0.00 | 44.71 0.88 0.00 | 46.69 0.96 0.00 | 44.31 0.83 0.00 | 41.51 0.69 0.00 | 37.21 0.51 0.00 | 29.78 0.35 0.00 | 26.01 0.33 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 23.10 1.31 0.00 | 22.49 1.09 0.00 | 21.50 1.02 0.00 | 20.36 0.93 0.00 | 20.39 0.93 0.00 | 22.51 1.07 0.00 | 26.41 1.55 0.09 | 28.79 1.80 0.21 | 27.06 1.75 0.09 | 26.56 1.69 0.05 | 26.45 1.66 0.05 | 27.93 1.83 0.04 | 29.26 1.95 0.08 | 31.71 2.11 0.15 | 34.26 2.28 0.20 | 36.35 2.46 0.26 | 40.56 2.81 0.28 | 47.08 3.73 0.48 | 49.28 3.89 0.34 | 46.76 3.57 0.29 | 43.59 3.18 0.41 | 38.98 2.61 0.32 | 31.41 2.03 0.05 | 27.47 1.80 0.00 |
| VISCHER___FERRY HYD 24020 | 22.64 0.85 0.00 | 22.04 0.64 0.00 | 21.09 0.61 0.00 | 20.03 0.60 0.00 | 20.06 0.60 0.00 | 22.13 0.69 0.00 | 25.91 0.95 0.00 | 28.07 0.87 0.00 | 26.14 0.74 0.00 | 25.56 0.65 0.00 | 25.46 0.62 0.00 | 26.60 0.63 0.16 | 27.86 0.69 0.22 | 30.34 0.74 0.15 | 32.93 0.80 0.06 | 35.10 0.95 0.00 | 39.13 1.10 0.00 | 45.68 1.84 0.00 | 47.74 2.01 0.00 | 45.31 1.83 0.00 | 42.65 1.84 0.00 | 38.01 1.32 0.00 | 30.40 0.97 0.00 | 26.55 0.87 0.00 |
| V_A_10_SYNC_DSASP 323832 | 21.66 -0.13 0.00 | 20.93 -0.47 0.00 | 20.04 -0.43 0.00 | 19.04 -0.39 0.00 | 19.03 -0.43 0.00 | 21.01 -0.43 0.00 | 24.19 -0.15 0.62 | 25.61 -0.25 1.34 | 24.77 -0.05 0.58 | 24.70 0.10 0.31 | 24.80 0.27 0.31 | 25.84 0.21 0.51 | 26.43 -0.08 0.88 | 28.43 -0.09 1.23 | 30.73 -0.03 1.42 | 32.30 -0.17 1.68 | 36.13 -0.08 1.82 | 40.46 -0.26 3.11 | 43.77 0.28 2.23 | 41.89 0.31 1.90 | 38.15 0.00 2.66 | 34.08 -0.51 2.10 | 29.05 -0.06 0.32 | 25.39 -0.28 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 21.40 -0.39 0.00 | 21.31 -0.09 0.00 | 20.39 -0.08 0.00 | 19.35 -0.08 0.00 | 19.36 -0.10 0.00 | 21.33 -0.11 0.00 | 24.48 -0.47 0.00 | 26.74 -0.46 0.00 | 24.94 -0.46 0.00 | 24.44 -0.47 0.00 | 24.39 -0.45 0.00 | 25.67 -0.47 0.00 | 26.93 -0.47 0.00 | 29.15 -0.59 0.00 | 31.54 -0.64 0.00 | 33.43 -0.72 0.00 | 37.31 -0.72 0.00 | 42.21 -1.62 0.00 | 43.90 -1.83 0.00 | 41.92 -1.56 0.00 | 39.26 -1.55 0.00 | 35.81 -0.88 0.00 | 28.78 -0.65 0.00 | 25.14 -0.54 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 21.92 0.13 0.00 | 21.78 0.39 0.00 | 20.76 0.29 0.00 | 19.72 0.29 0.00 | 19.73 0.27 0.00 | 21.68 0.24 0.00 | 24.96 0.00 0.00 | 27.42 0.22 0.00 | 25.58 0.18 0.00 | 25.13 0.22 0.00 | 24.93 0.10 0.00 | 26.45 0.31 0.00 | 27.73 0.33 0.00 | 29.83 0.09 0.00 | 32.22 0.03 0.00 | 34.11 -0.03 0.00 | 38.45 0.42 0.00 | 42.56 -1.27 0.00 | 43.40 -2.33 0.00 | 41.88 -1.61 0.00 | 38.86 -1.96 0.00 | 35.63 -1.07 0.00 | 29.14 -0.29 0.00 | 25.29 -0.38 0.00 |
| V_D_10_SYNC_DSASP 323841 | 21.51 -0.28 0.00 | 21.44 0.04 0.00 | 20.53 0.06 0.00 | 19.47 0.04 0.00 | 19.50 0.04 0.00 | 21.46 0.02 0.00 | 24.63 -0.33 0.00 | 26.93 -0.27 0.00 | 25.10 -0.30 0.00 | 24.58 -0.32 0.00 | 24.54 -0.30 0.00 | 25.83 -0.31 0.00 | 27.10 -0.30 0.00 | 29.30 -0.45 0.00 | 31.67 -0.52 0.00 | 33.60 -0.55 0.00 | 37.50 -0.53 0.00 | 42.04 -1.80 0.00 | 43.68 -2.06 0.00 | 41.74 -1.74 0.00 | 39.18 -1.63 0.00 | 35.96 -0.73 0.00 | 28.93 -0.50 0.00 | 25.29 -0.38 0.00 |
| V_E_10_SYNC_DSASP 323830 | 23.69 1.89 0.00 | 22.96 1.56 0.00 | 21.88 1.41 0.00 | 20.71 1.28 0.00 | 20.78 1.32 0.00 | 22.99 1.54 0.00 | 26.87 2.05 0.13 | 29.27 2.37 0.29 | 27.38 2.11 0.13 | 26.81 1.97 0.07 | 26.63 1.86 0.07 | 28.18 2.12 0.08 | 29.57 2.33 0.15 | 32.06 2.56 0.24 | 34.81 2.93 0.30 | 37.09 3.31 0.36 | 41.74 4.11 0.40 | 48.59 5.43 0.68 | 51.28 6.04 0.49 | 48.90 5.83 0.41 | 45.50 5.27 0.58 | 40.42 4.18 0.46 | 32.57 3.21 0.07 | 28.30 2.62 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 22.95 1.15 0.00 | 22.34 0.94 0.00 | 21.39 0.92 0.00 | 20.31 0.88 0.00 | 20.34 0.88 0.00 | 22.45 1.01 0.00 | 26.13 1.17 0.00 | 28.34 1.14 0.00 | 26.39 0.99 0.00 | 25.83 0.92 0.00 | 25.73 0.89 0.00 | 26.90 0.89 0.13 | 28.24 1.01 0.17 | 30.73 1.10 0.12 | 33.33 1.19 0.05 | 35.55 1.40 0.00 | 39.66 1.63 0.00 | 46.33 2.50 0.00 | 48.38 2.65 0.00 | 45.92 2.43 0.00 | 43.18 2.37 0.00 | 38.42 1.72 0.00 | 30.79 1.35 0.00 | 26.91 1.23 0.00 |
| V_F_30_SYNC_DSASP 323786 | 22.42 0.63 0.00 | 21.89 0.49 0.00 | 20.94 0.47 0.00 | 19.92 0.49 0.00 | 19.91 0.45 0.00 | 21.93 0.49 0.00 | 25.71 0.75 0.00 | 27.72 0.52 0.00 | 25.83 0.43 0.00 | 25.33 0.42 0.00 | 25.21 0.37 0.00 | 26.42 0.39 0.12 | 27.70 0.47 0.16 | 30.17 0.54 0.11 | 32.75 0.61 0.04 | 34.86 0.72 0.00 | 38.87 0.84 0.00 | 45.28 1.45 0.00 | 47.29 1.55 0.00 | 44.88 1.39 0.00 | 42.08 1.27 0.00 | 37.61 0.92 0.00 | 30.08 0.65 0.00 | 26.29 0.62 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 21.92 0.13 0.00 | 21.78 0.39 0.00 | 20.76 0.29 0.00 | 19.72 0.29 0.00 | 19.73 0.27 0.00 | 21.68 0.24 0.00 | 24.96 0.00 0.00 | 27.42 0.22 0.00 | 25.58 0.18 0.00 | 25.13 0.22 0.00 | 24.93 0.10 0.00 | 26.45 0.31 0.00 | 27.73 0.33 0.00 | 29.83 0.09 0.00 | 32.22 0.03 0.00 | 34.11 -0.03 0.00 | 38.45 0.42 0.00 | 42.56 -1.27 0.00 | 43.40 -2.33 0.00 | 41.88 -1.61 0.00 | 38.86 -1.96 0.00 | 35.63 -1.07 0.00 | 29.14 -0.29 0.00 | 25.29 -0.38 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 23.12 1.33 0.00 | 22.36 0.96 0.00 | 21.39 0.92 0.00 | 20.27 0.84 0.00 | 20.32 0.86 0.00 | 22.38 0.94 0.00 | 26.71 1.75 0.00 | 29.24 2.04 0.00 | 27.43 2.03 0.00 | 26.85 1.94 0.00 | 26.80 1.96 0.00 | 28.39 2.04 -0.21 | 29.82 2.14 -0.29 | 32.29 2.35 -0.20 | 34.68 2.41 -0.08 | 36.64 2.49 0.00 | 40.77 2.74 0.00 | 47.74 3.90 0.00 | 49.62 3.89 0.00 | 47.05 3.57 0.00 | 44.08 3.27 0.00 | 39.26 2.57 0.00 | 31.49 2.06 0.00 | 27.58 1.90 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 23.30 1.50 0.00 | 22.53 1.13 0.00 | 21.54 1.06 0.00 | 20.42 0.99 0.00 | 20.45 0.99 0.00 | 22.56 1.11 0.00 | 26.88 1.92 0.00 | 29.49 2.28 0.00 | 27.74 2.34 0.00 | 27.15 2.24 0.00 | 27.12 2.28 0.00 | 28.77 2.40 -0.22 | 30.23 2.52 -0.31 | 32.72 2.77 -0.21 | 35.16 2.90 -0.08 | 37.12 2.97 0.00 | 41.19 3.16 0.00 | 48.31 4.47 0.00 | 50.12 4.39 0.00 | 47.48 4.00 0.00 | 44.57 3.76 0.00 | 39.67 2.97 0.00 | 31.81 2.38 0.00 | 27.83 2.16 0.00 |
| W50THST__13_KV_LOAD 356117 | 23.38 1.59 0.00 | 22.62 1.22 0.00 | 21.62 1.15 0.00 | 20.50 1.07 0.00 | 20.53 1.07 0.00 | 22.64 1.20 0.00 | 27.01 2.05 0.00 | 29.62 2.42 0.00 | 27.89 2.49 0.00 | 27.30 2.39 0.00 | 27.27 2.43 0.00 | 28.93 2.56 -0.22 | 30.39 2.68 -0.31 | 32.93 2.97 -0.21 | 35.36 3.09 -0.08 | 37.36 3.21 0.00 | 41.41 3.38 0.00 | 48.57 4.73 0.00 | 50.40 4.66 0.00 | 47.74 4.26 0.00 | 44.77 3.96 0.00 | 39.81 3.12 0.00 | 31.93 2.50 0.00 | 27.94 2.26 0.00 |
| WADING RIVER_IC_1 23522 | 23.29 1.50 0.00 | 22.59 1.20 0.00 | 21.31 0.84 0.00 | 20.46 1.03 0.00 | 20.36 0.90 0.00 | 22.64 1.20 0.00 | 26.61 1.65 0.00 | 29.88 2.64 -0.04 | 27.69 2.29 0.00 | 27.10 2.19 0.00 | 26.80 1.96 0.00 | 28.53 2.17 -0.22 | 29.92 2.22 -0.31 | 32.10 2.14 -0.21 | 34.58 2.32 -0.08 | 36.57 2.42 0.00 | 40.96 2.89 -0.04 | 48.04 4.21 0.00 | 49.98 4.20 -0.04 | 48.92 4.13 -1.30 | 45.06 4.20 -0.04 | 40.65 3.08 -0.87 | 31.46 2.03 0.00 | 28.01 2.34 0.00 |

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| WADING RIVER_IC_2 23547 | 23.29 1.50 0.00 | 22.59 1.20 0.00 | 21.31 0.84 0.00 | 20.46 1.03 0.00 | 20.36 0.90 0.00 | 22.64 1.20 0.00 | 26.61 1.65 0.00 | 29.88 2.64 -0.04 | 27.69 2.29 0.00 | 27.10 2.19 0.00 | 26.80 1.96 0.00 | 28.53 2.17 -0.22 | 29.92 2.22 -0.31 | 32.10 2.14 -0.21 | 34.58 2.32 -0.08 | 36.57 2.42 0.00 | 40.96 2.89 -0.04 | 48.04 4.21 0.00 | 49.98 4.20 -0.04 | 48.92 4.13 -1.30 | 45.06 4.20 -0.04 | 40.65 3.08 -0.87 | 31.46 2.03 0.00 | 28.01 2.34 0.00 |
| WADING RIVER_IC_3 23601 | 23.29 1.50 0.00 | 22.59 1.20 0.00 | 21.31 0.84 0.00 | 20.46 1.03 0.00 | 20.36 0.90 0.00 | 22.64 1.20 0.00 | 26.61 1.65 0.00 | 29.88 2.64 -0.04 | 27.69 2.29 0.00 | 27.10 2.19 0.00 | 26.80 1.96 0.00 | 28.53 2.17 -0.22 | 29.92 2.22 -0.31 | 32.10 2.14 -0.21 | 34.58 2.32 -0.08 | 36.57 2.42 0.00 | 40.96 2.89 -0.04 | 48.04 4.21 0.00 | 49.98 4.20 -0.04 | 48.92 4.13 -1.30 | 45.06 4.20 -0.04 | 40.65 3.08 -0.87 | 31.46 2.03 0.00 | 28.01 2.34 0.00 |
| WALDENNY_I2_KV_BK2 80841 | 22.23 0.44 0.00 | 21.37 -0.02 0.00 | 20.39 -0.08 0.00 | 19.47 0.04 0.00 | 19.44 -0.02 0.00 | 21.46 0.02 0.00 | 24.29 -0.12 0.54 | 25.95 -0.08 1.17 | 25.05 0.15 0.50 | 24.99 0.35 0.27 | 25.16 0.60 0.27 | 26.22 0.52 0.44 | 26.63 0.00 0.77 | 28.70 0.03 1.07 | 31.30 0.35 1.23 | 32.99 0.31 1.46 | 36.71 0.27 1.58 | 41.48 0.35 2.71 | 44.47 0.69 1.94 | 42.57 0.74 1.65 | 38.75 0.24 2.32 | 34.54 -0.33 1.83 | 29.21 0.06 0.28 | 25.68 0.00 0.00 |
| WALDEN___HYDRO 24148 | 22.97 1.18 0.00 | 22.21 0.81 0.00 | 21.25 0.78 0.00 | 20.15 0.72 0.00 | 20.18 0.72 0.00 | 22.23 0.79 0.00 | 26.53 1.57 0.00 | 29.00 1.80 0.00 | 27.18 1.78 0.00 | 26.58 1.67 0.00 | 26.50 1.66 0.00 | 28.06 1.73 -0.19 | 29.49 1.84 -0.26 | 31.94 2.02 -0.18 | 34.38 2.12 -0.07 | 36.37 2.22 0.00 | 40.54 2.51 0.00 | 47.47 3.64 0.00 | 49.44 3.70 0.00 | 46.88 3.39 0.00 | 43.92 3.10 0.00 | 39.15 2.46 0.00 | 31.31 1.88 0.00 | 27.42 1.75 0.00 |
| WARRENSBURG___ 23737 | 23.06 1.26 0.00 | 22.44 1.05 0.00 | 21.58 1.10 0.00 | 20.48 1.05 0.00 | 20.49 1.03 0.00 | 22.66 1.22 0.00 | 25.96 1.00 0.00 | 28.13 0.93 0.00 | 26.16 0.76 0.00 | 25.63 0.72 0.00 | 25.53 0.69 0.00 | 26.54 0.52 0.12 | 27.92 0.69 0.17 | 30.29 0.65 0.11 | 32.75 0.61 0.04 | 35.00 0.85 0.00 | 39.06 1.03 0.00 | 45.72 1.88 0.00 | 47.79 2.06 0.00 | 45.31 1.83 0.00 | 42.57 1.75 0.00 | 37.79 1.10 0.00 | 30.46 1.03 0.00 | 26.65 0.98 0.00 |
| WATERSIDE___6 8 9 23538 | 23.35 1.55 -0.01 | 22.55 1.16 0.00 | 21.60 1.13 -0.01 | 20.46 1.03 0.00 | 20.50 1.03 -0.01 | 22.56 1.11 0.00 | 26.93 1.97 0.00 | 29.55 2.34 -0.01 | 27.78 2.36 -0.02 | 27.19 2.27 -0.02 | 32.19 2.31 -5.04 | 35.09 2.43 -6.52 | 35.43 2.55 -5.49 | 37.30 2.80 -4.76 | 37.81 2.93 -2.70 | 37.88 3.00 -0.73 | 41.26 3.23 0.00 | 48.22 4.38 0.00 | 50.03 4.30 0.00 | 47.40 3.91 0.00 | 44.57 3.76 0.00 | 39.74 3.08 0.04 | 31.87 2.44 0.00 | 27.92 2.23 -0.01 |
| WATKINRD_115KV_LN8_ILLION 55919 | 22.05 0.26 0.00 | 21.57 0.17 0.00 | 20.64 0.16 0.00 | 19.57 0.14 0.00 | 19.62 0.16 0.00 | 21.61 0.17 0.00 | 25.26 0.30 0.00 | 27.50 0.30 0.00 | 25.68 0.28 0.00 | 25.18 0.27 0.00 | 25.11 0.27 0.00 | 26.43 0.29 0.00 | 27.70 0.30 0.00 | 30.07 0.33 0.00 | 32.54 0.35 0.00 | 34.56 0.41 0.00 | 38.52 0.49 0.00 | 44.62 0.79 0.00 | 46.60 0.87 0.00 | 44.27 0.78 0.00 | 41.47 0.65 0.00 | 37.17 0.48 0.00 | 29.78 0.35 0.00 | 25.98 0.31 0.00 |
| WATSON___69_KV_BK 1 55734 | 23.86 2.07 0.00 | 23.04 1.65 0.00 | 21.95 1.47 0.00 | 20.89 1.46 0.00 | 20.78 1.32 0.00 | 23.11 1.67 0.00 | 27.26 2.30 0.00 | 29.99 2.77 -0.01 | 28.35 2.95 0.00 | 27.72 2.81 0.00 | 27.57 2.73 0.00 | 29.37 3.01 -0.22 | 30.83 3.12 -0.31 | 33.19 3.24 -0.21 | 35.55 3.28 -0.08 | 37.59 3.45 0.00 | 41.92 3.88 -0.01 | 49.01 5.17 0.00 | 50.78 5.03 -0.01 | 48.20 4.26 -0.45 | 44.83 4.00 -0.01 | 40.41 3.41 -0.30 | 32.34 2.91 0.00 | 28.81 3.13 0.00 |
| WDELAWARE___HYD 323627 | 22.86 1.07 0.00 | 22.08 0.68 0.00 | 21.11 0.64 0.00 | 20.01 0.58 0.00 | 20.03 0.56 0.00 | 22.08 0.64 0.00 | 26.53 1.57 0.00 | 29.02 1.82 0.00 | 27.20 1.80 0.00 | 26.55 1.64 0.00 | 26.43 1.59 0.00 | 27.95 1.67 -0.14 | 29.31 1.73 -0.19 | 31.80 1.93 -0.13 | 34.32 2.09 -0.05 | 36.43 2.29 0.00 | 40.65 2.62 0.00 | 47.82 3.99 0.00 | 49.85 4.12 0.00 | 47.22 3.74 0.00 | 44.41 3.59 0.00 | 39.41 2.72 0.00 | 31.46 2.03 0.00 | 27.45 1.77 0.00 |
| WEST BABYLON___IC 23714 | 23.69 1.90 0.00 | 22.89 1.50 0.00 | 21.80 1.33 0.00 | 20.73 1.30 0.00 | 20.65 1.19 0.00 | 22.94 1.50 0.00 | 27.08 2.12 0.00 | 29.95 2.75 0.00 | 28.14 2.74 0.00 | 27.52 2.62 0.00 | 27.39 2.56 0.00 | 29.16 2.80 -0.22 | 30.61 2.90 -0.31 | 32.96 3.00 -0.21 | 35.29 3.03 -0.08 | 37.32 3.18 0.00 | 41.65 3.61 0.00 | 48.61 4.78 0.00 | 50.63 4.89 0.00 | 47.98 4.39 -0.10 | 44.90 4.08 0.00 | 40.28 3.52 -0.07 | 32.11 2.68 0.00 | 28.58 2.90 0.00 |
| WEST CANADA___HYD 24049 | 21.99 0.20 0.00 | 21.50 0.11 0.00 | 20.57 0.10 0.00 | 19.53 0.10 0.00 | 19.56 0.10 0.00 | 21.57 0.13 0.00 | 25.18 0.22 0.00 | 27.44 0.24 0.00 | 25.63 0.23 0.00 | 25.11 0.20 0.00 | 25.03 0.20 0.00 | 26.35 0.21 0.00 | 27.61 0.22 0.00 | 29.98 0.24 0.00 | 32.47 0.29 0.00 | 34.45 0.31 0.00 | 38.37 0.34 0.00 | 44.45 0.61 0.00 | 46.37 0.64 0.00 | 44.05 0.56 0.00 | 41.34 0.53 0.00 | 37.02 0.33 0.00 | 29.66 0.23 0.00 | 25.91 0.23 0.00 |
| WESTERN_NY_WIND 24143 | 22.27 0.48 0.00 | 21.44 0.04 0.00 | 20.49 0.02 0.00 | 19.55 0.12 0.00 | 19.50 0.04 0.00 | 21.55 0.11 0.00 | 24.75 0.37 0.58 | 26.29 0.35 1.26 | 25.34 0.48 0.54 | 25.22 0.60 0.29 | 25.36 0.82 0.29 | 26.39 0.73 0.48 | 26.87 0.30 0.83 | 28.91 0.33 1.16 | 31.49 0.64 1.33 | 33.32 0.75 1.58 | 37.30 0.99 1.71 | 42.22 1.32 2.93 | 45.41 1.78 2.10 | 43.39 1.70 1.79 | 39.66 1.35 2.50 | 35.34 0.62 1.98 | 29.84 0.71 0.30 | 25.91 0.23 0.00 |
| WESTOVER___LESR 323668 | 22.27 0.48 0.00 | 21.63 0.24 0.00 | 20.66 0.18 0.00 | 19.60 0.17 0.00 | 19.66 0.19 0.00 | 21.70 0.26 0.00 | 25.28 0.47 0.15 | 27.44 0.57 0.33 | 25.87 0.61 0.14 | 25.46 0.62 0.08 | 25.43 0.67 0.08 | 26.73 0.68 0.09 | 27.83 0.60 0.17 | 30.16 0.68 0.27 | 32.65 0.80 0.34 | 34.59 0.85 0.41 | 38.61 1.03 0.45 | 44.52 1.45 0.76 | 46.78 1.60 0.55 | 44.58 1.57 0.47 | 41.43 1.27 0.65 | 37.06 0.88 0.51 | 30.12 0.77 0.08 | 26.29 0.62 0.00 |
| WETHRSFD_WT_PWR 323626 | 22.12 0.33 0.00 | 21.31 -0.09 0.00 | 20.37 -0.10 0.00 | 19.35 -0.08 0.00 | 19.33 -0.14 0.00 | 21.33 -0.11 0.00 | 24.31 -0.17 0.47 | 26.12 -0.05 1.03 | 25.11 0.15 0.44 | 25.02 0.35 0.24 | 25.14 0.55 0.24 | 26.19 0.44 0.39 | 26.80 0.08 0.68 | 28.95 0.15 0.94 | 31.42 0.32 1.09 | 33.03 0.17 1.29 | 36.75 0.11 1.39 | 41.54 0.09 2.38 | 44.71 0.69 1.71 | 42.81 0.78 1.46 | 39.14 0.37 2.04 | 34.79 -0.29 1.61 | 29.30 0.12 0.24 | 25.86 0.18 0.00 |
| WHAVESTOR_138KV_BK127 55557 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.35 0.88 0.00 | 20.25 0.82 0.00 | 20.28 0.82 0.00 | 22.36 0.92 0.00 | 26.63 1.67 0.00 | 29.13 1.93 0.00 | 27.33 1.93 0.00 | 26.78 1.87 0.00 | 26.72 1.89 0.00 | 28.31 1.96 -0.21 | 29.72 2.03 -0.29 | 32.17 2.23 -0.20 | 34.55 2.28 -0.08 | 36.50 2.36 0.00 | 40.62 2.59 0.00 | 47.52 3.68 0.00 | 49.39 3.66 0.00 | 46.83 3.35 0.00 | 43.92 3.10 0.00 | 39.12 2.42 0.00 | 31.37 1.94 0.00 | 27.47 1.80 0.00 |

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| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 23.08 1.29 0.00 | 22.32 0.92 0.00 | 21.35 0.88 0.00 | 20.25 0.82 0.00 | 20.28 0.82 0.00 | 22.36 0.92 0.00 | 26.63 1.67 0.00 | 29.13 1.93 0.00 | 27.33 1.93 0.00 | 26.78 1.87 0.00 | 26.72 1.89 0.00 | 28.31 1.96 -0.21 | 29.72 2.03 -0.29 | 32.17 2.23 -0.20 | 34.55 2.28 -0.08 | 36.50 2.36 0.00 | 40.62 2.59 0.00 | 47.52 3.68 0.00 | 49.39 3.66 0.00 | 46.83 3.35 0.00 | 43.92 3.10 0.00 | 39.12 2.42 0.00 | 31.37 1.94 0.00 | 27.47 1.80 0.00 |
| WHITEHAL_115KV_TB1 80871 | 23.51 1.72 0.00 | 22.87 1.48 0.00 | 21.97 1.49 0.00 | 20.83 1.40 0.00 | 20.84 1.38 0.00 | 23.09 1.65 0.00 | 26.53 1.57 0.00 | 28.72 1.52 0.00 | 26.64 1.24 0.00 | 26.08 1.17 0.00 | 25.98 1.14 0.00 | 27.06 1.05 0.12 | 28.49 1.26 0.17 | 30.94 1.31 0.11 | 33.49 1.35 0.05 | 35.82 1.67 0.00 | 40.04 2.02 0.00 | 47.04 3.20 0.00 | 49.25 3.52 0.00 | 46.79 3.30 0.00 | 43.80 2.98 0.00 | 38.86 2.16 0.00 | 31.26 1.82 0.00 | 27.37 1.69 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 23.36 1.57 0.00 | 22.59 1.20 0.00 | 21.64 1.17 0.00 | 20.50 1.07 0.00 | 20.53 1.07 0.00 | 22.62 1.18 0.00 | 26.96 2.00 0.00 | 29.51 2.31 0.00 | 27.74 2.34 0.00 | 27.15 2.24 0.00 | 27.12 2.28 0.00 | 28.80 2.43 -0.22 | 30.25 2.55 -0.31 | 32.81 2.86 -0.21 | 35.23 2.96 -0.08 | 37.25 3.11 0.00 | 41.45 3.42 0.00 | 48.70 4.87 0.00 | 50.49 4.76 0.00 | 47.88 4.39 0.00 | 44.82 4.00 0.00 | 39.89 3.19 0.00 | 31.90 2.47 0.00 | 27.94 2.26 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 23.49 1.70 0.00 | 22.77 1.37 0.00 | 21.68 1.21 0.00 | 20.63 1.20 0.00 | 20.53 1.07 0.00 | 22.81 1.37 0.00 | 26.83 1.87 0.00 | 30.13 2.88 -0.04 | 27.91 2.51 0.00 | 27.28 2.37 0.00 | 27.04 2.21 0.00 | 28.80 2.43 -0.22 | 30.23 2.52 -0.31 | 32.54 2.59 -0.21 | 34.81 2.54 -0.08 | 36.84 2.70 0.00 | 41.34 3.27 -0.04 | 48.18 4.34 0.00 | 50.35 4.57 -0.04 | 49.07 4.30 -1.29 | 44.94 4.08 -0.04 | 40.97 3.41 -0.86 | 31.73 2.30 0.00 | 28.32 2.64 0.00 |
| WOODARD__115KV_TB2 355635 | 21.68 -0.11 0.00 | 21.12 -0.28 0.00 | 20.18 -0.29 0.00 | 19.16 -0.27 0.00 | 19.21 -0.25 0.00 | 21.18 -0.26 0.00 | 24.60 -0.10 0.26 | 26.59 -0.05 0.56 | 25.13 -0.03 0.24 | 24.81 0.02 0.13 | 24.75 0.05 0.13 | 25.98 0.05 0.21 | 27.05 0.03 0.37 | 29.32 0.09 0.51 | 31.72 0.13 0.59 | 33.55 0.10 0.70 | 37.38 0.11 0.76 | 42.89 0.35 1.30 | 45.21 0.41 0.93 | 43.08 0.39 0.80 | 39.95 0.24 1.11 | 35.89 0.07 0.88 | 29.41 0.12 0.13 | 25.62 -0.05 0.00 |
| YORK___WARBASSE 23770 | 23.52 1.72 -0.01 | 22.73 1.33 -0.01 | 21.75 1.27 -0.01 | 20.60 1.17 -0.01 | 20.64 1.17 -0.01 | 22.71 1.27 0.00 | 27.11 2.15 -0.01 | 29.71 2.50 -0.01 | 27.91 2.49 -0.02 | 27.32 2.39 -0.02 | 33.12 2.43 -5.85 | 41.73 2.56 -13.03 | 40.90 2.68 -10.82 | 40.66 2.97 -7.94 | 39.19 3.12 -3.89 | 38.62 3.21 -1.27 | 41.53 3.50 0.00 | 48.53 4.69 0.00 | 50.31 4.57 0.00 | 47.66 4.17 0.00 | 44.82 4.00 0.00 | 40.31 3.34 -0.28 | 32.09 2.65 -0.01 | 28.07 2.39 -0.01 |