

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/18/2024

| 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 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 | 28.81 | 26.19 | 26.42 | 35.62 | 33.03 | 42.48 | 37.40 | 37.59 | 35.00 | 28.02 | -12.08 | 25.96 | 25.15 | 27.72 | 29.53 | 42.52 | 43.05 | 54.69 | 48.31 | 41.83 | 32.09 | 27.35 | 29.16 | 26.21 |
| 24138 | 1.62 | 1.50 | 1.45 | 1.79 | 1.73 | 2.48 | 2.56 | 2.95 | 2.85 | 3.24 | 2.39 | 2.33 | 2.32 | 2.37 | 2.66 | 3.54 | 3.54 | 4.31 | 3.67 | 3.11 | 2.43 | 1.97 | 2.07 | 1.82 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.26 | 38.59 | -0.86 | -0.39 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 28.85 | 26.22 | 26.45 | 35.67 | 33.05 | 42.54 | 37.45 | 37.66 | 35.07 | 116.48 | 367.24 | 29.05 | 25.12 | 27.68 | 29.51 | 42.48 | 43.04 | 54.70 | 48.33 | 41.87 | 32.09 | 27.35 | 29.18 | 26.23 |
| 24260 | 1.66 | 1.52 | 1.49 | 1.83 | 1.76 | 2.53 | 2.61 | 3.02 | 2.92 | 3.29 | 2.39 | 2.30 | 2.28 | 2.33 | 2.64 | 3.50 | 3.53 | 4.32 | 3.69 | 3.15 | 2.44 | 1.97 | 2.09 | 1.84 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -79.15 | -340.73 | -3.97 | -0.39 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 28.85 | 26.22 | 26.45 | 35.67 | 33.05 | 42.54 | 37.45 | 37.66 | 35.07 | 116.48 | 367.24 | 29.05 | 25.12 | 27.68 | 29.51 | 42.48 | 43.04 | 54.70 | 48.33 | 41.87 | 32.09 | 27.35 | 29.18 | 26.23 |
| 24261 | 1.66 | 1.52 | 1.49 | 1.83 | 1.76 | 2.53 | 2.61 | 3.02 | 2.92 | 3.29 | 2.39 | 2.30 | 2.28 | 2.33 | 2.64 | 3.50 | 3.53 | 4.32 | 3.69 | 3.15 | 2.44 | 1.97 | 2.09 | 1.84 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -79.15 | -340.73 | -3.97 | -0.39 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 29.05 | 26.35 | 26.63 | 35.99 | 33.42 | 42.88 | 37.60 | 37.50 | 34.87 | 36.68 | 25.80 | 24.28 | 24.04 | 24.93 | 29.01 | 42.30 | 42.86 | 54.66 | 48.24 | 41.72 | 32.03 | 27.41 | 29.24 | 26.13 |
| 24011 | 1.86 | 1.66 | 1.67 | 2.16 | 2.13 | 2.88 | 2.76 | 2.87 | 2.72 | 2.64 | 1.75 | 1.60 | 1.63 | 1.75 | 2.14 | 3.31 | 3.35 | 4.29 | 3.60 | 3.01 | 2.37 | 2.03 | 2.16 | 1.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.09 | 0.03 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 29.24 | 26.51 | 26.80 | 36.17 | 33.63 | 43.16 | 37.89 | 37.74 | 35.09 | 36.88 | 25.90 | 24.37 | 24.13 | 25.05 | 29.15 | 42.51 | 43.10 | 55.01 | 48.47 | 41.91 | 32.20 | 27.57 | 29.41 | 26.25 |
| 23798 | 2.05 | 1.82 | 1.84 | 2.34 | 2.34 | 3.16 | 3.05 | 3.10 | 2.94 | 2.84 | 1.86 | 1.68 | 1.72 | 1.87 | 2.28 | 3.53 | 3.60 | 4.64 | 3.82 | 3.20 | 2.54 | 2.20 | 2.33 | 1.85 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.09 | 0.03 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 29.05 | 26.35 | 26.63 | 35.99 | 33.42 | 42.88 | 37.60 | 37.50 | 34.87 | 36.68 | 25.80 | 24.28 | 24.04 | 24.93 | 29.01 | 42.30 | 42.86 | 54.66 | 48.24 | 41.72 | 32.03 | 27.41 | 29.24 | 26.13 |
| 24028 | 1.86 | 1.66 | 1.67 | 2.16 | 2.13 | 2.88 | 2.76 | 2.87 | 2.72 | 2.64 | 1.75 | 1.60 | 1.63 | 1.75 | 2.14 | 3.31 | 3.35 | 4.29 | 3.60 | 3.01 | 2.37 | 2.03 | 2.16 | 1.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.09 | 0.03 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 28.80 | 26.17 | 26.45 | 35.73 | 33.15 | 42.53 | 37.12 | 37.19 | 34.58 | 36.55 | 25.73 | 24.13 | 23.88 | 24.64 | 28.81 | 41.87 | 42.15 | 53.57 | 47.44 | 41.02 | 31.70 | 27.11 | 28.93 | 25.85 |
| 23527 | 1.61 | 1.48 | 1.49 | 1.90 | 1.86 | 2.53 | 2.28 | 2.55 | 2.43 | 2.51 | 1.70 | 1.48 | 1.48 | 1.52 | 1.94 | 2.89 | 2.64 | 3.20 | 2.79 | 2.30 | 2.04 | 1.73 | 1.84 | 1.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.12 | 0.04 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 27.42 | 24.90 | 25.17 | 34.14 | 31.59 | 40.39 | 35.27 | 35.30 | 32.79 | 34.70 | 24.52 | 23.18 | 22.91 | 23.63 | 27.42 | 39.78 | 40.23 | 51.13 | 45.32 | 39.23 | 30.12 | 25.78 | 27.49 | 24.64 |
| 24190 | 0.24 | 0.21 | 0.20 | 0.30 | 0.30 | 0.39 | 0.43 | 0.67 | 0.64 | 0.66 | 0.48 | 0.50 | 0.50 | 0.46 | 0.55 | 0.79 | 0.73 | 0.76 | 0.68 | 0.51 | 0.46 | 0.40 | 0.40 | 0.25 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.10 | 0.03 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 26.62 | 24.05 | 24.29 | 32.38 | 29.41 | 37.81 | 33.14 | 32.65 | 29.98 | 31.95 | 22.54 | 21.41 | 21.08 | 22.18 | 25.71 | 36.98 | 37.87 | 49.34 | 44.16 | 38.63 | 29.33 | 24.59 | 26.37 | 23.83 |
| 355683 | -0.57 | -0.64 | -0.67 | -1.45 | -1.89 | -2.19 | -1.70 | -1.99 | -2.17 | -2.09 | -1.59 | -1.36 | -1.37 | -1.15 | -1.16 | -2.00 | -1.64 | -1.03 | -0.48 | -0.09 | -0.33 | -0.79 | -0.71 | -0.56 |
| | 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 | 27.92 | 25.36 | 25.65 | 34.84 | 32.21 | 41.19 | 35.94 | 35.93 | 33.23 | 35.12 | 24.79 | 23.33 | 22.98 | 23.84 | 27.61 | 40.27 | 40.89 | 52.04 | 46.13 | 39.94 | 30.65 | 26.23 | 27.98 | 25.10 |
| 323833 | 0.73 | 0.67 | 0.68 | 1.01 | 0.92 | 1.19 | 1.10 | 1.29 | 1.08 | 1.07 | 0.70 | 0.60 | 0.56 | 0.59 | 0.74 | 1.29 | 1.39 | 1.66 | 1.48 | 1.23 | 0.99 | 0.85 | 0.89 | 0.70 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.05 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_2_SOLAR | 27.92 | 25.36 | 25.65 | 34.84 | 32.20 | 41.18 | 35.94 | 35.92 | 33.22 | 35.11 | 24.78 | 23.33 | 22.98 | 23.84 | 27.61 | 40.26 | 40.88 | 52.03 | 46.12 | 39.93 | 30.64 | 26.23 | 27.97 | 25.09 |
| 323834 | 0.73 | 0.67 | 0.68 | 1.00 | 0.91 | 1.17 | 1.10 | 1.29 | 1.07 | 1.07 | 0.69 | 0.60 | 0.56 | 0.59 | 0.74 | 1.27 | 1.38 | 1.66 | 1.48 | 1.22 | 0.98 | 0.85 | 0.88 | 0.69 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.05 | 0.02 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 27.42 | 24.90 | 25.17 | 34.14 | 31.59 | 40.39 | 35.27 | 35.30 | 32.79 | 34.70 | 24.52 | 23.18 | 22.91 | 23.63 | 27.42 | 39.78 | 40.23 | 51.13 | 45.32 | 39.23 | 30.12 | 25.78 | 27.49 | 24.64 |
| 23571 | 0.24 | 0.21 | 0.20 | 0.30 | 0.30 | 0.39 | 0.43 | 0.67 | 0.64 | 0.66 | 0.48 | 0.50 | 0.50 | 0.46 | 0.55 | 0.79 | 0.73 | 0.76 | 0.68 | 0.51 | 0.46 | 0.40 | 0.40 | 0.25 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.10 | 0.03 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 27.42 0.24 0.00 | 24.90 0.21 0.00 | 25.17 0.20 0.00 | 34.14 0.30 0.00 | 31.59 0.30 0.00 | 40.39 0.39 0.00 | 35.27 0.43 0.00 | 35.30 0.67 0.00 | 32.79 0.64 0.00 | 34.70 0.66 0.00 | 24.52 0.48 0.07 | 23.18 0.50 0.10 | 22.91 0.50 0.03 | 23.63 0.46 0.16 | 27.42 0.55 0.00 | 39.78 0.79 0.00 | 40.23 0.73 0.00 | 51.13 0.76 0.00 | 45.32 0.68 0.00 | 39.23 0.51 0.00 | 30.12 0.46 0.00 | 25.78 0.40 0.00 | 27.49 0.40 0.00 | 24.64 0.25 0.00 |
| ALBANY___3 23573 | 27.42 0.24 0.00 | 24.90 0.21 0.00 | 25.17 0.20 0.00 | 34.14 0.30 0.00 | 31.59 0.30 0.00 | 40.39 0.39 0.00 | 35.27 0.43 0.00 | 35.30 0.67 0.00 | 32.79 0.64 0.00 | 34.70 0.66 0.00 | 24.52 0.48 0.07 | 23.18 0.50 0.10 | 22.91 0.50 0.03 | 23.63 0.46 0.16 | 27.42 0.55 0.00 | 39.78 0.79 0.00 | 40.23 0.73 0.00 | 51.13 0.76 0.00 | 45.32 0.68 0.00 | 39.23 0.51 0.00 | 30.12 0.46 0.00 | 25.78 0.40 0.00 | 27.49 0.40 0.00 | 24.64 0.25 0.00 |
| ALBANY___4 23574 | 27.42 0.24 0.00 | 24.90 0.21 0.00 | 25.17 0.20 0.00 | 34.14 0.30 0.00 | 31.59 0.30 0.00 | 40.39 0.39 0.00 | 35.27 0.43 0.00 | 35.30 0.67 0.00 | 32.79 0.64 0.00 | 34.70 0.66 0.00 | 24.52 0.48 0.07 | 23.18 0.50 0.10 | 22.91 0.50 0.03 | 23.63 0.46 0.16 | 27.42 0.55 0.00 | 39.78 0.79 0.00 | 40.23 0.73 0.00 | 51.13 0.76 0.00 | 45.32 0.68 0.00 | 39.23 0.51 0.00 | 30.12 0.46 0.00 | 25.78 0.40 0.00 | 27.49 0.40 0.00 | 24.64 0.25 0.00 |
| ALBANY___LFGE 323615 | 27.71 0.52 0.00 | 25.17 0.48 0.00 | 25.44 0.47 0.00 | 34.50 0.66 0.00 | 31.92 0.63 0.00 | 40.84 0.84 0.00 | 35.67 0.82 0.00 | 35.70 1.06 0.00 | 33.17 1.02 0.00 | 35.09 1.06 0.00 | 24.79 0.74 0.07 | 23.43 0.75 0.10 | 23.15 0.74 0.03 | 23.90 0.74 0.16 | 27.74 0.87 0.00 | 40.25 1.26 0.00 | 40.61 1.11 0.00 | 51.61 1.24 0.00 | 45.74 1.09 0.00 | 39.59 0.87 0.00 | 30.39 0.73 0.00 | 26.01 0.63 0.00 | 27.73 0.65 0.00 | 24.86 0.46 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 26.75 -0.44 0.00 | 24.16 -0.52 0.00 | 24.40 -0.56 0.00 | 32.54 -1.29 0.00 | 29.57 -1.72 0.00 | 38.04 -1.96 0.00 | 33.34 -1.50 0.00 | 32.85 -1.78 0.00 | 30.15 -2.00 0.00 | 32.10 -1.94 0.00 | 22.62 -1.50 0.00 | 21.51 -1.27 0.00 | 21.17 -1.27 0.00 | 22.30 -1.03 0.00 | 25.86 -1.01 0.00 | 37.21 -1.77 0.00 | 38.12 -1.38 0.00 | 49.66 -0.71 0.00 | 44.44 -0.20 0.00 | 38.87 0.16 0.00 | 29.51 -0.15 0.00 | 24.51 -0.88 0.00 | 26.51 -0.58 0.00 | 23.98 -0.41 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 26.75 -0.44 0.00 | 24.16 -0.52 0.00 | 24.40 -0.56 0.00 | 32.54 -1.29 0.00 | 29.57 -1.72 0.00 | 38.04 -1.96 0.00 | 33.34 -1.50 0.00 | 32.85 -1.78 0.00 | 30.15 -2.00 0.00 | 32.10 -1.94 0.00 | 22.62 -1.50 0.00 | 21.51 -1.27 0.00 | 21.17 -1.27 0.00 | 22.30 -1.03 0.00 | 25.86 -1.01 0.00 | 37.21 -1.77 0.00 | 38.12 -1.38 0.00 | 49.66 -0.71 0.00 | 44.44 -0.20 0.00 | 38.87 0.16 0.00 | 29.51 -0.15 0.00 | 24.51 -0.88 0.00 | 26.51 -0.58 0.00 | 23.98 -0.41 0.00 |
| ALCOA___DSASP 323711 | 26.74 -0.45 0.00 | 24.16 -0.52 0.00 | 24.40 -0.56 0.00 | 32.54 -1.29 0.00 | 29.57 -1.72 0.00 | 38.04 -1.96 0.00 | 33.35 -1.49 0.00 | 32.85 -1.78 0.00 | 30.15 -2.00 0.00 | 32.10 -1.94 0.00 | 22.62 -1.50 0.00 | 21.50 -1.27 0.00 | 21.17 -1.27 0.00 | 22.30 -1.03 0.00 | 25.86 -1.01 0.00 | 37.21 -1.77 0.00 | 38.12 -1.38 0.00 | 49.67 -0.71 0.00 | 44.44 -0.20 0.00 | 38.87 0.15 0.00 | 29.51 -0.15 0.00 | 24.51 -0.88 0.00 | 26.51 -0.58 0.00 | 23.98 -0.41 0.00 |
| ALLEGHENY___COGEN 23514 | 26.95 -0.24 0.00 | 24.42 -0.27 0.00 | 24.77 -0.08 0.11 | 33.33 -0.51 0.00 | 31.15 -0.14 0.00 | 40.14 0.14 0.00 | 34.70 -0.15 0.00 | 34.72 0.08 0.00 | 32.12 -0.03 0.00 | 33.39 -0.65 0.00 | 23.54 -0.63 -0.05 | 22.07 -0.77 -0.06 | 21.68 -0.78 -0.02 | 22.77 -0.68 -0.11 | 26.18 -0.69 0.00 | 37.92 -1.07 0.00 | 39.03 -0.48 0.00 | 50.71 0.34 0.00 | 45.07 0.43 0.00 | 39.17 0.46 0.00 | 29.84 0.18 0.00 | 25.73 0.35 0.00 | 27.55 0.47 0.00 | 24.99 0.59 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 27.74 0.56 0.00 | 25.20 0.50 0.00 | 25.46 0.50 0.00 | 34.57 0.74 0.00 | 31.95 0.66 0.00 | 40.86 0.85 0.00 | 35.70 0.86 0.00 | 35.70 1.06 0.00 | 33.15 1.00 0.00 | 35.08 1.04 0.00 | 24.75 0.70 0.07 | 23.36 0.67 0.09 | 23.08 0.67 0.03 | 23.86 0.68 0.15 | 27.68 0.81 0.00 | 40.15 1.17 0.00 | 40.68 1.17 0.00 | 51.75 1.38 0.00 | 45.86 1.22 0.00 | 39.73 1.01 0.00 | 30.48 0.82 0.00 | 26.08 0.70 0.00 | 27.83 0.74 0.00 | 24.98 0.58 0.00 |
| ALTONA_WT_PWR 323606 | 26.73 -0.46 0.00 | 24.08 -0.61 0.00 | 24.30 -0.67 0.00 | 32.28 -1.55 0.00 | 29.19 -2.10 0.00 | 37.43 -2.57 0.00 | 33.03 -1.81 0.00 | 32.56 -2.08 0.00 | 29.91 -2.24 0.00 | 31.69 -2.35 0.00 | 22.44 -1.68 0.00 | 21.32 -1.46 0.00 | 20.83 -1.61 0.00 | 21.87 -1.46 0.00 | 25.41 -1.46 0.00 | 36.56 -2.43 0.00 | 37.24 -2.27 0.00 | 48.41 -1.96 0.00 | 43.60 -1.05 0.00 | 38.23 -0.48 0.00 | 29.11 -0.55 0.00 | 24.68 -0.70 0.00 | 26.44 -0.64 0.00 | 23.92 -0.48 0.00 |
| AMERICAN_REF_FUEL 24010 | 25.51 -1.68 0.00 | 23.17 -1.53 0.00 | 22.80 -1.45 0.71 | 31.40 -2.43 0.00 | 29.42 -1.87 0.00 | 37.73 -2.27 0.00 | 31.95 -2.89 0.00 | 31.42 -3.22 0.00 | 29.36 -2.79 0.00 | 31.59 -2.45 0.00 | 22.39 -1.78 -0.04 | 20.96 -1.87 -0.05 | 20.63 -1.83 -0.02 | 21.82 -1.61 -0.09 | 24.86 -2.01 0.00 | 35.71 -3.28 0.00 | 35.46 -4.05 0.00 | 45.51 -4.86 0.00 | 40.42 -4.23 0.00 | 35.24 -3.48 0.00 | 26.92 -2.74 0.00 | 23.34 -1.99 0.05 | 25.11 -1.98 0.00 | 23.01 -1.38 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 25.82 -1.37 0.00 | 23.51 -1.18 0.00 | 23.06 -1.05 0.86 | 32.13 -1.70 0.00 | 30.37 -0.92 0.00 | 38.98 -1.02 0.00 | 33.55 -1.29 0.00 | 33.40 -1.24 0.00 | 31.20 -0.95 0.00 | 33.51 -0.53 0.00 | 23.56 -0.61 -0.05 | 22.16 -0.68 -0.06 | 21.79 -0.67 -0.02 | 23.02 -0.42 -0.10 | 26.31 -0.57 0.00 | 37.91 -1.08 0.00 | 37.93 -1.58 0.00 | 48.50 -1.87 0.00 | 43.11 -1.54 0.00 | 37.57 -1.14 0.00 | 28.71 -0.95 0.00 | 24.89 -0.43 0.06 | 26.83 -0.26 0.00 | 24.50 0.11 0.00 |
| ARTHUR KILL_GT_1 23520 | 28.83 1.64 0.00 | 26.23 1.54 0.00 | 26.47 1.50 0.00 | 35.68 1.85 0.00 | 33.09 1.80 0.00 | 42.67 2.66 0.00 | 37.51 2.67 0.00 | 37.71 3.07 0.00 | 35.09 2.94 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.06 2.27 -4.02 | 24.90 2.07 -0.40 | 27.46 2.11 -2.02 | 29.26 2.39 0.00 | 42.17 3.19 0.00 | 42.77 3.26 0.00 | 54.36 3.99 0.00 | 48.04 3.39 0.00 | 41.70 2.99 0.00 | 31.97 2.31 0.00 | 27.25 1.87 0.00 | 29.10 2.02 0.00 | 26.18 1.79 0.00 |
| ARTHUR_KILL_2 23512 | 28.75 1.56 0.00 | 26.17 1.47 0.00 | 26.40 1.43 0.00 | 35.58 1.75 0.00 | 33.01 1.72 0.00 | 42.55 2.54 0.00 | 37.41 2.57 0.00 | 37.61 2.97 0.00 | 35.00 2.85 0.00 | 117.71 3.17 -80.50 | 373.01 2.34 -346.55 | 29.01 2.21 -4.02 | 24.85 2.01 -0.40 | 27.40 2.05 -2.02 | 29.20 2.33 0.00 | 42.06 3.08 0.00 | 42.63 3.13 0.00 | 54.19 3.82 0.00 | 47.89 3.24 0.00 | 41.58 2.86 0.00 | 31.87 2.21 0.00 | 27.17 1.79 0.00 | 29.02 1.93 0.00 | 26.10 1.71 0.00 |
| ARTHUR_KILL_3 23513 | 28.65 1.46 0.00 | 26.05 1.36 0.00 | 26.28 1.32 0.00 | 35.43 1.60 0.00 | 32.84 1.55 0.00 | 42.24 2.23 0.00 | 37.14 2.30 0.00 | 37.33 2.70 0.00 | 34.75 2.60 0.00 | 117.48 2.93 -80.51 | 372.82 2.15 -346.56 | 28.85 2.05 -4.02 | 24.89 2.05 -0.40 | 27.45 2.09 -2.02 | 29.23 2.36 0.00 | 42.09 3.11 0.00 | 42.66 3.16 0.00 | 54.21 3.84 0.00 | 47.90 3.26 0.00 | 41.48 2.77 0.00 | 31.82 2.16 0.00 | 27.13 1.75 0.00 | 28.96 1.87 0.00 | 26.04 1.65 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 28.83 1.64 0.00 | 26.23 1.54 0.00 | 26.47 1.50 0.00 | 35.68 1.85 0.00 | 33.09 1.80 0.00 | 42.67 2.66 0.00 | 37.51 2.67 0.00 | 37.71 3.07 0.00 | 35.09 2.94 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.06 2.27 -4.02 | 24.90 2.07 -0.40 | 27.46 2.11 -2.02 | 29.26 2.39 0.00 | 42.17 3.19 0.00 | 42.77 3.26 0.00 | 54.36 3.99 0.00 | 48.04 3.39 0.00 | 41.70 2.99 0.00 | 31.97 2.31 0.00 | 27.25 1.87 0.00 | 29.10 2.02 0.00 | 26.18 1.79 0.00 |
| ASHOKAN____ 23654 | 28.16 0.97 0.00 | 25.54 0.85 0.00 | 25.79 0.83 0.00 | 35.05 1.22 0.00 | 32.43 1.14 0.00 | 41.50 1.49 0.00 | 36.36 1.52 0.00 | 36.50 1.87 0.00 | 33.83 1.68 0.00 | 35.37 1.33 0.00 | 25.04 0.76 -0.16 | 23.57 0.63 -0.16 | 23.01 0.52 -0.05 | 24.04 0.44 -0.27 | 27.69 0.82 0.00 | 40.46 1.48 0.00 | 41.27 1.76 0.00 | 52.70 2.32 0.00 | 46.73 2.08 0.00 | 40.43 1.72 0.00 | 30.97 1.31 0.00 | 26.47 1.09 0.00 | 28.16 1.08 0.00 | 25.19 0.79 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 28.60 1.40 0.00 | 25.99 1.30 0.00 | 26.22 1.26 0.00 | 35.20 1.38 0.00 | 32.68 1.39 0.00 | 42.10 2.09 0.00 | 37.07 2.23 0.00 | 37.27 2.64 0.01 | 34.69 2.54 0.00 | 116.06 2.86 -79.15 | 367.13 2.27 -340.73 | 28.91 2.15 -3.98 | 24.85 2.01 -0.40 | 27.40 2.04 -2.02 | 29.12 2.25 0.00 | 41.95 2.97 0.00 | 42.59 3.08 0.00 | 54.11 3.74 0.00 | 52.67 3.11 -4.92 | 41.42 2.71 0.00 | 31.89 2.09 -0.14 | 27.04 1.66 0.00 | 28.92 1.83 0.00 | 26.03 1.64 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 28.61 1.42 0.00 | 26.00 1.31 0.00 | 26.23 1.26 0.00 | 35.22 1.39 0.00 | 32.69 1.40 0.00 | 42.10 2.09 0.00 | 37.07 2.23 0.00 | 37.27 2.64 0.01 | 34.69 2.54 0.00 | 116.06 2.86 -79.15 | 367.13 2.27 -340.73 | 28.91 2.15 -3.98 | 24.85 2.01 -0.40 | 27.39 2.04 -2.02 | 29.12 2.25 0.00 | 41.95 2.97 0.00 | 42.59 3.08 0.00 | 54.11 3.74 0.00 | 52.67 3.11 -4.92 | 41.42 2.71 0.00 | 31.89 2.09 -0.14 | 27.04 1.66 0.00 | 28.92 1.83 0.00 | 26.03 1.64 0.00 |
| ASTORIA_GT2_1 24094 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT2_2 24095 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT2_3 24096 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT2_4 24097 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT3_1 24098 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT3_2 24099 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT3_3 24100 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT3_4 24101 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT4_1 24102 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT4_2 24103 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT4_3 24104 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |

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| ASTORIA_GT4_4 24105 | 28.61 1.42 0.00 | 26.01 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.25 0.01 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.09 2.90 -79.15 | 367.13 2.28 -340.73 | 28.91 2.16 -3.98 | 24.85 2.02 -0.39 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.95 2.97 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.69 3.13 -4.92 | 41.45 2.74 0.00 | 31.91 2.11 -0.14 | 27.06 1.68 0.00 | 28.93 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA_GT_1 23523 | 28.65 1.46 0.00 | 26.04 1.35 0.00 | 26.27 1.31 0.00 | 35.27 1.44 0.00 | 32.75 1.46 0.00 | 42.19 2.19 0.00 | 37.15 2.31 0.00 | 37.36 2.73 0.01 | 34.77 2.62 0.00 | 116.15 2.96 -79.15 | 367.19 2.34 -340.73 | 28.97 2.22 -3.98 | 24.91 2.07 -0.40 | 27.46 2.10 -2.02 | 29.19 2.32 0.00 | 42.06 3.08 0.00 | 42.70 3.19 0.00 | 54.26 3.88 0.00 | 52.80 3.24 -4.92 | 41.54 2.82 0.00 | 31.96 2.17 -0.14 | 27.11 1.73 0.00 | 28.98 1.90 0.00 | 26.09 1.70 0.00 |
| ASTORIA_GT_10 24110 | 28.70 1.51 0.00 | 26.10 1.41 0.00 | 26.31 1.35 0.00 | 35.43 1.60 0.00 | 32.87 1.58 0.00 | 42.28 2.28 0.00 | 37.20 2.35 0.00 | 37.39 2.75 0.00 | 34.84 2.69 0.00 | 116.22 3.03 -79.15 | 367.08 2.23 -340.73 | 28.92 2.17 -3.98 | 24.95 2.11 -0.39 | 27.50 2.15 -2.02 | 29.28 2.41 0.00 | 42.13 3.15 0.00 | 42.66 3.16 0.00 | 54.20 3.83 0.00 | 47.88 3.24 0.00 | 41.52 2.81 0.00 | 31.88 2.22 0.00 | 27.14 1.76 0.00 | 28.96 1.87 0.00 | 26.08 1.69 0.00 |
| ASTORIA_GT_11 24225 | 28.70 1.51 0.00 | 26.10 1.41 0.00 | 26.31 1.35 0.00 | 35.43 1.60 0.00 | 32.87 1.58 0.00 | 42.28 2.28 0.00 | 37.20 2.35 0.00 | 37.39 2.75 0.00 | 34.84 2.69 0.00 | 116.22 3.03 -79.15 | 367.08 2.23 -340.73 | 28.92 2.17 -3.98 | 24.95 2.11 -0.39 | 27.50 2.15 -2.02 | 29.28 2.41 0.00 | 42.13 3.15 0.00 | 42.66 3.16 0.00 | 54.20 3.83 0.00 | 47.88 3.24 0.00 | 41.52 2.81 0.00 | 31.88 2.22 0.00 | 27.14 1.76 0.00 | 28.96 1.87 0.00 | 26.08 1.69 0.00 |
| ASTORIA_GT_12 24226 | 28.70 1.51 0.00 | 26.10 1.41 0.00 | 26.31 1.35 0.00 | 35.43 1.60 0.00 | 32.87 1.58 0.00 | 42.28 2.28 0.00 | 37.20 2.35 0.00 | 37.39 2.75 0.00 | 34.84 2.69 0.00 | 116.22 3.03 -79.15 | 367.08 2.23 -340.73 | 28.92 2.17 -3.98 | 24.95 2.11 -0.39 | 27.50 2.15 -2.02 | 29.28 2.41 0.00 | 42.13 3.15 0.00 | 42.66 3.16 0.00 | 54.20 3.83 0.00 | 47.88 3.24 0.00 | 41.52 2.81 0.00 | 31.88 2.22 0.00 | 27.14 1.76 0.00 | 28.96 1.87 0.00 | 26.08 1.69 0.00 |
| ASTORIA_GT_13 24227 | 28.70 1.51 0.00 | 26.10 1.41 0.00 | 26.31 1.35 0.00 | 35.43 1.60 0.00 | 32.87 1.58 0.00 | 42.28 2.28 0.00 | 37.20 2.35 0.00 | 37.39 2.75 0.00 | 34.84 2.69 0.00 | 116.22 3.03 -79.15 | 367.08 2.23 -340.73 | 28.92 2.17 -3.98 | 24.95 2.11 -0.39 | 27.50 2.15 -2.02 | 29.28 2.41 0.00 | 42.13 3.15 0.00 | 42.66 3.16 0.00 | 54.20 3.83 0.00 | 47.88 3.24 0.00 | 41.52 2.81 0.00 | 31.88 2.22 0.00 | 27.14 1.76 0.00 | 28.96 1.87 0.00 | 26.08 1.69 0.00 |
| ASTORIA_GT_5 24106 | 28.66 1.47 0.00 | 26.05 1.35 0.00 | 26.27 1.31 0.00 | 35.27 1.44 0.00 | 32.75 1.46 0.00 | 42.19 2.19 0.00 | 37.15 2.31 0.01 | 37.36 2.73 0.01 | 34.77 2.62 0.00 | 116.16 2.97 -79.15 | 367.18 2.33 -340.73 | 28.97 2.22 -3.98 | 24.90 2.07 -0.39 | 27.45 2.10 -2.02 | 29.20 2.32 0.00 | 42.05 3.07 0.00 | 42.70 3.20 0.00 | 54.26 3.89 0.00 | 52.80 3.24 -4.92 | 41.54 2.82 0.00 | 31.97 2.17 -0.14 | 27.11 1.73 0.00 | 28.99 1.90 0.00 | 26.10 1.70 0.00 |
| ASTORIA_GT_7 24107 | 28.66 1.47 0.00 | 26.05 1.35 0.00 | 26.27 1.31 0.00 | 35.27 1.44 0.00 | 32.75 1.46 0.00 | 42.19 2.19 0.00 | 37.15 2.31 0.01 | 37.36 2.73 0.01 | 34.77 2.62 0.00 | 116.16 2.97 -79.15 | 367.18 2.33 -340.73 | 28.97 2.22 -3.98 | 24.90 2.07 -0.39 | 27.45 2.10 -2.02 | 29.20 2.32 0.00 | 42.05 3.07 0.00 | 42.70 3.20 0.00 | 54.26 3.89 0.00 | 52.80 3.24 -4.92 | 41.54 2.82 0.00 | 31.97 2.17 -0.14 | 27.11 1.73 0.00 | 28.99 1.90 0.00 | 26.10 1.70 0.00 |
| ASTORIA_GT_8 24108 | 28.66 1.47 0.00 | 26.05 1.35 0.00 | 26.27 1.31 0.00 | 35.27 1.44 0.00 | 32.75 1.46 0.00 | 42.19 2.19 0.00 | 37.15 2.31 0.01 | 37.36 2.73 0.01 | 34.77 2.62 0.00 | 116.16 2.97 -79.15 | 367.18 2.33 -340.73 | 28.97 2.22 -3.98 | 24.90 2.07 -0.39 | 27.45 2.10 -2.02 | 29.20 2.32 0.00 | 42.05 3.07 0.00 | 42.70 3.20 0.00 | 54.26 3.89 0.00 | 52.80 3.24 -4.92 | 41.54 2.82 0.00 | 31.97 2.17 -0.14 | 27.11 1.73 0.00 | 28.99 1.90 0.00 | 26.10 1.70 0.00 |
| ASTORIA___2 24149 | 28.61 1.42 0.00 | 26.00 1.31 0.00 | 26.23 1.27 0.00 | 35.22 1.39 0.00 | 32.71 1.42 0.00 | 42.12 2.12 0.00 | 37.09 2.26 0.00 | 37.29 2.66 0.01 | 34.70 2.55 0.00 | 116.08 2.89 -79.15 | 367.13 2.28 -340.73 | 28.92 2.16 -3.98 | 24.86 2.02 -0.40 | 27.40 2.05 -2.02 | 29.13 2.26 0.00 | 41.97 2.98 0.00 | 42.61 3.10 0.00 | 54.14 3.77 0.00 | 52.68 3.12 -4.92 | 41.45 2.74 0.00 | 31.90 2.10 -0.14 | 27.06 1.68 0.00 | 28.92 1.84 0.00 | 26.04 1.65 0.00 |
| ASTORIA___3 23516 | 28.70 1.51 0.00 | 26.10 1.41 0.00 | 26.31 1.35 0.00 | 35.43 1.60 0.00 | 32.86 1.57 0.00 | 42.28 2.27 0.00 | 37.20 2.36 0.00 | 37.39 2.75 0.00 | 34.84 2.69 0.00 | 116.22 3.03 -79.15 | 367.09 2.23 -340.73 | 28.92 2.17 -3.98 | 24.95 2.11 -0.40 | 27.50 2.15 -2.02 | 29.28 2.41 0.00 | 42.13 3.15 0.00 | 42.66 3.15 0.00 | 54.19 3.82 0.00 | 47.88 3.24 0.00 | 41.52 2.81 0.00 | 31.88 2.22 0.00 | 27.14 1.76 0.00 | 28.96 1.87 0.00 | 26.07 1.68 0.00 |
| ASTORIA___4 23517 | 28.70 1.51 0.00 | 26.10 1.41 0.00 | 26.31 1.35 0.00 | 35.43 1.60 0.00 | 32.87 1.58 0.00 | 42.28 2.28 0.00 | 37.20 2.35 0.00 | 37.39 2.75 0.00 | 34.84 2.69 0.00 | 116.22 3.03 -79.15 | 367.08 2.23 -340.73 | 28.92 2.17 -3.98 | 24.95 2.11 -0.39 | 27.50 2.15 -2.02 | 29.28 2.41 0.00 | 42.13 3.15 0.00 | 42.66 3.16 0.00 | 54.20 3.83 0.00 | 47.88 3.24 0.00 | 41.52 2.81 0.00 | 31.88 2.22 0.00 | 27.14 1.76 0.00 | 28.96 1.87 0.00 | 26.08 1.69 0.00 |
| ASTORIA___5 23518 | 28.70 1.51 0.00 | 26.10 1.41 0.00 | 26.31 1.35 0.00 | 35.43 1.60 0.00 | 32.86 1.57 0.00 | 42.28 2.27 0.00 | 37.20 2.36 0.00 | 37.39 2.75 0.00 | 34.84 2.69 0.00 | 116.22 3.03 -79.15 | 367.09 2.23 -340.73 | 28.92 2.17 -3.98 | 24.95 2.11 -0.40 | 27.50 2.15 -2.02 | 29.28 2.41 0.00 | 42.13 3.15 0.00 | 42.66 3.15 0.00 | 54.19 3.82 0.00 | 47.88 3.24 0.00 | 41.52 2.81 0.00 | 31.88 2.22 0.00 | 27.14 1.76 0.00 | 28.96 1.87 0.00 | 26.07 1.68 0.00 |
| AST_ENERGY_2_CC3 323677 | 28.66 1.48 0.00 | 26.06 1.37 0.00 | 26.31 1.35 0.00 | 35.46 1.63 0.00 | 32.87 1.58 0.00 | 42.35 2.34 0.00 | 37.25 2.41 0.00 | 37.40 2.76 0.00 | 34.81 2.66 0.00 | 117.21 3.03 -80.14 | 371.31 2.19 -345.00 | 28.89 2.10 -4.01 | 24.92 2.08 -0.40 | 27.45 2.10 -2.02 | 29.23 2.36 0.00 | 42.07 3.09 0.00 | 42.62 3.12 0.00 | 54.18 3.80 0.00 | 47.88 3.24 0.00 | 41.48 2.76 0.00 | 31.82 2.16 0.00 | 27.12 1.74 0.00 | 28.94 1.86 0.00 | 26.02 1.63 0.00 |
| AST_ENERGY_2_CC4 323678 | 28.66 1.48 0.00 | 26.06 1.37 0.00 | 26.31 1.35 0.00 | 35.46 1.63 0.00 | 32.87 1.58 0.00 | 42.35 2.34 0.00 | 37.25 2.41 0.00 | 37.40 2.76 0.00 | 34.81 2.66 0.00 | 117.21 3.03 -80.14 | 371.31 2.19 -345.00 | 28.89 2.10 -4.01 | 24.92 2.08 -0.40 | 27.45 2.10 -2.02 | 29.23 2.36 0.00 | 42.07 3.09 0.00 | 42.62 3.12 0.00 | 54.18 3.80 0.00 | 47.88 3.24 0.00 | 41.48 2.76 0.00 | 31.82 2.16 0.00 | 27.12 1.74 0.00 | 28.94 1.86 0.00 | 26.02 1.63 0.00 |

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|--------------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 27.88 0.69 0.00 | 25.32 0.62 0.00 | 25.57 0.61 0.00 | 34.75 0.91 0.00 | 32.08 0.79 0.00 | 41.00 0.99 0.00 | 35.88 1.04 0.00 | 35.96 1.32 0.00 | 33.41 1.26 0.00 | 35.40 1.36 0.00 | 24.98 0.97 0.11 | 23.56 0.92 0.14 | 23.31 0.92 0.05 | 24.02 0.93 0.24 | 27.94 1.07 0.00 | 40.42 1.44 0.00 | 40.92 1.41 0.00 | 52.00 1.63 0.00 | 46.08 1.43 0.00 | 39.92 1.20 0.00 | 30.62 0.96 0.00 | 26.22 0.84 0.00 | 28.00 0.91 0.00 | 25.14 0.74 0.00 |
| ATHENS_STG_2 23670 | 27.88 0.69 0.00 | 25.32 0.62 0.00 | 25.57 0.61 0.00 | 34.75 0.91 0.00 | 32.08 0.79 0.00 | 41.00 0.99 0.00 | 35.88 1.04 0.00 | 35.96 1.32 0.00 | 33.41 1.26 0.00 | 35.40 1.36 0.00 | 24.98 0.97 0.11 | 23.56 0.92 0.14 | 23.31 0.92 0.05 | 24.02 0.93 0.24 | 27.94 1.07 0.00 | 40.42 1.44 0.00 | 40.92 1.41 0.00 | 52.00 1.63 0.00 | 46.08 1.43 0.00 | 39.92 1.20 0.00 | 30.62 0.96 0.00 | 26.22 0.84 0.00 | 28.00 0.91 0.00 | 25.14 0.74 0.00 |
| ATHENS_STG_3 23677 | 27.88 0.69 0.00 | 25.32 0.62 0.00 | 25.57 0.61 0.00 | 34.75 0.91 0.00 | 32.08 0.79 0.00 | 41.00 0.99 0.00 | 35.88 1.04 0.00 | 35.96 1.32 0.00 | 33.41 1.26 0.00 | 35.40 1.36 0.00 | 24.98 0.97 0.11 | 23.56 0.92 0.14 | 23.31 0.92 0.05 | 24.02 0.93 0.24 | 27.94 1.07 0.00 | 40.42 1.44 0.00 | 40.92 1.41 0.00 | 52.00 1.63 0.00 | 46.08 1.43 0.00 | 39.92 1.20 0.00 | 30.62 0.96 0.00 | 26.22 0.84 0.00 | 28.00 0.91 0.00 | 25.14 0.74 0.00 |
| AUBURN___LFGE 323710 | 27.15 -0.05 0.00 | 24.69 -0.01 0.00 | 24.92 -0.05 0.00 | 33.77 -0.06 0.00 | 31.32 0.03 0.00 | 40.12 0.12 0.00 | 34.87 0.03 0.00 | 34.75 0.11 0.00 | 32.15 0.00 0.00 | 34.09 0.05 0.00 | 24.08 -0.08 -0.04 | 22.79 -0.04 -0.09 | 22.37 -0.09 -0.02 | 23.26 -0.15 -0.08 | 26.78 -0.09 0.00 | 39.02 0.04 0.00 | 39.46 -0.05 0.00 | 50.62 0.25 0.00 | 44.81 0.16 0.00 | 38.88 0.17 0.00 | 29.73 0.07 0.00 | 25.40 0.02 0.00 | 27.10 0.01 0.00 | 24.55 0.16 0.00 |
| BABYLON_RES_REC 323704 | 28.74 1.55 0.00 | 26.24 1.55 0.00 | 26.46 1.49 0.00 | 35.49 1.66 0.00 | 32.96 1.68 0.00 | 42.27 2.27 0.00 | 37.60 2.76 0.00 | 37.52 2.88 0.00 | 35.09 2.94 0.00 | 45.77 3.06 -8.67 | 64.67 2.27 -38.28 | 26.60 2.33 -1.50 | 25.17 2.33 -0.40 | 27.66 2.30 -2.02 | 29.25 2.38 0.00 | 42.11 3.13 0.00 | 42.58 3.07 0.00 | 53.98 3.60 0.00 | 44.52 3.25 3.37 | 42.35 3.11 -0.53 | 39.80 2.74 -7.40 | 27.47 2.09 0.00 | 29.40 2.32 0.00 | 26.49 2.10 0.00 |
| BABYLON__69_KV_BK2 356345 | 28.97 1.78 0.00 | 26.47 1.78 0.00 | 26.69 1.72 0.00 | 35.77 1.94 0.00 | 33.23 1.94 0.00 | 42.61 2.60 0.00 | 37.89 3.05 0.00 | 37.76 3.13 0.00 | 35.33 3.18 0.00 | 46.01 3.30 -8.67 | 64.84 2.45 -38.28 | 26.78 2.51 -1.50 | 25.36 2.52 -0.40 | 27.85 2.50 -2.02 | 29.60 2.73 0.00 | 42.72 3.73 0.00 | 43.24 3.74 0.00 | 54.95 4.58 0.00 | 44.95 4.17 3.87 | 43.00 3.76 -0.52 | 39.92 3.03 -7.23 | 27.70 2.32 0.00 | 29.64 2.55 0.00 | 26.70 2.31 0.00 |
| BALL_HILL_WT_PWR 323825 | 26.11 -1.08 0.00 | 23.73 -0.96 0.00 | 23.39 -0.82 0.75 | 32.27 -1.56 0.00 | 30.33 -0.97 0.00 | 38.91 -1.10 0.00 | 33.25 -1.59 0.00 | 33.00 -1.64 0.00 | 30.83 -1.32 0.00 | 33.14 -0.90 0.00 | 23.40 -0.77 -0.05 | 21.95 -0.89 -0.06 | 21.59 -0.87 -0.02 | 22.81 -0.62 -0.10 | 26.06 -0.81 0.00 | 37.47 -1.51 0.00 | 37.39 -2.11 0.00 | 47.93 -2.44 0.00 | 42.56 -2.08 0.00 | 37.08 -1.63 0.00 | 28.31 -1.35 0.00 | 24.52 -0.80 0.05 | 26.41 -0.67 0.00 | 24.14 -0.25 0.00 |
| BARON_WINDS___WT_PWR 323822 | 25.88 -1.31 0.00 | 23.48 -1.22 0.00 | 24.28 -0.98 -0.29 | 32.11 -1.72 0.00 | 30.00 -1.29 0.00 | 38.63 -1.37 0.00 | 33.34 -1.50 0.00 | 33.44 -1.20 0.00 | 31.14 -1.01 0.00 | 33.03 -1.01 0.00 | 23.30 -0.89 -0.06 | 21.92 -0.94 -0.08 | 21.54 -0.92 -0.03 | 22.68 -0.79 -0.14 | 26.01 -0.87 0.00 | 37.66 -1.33 0.00 | 38.10 -1.41 0.00 | 48.76 -1.61 0.00 | 43.26 -1.39 0.00 | 37.60 -1.12 0.00 | 28.65 -1.01 0.00 | 24.80 -0.60 -0.02 | 26.81 -0.27 0.00 | 24.35 -0.05 0.00 |
| BARRETT_IC_1 23704 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | 89.07 3.33 -41.10 | 42.24 3.01 -0.51 | 40.43 2.34 -8.43 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_10 23701 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | -206.36 3.33 254.34 | 42.24 3.01 -0.51 | 32.24 2.34 -0.24 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_11 23702 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | -206.36 3.33 254.34 | 42.24 3.01 -0.51 | 32.24 2.34 -0.24 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_12 23703 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | -206.36 3.33 254.34 | 42.24 3.01 -0.51 | 32.24 2.34 -0.24 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_2 23705 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | 89.07 3.33 -41.10 | 42.24 3.01 -0.51 | 40.43 2.34 -8.43 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_3 23706 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | 89.07 3.33 -41.10 | 42.24 3.01 -0.51 | 40.43 2.34 -8.43 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_4 23707 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | 89.07 3.33 -41.10 | 42.24 3.01 -0.51 | 40.43 2.34 -8.43 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |

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| BARRETT_IC_5 23708 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | 89.07 3.33 -41.10 | 42.24 3.01 -0.51 | 40.43 2.34 -8.43 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_6 23709 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | 89.07 3.33 -41.10 | 42.24 3.01 -0.51 | 40.43 2.34 -8.43 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_7 23710 | 28.57 1.38 0.00 | 26.06 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.09 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.47 2.07 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.25 3.88 0.00 | 89.09 3.34 -41.10 | 42.24 3.01 -0.51 | 40.44 2.35 -8.43 | 27.29 1.91 0.00 | 29.20 2.12 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_8 23711 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | 89.07 3.33 -41.10 | 42.24 3.01 -0.51 | 40.43 2.34 -8.43 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT_IC_9 23700 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | -206.36 3.33 254.34 | 42.24 3.01 -0.51 | 32.24 2.34 -0.24 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT___1 23545 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | 89.07 3.33 -41.10 | 42.24 3.01 -0.51 | 40.43 2.34 -8.43 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BARRETT___2 23546 | 28.57 1.38 0.00 | 26.05 1.36 0.00 | 26.27 1.30 0.00 | 35.30 1.47 0.00 | 32.81 1.52 0.00 | 42.10 2.10 0.00 | 37.31 2.47 0.00 | 37.24 2.60 0.00 | 34.78 2.63 0.00 | 45.54 2.83 -8.67 | 64.48 2.08 -38.28 | 26.48 2.21 -1.50 | 25.06 2.23 -0.40 | 27.53 2.17 -2.02 | 29.26 2.39 0.00 | 42.12 3.14 0.00 | 42.65 3.14 0.00 | 54.24 3.86 0.00 | -206.36 3.33 254.34 | 42.24 3.01 -0.51 | 32.24 2.34 -0.24 | 27.29 1.91 0.00 | 29.20 2.11 0.00 | 26.30 1.90 0.00 |
| BATAVIA__115KV_TB1 55881 | 26.50 -0.69 0.00 | 24.05 -0.64 0.00 | 24.42 -0.55 0.00 | 32.66 -1.18 0.00 | 30.58 -0.71 0.00 | 39.31 -0.69 0.00 | 33.61 -1.23 0.00 | 33.32 -1.32 0.00 | 31.01 -1.14 0.00 | 33.06 -0.98 0.00 | 23.35 -0.81 -0.04 | 21.83 -1.00 -0.05 | 21.48 -0.98 -0.02 | 22.89 -0.53 -0.09 | 25.95 -0.92 0.00 | 37.55 -1.44 0.00 | 37.72 -1.79 0.00 | 48.53 -1.85 0.00 | 43.04 -1.61 0.00 | 37.43 -1.28 0.00 | 28.56 -1.10 0.00 | 24.69 -0.69 0.00 | 26.41 -0.68 0.00 | 24.10 -0.29 0.00 |
| BAYONEEC___CTG1 323682 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |
| BAYONEEC___CTG10 323750 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |
| BAYONEEC___CTG2 323683 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |
| BAYONEEC___CTG3 323684 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |
| BAYONEEC___CTG4 323685 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |
| BAYONEEC___CTG5 323686 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |
| BAYONEEC___CTG6 323687 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |
| BAYONEEC___CTG8 323689 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |
| BAYONEEC___CTG9 323749 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.22 2.38 0.00 | 37.41 2.77 0.00 | 34.84 2.69 0.00 | 117.57 3.03 -80.51 | 372.87 2.19 -346.56 | 28.91 2.11 -4.02 | 24.94 2.10 -0.40 | 27.50 2.14 -2.02 | 29.28 2.41 0.00 | 42.16 3.18 0.00 | 42.70 3.20 0.00 | 54.27 3.90 0.00 | 47.97 3.32 0.00 | 41.56 2.85 0.00 | 31.88 2.21 0.00 | 27.17 1.79 0.00 | 28.99 1.91 0.00 | 26.07 1.68 0.00 |
| BEACON___LESR 323632 | 27.88 0.69 0.00 | 25.27 0.58 0.00 | 25.54 0.57 0.00 | 34.61 0.78 0.00 | 32.12 0.82 0.00 | 41.13 1.13 0.00 | 35.98 1.14 0.00 | 35.98 1.34 0.00 | 33.32 1.17 0.00 | 35.36 1.32 0.00 | 24.91 0.86 0.07 | 23.53 0.85 0.10 | 23.24 0.84 0.03 | 23.99 0.82 0.16 | 27.89 1.02 0.00 | 40.56 1.58 0.00 | 40.94 1.44 0.00 | 52.21 1.84 0.00 | 46.24 1.60 0.00 | 40.02 1.31 0.00 | 30.67 1.01 0.00 | 26.25 0.87 0.00 | 27.96 0.87 0.00 | 25.02 0.63 0.00 |
| BEAVER RIVER___HYD 24048 | 26.66 -0.53 0.00 | 24.26 -0.43 0.00 | 24.28 -0.68 0.00 | 32.83 -1.00 0.00 | 30.76 -0.53 0.00 | 39.82 -0.19 0.00 | 34.95 0.10 0.00 | 34.80 0.16 0.00 | 31.83 -0.32 0.00 | 33.12 -0.92 0.00 | 23.13 -0.99 0.00 | 21.81 -0.96 0.00 | 21.39 -1.05 0.00 | 22.47 -0.87 0.00 | 26.41 -0.46 0.00 | 39.05 0.06 0.00 | 40.15 0.64 0.00 | 51.60 1.23 0.00 | 45.84 1.19 0.00 | 39.89 1.18 0.00 | 30.34 0.68 0.00 | 25.67 0.29 0.00 | 27.49 0.40 0.00 | 24.76 0.36 0.00 |
| BEEBEE_GT_13 23619 | 26.35 -0.84 0.00 | 23.92 -0.77 0.00 | 24.27 -0.70 0.00 | 32.57 -1.26 0.00 | 30.36 -0.93 0.00 | 38.92 -1.08 0.00 | 33.45 -1.39 0.00 | 33.22 -1.42 0.00 | 30.91 -1.24 0.00 | 32.96 -1.08 0.00 | 23.35 -0.81 -0.04 | 21.95 -0.88 -0.04 | 21.60 -0.86 -0.02 | 22.60 -0.81 -0.08 | 25.98 -0.89 0.00 | 37.58 -1.41 0.00 | 37.75 -1.76 0.00 | 48.41 -1.96 0.00 | 42.93 -1.72 0.00 | 37.30 -1.41 0.00 | 28.48 -1.19 0.00 | 24.51 -0.86 0.00 | 26.19 -0.90 0.00 | 23.78 -0.61 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 28.96 1.77 0.00 | 26.33 1.63 0.00 | 26.54 1.58 0.00 | 35.77 1.94 0.00 | 33.17 1.88 0.00 | 42.74 2.74 0.00 | 37.61 2.76 0.00 | 37.83 3.20 0.00 | 35.23 3.08 0.00 | 118.01 3.46 -80.50 | 373.21 2.54 -346.55 | 29.23 2.44 -4.02 | 25.16 2.32 -0.39 | 27.72 2.37 -2.02 | 29.55 2.69 0.00 | 42.56 3.58 0.00 | 43.12 3.61 0.00 | 54.80 4.43 0.00 | 48.43 3.78 0.00 | 42.02 3.30 0.00 | 32.22 2.56 0.00 | 27.44 2.06 0.00 | 29.29 2.21 0.00 | 26.34 1.95 0.00 |
| BETHLEHEM___GRP 23843 | 27.42 0.24 0.00 | 24.90 0.21 0.00 | 25.17 0.20 0.00 | 34.14 0.30 0.00 | 31.59 0.30 0.00 | 40.39 0.39 0.00 | 35.27 0.43 0.00 | 35.30 0.67 0.00 | 32.79 0.64 0.00 | 34.70 0.66 0.00 | 24.52 0.48 0.07 | 23.18 0.50 0.10 | 22.91 0.50 0.03 | 23.63 0.46 0.16 | 27.42 0.55 0.00 | 39.78 0.79 0.00 | 40.23 0.73 0.00 | 51.13 0.76 0.00 | 45.32 0.68 0.00 | 39.23 0.51 0.00 | 30.12 0.46 0.00 | 25.78 0.40 0.00 | 27.49 0.40 0.00 | 24.64 0.25 0.00 |
| BETHLEHEM___GS1 323560 | 27.42 0.23 0.00 | 24.90 0.21 0.00 | 25.17 0.20 0.00 | 34.14 0.30 0.00 | 31.59 0.29 0.00 | 40.39 0.39 0.00 | 35.28 0.43 0.00 | 35.30 0.67 0.00 | 32.79 0.64 0.00 | 34.70 0.66 0.00 | 24.52 0.48 0.07 | 23.19 0.51 0.10 | 22.91 0.50 0.03 | 23.63 0.46 0.16 | 27.42 0.55 0.00 | 39.77 0.79 0.00 | 40.23 0.73 0.00 | 51.13 0.76 0.00 | 45.32 0.68 0.00 | 39.23 0.51 0.00 | 30.12 0.46 0.00 | 25.78 0.40 0.00 | 27.49 0.40 0.00 | 24.64 0.25 0.00 |
| BETHLEHEM___GS2 323561 | 27.42 0.23 0.00 | 24.90 0.21 0.00 | 25.17 0.20 0.00 | 34.14 0.30 0.00 | 31.59 0.29 0.00 | 40.39 0.39 0.00 | 35.28 0.43 0.00 | 35.30 0.67 0.00 | 32.79 0.64 0.00 | 34.70 0.66 0.00 | 24.52 0.48 0.07 | 23.19 0.51 0.10 | 22.91 0.50 0.03 | 23.63 0.46 0.16 | 27.42 0.55 0.00 | 39.77 0.79 0.00 | 40.23 0.73 0.00 | 51.13 0.76 0.00 | 45.32 0.68 0.00 | 39.23 0.51 0.00 | 30.12 0.46 0.00 | 25.78 0.40 0.00 | 27.49 0.40 0.00 | 24.64 0.25 0.00 |
| BETHLEHEM___GS3 323562 | 27.42 0.23 0.00 | 24.90 0.21 0.00 | 25.17 0.20 0.00 | 34.14 0.30 0.00 | 31.59 0.29 0.00 | 40.39 0.39 0.00 | 35.28 0.43 0.00 | 35.30 0.67 0.00 | 32.79 0.64 0.00 | 34.70 0.66 0.00 | 24.52 0.48 0.07 | 23.19 0.51 0.10 | 22.91 0.50 0.03 | 23.63 0.46 0.16 | 27.42 0.55 0.00 | 39.77 0.79 0.00 | 40.23 0.73 0.00 | 51.13 0.76 0.00 | 45.32 0.68 0.00 | 39.23 0.51 0.00 | 30.12 0.46 0.00 | 25.78 0.40 0.00 | 27.49 0.40 0.00 | 24.64 0.25 0.00 |
| BETHLEHEM___STEEL 23779 | 26.21 -0.98 0.00 | 23.82 -0.88 0.00 | 24.25 -0.72 0.00 | 32.34 -1.49 0.00 | 30.35 -0.95 0.00 | 38.94 -1.06 0.00 | 33.19 -1.65 0.00 | 32.89 -1.75 0.00 | 30.71 -1.44 0.00 | 33.02 -1.02 0.00 | 23.32 -0.84 -0.05 | 21.87 -0.97 -0.06 | 21.54 -0.92 -0.02 | 22.76 -0.68 -0.10 | 26.01 -0.86 0.00 | 37.37 -1.62 0.00 | 37.23 -2.27 0.00 | 47.78 -2.59 0.00 | 42.40 -2.24 0.00 | 36.94 -1.78 0.00 | 28.20 -1.46 0.00 | 24.47 -0.90 0.00 | 26.30 -0.78 0.00 | 24.03 -0.36 0.00 |
| BETHLHEM_115KV_TB1 79974 | 27.49 0.30 0.00 | 24.96 0.26 0.00 | 25.22 0.26 0.00 | 34.22 0.39 0.00 | 31.66 0.36 0.00 | 40.49 0.48 0.00 | 35.35 0.51 0.00 | 35.38 0.75 0.00 | 32.86 0.71 0.00 | 34.78 0.74 0.00 | 24.58 0.53 0.07 | 23.23 0.55 0.09 | 22.95 0.54 0.03 | 23.68 0.51 0.16 | 27.48 0.61 0.00 | 39.85 0.86 0.00 | 40.32 0.81 0.00 | 51.24 0.87 0.00 | 45.42 0.77 0.00 | 39.32 0.61 0.00 | 30.19 0.53 0.00 | 25.84 0.46 0.00 | 27.55 0.47 0.00 | 24.72 0.32 0.00 |
| BETHPAGE_CC_5 323564 | 28.74 1.55 0.00 | 26.23 1.53 0.00 | 26.44 1.47 0.00 | 35.49 1.66 0.00 | 32.98 1.69 0.00 | 42.34 2.33 0.00 | 37.61 2.77 0.00 | 37.55 2.92 0.00 | 35.11 2.96 0.00 | 45.84 3.13 -8.67 | 64.72 2.32 -38.28 | 26.64 2.37 -1.50 | 25.18 2.34 -0.40 | 27.72 2.36 -2.02 | 29.47 2.60 0.00 | 42.43 3.45 0.00 | 42.90 3.40 0.00 | 54.54 4.16 0.00 | 47.12 3.64 1.16 | 42.61 3.34 -0.56 | 40.24 2.66 -7.92 | 27.44 2.06 0.00 | 29.40 2.31 0.00 | 26.49 2.09 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 26.36 -0.83 0.00 | 23.95 -0.75 0.00 | 24.40 -0.57 0.00 | 32.50 -1.33 0.00 | 30.51 -0.78 0.00 | 39.18 -0.83 0.00 | 33.40 -1.45 0.00 | 33.10 -1.54 0.00 | 30.91 -1.24 0.00 | 33.25 -0.79 0.00 | 23.49 -0.68 -0.05 | 22.02 -0.81 -0.06 | 21.69 -0.77 -0.02 | 22.92 -0.51 -0.10 | 26.20 -0.67 0.00 | 37.64 -1.34 0.00 | 37.50 -2.00 0.00 | 48.13 -2.24 0.00 | 42.70 -1.95 0.00 | 37.18 -1.53 0.00 | 28.39 -1.28 0.00 | 24.63 -0.74 0.00 | 26.48 -0.60 0.00 | 24.18 -0.21 0.00 |

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| BINGHAMTON___COGEN 23790 | 27.25 0.06 0.00 | 24.75 0.06 0.00 | 25.06 0.10 0.00 | 33.91 0.08 0.00 | 31.44 0.15 0.00 | 40.34 0.33 0.00 | 35.02 0.18 0.00 | 35.03 0.40 0.00 | 32.56 0.41 0.00 | 34.51 0.47 0.00 | 24.52 0.30 -0.10 | 23.16 0.26 -0.12 | 22.72 0.24 -0.04 | 23.85 0.31 -0.21 | 27.25 0.37 0.00 | 39.46 0.48 0.00 | 39.96 0.45 0.00 | 50.95 0.58 0.00 | 45.10 0.46 0.00 | 39.12 0.40 0.00 | 29.93 0.27 0.00 | 25.66 0.28 0.00 | 27.50 0.41 0.00 | 24.78 0.38 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 26.16 -1.03 0.00 | 23.88 -0.81 0.00 | 24.49 -0.48 0.00 | 32.43 -1.40 0.00 | 30.69 -0.60 0.00 | 39.47 -0.53 0.00 | 33.85 -0.99 0.00 | 33.49 -1.15 0.00 | 31.40 -0.75 0.00 | 33.90 -0.14 0.00 | 23.92 -0.25 -0.05 | 22.44 -0.40 -0.06 | 22.12 -0.34 -0.02 | 23.41 -0.03 -0.10 | 26.81 -0.06 0.00 | 38.45 -0.53 0.00 | 38.43 -1.08 0.00 | 49.20 -1.18 0.00 | 43.45 -1.19 0.00 | 37.72 -1.00 0.00 | 28.84 -0.82 0.00 | 25.24 -0.14 0.00 | 27.21 0.12 0.00 | 24.80 0.41 0.00 |
| BLACK RIVER___HYD 24047 | 26.64 -0.55 0.00 | 24.21 -0.48 0.00 | 24.24 -0.73 0.00 | 32.83 -1.01 0.00 | 30.89 -0.40 0.00 | 40.04 0.04 0.00 | 35.13 0.29 0.00 | 35.02 0.38 0.00 | 31.99 -0.16 0.00 | 33.15 -0.89 0.00 | 23.07 -1.05 0.00 | 21.74 -1.06 -0.02 | 21.36 -1.09 -0.01 | 22.55 -0.81 -0.04 | 26.44 -0.44 0.00 | 39.33 0.35 0.00 | 40.39 0.88 0.00 | 52.01 1.64 0.00 | 46.11 1.46 0.00 | 40.09 1.37 0.00 | 30.49 0.83 0.00 | 25.85 0.47 0.00 | 27.61 0.53 0.00 | 24.87 0.47 0.00 |
| BLACKRVR_115KV_TB2 79977 | 26.64 -0.55 0.00 | 24.22 -0.47 0.00 | 24.24 -0.73 0.00 | 32.82 -1.01 0.00 | 30.89 -0.40 0.00 | 40.04 0.04 0.00 | 35.13 0.29 0.00 | 35.02 0.38 0.00 | 31.99 -0.16 0.00 | 33.15 -0.89 0.00 | 23.07 -1.05 0.00 | 21.74 -1.06 -0.02 | 21.36 -1.09 -0.01 | 22.56 -0.81 -0.04 | 26.44 -0.44 0.00 | 39.33 0.35 0.00 | 40.39 0.88 0.00 | 52.00 1.63 0.00 | 46.11 1.46 0.00 | 40.09 1.37 0.00 | 30.49 0.83 0.00 | 25.84 0.47 0.00 | 27.61 0.53 0.00 | 24.87 0.47 0.00 |
| BLISS_WT_PWR 323608 | 25.95 -1.24 0.00 | 23.72 -0.97 0.00 | 23.37 -0.60 0.99 | 32.21 -1.62 0.00 | 30.54 -0.75 0.00 | 39.32 -0.69 0.00 | 33.78 -1.07 0.00 | 33.40 -1.24 0.00 | 31.32 -0.82 0.00 | 33.85 -0.19 0.00 | 23.90 -0.27 -0.05 | 22.42 -0.42 -0.06 | 22.08 -0.38 -0.02 | 23.38 -0.06 -0.10 | 26.77 -0.11 0.00 | 38.41 -0.57 0.00 | 38.43 -1.08 0.00 | 49.17 -1.20 0.00 | 43.40 -1.25 0.00 | 37.64 -1.07 0.00 | 28.80 -0.86 0.00 | 25.19 -0.12 0.07 | 27.23 0.15 0.00 | 24.83 0.43 0.00 |
| BLUESTONE___WT_PWR 323821 | 27.72 0.53 0.00 | 25.53 0.84 0.00 | 26.01 0.84 -0.20 | 34.71 0.87 0.00 | 32.31 1.01 0.00 | 41.51 1.51 0.00 | 35.87 1.03 0.00 | 36.12 1.48 0.00 | 33.24 1.09 0.00 | 35.21 1.17 0.00 | 25.15 0.92 -0.10 | 23.22 0.31 -0.13 | 22.57 0.08 -0.04 | 23.76 0.21 -0.22 | 26.87 -0.01 0.00 | 39.32 0.33 0.00 | 40.03 0.53 0.00 | 50.98 0.61 0.00 | 45.03 0.38 0.00 | 39.35 0.64 0.00 | 30.50 0.84 0.00 | 26.28 0.89 -0.02 | 28.12 1.03 0.00 | 25.22 0.83 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 27.76 0.57 0.00 | 25.22 0.53 0.00 | 25.50 0.54 0.00 | 34.65 0.81 0.00 | 32.03 0.73 0.00 | 40.94 0.93 0.00 | 35.72 0.88 0.00 | 35.69 1.05 0.00 | 33.06 0.91 0.00 | 34.98 0.94 0.00 | 24.71 0.63 0.04 | 23.30 0.58 0.06 | 22.98 0.56 0.02 | 23.81 0.57 0.10 | 27.56 0.69 0.00 | 40.09 1.11 0.00 | 40.63 1.12 0.00 | 51.67 1.30 0.00 | 45.81 1.16 0.00 | 39.67 0.96 0.00 | 30.45 0.78 0.00 | 26.07 0.69 0.00 | 27.81 0.73 0.00 | 24.95 0.56 0.00 |
| BOC_GAS_DRP 24189 | 27.64 0.45 0.00 | 25.10 0.41 0.00 | 25.37 0.41 0.00 | 34.46 0.63 0.00 | 31.84 0.55 0.00 | 40.70 0.69 0.00 | 35.53 0.69 0.00 | 35.56 0.92 0.00 | 33.02 0.87 0.00 | 34.97 0.93 0.00 | 24.71 0.66 0.07 | 23.32 0.64 0.09 | 23.04 0.63 0.03 | 23.81 0.63 0.16 | 27.61 0.74 0.00 | 40.00 1.02 0.00 | 40.49 0.98 0.00 | 51.49 1.12 0.00 | 45.64 1.00 0.00 | 39.53 0.82 0.00 | 30.34 0.68 0.00 | 25.97 0.59 0.00 | 27.71 0.63 0.00 | 24.88 0.49 0.00 |
| BOONVILLE_115KV_TB1 79983 | 27.28 0.09 0.00 | 24.82 0.13 0.00 | 24.97 0.01 0.00 | 33.83 0.00 0.00 | 31.52 0.23 0.00 | 40.60 0.59 0.00 | 35.50 0.65 0.00 | 35.40 0.76 0.00 | 32.65 0.50 0.00 | 34.30 0.25 0.00 | 24.12 0.00 0.00 | 22.71 -0.07 0.00 | 22.34 -0.10 0.00 | 23.30 -0.03 0.00 | 27.09 0.22 0.00 | 39.67 0.69 0.00 | 40.57 1.07 0.00 | 51.91 1.54 0.00 | 46.01 1.37 0.00 | 39.95 1.24 0.00 | 30.49 0.83 0.00 | 25.97 0.59 0.00 | 27.73 0.64 0.00 | 24.95 0.56 0.00 |
| BORALEX_4TH_BRANCH 23824 | 28.80 1.62 0.00 | 26.17 1.48 0.00 | 26.46 1.49 0.00 | 35.74 1.90 0.00 | 33.16 1.86 0.00 | 42.53 2.53 0.00 | 37.12 2.28 0.00 | 37.19 2.55 0.00 | 34.58 2.43 0.00 | 36.55 2.51 0.00 | 25.73 1.70 0.10 | 24.13 1.48 0.12 | 23.88 1.48 0.04 | 24.64 1.52 0.21 | 28.81 1.94 0.00 | 41.88 2.90 0.00 | 42.15 2.64 0.00 | 53.57 3.19 0.00 | 47.44 2.79 0.00 | 41.02 2.30 0.00 | 31.70 2.04 0.00 | 27.11 1.73 0.00 | 28.93 1.84 0.00 | 25.85 1.46 0.00 |
| BOWLINE___1 23526 | 28.37 1.18 0.00 | 25.78 1.09 0.00 | 26.02 1.06 0.00 | 35.14 1.31 0.00 | 32.59 1.29 0.00 | 41.87 1.87 0.00 | 36.77 1.93 0.00 | 37.00 2.37 0.00 | 34.41 2.26 0.00 | 34.21 2.54 2.38 | 17.19 1.83 8.76 | 25.54 1.72 -1.04 | 24.52 1.70 -0.37 | 27.00 1.76 -1.90 | 28.88 2.01 0.00 | 41.69 2.71 0.00 | 42.28 2.78 0.00 | 53.76 3.39 0.00 | 47.54 2.89 0.00 | 41.13 2.42 0.00 | 31.51 1.85 0.00 | 26.88 1.50 0.00 | 28.71 1.63 0.00 | 25.82 1.42 0.00 |
| BOWLINE___2 23595 | 28.37 1.18 0.00 | 25.78 1.09 0.00 | 26.02 1.06 0.00 | 35.14 1.31 0.00 | 32.59 1.29 0.00 | 41.87 1.87 0.00 | 36.77 1.93 0.00 | 37.00 2.37 0.00 | 34.41 2.26 0.00 | 34.21 2.54 2.38 | 17.18 1.83 8.77 | 25.54 1.72 -1.04 | 24.52 1.70 -0.37 | 27.00 1.76 -1.90 | 28.88 2.01 0.00 | 41.69 2.71 0.00 | 42.28 2.78 0.00 | 53.76 3.39 0.00 | 47.54 2.89 0.00 | 41.13 2.42 0.00 | 31.51 1.85 0.00 | 26.88 1.50 0.00 | 28.71 1.63 0.00 | 25.82 1.42 0.00 |
| BRADY___115KV_TB2 356060 | 27.01 -0.19 0.00 | 24.41 -0.28 0.00 | 24.65 -0.32 0.00 | 32.86 -0.97 0.00 | 29.94 -1.35 0.00 | 38.56 -1.44 0.00 | 33.86 -0.99 0.00 | 33.37 -1.27 0.00 | 30.52 -1.63 0.00 | 32.28 -1.76 0.00 | 22.70 -1.42 0.00 | 21.62 -1.16 0.00 | 21.30 -1.14 0.00 | 22.55 -0.79 0.00 | 26.19 -0.67 0.00 | 37.65 -1.33 0.00 | 38.72 -0.79 0.00 | 50.47 0.09 0.00 | 45.14 0.50 0.00 | 39.47 0.76 0.00 | 29.94 0.28 0.00 | 24.89 -0.49 0.00 | 26.89 -0.19 0.00 | 24.31 -0.08 0.00 |
| BRANSCOMB___SOLAR 323811 | 28.65 1.47 0.00 | 26.01 1.32 0.00 | 26.29 1.33 0.00 | 35.59 1.76 0.00 | 33.00 1.71 0.00 | 42.29 2.29 0.00 | 37.01 2.17 0.00 | 36.96 2.32 0.00 | 34.29 2.14 0.00 | 36.13 2.09 0.00 | 25.45 1.40 0.08 | 23.96 1.27 0.10 | 23.71 1.30 0.03 | 24.53 1.36 0.16 | 28.56 1.69 0.00 | 41.65 2.67 0.00 | 42.20 2.69 0.00 | 53.75 3.38 0.00 | 47.53 2.89 0.00 | 41.12 2.41 0.00 | 31.58 1.91 0.00 | 27.01 1.63 0.00 | 28.81 1.73 0.00 | 25.78 1.39 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 28.84 1.65 0.00 | 26.38 1.69 0.00 | 26.59 1.62 0.00 | 35.62 1.79 0.00 | 33.08 1.78 0.00 | 42.36 2.36 0.00 | 37.69 2.84 0.00 | 37.53 2.89 0.00 | 35.14 2.99 0.00 | 45.83 3.12 -8.67 | 64.74 2.34 -38.28 | 26.70 2.43 -1.50 | 25.29 2.45 -0.40 | 27.75 2.39 -2.02 | 29.48 2.61 0.00 | 42.54 3.56 0.00 | 42.97 3.46 0.00 | 54.54 4.17 0.00 | 42.85 3.95 5.75 | 42.76 3.56 -0.49 | 39.25 2.85 -6.74 | 27.54 2.16 0.00 | 29.49 2.41 0.00 | 26.59 2.19 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 26.60 -0.59 0.00 | 24.17 -0.53 0.00 | 24.46 -0.50 0.00 | 33.10 -0.73 0.00 | 30.68 -0.61 0.00 | 39.18 -0.82 0.00 | 34.01 -0.84 0.00 | 33.90 -0.73 0.00 | 31.47 -0.68 0.00 | 33.28 -0.76 0.00 | 23.64 -0.51 -0.03 | 22.29 -0.52 -0.03 | 21.94 -0.51 -0.01 | 22.87 -0.52 -0.05 | 26.19 -0.68 0.00 | 38.08 -0.90 0.00 | 38.65 -0.85 0.00 | 49.37 -1.00 0.00 | 43.73 -0.92 0.00 | 37.93 -0.79 0.00 | 29.03 -0.63 0.00 | 24.87 -0.51 0.00 | 26.51 -0.58 0.00 | 23.93 -0.46 0.00 |
| BROOKHAVEN___DRP 24191 | 28.73 1.54 0.00 | 26.35 1.65 0.00 | 26.55 1.59 0.00 | 35.50 1.67 0.00 | 33.05 1.76 0.00 | 42.21 2.21 0.00 | 37.37 2.52 0.00 | 36.98 2.34 0.00 | 34.69 2.54 0.00 | 45.28 2.57 -8.67 | 64.36 1.97 -38.28 | 26.41 2.14 -1.50 | 25.02 2.18 -0.40 | 27.47 2.11 -2.02 | 29.11 2.24 0.00 | 42.19 3.21 0.00 | 42.67 3.16 0.00 | 53.92 3.54 0.00 | 41.58 3.36 6.42 | 42.34 3.15 -0.48 | 38.90 2.63 -6.61 | 27.23 1.85 0.00 | 29.17 2.08 0.00 | 26.37 1.98 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 28.62 1.43 0.00 | 26.01 1.32 0.00 | 26.24 1.28 0.00 | 35.36 1.53 0.00 | 32.76 1.47 0.00 | 42.17 2.17 0.00 | 37.10 2.25 0.00 | 37.29 2.66 0.00 | 34.72 2.57 0.00 | 117.31 2.90 -80.37 | 367.00 2.09 -340.78 | 28.78 2.03 -3.98 | 24.87 2.03 -0.40 | 27.43 2.07 -2.02 | 29.19 2.32 0.00 | 42.02 3.04 0.00 | 42.58 3.07 0.00 | 54.10 3.73 0.00 | 52.57 3.18 -4.74 | 41.44 2.72 0.00 | 32.07 2.12 -0.29 | 27.11 1.73 0.00 | 28.93 1.84 0.00 | 26.01 1.62 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 28.78 1.59 0.00 | 26.22 1.53 0.00 | 26.44 1.47 0.00 | 35.58 1.75 0.00 | 33.04 1.75 0.00 | 42.46 2.45 0.00 | 37.58 2.74 0.00 | 37.65 3.01 0.00 | 35.14 2.99 0.00 | 45.94 3.23 -8.67 | 64.76 2.36 -38.28 | 26.63 2.36 -1.50 | 25.19 2.36 -0.40 | 27.74 2.38 -2.02 | 29.53 2.66 0.00 | 42.57 3.59 0.00 | 43.13 3.63 0.00 | 54.86 4.49 0.00 | 60.17 3.90 -11.63 | 42.88 3.38 -0.78 | 43.79 2.65 -11.47 | 27.48 2.10 0.00 | 29.38 2.29 0.00 | 26.41 2.02 0.00 |
| BROOME_2_LFGE 323671 | 27.25 0.06 0.00 | 24.75 0.06 0.00 | 25.34 0.10 -0.28 | 33.91 0.08 0.00 | 31.44 0.15 0.00 | 40.33 0.33 0.00 | 35.02 0.18 0.00 | 35.03 0.40 0.00 | 32.56 0.41 0.00 | 34.51 0.47 0.00 | 24.51 0.29 -0.10 | 23.16 0.26 -0.12 | 22.72 0.23 -0.04 | 23.84 0.30 -0.21 | 27.25 0.37 0.00 | 39.46 0.48 0.00 | 39.96 0.45 0.00 | 50.95 0.58 0.00 | 45.10 0.45 0.00 | 39.12 0.40 0.00 | 29.93 0.26 0.00 | 25.68 0.28 -0.02 | 27.50 0.41 0.00 | 24.77 0.38 0.00 |
| BROOME___LFGE 323600 | 27.25 0.06 0.00 | 24.75 0.06 0.00 | 25.34 0.10 -0.28 | 33.91 0.08 0.00 | 31.44 0.15 0.00 | 40.33 0.33 0.00 | 35.02 0.18 0.00 | 35.03 0.40 0.00 | 32.56 0.41 0.00 | 34.51 0.47 0.00 | 24.51 0.29 -0.10 | 23.16 0.26 -0.12 | 22.72 0.23 -0.04 | 23.84 0.30 -0.21 | 27.25 0.37 0.00 | 39.46 0.48 0.00 | 39.96 0.45 0.00 | 50.95 0.58 0.00 | 45.10 0.45 0.00 | 39.12 0.40 0.00 | 29.93 0.26 0.00 | 25.68 0.28 -0.02 | 27.50 0.41 0.00 | 24.77 0.38 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 26.73 -0.47 0.00 | 24.25 -0.45 0.00 | 24.36 -0.61 0.00 | 32.74 -1.10 0.00 | 30.32 -0.97 0.00 | 39.17 -0.84 0.00 | 34.38 -0.46 0.00 | 34.11 -0.53 0.00 | 31.18 -0.97 0.00 | 32.69 -1.35 0.00 | 22.91 -1.21 0.00 | 21.69 -1.09 0.00 | 21.29 -1.15 0.00 | 22.41 -0.92 0.00 | 26.22 -0.65 0.00 | 38.41 -0.57 0.00 | 39.45 -0.06 0.00 | 50.96 0.58 0.00 | 45.41 0.77 0.00 | 39.60 0.89 0.00 | 30.09 0.43 0.00 | 25.30 -0.08 0.00 | 27.17 0.08 0.00 | 24.51 0.12 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 28.92 1.73 0.00 | 26.28 1.59 0.00 | 26.51 1.55 0.00 | 35.74 1.91 0.00 | 33.12 1.83 0.00 | 42.64 2.64 0.00 | 37.54 2.70 0.00 | 37.74 3.11 0.00 | 35.16 3.01 0.00 | 117.93 3.38 -80.50 | 373.11 2.44 -346.56 | 29.14 2.34 -4.02 | 25.16 2.33 -0.39 | 27.73 2.37 -2.02 | 29.55 2.68 0.00 | 42.55 3.57 0.00 | 43.11 3.60 0.00 | 54.82 4.45 0.00 | 48.44 3.80 0.00 | 41.96 3.25 0.00 | 32.17 2.51 0.00 | 27.43 2.05 0.00 | 29.26 2.18 0.00 | 26.29 1.90 0.00 |
| BURROWS___LYONSDAL 23803 | 27.07 -0.12 0.00 | 24.64 -0.05 0.00 | 24.75 -0.21 0.00 | 33.53 -0.30 0.00 | 31.32 0.03 0.00 | 40.41 0.40 0.00 | 35.36 0.52 0.00 | 35.26 0.62 0.00 | 32.45 0.31 0.00 | 33.99 -0.05 0.00 | 23.86 -0.26 0.00 | 22.47 -0.30 0.00 | 22.08 -0.36 0.00 | 23.05 -0.28 0.00 | 26.89 0.02 0.00 | 39.50 0.52 0.00 | 40.48 0.97 0.00 | 51.82 1.45 0.00 | 45.96 1.31 0.00 | 39.93 1.22 0.00 | 30.45 0.79 0.00 | 25.89 0.51 0.00 | 27.66 0.57 0.00 | 24.89 0.49 0.00 |
| CAITHNESS_CC_1 323624 | 28.67 1.48 0.00 | 26.27 1.58 0.00 | 26.48 1.52 0.00 | 35.42 1.59 0.00 | 32.95 1.66 0.00 | 42.11 2.10 0.00 | 37.32 2.48 0.00 | 36.99 2.35 0.00 | 34.69 2.54 0.00 | 45.30 2.59 -8.67 | 64.38 1.99 -38.28 | 26.41 2.13 -1.50 | 25.02 2.18 -0.40 | 27.46 2.10 -2.02 | 29.11 2.24 0.00 | 42.14 3.15 0.00 | 42.62 3.12 0.00 | 53.92 3.55 0.00 | 41.53 3.32 6.44 | 42.29 3.09 -0.48 | 38.84 2.57 -6.60 | 27.21 1.83 0.00 | 29.15 2.06 0.00 | 26.33 1.94 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 28.74 1.55 0.00 | 26.23 1.53 0.00 | 26.44 1.47 0.00 | 35.51 1.67 0.00 | 32.99 1.70 0.00 | 42.35 2.35 0.00 | 37.60 2.76 0.00 | 37.56 2.93 0.00 | 35.10 2.96 0.00 | 45.85 3.14 -8.67 | 64.72 2.32 -38.28 | 26.64 2.37 -1.50 | 25.19 2.36 -0.40 | 27.72 2.36 -2.02 | 29.47 2.60 0.00 | 42.36 3.38 0.00 | 42.89 3.38 0.00 | 54.52 4.15 0.00 | 49.67 3.65 -1.38 | 42.59 3.28 -0.60 | 40.79 2.61 -8.51 | 27.47 2.09 0.00 | 29.41 2.33 0.00 | 26.48 2.09 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 28.74 1.55 0.00 | 26.23 1.53 0.00 | 26.44 1.47 0.00 | 35.50 1.67 0.00 | 32.98 1.69 0.00 | 42.34 2.34 0.00 | 37.60 2.76 0.00 | 37.56 2.93 0.00 | 35.11 2.96 0.00 | 45.85 3.14 -8.67 | 64.72 2.33 -38.28 | 26.64 2.37 -1.50 | 25.19 2.35 -0.40 | 27.72 2.36 -2.02 | 29.47 2.60 0.00 | 42.36 3.38 0.00 | 42.88 3.38 0.00 | 54.52 4.15 0.00 | 49.65 3.64 -1.38 | 42.59 3.28 -0.60 | 40.79 2.62 -8.51 | 27.47 2.09 0.00 | 29.41 2.32 0.00 | 26.49 2.09 0.00 |
| CALPINE_BP_GT1 23823 | 28.74 1.55 0.00 | 26.23 1.53 0.00 | 26.44 1.47 0.00 | 35.50 1.67 0.00 | 32.98 1.69 0.00 | 42.34 2.34 0.00 | 37.60 2.76 0.00 | 37.56 2.93 0.00 | 35.11 2.96 0.00 | 45.85 3.14 -8.67 | 64.72 2.33 -38.28 | 26.64 2.37 -1.50 | 25.19 2.35 -0.40 | 27.72 2.36 -2.02 | 29.47 2.60 0.00 | 42.36 3.38 0.00 | 42.88 3.38 0.00 | 54.52 4.15 0.00 | 49.65 3.64 -1.38 | 42.59 3.28 -0.60 | 40.79 2.62 -8.51 | 27.47 2.09 0.00 | 29.41 2.32 0.00 | 26.49 2.09 0.00 |
| CALSPAN___DRP 24200 | 26.21 -0.98 0.00 | 23.82 -0.88 0.00 | 24.25 -0.72 0.00 | 32.34 -1.49 0.00 | 30.35 -0.95 0.00 | 38.94 -1.06 0.00 | 33.19 -1.65 0.00 | 32.89 -1.75 0.00 | 30.71 -1.44 0.00 | 33.02 -1.02 0.00 | 23.32 -0.84 -0.05 | 21.87 -0.97 -0.06 | 21.54 -0.92 -0.02 | 22.76 -0.68 -0.10 | 26.01 -0.86 0.00 | 37.37 -1.62 0.00 | 37.23 -2.27 0.00 | 47.78 -2.59 0.00 | 42.40 -2.24 0.00 | 36.94 -1.78 0.00 | 28.20 -1.46 0.00 | 24.47 -0.90 0.00 | 26.30 -0.78 0.00 | 24.03 -0.36 0.00 |

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|-------------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| CALVERTON___SOLAR 323806 | 28.80 1.61 0.00 | 26.42 1.73 0.00 | 26.64 1.67 0.00 | 35.60 1.76 0.00 | 33.16 1.87 0.00 | 42.33 2.32 0.00 | 37.43 2.59 0.00 | 36.99 2.35 0.00 | 34.72 2.57 0.00 | 45.27 2.56 -8.67 | 64.37 1.97 -38.28 | 26.42 2.14 -1.50 | 25.03 2.20 -0.40 | 27.48 2.12 -2.02 | 29.11 2.24 0.00 | 42.26 3.28 0.00 | 42.70 3.19 0.00 | 53.89 3.52 0.00 | 41.56 3.34 6.42 | 42.38 3.19 -0.48 | 38.97 2.70 -6.61 | 27.25 1.87 0.00 | 29.18 2.09 0.00 | 26.39 2.00 0.00 |
| CANDIGU_WT_PWR 323617 | 25.88 -1.31 0.00 | 23.48 -1.22 0.00 | 24.28 -0.98 -0.29 | 32.11 -1.72 0.00 | 30.00 -1.29 0.00 | 38.63 -1.37 0.00 | 33.34 -1.50 0.00 | 33.44 -1.20 0.00 | 31.14 -1.01 0.00 | 33.03 -1.01 0.00 | 23.30 -0.89 -0.06 | 21.92 -0.94 -0.08 | 21.54 -0.92 -0.03 | 22.68 -0.79 -0.14 | 26.01 -0.87 0.00 | 37.66 -1.33 0.00 | 38.10 -1.41 0.00 | 48.76 -1.61 0.00 | 43.26 -1.39 0.00 | 37.60 -1.12 0.00 | 28.65 -1.01 0.00 | 24.80 -0.60 -0.02 | 26.81 -0.27 0.00 | 24.35 -0.05 0.00 |
| CARR STREET_E__SYR 24060 | 26.81 -0.38 0.00 | 24.34 -0.35 0.00 | 24.63 -0.33 0.00 | 33.33 -0.51 0.00 | 30.88 -0.41 0.00 | 39.47 -0.53 0.00 | 34.25 -0.59 0.00 | 34.16 -0.48 0.00 | 31.72 -0.43 0.00 | 33.60 -0.44 0.00 | 23.86 -0.29 -0.03 | 22.51 -0.31 -0.03 | 22.14 -0.31 -0.01 | 23.08 -0.31 -0.06 | 26.48 -0.40 0.00 | 38.46 -0.52 0.00 | 38.97 -0.54 0.00 | 49.73 -0.64 0.00 | 44.04 -0.61 0.00 | 38.19 -0.53 0.00 | 29.23 -0.43 0.00 | 25.05 -0.33 0.00 | 26.72 -0.36 0.00 | 24.13 -0.27 0.00 |
| CARTHAGE___PAPER 23857 | 26.80 -0.39 0.00 | 24.38 -0.32 0.00 | 24.40 -0.57 0.00 | 33.00 -0.83 0.00 | 30.98 -0.31 0.00 | 40.14 0.14 0.00 | 35.24 0.40 0.00 | 35.11 0.47 0.00 | 32.06 -0.09 0.00 | 33.24 -0.81 0.00 | 23.15 -0.97 0.00 | 21.87 -0.91 0.00 | 21.44 -1.00 0.00 | 22.54 -0.80 0.00 | 26.53 -0.35 0.00 | 39.41 0.42 0.00 | 40.50 1.00 0.00 | 52.13 1.75 0.00 | 46.26 1.62 0.00 | 40.24 1.53 0.00 | 30.60 0.94 0.00 | 25.89 0.52 0.00 | 27.70 0.62 0.00 | 24.94 0.55 0.00 |
| CASSADAGA_WT_PWR 323784 | 26.05 -1.14 0.00 | 23.69 -1.00 0.00 | 23.21 -0.88 0.88 | 32.44 -1.40 0.00 | 30.69 -0.60 0.00 | 39.33 -0.67 0.00 | 33.89 -0.95 0.00 | 33.83 -0.81 0.00 | 31.59 -0.56 0.00 | 33.97 -0.07 0.00 | 23.90 -0.27 -0.05 | 22.50 -0.34 -0.06 | 22.12 -0.34 -0.02 | 23.37 -0.07 -0.10 | 26.73 -0.14 0.00 | 38.50 -0.48 0.00 | 38.52 -0.99 0.00 | 49.19 -1.18 0.00 | 43.68 -0.96 0.00 | 38.05 -0.66 0.00 | 29.09 -0.57 0.00 | 25.21 -0.11 0.06 | 27.20 0.11 0.00 | 24.81 0.42 0.00 |
| CE_DUNWOOD___DRP 24194 | 28.49 1.30 0.00 | 25.89 1.19 0.00 | 26.12 1.16 0.00 | 35.26 1.43 0.00 | 32.69 1.40 0.00 | 42.03 2.02 0.00 | 36.95 2.11 0.00 | 37.17 2.53 0.00 | 34.58 2.43 0.00 | 32.99 2.73 3.78 | 11.03 1.96 15.05 | 25.68 1.88 -1.02 | 24.69 1.87 -0.38 | 27.21 1.91 -1.97 | 29.04 2.17 0.00 | 41.89 2.91 0.00 | 42.48 2.97 0.00 | 54.00 3.63 0.00 | 47.75 3.10 0.00 | 41.33 2.62 0.00 | 31.69 2.03 0.00 | 27.03 1.65 0.00 | 28.85 1.77 0.00 | 25.92 1.53 0.00 |
| CE_MILLWOOD___DRP 24193 | 28.43 1.24 0.00 | 25.83 1.15 0.00 | 26.09 1.12 0.00 | 35.21 1.38 0.00 | 32.64 1.35 0.00 | 41.95 1.94 0.00 | 36.87 2.03 0.00 | 37.10 2.46 0.00 | 34.50 2.35 0.00 | 33.65 2.64 3.03 | 14.24 1.89 11.78 | 25.62 1.81 -1.03 | 24.61 1.79 -0.38 | 27.10 1.83 -1.93 | 28.96 2.09 0.00 | 41.79 2.81 0.00 | 42.39 2.89 0.00 | 53.89 3.52 0.00 | 47.64 2.99 0.00 | 41.24 2.53 0.00 | 31.61 1.95 0.00 | 26.96 1.58 0.00 | 28.79 1.70 0.00 | 25.87 1.47 0.00 |
| CE_NYC2_DRP 24202 | 28.71 1.52 0.00 | 26.11 1.41 0.00 | 26.32 1.36 0.00 | 35.46 1.62 0.00 | 32.88 1.59 0.00 | 42.31 2.31 0.00 | 37.23 2.39 0.00 | 37.43 2.80 0.00 | 34.87 2.73 0.00 | 116.27 3.08 -79.15 | 367.10 2.25 -340.73 | 28.93 2.18 -3.98 | 24.96 2.13 -0.39 | 27.52 2.16 -2.02 | 29.31 2.44 0.00 | 42.17 3.19 0.00 | 42.72 3.21 0.00 | 54.26 3.89 0.00 | 47.95 3.30 0.00 | 41.57 2.86 0.00 | 31.91 2.25 0.00 | 27.17 1.79 0.00 | 28.99 1.90 0.00 | 26.10 1.70 0.00 |
| CE_NYC_DRP 24195 | 28.72 1.53 0.00 | 26.11 1.42 0.00 | 26.34 1.37 0.00 | 35.50 1.67 0.00 | 32.91 1.62 0.00 | 42.36 2.36 0.00 | 37.27 2.43 0.00 | 37.47 2.83 0.00 | 34.89 2.74 0.00 | 86.98 3.10 -49.84 | 241.34 2.24 -214.98 | 27.88 2.16 -2.94 | 24.99 2.15 -0.39 | 27.54 2.19 -2.02 | 29.34 2.47 0.00 | 42.24 3.25 0.00 | 42.79 3.29 0.00 | 54.39 4.02 0.00 | 48.06 3.42 0.00 | 41.63 2.92 0.00 | 31.93 2.26 0.00 | 27.22 1.84 0.00 | 29.04 1.96 0.00 | 26.10 1.71 0.00 |
| CHAFFEE___LFGE 323603 | 26.41 -0.78 0.00 | 24.00 -0.69 0.00 | 23.56 -0.52 0.88 | 32.58 -1.25 0.00 | 30.57 -0.72 0.00 | 39.21 -0.79 0.00 | 33.44 -1.41 0.00 | 33.18 -1.46 0.00 | 30.99 -1.16 0.00 | 33.36 -0.68 0.00 | 23.59 -0.58 -0.05 | 22.10 -0.73 -0.06 | 21.73 -0.73 -0.02 | 22.98 -0.46 -0.10 | 26.23 -0.64 0.00 | 37.69 -1.30 0.00 | 37.60 -1.91 0.00 | 48.26 -2.11 0.00 | 42.81 -1.83 0.00 | 37.30 -1.41 0.00 | 28.44 -1.22 0.00 | 24.63 -0.69 0.06 | 26.52 -0.57 0.00 | 24.21 -0.18 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 26.61 -0.58 0.00 | 23.99 -0.70 0.00 | 24.22 -0.75 0.00 | 32.14 -1.70 0.00 | 29.05 -2.24 0.00 | 37.33 -2.67 0.00 | 32.90 -1.94 0.00 | 32.46 -2.18 0.00 | 29.77 -2.38 0.00 | 31.61 -2.43 0.00 | 22.36 -1.76 0.00 | 21.23 -1.55 0.00 | 20.73 -1.71 0.00 | 21.82 -1.51 0.00 | 25.37 -1.50 0.00 | 36.51 -2.47 0.00 | 37.25 -2.26 0.00 | 48.46 -1.92 0.00 | 43.61 -1.03 0.00 | 38.24 -0.47 0.00 | 29.15 -0.51 0.00 | 24.69 -0.69 0.00 | 26.44 -0.64 0.00 | 23.90 -0.49 0.00 |
| CHATEAUG_WT_PWR 323614 | 26.61 -0.59 0.00 | 23.98 -0.71 0.00 | 24.21 -0.76 0.00 | 32.13 -1.70 0.00 | 29.05 -2.24 0.00 | 37.29 -2.71 0.00 | 32.89 -1.95 0.00 | 32.42 -2.22 0.00 | 29.77 -2.38 0.00 | 31.56 -2.48 0.00 | 22.35 -1.77 0.00 | 21.22 -1.55 0.00 | 20.73 -1.71 0.00 | 21.79 -1.55 0.00 | 25.32 -1.55 0.00 | 36.45 -2.53 0.00 | 37.12 -2.38 0.00 | 48.24 -2.13 0.00 | 43.45 -1.20 0.00 | 38.12 -0.60 0.00 | 29.04 -0.61 0.00 | 24.61 -0.77 0.00 | 26.39 -0.69 0.00 | 23.87 -0.52 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 26.61 -0.58 0.00 | 23.99 -0.70 0.00 | 24.22 -0.75 0.00 | 32.14 -1.70 0.00 | 29.05 -2.24 0.00 | 37.33 -2.67 0.00 | 32.90 -1.94 0.00 | 32.46 -2.18 0.00 | 29.77 -2.38 0.00 | 31.61 -2.43 0.00 | 22.36 -1.76 0.00 | 21.23 -1.55 0.00 | 20.73 -1.71 0.00 | 21.82 -1.51 0.00 | 25.37 -1.50 0.00 | 36.51 -2.47 0.00 | 37.25 -2.26 0.00 | 48.46 -1.92 0.00 | 43.61 -1.03 0.00 | 38.24 -0.47 0.00 | 29.15 -0.51 0.00 | 24.69 -0.69 0.00 | 26.44 -0.64 0.00 | 23.90 -0.49 0.00 |
| CHAUTAUQUA___LFGE 323629 | 26.09 -1.10 0.00 | 23.73 -0.96 0.00 | 23.34 -0.82 0.81 | 32.32 -1.52 0.00 | 30.44 -0.86 0.00 | 39.06 -0.94 0.00 | 33.48 -1.36 0.00 | 33.27 -1.37 0.00 | 31.07 -1.08 0.00 | 33.39 -0.65 0.00 | 23.53 -0.64 -0.05 | 22.08 -0.75 -0.06 | 21.72 -0.74 -0.02 | 22.95 -0.49 -0.10 | 26.20 -0.67 0.00 | 37.73 -1.25 0.00 | 37.72 -1.79 0.00 | 48.32 -2.05 0.00 | 42.93 -1.72 0.00 | 37.41 -1.30 0.00 | 28.56 -1.09 0.00 | 24.74 -0.58 0.06 | 26.64 -0.45 0.00 | 24.34 -0.06 0.00 |
| CHERRYST_13_KV_LD 356241 | 28.78 1.59 0.00 | 26.17 1.47 0.00 | 26.40 1.44 0.00 | 35.60 1.76 0.00 | 33.00 1.71 0.00 | 42.48 2.47 0.00 | 37.38 2.54 0.00 | 37.59 2.96 0.00 | 35.00 2.85 0.00 | 87.10 3.22 -49.84 | 241.43 2.33 -214.98 | 27.97 2.25 -2.94 | 25.07 2.24 -0.39 | 27.63 2.28 -2.02 | 29.45 2.57 0.00 | 42.39 3.40 0.00 | 42.94 3.43 0.00 | 54.57 4.20 0.00 | 48.22 3.57 0.00 | 41.75 3.04 0.00 | 32.02 2.35 0.00 | 27.29 1.91 0.00 | 29.12 2.04 0.00 | 26.17 1.78 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 28.26 1.08 0.00 | 25.68 0.99 0.00 | 25.93 0.96 0.00 | 35.04 1.21 0.00 | 32.48 1.19 0.00 | 41.70 1.70 0.00 | 36.60 1.76 0.00 | 36.88 2.24 0.00 | 34.27 2.12 0.00 | 35.01 2.34 1.37 | 21.54 1.67 4.26 | 25.37 1.57 -1.02 | 24.35 1.56 -0.35 | 26.75 1.61 -1.81 | 28.73 1.85 0.00 | 41.52 2.54 0.00 | 42.14 2.63 0.00 | 53.60 3.22 0.00 | 47.40 2.75 0.00 | 41.02 2.31 0.00 | 31.42 1.76 0.00 | 26.82 1.44 0.00 | 28.64 1.55 0.00 | 25.75 1.35 0.00 |
| CH_MIDHUDSON___DRP 24192 | 28.36 1.18 0.00 | 25.75 1.05 0.00 | 26.00 1.04 0.00 | 35.16 1.33 0.00 | 32.57 1.28 0.00 | 41.83 1.83 0.00 | 36.76 1.92 0.00 | 36.97 2.34 0.00 | 34.36 2.21 0.00 | 36.45 2.41 0.00 | 26.21 1.71 -0.38 | 24.77 1.62 -0.38 | 24.16 1.60 -0.12 | 25.62 1.64 -0.64 | 28.77 1.90 0.00 | 41.60 2.62 0.00 | 42.19 2.69 0.00 | 53.68 3.31 0.00 | 47.49 2.84 0.00 | 41.10 2.39 0.00 | 31.49 1.83 0.00 | 26.88 1.50 0.00 | 28.68 1.59 0.00 | 25.72 1.33 0.00 |
| CH_MISC_IPPS 23765 | 28.54 1.35 0.00 | 25.91 1.22 0.00 | 26.16 1.19 0.00 | 35.37 1.54 0.00 | 32.78 1.49 0.00 | 42.11 2.11 0.00 | 37.01 2.17 0.00 | 37.26 2.62 0.00 | 34.61 2.46 0.00 | 36.70 2.66 0.00 | 26.72 1.90 -0.70 | 25.28 1.78 -0.72 | 24.44 1.76 -0.24 | 26.38 1.82 -1.23 | 28.99 2.12 0.00 | 41.93 2.94 0.00 | 42.54 3.03 0.00 | 54.14 3.76 0.00 | 47.87 3.23 0.00 | 41.44 2.72 0.00 | 31.74 2.07 0.00 | 27.08 1.70 0.00 | 28.89 1.80 0.00 | 25.92 1.53 0.00 |
| CH_RES_BVR_FALLS 23983 | 26.58 -0.61 0.00 | 24.09 -0.60 0.00 | 24.34 -0.62 0.00 | 32.82 -1.01 0.00 | 30.18 -1.11 0.00 | 38.75 -1.25 0.00 | 33.86 -0.98 0.00 | 33.55 -1.09 0.00 | 30.96 -1.19 0.00 | 32.81 -1.23 0.00 | 23.18 -0.94 0.00 | 21.92 -0.86 0.00 | 21.56 -0.88 0.00 | 22.54 -0.79 0.00 | 26.11 -0.76 0.00 | 37.80 -1.18 0.00 | 38.55 -0.96 0.00 | 49.69 -0.69 0.00 | 44.24 -0.40 0.00 | 38.55 -0.17 0.00 | 29.40 -0.26 0.00 | 24.89 -0.49 0.00 | 26.64 -0.45 0.00 | 24.02 -0.37 0.00 |
| CH_RES_NIAGARA 23895 | 25.39 -1.80 0.00 | 23.06 -1.63 0.00 | 23.48 -1.48 0.00 | 31.26 -2.58 0.00 | 29.28 -2.01 0.00 | 37.56 -2.45 0.00 | 31.82 -3.02 0.00 | 31.38 -3.26 0.00 | 29.33 -2.82 0.00 | 31.57 -2.48 0.00 | 22.34 -1.82 -0.04 | 20.95 -1.88 -0.05 | 20.64 -1.82 -0.02 | 21.80 -1.63 -0.09 | 24.88 -1.99 0.00 | 35.69 -3.30 0.00 | 35.39 -4.12 0.00 | 45.43 -4.95 0.00 | 40.33 -4.31 0.00 | 35.17 -3.55 0.00 | 26.88 -2.78 0.00 | 23.34 -2.04 0.00 | 25.06 -2.02 0.00 | 23.09 -1.30 0.00 |
| CH_RES_SYRACUSE 23985 | 26.99 -0.20 0.00 | 24.51 -0.18 0.00 | 24.78 -0.18 0.00 | 33.53 -0.30 0.00 | 31.09 -0.20 0.00 | 39.74 -0.26 0.00 | 34.51 -0.34 0.00 | 34.41 -0.23 0.00 | 31.94 -0.21 0.00 | 33.82 -0.22 0.00 | 23.98 -0.17 -0.03 | 22.65 -0.17 -0.04 | 22.26 -0.19 -0.01 | 23.20 -0.20 -0.07 | 26.63 -0.24 0.00 | 38.73 -0.25 0.00 | 39.24 -0.27 0.00 | 50.14 -0.23 0.00 | 44.39 -0.25 0.00 | 38.49 -0.22 0.00 | 29.46 -0.20 0.00 | 25.23 -0.15 0.00 | 26.91 -0.17 0.00 | 24.30 -0.09 0.00 |
| CLINTON_WT_PWR 323605 | 26.61 -0.59 0.00 | 23.98 -0.71 0.00 | 24.21 -0.76 0.00 | 32.13 -1.70 0.00 | 29.05 -2.24 0.00 | 37.29 -2.71 0.00 | 32.89 -1.95 0.00 | 32.42 -2.22 0.00 | 29.77 -2.38 0.00 | 31.56 -2.48 0.00 | 22.35 -1.77 0.00 | 21.22 -1.55 0.00 | 20.73 -1.71 0.00 | 21.79 -1.55 0.00 | 25.32 -1.55 0.00 | 36.45 -2.53 0.00 | 37.12 -2.38 0.00 | 48.24 -2.13 0.00 | 43.45 -1.20 0.00 | 38.12 -0.60 0.00 | 29.04 -0.61 0.00 | 24.61 -0.77 0.00 | 26.39 -0.69 0.00 | 23.87 -0.52 0.00 |
| CLINTON___LFGE 323618 | 26.97 -0.22 0.00 | 24.29 -0.40 0.00 | 24.50 -0.47 0.00 | 32.54 -1.29 0.00 | 29.42 -1.87 0.00 | 37.72 -2.29 0.00 | 33.34 -1.50 0.00 | 32.92 -1.72 0.00 | 30.21 -1.94 0.00 | 32.03 -2.01 0.00 | 22.66 -1.46 0.00 | 21.52 -1.25 0.00 | 21.02 -1.42 0.00 | 22.10 -1.23 0.00 | 25.64 -1.23 0.00 | 36.93 -2.05 0.00 | 37.63 -1.87 0.00 | 48.96 -1.41 0.00 | 44.13 -0.51 0.00 | 38.69 -0.02 0.00 | 29.46 -0.20 0.00 | 25.03 -0.35 0.00 | 26.71 -0.37 0.00 | 24.13 -0.26 0.00 |
| COBBLENY_34_KV_TB1 80064 | 26.41 -0.78 0.00 | 24.00 -0.69 0.00 | 24.45 -0.52 0.00 | 32.58 -1.25 0.00 | 30.57 -0.72 0.00 | 39.21 -0.79 0.00 | 33.45 -1.39 0.00 | 33.18 -1.46 0.00 | 31.00 -1.15 0.00 | 33.33 -0.71 0.00 | 23.55 -0.62 -0.05 | 22.07 -0.77 -0.06 | 21.73 -0.73 -0.02 | 22.97 -0.47 -0.10 | 26.23 -0.64 0.00 | 37.69 -1.30 0.00 | 37.60 -1.90 0.00 | 48.27 -2.10 0.00 | 42.81 -1.83 0.00 | 37.29 -1.42 0.00 | 28.46 -1.20 0.00 | 24.69 -0.69 0.00 | 26.52 -0.57 0.00 | 24.21 -0.18 0.00 |
| COFFEEN___115KV_TB3 355620 | 26.82 -0.37 0.00 | 24.37 -0.33 0.00 | 24.41 -0.56 0.00 | 33.04 -0.79 0.00 | 31.10 -0.19 0.00 | 40.32 0.32 0.00 | 35.39 0.55 0.00 | 35.30 0.66 0.00 | 32.24 0.09 0.00 | 33.35 -0.69 0.00 | 23.19 -0.93 0.00 | 21.84 -0.96 -0.02 | 21.48 -0.96 -0.01 | 22.74 -0.63 -0.04 | 26.59 -0.28 0.00 | 39.64 0.65 0.00 | 40.70 1.19 0.00 | 52.43 2.06 0.00 | 46.50 1.86 0.00 | 40.42 1.70 0.00 | 30.74 1.08 0.00 | 26.06 0.68 0.00 | 27.83 0.75 0.00 | 25.04 0.65 0.00 |
| COLDSPRG_115KV_BK1 355956 | 27.09 -0.10 0.00 | 24.61 -0.08 0.00 | 25.06 0.09 0.00 | 33.56 -0.27 0.00 | 31.60 0.31 0.00 | 40.52 0.52 0.00 | 34.70 -0.14 0.00 | 34.62 -0.02 0.00 | 32.37 0.22 0.00 | 34.92 0.88 0.00 | 24.63 0.46 -0.05 | 23.10 0.27 -0.06 | 22.77 0.31 -0.02 | 24.06 0.61 -0.11 | 27.53 0.66 0.00 | 39.50 0.52 0.00 | 39.40 -0.11 0.00 | 50.32 -0.06 0.00 | 44.62 -0.02 0.00 | 38.86 0.14 0.00 | 29.60 -0.06 0.00 | 25.72 0.34 0.00 | 27.75 0.67 0.00 | 25.25 0.86 0.00 |
| COLONIE_LFGE___ 323577 | 28.25 1.06 0.00 | 25.66 0.97 0.00 | 25.93 0.97 0.00 | 35.11 1.28 0.00 | 32.54 1.25 0.00 | 41.67 1.66 0.00 | 36.39 1.55 0.00 | 36.40 1.77 0.00 | 33.82 1.67 0.00 | 35.74 1.70 0.08 | 25.21 1.17 0.10 | 23.73 1.06 0.03 | 23.48 1.07 0.03 | 24.27 1.11 0.17 | 28.23 1.36 0.00 | 41.01 2.03 0.00 | 41.48 1.98 0.00 | 52.75 2.38 0.00 | 46.74 2.09 0.00 | 40.43 1.72 0.00 | 31.09 1.43 0.00 | 26.60 1.22 0.00 | 28.36 1.28 0.00 | 25.40 1.01 0.00 |
| COOPERNY_115KV_TB1 80082 | 27.99 0.80 0.00 | 25.42 0.73 0.00 | 25.68 0.71 0.00 | 34.76 0.93 0.00 | 32.19 0.90 0.00 | 41.28 1.27 0.00 | 36.14 1.30 0.00 | 36.19 1.55 0.00 | 33.61 1.46 0.00 | 35.51 1.62 0.15 | 26.03 1.28 -0.64 | 24.93 1.35 -0.80 | 24.04 1.33 -0.27 | 26.08 1.38 -1.37 | 28.45 1.58 0.00 | 41.13 2.15 0.00 | 41.72 2.21 0.00 | 53.07 2.70 0.00 | 46.96 2.32 0.00 | 40.67 1.96 0.00 | 31.14 1.48 0.00 | 26.61 1.23 0.00 | 28.43 1.34 0.00 | 25.56 1.17 0.00 |
| COPENHAGEN_WT_PWR 323753 | 26.35 -0.84 0.00 | 23.96 -0.74 0.00 | 23.95 -1.02 0.00 | 32.49 -1.34 0.00 | 30.66 -0.63 0.00 | 39.74 -0.26 0.00 | 34.86 0.02 0.00 | 34.75 0.11 0.00 | 31.72 -0.43 0.00 | 32.89 -1.15 0.00 | 22.87 -1.25 0.00 | 21.54 -1.26 -0.02 | 21.15 -1.29 -0.01 | 22.30 -1.07 -0.04 | 26.22 -0.65 0.00 | 39.04 0.06 0.00 | 40.07 0.56 0.00 | 51.61 1.24 0.00 | 45.75 1.11 0.00 | 39.77 1.05 0.00 | 30.25 0.59 0.00 | 25.63 0.25 0.00 | 27.40 0.31 0.00 | 24.68 0.29 0.00 |
| CORNELL_____ 23752 | 27.48 0.29 0.00 | 24.96 0.26 0.00 | 25.26 0.29 0.00 | 34.15 0.32 0.00 | 31.69 0.40 0.00 | 40.62 0.62 0.00 | 35.38 0.53 0.00 | 35.37 0.73 0.00 | 32.80 0.65 0.00 | 34.67 0.63 0.00 | 24.55 0.37 -0.07 | 23.08 0.22 -0.08 | 22.59 0.12 -0.03 | 23.62 0.14 -0.14 | 27.09 0.22 0.00 | 39.48 0.50 0.00 | 40.20 0.70 0.00 | 51.48 1.11 0.00 | 45.59 0.94 0.00 | 39.56 0.85 0.00 | 30.25 0.58 0.00 | 25.90 0.52 0.00 | 27.67 0.58 0.00 | 24.94 0.55 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| CORONA_69_KV_TB1 355595 | 28.77 1.58 0.00 | 26.22 1.52 0.00 | 26.42 1.46 0.00 | 35.54 1.71 0.00 | 33.03 1.74 0.00 | 42.44 2.43 0.00 | 37.59 2.75 0.00 | 37.59 2.95 0.00 | 35.08 2.93 0.00 | 45.85 3.14 -8.67 | 64.71 2.31 -38.28 | 26.63 2.36 -1.50 | 25.20 2.37 -0.40 | 27.71 2.35 -2.02 | 29.49 2.62 0.00 | 42.50 3.52 0.00 | 43.07 3.56 0.00 | 54.80 4.42 0.00 | 80.36 3.85 -31.86 | 42.98 3.39 -0.87 | 45.56 2.65 -13.25 | 27.50 2.12 0.00 | 29.41 2.32 0.00 | 26.46 2.07 0.00 |
| CORTLAND_115KV_TB3 80093 | 27.31 0.12 0.00 | 24.81 0.11 0.00 | 25.10 0.13 0.00 | 33.97 0.14 0.00 | 31.50 0.21 0.00 | 40.36 0.36 0.00 | 35.12 0.28 0.00 | 35.11 0.47 0.00 | 32.59 0.44 0.00 | 34.47 0.43 0.00 | 24.44 0.27 -0.05 | 23.02 0.17 -0.07 | 22.60 0.13 -0.02 | 23.61 0.16 -0.12 | 27.07 0.20 0.00 | 39.35 0.37 0.00 | 40.00 0.49 0.00 | 51.09 0.72 0.00 | 45.24 0.59 0.00 | 39.24 0.53 0.00 | 30.01 0.35 0.00 | 25.70 0.32 0.00 | 27.46 0.37 0.00 | 24.75 0.35 0.00 |
| COXSACKIE__GT 23611 | 28.55 1.36 0.00 | 25.92 1.22 0.00 | 26.20 1.24 0.00 | 35.60 1.77 0.00 | 32.94 1.65 0.00 | 42.20 2.19 0.00 | 36.93 2.09 0.00 | 37.03 2.40 0.00 | 34.24 2.09 0.00 | 35.74 1.70 0.00 | 25.09 0.92 -0.05 | 23.64 0.82 -0.04 | 23.17 0.71 -0.01 | 24.13 0.73 -0.07 | 27.97 1.10 0.00 | 41.05 2.07 0.00 | 42.05 2.54 0.00 | 53.76 3.39 0.00 | 47.66 3.01 0.00 | 41.12 2.41 0.00 | 31.48 1.82 0.00 | 26.90 1.52 0.00 | 28.59 1.50 0.00 | 25.56 1.17 0.00 |
| CPV_VALLEY__CC1 323721 | 28.12 0.93 0.00 | 25.54 0.85 0.00 | 25.80 0.83 0.00 | 34.86 1.03 0.00 | 32.30 1.01 0.00 | 41.46 1.45 0.00 | 36.32 1.48 0.00 | 35.99 1.35 0.00 | 33.44 1.29 0.00 | 35.31 1.43 0.16 | 26.03 1.26 -0.64 | 25.25 1.47 -1.00 | 24.22 1.45 -0.33 | 26.54 1.50 -1.71 | 28.59 1.71 0.00 | 41.29 2.30 0.00 | 41.89 2.38 0.00 | 53.26 2.89 0.00 | 47.10 2.45 0.00 | 40.78 2.06 0.00 | 31.24 1.58 0.00 | 26.67 1.29 0.00 | 28.50 1.41 0.00 | 25.62 1.22 0.00 |
| CPV_VALLEY__CC2 323722 | 28.12 0.93 0.00 | 25.54 0.85 0.00 | 25.80 0.83 0.00 | 34.86 1.03 0.00 | 32.30 1.01 0.00 | 41.46 1.45 0.00 | 36.32 1.48 0.00 | 35.99 1.35 0.00 | 33.44 1.29 0.00 | 35.31 1.43 0.16 | 26.03 1.26 -0.64 | 25.25 1.47 -1.00 | 24.22 1.45 -0.33 | 26.54 1.50 -1.71 | 28.59 1.71 0.00 | 41.29 2.30 0.00 | 41.89 2.38 0.00 | 53.26 2.89 0.00 | 47.10 2.45 0.00 | 40.78 2.06 0.00 | 31.24 1.58 0.00 | 26.67 1.29 0.00 | 28.50 1.41 0.00 | 25.62 1.22 0.00 |
| CRESCENT__HYD 24018 | 28.25 1.06 0.00 | 25.66 0.97 0.00 | 25.93 0.97 0.00 | 35.11 1.28 0.00 | 32.54 1.25 0.00 | 41.67 1.66 0.00 | 36.39 1.55 0.00 | 36.40 1.77 0.00 | 33.82 1.67 0.00 | 35.74 1.70 0.00 | 25.21 1.17 0.08 | 23.73 1.06 0.10 | 23.48 1.07 0.03 | 24.27 1.11 0.17 | 28.23 1.36 0.00 | 41.01 2.03 0.00 | 41.48 1.98 0.00 | 52.75 2.38 0.00 | 46.74 2.09 0.00 | 40.43 1.72 0.00 | 31.09 1.43 0.00 | 26.60 1.22 0.00 | 28.36 1.28 0.00 | 25.40 1.01 0.00 |
| CRICKET__VALLEY_CC1 323756 | 28.07 0.88 0.00 | 25.47 0.78 0.00 | 25.71 0.74 0.00 | 34.73 0.90 0.00 | 32.24 0.95 0.00 | 41.44 1.44 0.00 | 36.44 1.60 0.00 | 36.68 2.04 0.00 | 34.09 1.94 0.00 | 36.12 2.08 0.00 | 25.38 1.51 0.25 | 23.88 1.43 0.32 | 23.74 1.41 0.10 | 24.20 1.41 0.54 | 28.53 1.66 0.00 | 41.26 2.28 0.00 | 41.86 2.36 0.00 | 53.24 2.87 0.00 | 47.07 2.43 0.00 | 40.71 2.00 0.00 | 31.21 1.55 0.00 | 26.64 1.26 0.00 | 28.40 1.32 0.00 | 25.44 1.05 0.00 |
| CRICKET__VALLEY_CC2 323757 | 28.07 0.88 0.00 | 25.47 0.78 0.00 | 25.71 0.74 0.00 | 34.73 0.90 0.00 | 32.24 0.95 0.00 | 41.44 1.44 0.00 | 36.44 1.60 0.00 | 36.68 2.04 0.00 | 34.09 1.94 0.00 | 36.12 2.08 0.00 | 25.38 1.51 0.25 | 23.88 1.43 0.32 | 23.74 1.41 0.10 | 24.20 1.41 0.54 | 28.53 1.66 0.00 | 41.26 2.28 0.00 | 41.86 2.36 0.00 | 53.24 2.87 0.00 | 47.07 2.43 0.00 | 40.71 2.00 0.00 | 31.21 1.55 0.00 | 26.64 1.26 0.00 | 28.40 1.32 0.00 | 25.44 1.05 0.00 |
| CRICKET__VALLEY_CC3 323758 | 28.07 0.88 0.00 | 25.47 0.78 0.00 | 25.71 0.74 0.00 | 34.73 0.90 0.00 | 32.24 0.95 0.00 | 41.44 1.44 0.00 | 36.44 1.60 0.00 | 36.68 2.04 0.00 | 34.09 1.94 0.00 | 36.12 2.08 0.00 | 25.38 1.51 0.25 | 23.88 1.43 0.32 | 23.74 1.41 0.10 | 24.20 1.41 0.54 | 28.53 1.66 0.00 | 41.26 2.28 0.00 | 41.86 2.36 0.00 | 53.24 2.87 0.00 | 47.07 2.43 0.00 | 40.71 2.00 0.00 | 31.21 1.55 0.00 | 26.64 1.26 0.00 | 28.40 1.32 0.00 | 25.44 1.05 0.00 |
| CRUCIBLE_METL_DRP 24180 | 26.98 -0.20 0.00 | 24.51 -0.18 0.00 | 24.78 -0.18 0.00 | 33.53 -0.30 0.00 | 31.09 -0.20 0.00 | 39.74 -0.26 0.00 | 34.51 -0.33 0.00 | 34.41 -0.23 0.00 | 31.93 -0.22 0.00 | 33.81 -0.22 0.00 | 23.98 -0.17 -0.03 | 22.65 -0.17 -0.04 | 22.26 -0.19 -0.01 | 23.20 -0.20 -0.07 | 26.63 -0.24 0.00 | 38.73 -0.26 0.00 | 39.24 -0.27 0.00 | 50.14 -0.24 0.00 | 44.39 -0.26 0.00 | 38.49 -0.22 0.00 | 29.46 -0.20 0.00 | 25.23 -0.15 0.00 | 26.91 -0.17 0.00 | 24.30 -0.09 0.00 |
| DAHOWA__HYDRO 323763 | 28.82 1.62 0.00 | 26.15 1.46 0.00 | 26.43 1.46 0.00 | 35.76 1.93 0.00 | 33.18 1.88 0.00 | 42.54 2.53 0.00 | 37.25 2.41 0.00 | 37.20 2.56 0.00 | 34.52 2.37 0.00 | 36.36 2.31 0.00 | 25.60 1.55 0.07 | 24.08 1.40 0.09 | 23.84 1.43 0.03 | 24.68 1.51 0.16 | 28.73 1.86 0.00 | 41.92 2.94 0.00 | 42.47 2.96 0.00 | 54.12 3.75 0.00 | 47.83 3.18 0.00 | 41.37 2.66 0.00 | 31.76 2.10 0.00 | 27.18 1.80 0.00 | 28.99 1.90 0.00 | 25.93 1.54 0.00 |
| DANC__LFGE 323619 | 26.48 -0.71 0.00 | 24.06 -0.63 0.00 | 24.17 -0.80 0.00 | 32.75 -1.08 0.00 | 30.67 -0.62 0.00 | 39.54 -0.46 0.00 | 34.53 -0.31 0.00 | 34.42 -0.21 0.00 | 31.63 -0.52 0.00 | 33.06 -0.98 0.00 | 23.18 -0.96 -0.02 | 21.84 -0.96 -0.03 | 21.46 -0.99 -0.01 | 22.53 -0.85 -0.04 | 26.23 -0.64 0.00 | 38.70 -0.29 0.00 | 39.49 -0.02 0.00 | 50.72 0.35 0.00 | 44.97 0.32 0.00 | 39.11 0.39 0.00 | 29.81 0.15 0.00 | 25.36 -0.02 0.00 | 27.07 -0.01 0.00 | 24.41 0.02 0.00 |
| DANSKAMMER__1 23586 | 28.54 1.35 0.00 | 25.91 1.22 0.00 | 26.16 1.19 0.00 | 35.37 1.54 0.00 | 32.78 1.49 0.00 | 42.11 2.11 0.00 | 37.01 2.17 0.00 | 37.26 2.62 0.00 | 34.61 2.46 0.00 | 36.70 2.66 0.00 | 26.72 1.90 -0.70 | 25.28 1.78 -0.72 | 24.44 1.76 -0.24 | 26.38 1.82 -1.23 | 28.99 2.12 0.00 | 41.93 2.94 0.00 | 42.54 3.03 0.00 | 54.14 3.76 0.00 | 47.87 3.23 0.00 | 41.44 2.72 0.00 | 31.74 2.07 0.00 | 27.08 1.70 0.00 | 28.89 1.80 0.00 | 25.92 1.53 0.00 |
| DANSKAMMER__2 23589 | 28.54 1.35 0.00 | 25.91 1.22 0.00 | 26.16 1.19 0.00 | 35.37 1.54 0.00 | 32.78 1.49 0.00 | 42.11 2.11 0.00 | 37.01 2.17 0.00 | 37.26 2.62 0.00 | 34.61 2.46 0.00 | 36.70 2.66 0.00 | 26.72 1.90 -0.70 | 25.28 1.78 -0.72 | 24.44 1.76 -0.24 | 26.38 1.82 -1.23 | 28.99 2.12 0.00 | 41.93 2.94 0.00 | 42.54 3.03 0.00 | 54.14 3.76 0.00 | 47.87 3.23 0.00 | 41.44 2.72 0.00 | 31.74 2.07 0.00 | 27.08 1.70 0.00 | 28.89 1.80 0.00 | 25.92 1.53 0.00 |
| DANSKAMMER__3 23590 | 28.54 1.35 0.00 | 25.91 1.22 0.00 | 26.16 1.19 0.00 | 35.37 1.54 0.00 | 32.78 1.49 0.00 | 42.11 2.11 0.00 | 37.01 2.17 0.00 | 37.26 2.62 0.00 | 34.61 2.46 0.00 | 36.70 2.66 0.00 | 26.72 1.90 -0.70 | 25.28 1.78 -0.72 | 24.44 1.76 -0.24 | 26.38 1.82 -1.23 | 28.99 2.12 0.00 | 41.93 2.94 0.00 | 42.54 3.03 0.00 | 54.14 3.76 0.00 | 47.87 3.23 0.00 | 41.44 2.72 0.00 | 31.74 2.07 0.00 | 27.08 1.70 0.00 | 28.89 1.80 0.00 | 25.92 1.53 0.00 |

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| DANSKAMMER___4 23591 | 28.54 1.35 0.00 | 25.91 1.22 0.00 | 26.16 1.19 0.00 | 35.37 1.54 0.00 | 32.78 1.49 0.00 | 42.11 2.11 0.00 | 37.01 2.17 0.00 | 37.26 2.62 0.00 | 34.61 2.46 0.00 | 36.70 2.66 0.00 | 26.72 1.90 -0.70 | 25.28 1.78 -0.72 | 24.44 1.76 -0.24 | 26.38 1.82 -1.23 | 28.99 2.12 0.00 | 41.93 2.94 0.00 | 42.54 3.03 0.00 | 54.14 3.76 0.00 | 47.87 3.23 0.00 | 41.44 2.72 0.00 | 31.74 2.07 0.00 | 27.08 1.70 0.00 | 28.89 1.80 0.00 | 25.92 1.53 0.00 |
| DANSKAMMER___DIESEL 23592 | 28.54 1.35 0.00 | 25.91 1.22 0.00 | 26.16 1.19 0.00 | 35.37 1.53 0.00 | 32.78 1.49 0.00 | 42.11 2.11 0.00 | 37.02 2.18 0.00 | 37.26 2.62 0.00 | 34.61 2.46 0.00 | 36.70 2.66 0.00 | 26.72 1.90 -0.70 | 25.28 1.78 -0.72 | 24.44 1.75 -0.24 | 26.38 1.83 -1.23 | 28.99 2.12 0.00 | 41.92 2.94 0.00 | 42.54 3.03 0.00 | 54.13 3.76 0.00 | 47.88 3.24 0.00 | 41.44 2.73 0.00 | 31.73 2.07 0.00 | 27.08 1.70 0.00 | 28.89 1.80 0.00 | 25.92 1.53 0.00 |
| DARBY___SOLAR 323810 | 28.67 1.48 0.00 | 26.02 1.33 0.00 | 26.30 1.33 0.00 | 35.60 1.77 0.00 | 33.00 1.71 0.00 | 42.31 2.31 0.00 | 37.04 2.19 0.00 | 36.98 2.35 0.00 | 34.32 2.17 0.00 | 36.14 2.10 0.00 | 25.46 1.41 0.08 | 23.96 1.27 0.10 | 23.71 1.30 0.03 | 24.54 1.37 0.16 | 28.56 1.69 0.00 | 41.66 2.68 0.00 | 42.22 2.71 0.00 | 53.78 3.41 0.00 | 47.55 2.91 0.00 | 41.14 2.43 0.00 | 31.59 1.93 0.00 | 27.03 1.65 0.00 | 28.83 1.74 0.00 | 25.80 1.40 0.00 |
| DASHVILLE___HYD 23610 | 28.08 0.89 0.00 | 25.48 0.79 0.00 | 25.73 0.77 0.00 | 34.88 1.05 0.00 | 32.25 0.96 0.00 | 41.31 1.31 0.00 | 36.27 1.43 0.00 | 36.49 1.85 0.00 | 33.92 1.77 0.00 | 35.97 1.92 0.00 | 25.81 1.37 -0.32 | 24.38 1.27 -0.33 | 23.79 1.24 -0.11 | 25.12 1.23 -0.55 | 28.36 1.49 0.00 | 40.97 1.99 0.00 | 41.56 2.05 0.00 | 52.85 2.48 0.00 | 46.78 2.14 0.00 | 40.53 1.82 0.00 | 31.04 1.38 0.00 | 26.53 1.15 0.00 | 28.32 1.24 0.00 | 25.43 1.04 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 29.06 1.87 0.00 | 26.69 2.00 0.00 | 26.93 1.96 0.00 | 36.03 2.19 0.00 | 33.58 2.28 0.00 | 42.89 2.88 0.00 | 37.76 2.92 0.00 | 37.36 2.73 0.00 | 34.95 2.80 0.00 | 45.49 2.78 -8.67 | 64.54 2.14 -38.28 | 26.54 2.27 -1.50 | 25.20 2.37 -0.40 | 27.62 2.26 -2.02 | 29.22 2.36 0.00 | 42.25 3.26 0.00 | 42.53 3.02 0.00 | 53.57 3.19 0.00 | 41.34 3.10 6.41 | 42.18 2.98 -0.48 | 38.80 2.53 -6.61 | 27.07 1.68 0.00 | 28.97 1.88 0.00 | 26.19 1.80 0.00 |
| DELAWARE___LFGE 323621 | 27.86 0.67 0.00 | 25.32 0.62 0.00 | 25.60 0.63 0.00 | 34.80 0.97 0.00 | 32.15 0.86 0.00 | 41.12 1.12 0.00 | 35.89 1.05 0.00 | 35.90 1.26 0.00 | 33.31 1.16 0.00 | 35.30 1.26 0.00 | 25.18 0.93 -0.13 | 23.82 0.88 -0.16 | 23.34 0.84 -0.05 | 24.49 0.88 -0.28 | 27.87 1.00 0.00 | 40.39 1.40 0.00 | 40.95 1.44 0.00 | 52.15 1.78 0.00 | 46.22 1.58 0.00 | 40.10 1.39 0.00 | 30.71 1.05 0.00 | 26.28 0.90 0.00 | 28.07 0.98 0.00 | 25.25 0.86 0.00 |
| DERFIELD_115KV_TB7 355931 | 27.22 0.03 0.00 | 24.72 0.02 0.00 | 24.99 0.03 0.00 | 33.87 0.04 0.00 | 31.32 0.03 0.00 | 40.05 0.05 0.00 | 34.92 0.07 0.00 | 34.76 0.12 0.00 | 32.25 0.10 0.00 | 34.14 0.10 0.00 | 24.17 0.05 0.00 | 22.83 0.05 0.00 | 22.50 0.06 0.00 | 23.39 0.06 0.00 | 26.95 0.08 0.00 | 39.11 0.13 0.00 | 39.66 0.15 0.00 | 50.59 0.21 0.00 | 44.86 0.22 0.00 | 38.91 0.19 0.00 | 29.79 0.13 0.00 | 25.47 0.09 0.00 | 27.19 0.11 0.00 | 24.47 0.07 0.00 |
| DOGLEVILLE___HYD 23807 | 27.51 0.32 0.00 | 25.01 0.32 0.00 | 25.24 0.27 0.00 | 34.25 0.42 0.00 | 31.65 0.36 0.00 | 40.60 0.60 0.00 | 35.52 0.68 0.00 | 35.32 0.68 0.00 | 32.80 0.65 0.00 | 34.39 0.35 0.00 | 24.23 0.11 0.00 | 22.86 0.08 0.00 | 22.51 0.07 0.00 | 23.30 -0.03 0.00 | 26.84 -0.03 0.00 | 39.47 0.49 0.00 | 40.22 0.71 0.00 | 51.36 0.98 0.00 | 45.49 0.85 0.00 | 39.41 0.69 0.00 | 30.32 0.66 0.00 | 25.95 0.58 0.00 | 27.70 0.62 0.00 | 24.70 0.31 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 26.11 -1.08 0.00 | 23.74 -0.95 0.00 | 24.16 -0.81 0.00 | 32.31 -1.52 0.00 | 30.41 -0.88 0.00 | 39.02 -0.98 0.00 | 33.43 -1.41 0.00 | 33.19 -1.44 0.00 | 31.00 -1.15 0.00 | 33.29 -0.75 0.00 | 23.44 -0.72 -0.05 | 22.01 -0.83 -0.06 | 21.67 -0.79 -0.02 | 22.89 -0.55 -0.10 | 26.15 -0.72 0.00 | 37.64 -1.34 0.00 | 37.60 -1.91 0.00 | 48.22 -2.16 0.00 | 42.82 -1.83 0.00 | 37.31 -1.41 0.00 | 28.50 -1.16 0.00 | 24.73 -0.65 0.00 | 26.56 -0.52 0.00 | 24.27 -0.12 0.00 |
| DUNKIRK___1 23563 | 26.11 -1.08 0.00 | 23.74 -0.95 0.00 | 24.16 -0.81 0.00 | 32.31 -1.52 0.00 | 30.41 -0.88 0.00 | 39.02 -0.98 0.00 | 33.43 -1.41 0.00 | 33.19 -1.44 0.00 | 31.00 -1.15 0.00 | 33.29 -0.75 0.00 | 23.44 -0.72 -0.05 | 22.01 -0.83 -0.06 | 21.67 -0.79 -0.02 | 22.89 -0.55 -0.10 | 26.15 -0.72 0.00 | 37.64 -1.34 0.00 | 37.60 -1.91 0.00 | 48.22 -2.16 0.00 | 42.82 -1.83 0.00 | 37.31 -1.41 0.00 | 28.50 -1.16 0.00 | 24.73 -0.65 0.00 | 26.56 -0.52 0.00 | 24.27 -0.12 0.00 |
| DUNKIRK___2 23564 | 26.11 -1.08 0.00 | 23.74 -0.95 0.00 | 24.16 -0.81 0.00 | 32.31 -1.52 0.00 | 30.41 -0.88 0.00 | 39.02 -0.98 0.00 | 33.43 -1.41 0.00 | 33.19 -1.44 0.00 | 31.00 -1.15 0.00 | 33.29 -0.75 0.00 | 23.44 -0.72 -0.05 | 22.01 -0.83 -0.06 | 21.67 -0.79 -0.02 | 22.89 -0.55 -0.10 | 26.15 -0.72 0.00 | 37.64 -1.34 0.00 | 37.60 -1.91 0.00 | 48.22 -2.16 0.00 | 42.82 -1.83 0.00 | 37.31 -1.41 0.00 | 28.50 -1.16 0.00 | 24.73 -0.65 0.00 | 26.56 -0.52 0.00 | 24.27 -0.12 0.00 |
| DUNKIRK___3 23565 | 26.14 -1.05 0.00 | 23.76 -0.93 0.00 | 24.19 -0.78 0.00 | 32.33 -1.51 0.00 | 30.40 -0.89 0.00 | 39.01 -1.00 0.00 | 33.36 -1.48 0.00 | 33.12 -1.52 0.00 | 30.93 -1.22 0.00 | 33.24 -0.81 0.00 | 23.43 -0.74 -0.05 | 21.98 -0.85 -0.06 | 21.65 -0.81 -0.02 | 22.87 -0.57 -0.10 | 26.13 -0.74 0.00 | 37.59 -1.39 0.00 | 37.53 -1.98 0.00 | 48.12 -2.26 0.00 | 42.72 -1.92 0.00 | 37.21 -1.50 0.00 | 28.41 -1.25 0.00 | 24.67 -0.71 0.00 | 26.50 -0.58 0.00 | 24.22 -0.18 0.00 |
| DUNKIRK___4 23566 | 26.14 -1.05 0.00 | 23.76 -0.93 0.00 | 24.19 -0.78 0.00 | 32.33 -1.51 0.00 | 30.40 -0.89 0.00 | 39.01 -1.00 0.00 | 33.36 -1.48 0.00 | 33.12 -1.52 0.00 | 30.93 -1.22 0.00 | 33.24 -0.81 0.00 | 23.43 -0.74 -0.05 | 21.98 -0.85 -0.06 | 21.65 -0.81 -0.02 | 22.87 -0.57 -0.10 | 26.13 -0.74 0.00 | 37.59 -1.39 0.00 | 37.53 -1.98 0.00 | 48.12 -2.26 0.00 | 42.72 -1.92 0.00 | 37.21 -1.50 0.00 | 28.41 -1.25 0.00 | 24.67 -0.71 0.00 | 26.50 -0.58 0.00 | 24.22 -0.18 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 28.55 1.36 0.00 | 25.95 1.26 0.00 | 26.19 1.22 0.00 | 35.33 1.50 0.00 | 32.75 1.46 0.00 | 42.09 2.09 0.00 | 37.04 2.20 0.00 | 37.27 2.63 0.00 | 34.68 2.53 0.00 | 39.76 2.85 -2.87 | 39.61 2.06 -13.43 | 26.05 1.98 -1.29 | 24.81 1.98 -0.39 | 27.37 2.02 -2.02 | 29.16 2.29 0.00 | 42.03 3.05 0.00 | 42.60 3.10 0.00 | 54.15 3.78 0.00 | 47.88 3.24 0.00 | 41.46 2.74 0.00 | 31.80 2.13 0.00 | 27.11 1.73 0.00 | 28.94 1.85 0.00 | 26.01 1.61 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 28.39 1.21 0.00 | 25.79 1.09 0.00 | 26.03 1.06 0.00 | 35.19 1.36 0.00 | 32.61 1.32 0.00 | 41.88 1.87 0.00 | 36.79 1.95 0.00 | 37.08 2.44 0.00 | 34.45 2.30 0.00 | 36.46 2.51 0.09 | 26.69 1.78 -0.79 | 25.25 1.66 -0.81 | 24.36 1.64 -0.27 | 26.42 1.70 -1.39 | 28.84 1.97 0.00 | 41.69 2.70 0.00 | 42.32 2.81 0.00 | 53.85 3.48 0.00 | 47.62 2.98 0.00 | 41.22 2.50 0.00 | 31.57 1.90 0.00 | 26.94 1.56 0.00 | 28.75 1.67 0.00 | 25.83 1.44 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 28.69 1.50 0.00 | 26.09 1.40 0.00 | 26.30 1.34 0.00 | 35.40 1.57 0.00 | 32.86 1.57 0.00 | 42.32 2.32 0.00 | 37.24 2.40 0.00 | 37.42 2.79 0.00 | 34.83 2.68 0.00 | 116.15 2.96 -79.15 | 367.10 2.24 -340.73 | 28.89 2.13 -3.98 | 24.86 2.03 -0.39 | 27.41 2.05 -2.02 | 29.17 2.30 0.00 | 42.02 3.04 0.00 | 42.65 3.14 0.00 | 54.21 3.84 0.00 | 47.87 3.23 0.00 | 41.51 2.80 0.00 | 31.82 2.17 0.00 | 27.10 1.72 0.00 | 28.96 1.87 0.00 | 26.05 1.66 0.00 |
| E179THST_13_KV_LOAD 356214 | 28.80 1.61 0.00 | 26.17 1.48 0.00 | 26.40 1.43 0.00 | 35.51 1.68 0.00 | 32.97 1.68 0.00 | 42.47 2.47 0.00 | 37.38 2.54 0.00 | 37.57 2.93 0.00 | 34.97 2.82 0.00 | 116.31 3.12 -79.15 | 367.21 2.35 -340.73 | 28.99 2.24 -3.98 | 24.97 2.13 -0.39 | 27.52 2.17 -2.02 | 29.30 2.44 0.00 | 42.21 3.23 0.00 | 42.85 3.34 0.00 | 54.47 4.09 0.00 | 48.09 3.45 0.00 | 41.71 2.99 0.00 | 31.97 2.30 0.00 | 27.22 1.84 0.00 | 29.08 2.00 0.00 | 26.16 1.77 0.00 |
| EAST HAMPTON___GT 23717 | 29.23 2.04 0.00 | 26.86 2.16 0.00 | 27.13 2.16 0.00 | 36.36 2.53 0.00 | 33.89 2.60 0.00 | 43.30 3.29 0.00 | 37.96 3.12 0.00 | 37.67 3.03 0.00 | 35.10 2.95 0.00 | 45.59 2.88 -8.67 | 64.64 2.24 -38.28 | 26.50 2.23 -1.50 | 25.26 2.42 -0.40 | 27.62 2.26 -2.02 | 29.18 2.31 0.00 | 41.86 2.88 0.00 | 41.94 2.43 0.00 | 52.72 2.34 0.00 | 40.57 2.33 6.41 | 41.53 2.34 -0.48 | 38.30 2.03 -6.61 | 26.61 1.23 0.00 | 28.45 1.37 0.00 | 25.71 1.32 0.00 |
| EAST RIVER___6 23660 | 28.81 1.62 0.00 | 26.19 1.50 0.00 | 26.41 1.44 0.00 | 35.59 1.76 0.00 | 33.00 1.71 0.00 | 42.47 2.46 0.00 | 37.39 2.55 0.00 | 37.59 2.96 0.00 | 35.02 2.87 0.00 | 87.11 3.23 -49.84 | 241.45 2.34 -214.98 | 27.99 2.27 -2.94 | 25.10 2.26 -0.39 | 27.66 2.30 -2.02 | 29.46 2.59 0.00 | 42.40 3.42 0.00 | 42.96 3.45 0.00 | 54.57 4.20 0.00 | 48.24 3.59 0.00 | 41.77 3.06 0.00 | 32.03 2.37 0.00 | 27.30 1.92 0.00 | 29.13 2.04 0.00 | 26.18 1.79 0.00 |
| EAST RIVER___7 23524 | 28.81 1.62 0.00 | 26.19 1.50 0.00 | 26.41 1.44 0.00 | 35.59 1.76 0.00 | 33.00 1.71 0.00 | 42.47 2.46 0.00 | 37.39 2.55 0.00 | 37.59 2.96 0.00 | 35.02 2.87 0.00 | 87.11 3.23 -49.84 | 241.45 2.34 -214.98 | 27.99 2.27 -2.94 | 25.10 2.26 -0.39 | 27.66 2.30 -2.02 | 29.46 2.59 0.00 | 42.40 3.42 0.00 | 42.96 3.45 0.00 | 54.57 4.20 0.00 | 48.24 3.59 0.00 | 41.77 3.06 0.00 | 32.03 2.37 0.00 | 27.30 1.92 0.00 | 29.13 2.04 0.00 | 26.18 1.79 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 28.49 1.30 0.00 | 25.89 1.19 0.00 | 26.12 1.16 0.00 | 35.26 1.43 0.00 | 32.69 1.40 0.00 | 42.03 2.02 0.00 | 36.95 2.11 0.00 | 37.17 2.53 0.00 | 34.58 2.43 0.00 | 32.99 2.73 3.78 | 11.03 1.96 15.05 | 25.68 1.88 -1.02 | 24.69 1.87 -0.38 | 27.21 1.91 -1.97 | 29.04 2.17 0.00 | 41.89 2.91 0.00 | 42.48 2.97 0.00 | 54.00 3.63 0.00 | 47.75 3.10 0.00 | 41.33 2.62 0.00 | 31.69 2.03 0.00 | 27.03 1.65 0.00 | 28.85 1.77 0.00 | 25.92 1.53 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 29.22 2.02 0.00 | 26.85 2.16 0.00 | 27.13 2.16 0.00 | 36.37 2.54 0.00 | 33.90 2.60 0.00 | 43.31 3.30 0.00 | 37.95 3.10 0.00 | 37.66 3.02 0.00 | 35.08 2.93 0.00 | 45.57 2.86 -8.67 | 64.63 2.23 -38.28 | 26.48 2.21 -1.50 | 25.24 2.40 -0.40 | 27.60 2.24 -2.02 | 29.14 2.27 0.00 | 41.77 2.79 0.00 | 41.82 2.32 0.00 | 52.55 2.17 0.00 | 40.41 2.18 6.41 | 41.41 2.22 -0.48 | 38.20 1.93 -6.61 | 26.53 1.15 0.00 | 28.37 1.28 0.00 | 25.63 1.24 0.00 |
| EAST_POINT___SOLAR 323840 | 28.78 1.59 0.00 | 26.09 1.40 0.00 | 26.39 1.43 0.00 | 35.74 1.91 0.00 | 33.13 1.83 0.00 | 42.50 2.50 0.00 | 37.17 2.32 0.00 | 37.10 2.46 0.00 | 34.17 2.02 0.00 | 35.75 1.70 0.00 | 24.87 0.79 0.04 | 23.32 0.59 0.05 | 22.98 0.55 0.02 | 23.66 0.41 0.09 | 27.36 0.49 0.00 | 40.49 1.50 0.00 | 42.21 2.70 0.00 | 54.21 3.84 0.00 | 48.05 3.41 0.00 | 41.69 2.97 0.00 | 31.78 2.12 0.00 | 27.20 1.82 0.00 | 28.93 1.84 0.00 | 26.02 1.63 0.00 |
| EAST_PULASKI___ESR 323781 | 26.62 -0.57 0.00 | 24.18 -0.51 0.00 | 24.40 -0.57 0.00 | 33.02 -0.82 0.00 | 30.73 -0.56 0.00 | 39.38 -0.62 0.00 | 34.25 -0.59 0.00 | 34.15 -0.49 0.00 | 31.57 -0.58 0.00 | 33.25 -0.79 0.00 | 23.48 -0.67 -0.02 | 22.14 -0.66 -0.03 | 21.78 -0.67 -0.01 | 22.77 -0.62 -0.05 | 26.25 -0.62 0.00 | 38.37 -0.61 0.00 | 38.98 -0.52 0.00 | 49.91 -0.46 0.00 | 44.23 -0.41 0.00 | 38.46 -0.25 0.00 | 29.40 -0.27 0.00 | 25.12 -0.26 0.00 | 26.79 -0.29 0.00 | 24.17 -0.22 0.00 |
| EAST_RIVER___1 323558 | 28.71 1.53 0.00 | 26.11 1.41 0.00 | 26.34 1.38 0.00 | 35.50 1.67 0.00 | 32.91 1.62 0.00 | 42.36 2.36 0.00 | 37.28 2.44 0.00 | 37.47 2.84 0.00 | 34.89 2.74 0.00 | 86.98 3.10 -49.84 | 241.34 2.24 -214.98 | 27.89 2.17 -2.94 | 24.99 2.15 -0.39 | 27.54 2.19 -2.02 | 29.34 2.47 0.00 | 42.24 3.26 0.00 | 42.79 3.28 0.00 | 54.38 4.01 0.00 | 48.06 3.42 0.00 | 41.63 2.91 0.00 | 31.93 2.27 0.00 | 27.21 1.84 0.00 | 29.04 1.95 0.00 | 26.10 1.70 0.00 |
| EAST_RIVER___2 323559 | 28.81 1.62 0.00 | 26.19 1.50 0.00 | 26.41 1.44 0.00 | 35.59 1.76 0.00 | 33.00 1.71 0.00 | 42.47 2.46 0.00 | 37.39 2.55 0.00 | 37.59 2.96 0.00 | 35.02 2.87 0.00 | 87.11 3.23 -49.84 | 241.45 2.34 -214.98 | 27.99 2.27 -2.94 | 25.10 2.26 -0.39 | 27.66 2.30 -2.02 | 29.46 2.59 0.00 | 42.40 3.42 0.00 | 42.96 3.45 0.00 | 54.57 4.20 0.00 | 48.24 3.59 0.00 | 41.77 3.06 0.00 | 32.03 2.37 0.00 | 27.30 1.92 0.00 | 29.13 2.04 0.00 | 26.18 1.79 0.00 |
| EAST___DELAWARE_HYD 23607 | 28.63 1.44 0.00 | 25.99 1.30 0.00 | 26.24 1.28 0.00 | 35.50 1.67 0.00 | 32.89 1.60 0.00 | 42.23 2.23 0.00 | 37.10 2.26 0.00 | 37.27 2.63 0.00 | 34.58 2.43 0.00 | 36.59 2.55 0.00 | 26.51 1.83 -0.57 | 25.15 1.74 -0.64 | 24.37 1.72 -0.21 | 26.24 1.82 -1.08 | 28.98 2.11 0.00 | 42.00 3.02 0.00 | 42.75 3.24 0.00 | 54.48 4.10 0.00 | 48.19 3.55 0.00 | 41.70 2.99 0.00 | 31.92 2.26 0.00 | 27.24 1.87 0.00 | 29.08 2.00 0.00 | 26.12 1.73 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 25.35 -1.85 0.00 | 22.91 -1.78 0.00 | 23.57 -1.39 0.00 | 31.59 -2.25 0.00 | 29.41 -1.89 0.00 | 38.05 -1.95 0.00 | 33.09 -1.75 0.00 | 33.26 -1.37 0.00 | 30.87 -1.28 0.00 | 32.58 -1.46 0.00 | 23.08 -1.11 -0.06 | 21.64 -1.21 -0.08 | 21.27 -1.19 -0.02 | 22.41 -1.05 -0.13 | 25.56 -1.31 0.00 | 37.17 -1.81 0.00 | 37.86 -1.64 0.00 | 48.67 -1.71 0.00 | 43.22 -1.42 0.00 | 37.61 -1.10 0.00 | 28.63 -1.03 0.00 | 24.90 -0.48 0.00 | 26.85 -0.24 0.00 | 24.48 0.09 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 26.85 -0.34 0.00 | 24.40 -0.29 0.00 | 24.66 -0.30 0.00 | 33.39 -0.44 0.00 | 30.94 -0.35 0.00 | 39.56 -0.44 0.00 | 34.35 -0.49 0.00 | 34.24 -0.40 0.00 | 31.76 -0.39 0.00 | 33.65 -0.39 0.00 | 23.85 -0.30 -0.03 | 22.54 -0.28 -0.04 | 22.15 -0.30 -0.01 | 23.07 -0.33 -0.07 | 26.50 -0.37 0.00 | 38.52 -0.47 0.00 | 39.00 -0.51 0.00 | 49.85 -0.53 0.00 | 44.14 -0.51 0.00 | 38.29 -0.42 0.00 | 29.30 -0.36 0.00 | 25.08 -0.30 0.00 | 26.76 -0.32 0.00 | 24.19 -0.20 0.00 |
| ELEC_TRO_TEK 24086 | 28.63 1.44 0.00 | 26.10 1.41 0.00 | 26.32 1.35 0.00 | 35.38 1.55 0.00 | 32.88 1.59 0.00 | 42.25 2.25 0.00 | 37.44 2.60 0.00 | 37.44 2.81 0.00 | 34.97 2.82 0.00 | 45.74 3.03 -8.67 | 64.64 2.24 -38.28 | 26.54 2.27 -1.50 | 25.11 2.27 -0.40 | 27.62 2.26 -2.02 | 29.39 2.52 0.00 | 42.35 3.36 0.00 | 42.92 3.41 0.00 | 54.56 4.19 0.00 | 64.76 3.67 -16.45 | 42.78 3.22 -0.85 | 44.70 2.52 -12.52 | 27.37 1.99 0.00 | 29.28 2.19 0.00 | 26.35 1.96 0.00 |

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| ELLENBURG_WT_PWR 323604 | 26.61 -0.59 0.00 | 23.98 -0.71 0.00 | 24.21 -0.76 0.00 | 32.13 -1.70 0.00 | 29.05 -2.24 0.00 | 37.29 -2.71 0.00 | 32.89 -1.95 0.00 | 32.42 -2.22 0.00 | 29.77 -2.38 0.00 | 31.56 -2.48 0.00 | 22.35 -1.77 0.00 | 21.22 -1.55 0.00 | 20.73 -1.71 0.00 | 21.79 -1.55 0.00 | 25.32 -1.55 0.00 | 36.45 -2.53 0.00 | 37.12 -2.38 0.00 | 48.24 -2.13 0.00 | 43.45 -1.20 0.00 | 38.12 -0.60 0.00 | 29.04 -0.61 0.00 | 24.61 -0.77 0.00 | 26.39 -0.69 0.00 | 23.87 -0.52 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 26.03 -1.16 0.00 | 23.65 -1.04 0.00 | 24.07 -0.89 0.00 | 32.10 -1.73 0.00 | 30.11 -1.18 0.00 | 38.63 -1.38 0.00 | 32.90 -1.94 0.00 | 32.56 -2.07 0.00 | 30.41 -1.73 0.00 | 32.71 -1.33 0.00 | 23.11 -1.06 -0.05 | 21.67 -1.16 -0.06 | 21.35 -1.11 -0.02 | 22.55 -0.88 -0.10 | 25.76 -1.11 0.00 | 37.01 -1.98 0.00 | 36.84 -2.66 0.00 | 47.28 -3.09 0.00 | 41.95 -2.69 0.00 | 36.55 -2.17 0.00 | 27.91 -1.75 0.00 | 24.22 -1.16 0.00 | 26.01 -1.08 0.00 | 23.79 -0.60 0.00 |
| EMPIRE_CC_1 323656 | 27.97 0.78 0.00 | 25.41 0.71 0.00 | 25.68 0.71 0.00 | 34.74 0.90 0.00 | 32.21 0.92 0.00 | 41.17 1.16 0.00 | 35.78 0.94 0.00 | 35.82 1.18 0.00 | 33.28 1.13 0.00 | 35.26 1.22 0.00 | 24.92 0.91 0.11 | 23.48 0.84 0.14 | 23.25 0.86 0.05 | 23.93 0.84 0.24 | 27.89 1.02 0.00 | 40.35 1.37 0.00 | 40.79 1.28 0.00 | 51.76 1.38 0.00 | 45.93 1.28 0.00 | 39.74 1.03 0.00 | 30.58 0.91 0.00 | 26.24 0.86 0.00 | 27.99 0.91 0.00 | 25.08 0.68 0.00 |
| EMPIRE_CC_2 323658 | 27.97 0.78 0.00 | 25.41 0.71 0.00 | 25.68 0.71 0.00 | 34.74 0.90 0.00 | 32.21 0.92 0.00 | 41.17 1.16 0.00 | 35.78 0.94 0.00 | 35.82 1.18 0.00 | 33.28 1.13 0.00 | 35.26 1.22 0.00 | 24.92 0.91 0.11 | 23.48 0.84 0.14 | 23.25 0.86 0.05 | 23.93 0.84 0.24 | 27.89 1.02 0.00 | 40.35 1.37 0.00 | 40.79 1.28 0.00 | 51.76 1.38 0.00 | 45.93 1.28 0.00 | 39.74 1.03 0.00 | 30.58 0.91 0.00 | 26.24 0.86 0.00 | 27.99 0.91 0.00 | 25.08 0.68 0.00 |
| ENORWICH_115KV_TB1 80156 | 28.63 1.43 0.00 | 26.14 1.45 0.00 | 26.45 1.48 0.00 | 35.66 1.83 0.00 | 33.17 1.88 0.00 | 42.63 2.62 0.00 | 37.24 2.40 0.00 | 37.40 2.77 0.00 | 34.39 2.24 0.00 | 36.23 2.19 0.00 | 25.74 1.53 -0.09 | 23.88 0.99 -0.12 | 23.21 0.73 -0.04 | 24.30 0.77 -0.20 | 27.73 0.86 0.00 | 40.64 1.65 0.00 | 41.77 2.26 0.00 | 53.69 3.32 0.00 | 47.51 2.87 0.00 | 41.32 2.60 0.00 | 31.65 1.98 0.00 | 27.10 1.72 0.00 | 29.05 1.96 0.00 | 26.14 1.75 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 26.80 -0.40 0.00 | 24.33 -0.36 0.00 | 24.77 -0.19 0.00 | 33.03 -0.81 0.00 | 30.98 -0.32 0.00 | 39.75 -0.25 0.00 | 33.85 -0.99 0.00 | 33.59 -1.05 0.00 | 31.38 -0.77 0.00 | 33.76 -0.28 0.00 | 23.88 -0.28 -0.05 | 22.40 -0.44 -0.06 | 22.07 -0.39 -0.02 | 23.30 -0.13 -0.10 | 26.67 -0.21 0.00 | 38.27 -0.71 0.00 | 38.10 -1.41 0.00 | 48.87 -1.50 0.00 | 43.34 -1.31 0.00 | 37.74 -0.97 0.00 | 28.78 -0.88 0.00 | 24.96 -0.42 0.00 | 26.86 -0.23 0.00 | 24.49 0.09 0.00 |
| ERIE_WT_PWR 323693 | 26.20 -0.99 0.00 | 23.80 -0.89 0.00 | 23.46 -0.73 0.78 | 32.31 -1.53 0.00 | 30.34 -0.96 0.00 | 38.94 -1.06 0.00 | 33.18 -1.66 0.00 | 32.91 -1.72 0.00 | 30.72 -1.43 0.00 | 33.07 -0.97 0.00 | 23.37 -0.79 -0.05 | 21.90 -0.93 -0.06 | 21.55 -0.91 -0.02 | 22.77 -0.66 -0.10 | 26.00 -0.87 0.00 | 37.36 -1.63 0.00 | 37.23 -2.27 0.00 | 47.80 -2.57 0.00 | 42.43 -2.22 0.00 | 36.97 -1.75 0.00 | 28.22 -1.44 0.00 | 24.43 -0.89 0.06 | 26.32 -0.77 0.00 | 24.04 -0.35 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 28.20 1.01 0.00 | 25.59 0.90 0.00 | 25.89 0.93 0.00 | 35.12 1.28 0.00 | 32.50 1.21 0.00 | 41.58 1.57 0.00 | 36.26 1.42 0.00 | 36.22 1.59 0.00 | 33.46 1.31 0.00 | 35.33 1.29 0.00 | 25.01 0.89 0.00 | 23.58 0.79 -0.02 | 23.19 0.74 -0.01 | 24.09 0.72 -0.03 | 27.68 0.81 0.00 | 40.27 1.29 0.00 | 41.18 1.68 0.00 | 52.80 2.42 0.00 | 46.81 2.17 0.00 | 40.68 1.97 0.00 | 31.02 1.36 0.00 | 26.55 1.17 0.00 | 28.34 1.25 0.00 | 25.57 1.18 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 27.45 0.26 0.00 | 24.94 0.25 0.00 | 25.24 0.27 0.00 | 34.13 0.30 0.00 | 31.67 0.37 0.00 | 40.59 0.58 0.00 | 35.33 0.49 0.00 | 35.32 0.68 0.00 | 32.75 0.60 0.00 | 34.62 0.58 0.00 | 24.54 0.35 -0.07 | 23.06 0.20 -0.08 | 22.58 0.11 -0.03 | 23.61 0.13 -0.14 | 27.07 0.19 0.00 | 39.45 0.46 0.00 | 40.15 0.64 0.00 | 51.39 1.02 0.00 | 45.51 0.87 0.00 | 39.50 0.78 0.00 | 30.20 0.54 0.00 | 25.86 0.48 0.00 | 27.62 0.54 0.00 | 24.91 0.52 0.00 |
| ETNA____115KV_TB2 80207 | 27.45 0.26 0.00 | 24.94 0.25 0.00 | 25.24 0.27 0.00 | 34.13 0.30 0.00 | 31.67 0.37 0.00 | 40.59 0.58 0.00 | 35.33 0.49 0.00 | 35.32 0.68 0.00 | 32.75 0.60 0.00 | 34.62 0.58 0.00 | 24.54 0.35 -0.07 | 23.06 0.20 -0.08 | 22.58 0.11 -0.03 | 23.61 0.13 -0.14 | 27.07 0.19 0.00 | 39.45 0.46 0.00 | 40.15 0.64 0.00 | 51.39 1.02 0.00 | 45.51 0.87 0.00 | 39.50 0.78 0.00 | 30.20 0.54 0.00 | 25.86 0.48 0.00 | 27.62 0.54 0.00 | 24.91 0.52 0.00 |
| EUCLID____115KV_TB2 356179 | 26.68 -0.51 0.00 | 24.24 -0.45 0.00 | 24.52 -0.44 0.00 | 33.17 -0.66 0.00 | 30.75 -0.55 0.00 | 39.27 -0.74 0.00 | 34.06 -0.78 0.00 | 33.95 -0.69 0.00 | 31.53 -0.62 0.00 | 33.40 -0.65 0.00 | 23.71 -0.44 -0.03 | 22.37 -0.44 -0.03 | 22.01 -0.44 -0.01 | 22.94 -0.45 -0.05 | 26.32 -0.55 0.00 | 38.22 -0.76 0.00 | 38.72 -0.78 0.00 | 49.43 -0.94 0.00 | 43.77 -0.87 0.00 | 37.96 -0.75 0.00 | 29.07 -0.59 0.00 | 24.91 -0.47 0.00 | 26.56 -0.52 0.00 | 23.99 -0.40 0.00 |
| E_CANADA_CAP_HY 24051 | 28.46 1.27 0.00 | 25.80 1.11 0.00 | 26.10 1.14 0.00 | 35.33 1.50 0.00 | 32.75 1.45 0.00 | 41.90 1.90 0.00 | 36.54 1.70 0.00 | 36.39 1.75 0.00 | 33.54 1.39 0.00 | 35.22 1.18 0.00 | 24.79 0.69 0.03 | 23.39 0.65 0.03 | 23.08 0.65 0.01 | 23.85 0.58 0.06 | 27.52 0.65 0.00 | 40.26 1.28 0.00 | 41.39 1.88 0.00 | 53.12 2.75 0.00 | 47.10 2.46 0.00 | 40.93 2.21 0.00 | 31.21 1.55 0.00 | 26.74 1.36 0.00 | 28.50 1.41 0.00 | 25.71 1.32 0.00 |
| E_CANADA_MHWK_HY 24050 | 27.51 0.32 0.00 | 25.01 0.32 0.00 | 25.24 0.27 0.00 | 34.25 0.42 0.00 | 31.65 0.36 0.00 | 40.60 0.60 0.00 | 35.52 0.68 0.00 | 35.32 0.68 0.00 | 32.80 0.65 0.00 | 34.39 0.35 0.00 | 24.23 0.11 0.00 | 22.86 0.08 0.00 | 22.51 0.07 0.00 | 23.30 -0.03 0.00 | 26.84 -0.03 0.00 | 39.47 0.49 0.00 | 40.22 0.71 0.00 | 51.36 0.98 0.00 | 45.49 0.85 0.00 | 39.41 0.69 0.00 | 30.32 0.66 0.00 | 25.95 0.58 0.00 | 27.70 0.62 0.00 | 24.70 0.31 0.00 |
| E_FISHKILL____LBMP 23776 | 28.33 1.14 0.00 | 25.73 1.04 0.00 | 25.97 1.01 0.00 | 35.09 1.26 0.00 | 32.52 1.23 0.00 | 41.78 1.78 0.00 | 36.72 1.87 0.00 | 36.93 2.29 0.00 | 34.34 2.20 0.00 | 38.56 2.44 -2.08 | 35.67 1.76 -9.79 | 25.90 1.67 -1.45 | 24.56 1.66 -0.46 | 27.37 1.69 -2.35 | 28.81 1.94 0.00 | 41.60 2.61 0.00 | 42.17 2.66 0.00 | 53.61 3.23 0.00 | 47.42 2.77 0.00 | 41.05 2.33 0.00 | 31.46 1.80 0.00 | 26.85 1.47 0.00 | 28.66 1.58 0.00 | 25.75 1.35 0.00 |
| FALCON____SEABRD_CC1 323796 | 26.82 -0.37 0.00 | 24.15 -0.54 0.00 | 24.35 -0.61 0.00 | 32.37 -1.46 0.00 | 29.27 -2.02 0.00 | 37.49 -2.51 0.00 | 33.13 -1.71 0.00 | 32.66 -1.97 0.00 | 30.01 -2.14 0.00 | 31.80 -2.23 0.00 | 22.51 -1.61 0.00 | 21.39 -1.39 0.00 | 20.91 -1.53 0.00 | 21.95 -1.38 0.00 | 25.48 -1.39 0.00 | 36.66 -2.32 0.00 | 37.33 -2.18 0.00 | 48.52 -1.85 0.00 | 43.74 -0.90 0.00 | 38.36 -0.35 0.00 | 29.22 -0.44 0.00 | 24.79 -0.59 0.00 | 26.53 -0.56 0.00 | 23.98 -0.42 0.00 |

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| FALCON___SEABRD_CC2 323797 | 26.82 -0.37 0.00 | 24.15 -0.54 0.00 | 24.35 -0.61 0.00 | 32.37 -1.46 0.00 | 29.27 -2.02 0.00 | 37.49 -2.51 0.00 | 33.13 -1.71 0.00 | 32.66 -1.97 0.00 | 30.01 -2.14 0.00 | 31.80 -2.23 0.00 | 22.51 -1.61 0.00 | 21.39 -1.39 0.00 | 20.91 -1.53 0.00 | 21.95 -1.38 0.00 | 25.48 -1.39 0.00 | 36.66 -2.32 0.00 | 37.33 -2.18 0.00 | 48.52 -1.85 0.00 | 43.74 -0.90 0.00 | 38.36 -0.35 0.00 | 29.22 -0.44 0.00 | 24.79 -0.59 0.00 | 26.53 -0.56 0.00 | 23.98 -0.42 0.00 |
| FAR ROCKAWAY___4 23548 | 28.93 1.74 0.00 | 26.36 1.67 0.00 | 26.57 1.60 0.00 | 35.73 1.90 0.00 | 33.21 1.92 0.00 | 42.68 2.67 0.00 | 37.83 2.99 0.00 | 37.82 3.18 0.00 | 35.30 3.14 0.00 | 46.08 3.37 -8.67 | 64.87 2.47 -38.28 | 26.79 2.52 -1.50 | 25.36 2.52 -0.40 | 27.88 2.52 -2.02 | 29.69 2.83 0.00 | 42.79 3.80 0.00 | 43.37 3.87 0.00 | 55.20 4.83 0.00 | 80.93 4.23 -32.05 | 43.22 3.71 -0.79 | 44.64 2.89 -12.09 | 27.69 2.31 0.00 | 29.61 2.52 0.00 | 26.63 2.24 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 28.72 1.53 0.00 | 26.11 1.42 0.00 | 26.34 1.37 0.00 | 35.50 1.67 0.00 | 32.92 1.63 0.00 | 42.36 2.36 0.00 | 37.27 2.43 0.00 | 37.47 2.83 0.00 | 34.88 2.73 0.00 | 117.64 3.10 -80.50 | 372.92 2.24 -346.56 | 28.96 2.16 -4.02 | 24.98 2.14 -0.39 | 27.54 2.18 -2.02 | 29.33 2.46 0.00 | 42.23 3.24 0.00 | 42.78 3.28 0.00 | 54.38 4.00 0.00 | 48.06 3.41 0.00 | 41.63 2.91 0.00 | 31.93 2.26 0.00 | 27.22 1.84 0.00 | 29.04 1.96 0.00 | 26.10 1.71 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 28.73 1.54 0.00 | 26.11 1.42 0.00 | 26.35 1.39 0.00 | 35.52 1.69 0.00 | 32.93 1.63 0.00 | 42.38 2.38 0.00 | 37.28 2.44 0.00 | 37.49 2.85 0.00 | 34.91 2.75 0.00 | 117.65 3.10 -80.50 | 372.92 2.24 -346.56 | 28.96 2.16 -4.02 | 24.98 2.15 -0.39 | 27.54 2.19 -2.02 | 29.34 2.47 0.00 | 42.24 3.26 0.00 | 42.79 3.29 0.00 | 54.39 4.02 0.00 | 48.07 3.43 0.00 | 41.64 2.93 0.00 | 31.94 2.27 0.00 | 27.23 1.85 0.00 | 29.05 1.96 0.00 | 26.11 1.72 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 28.70 1.51 0.00 | 26.09 1.40 0.00 | 26.33 1.36 0.00 | 35.50 1.67 0.00 | 32.91 1.62 0.00 | 42.35 2.34 0.00 | 37.26 2.42 0.00 | 37.46 2.82 0.00 | 34.87 2.73 0.00 | 117.62 3.08 -80.50 | 372.90 2.22 -346.56 | 28.94 2.14 -4.02 | 24.96 2.13 -0.39 | 27.52 2.17 -2.02 | 29.32 2.45 0.00 | 42.21 3.23 0.00 | 42.76 3.26 0.00 | 54.34 3.97 0.00 | 48.03 3.39 0.00 | 41.60 2.89 0.00 | 31.91 2.25 0.00 | 27.20 1.82 0.00 | 29.02 1.94 0.00 | 26.09 1.70 0.00 |
| FARRAGUT___LBMP 323566 | 28.69 1.50 0.00 | 26.08 1.39 0.00 | 26.31 1.35 0.00 | 35.47 1.64 0.00 | 32.88 1.59 0.00 | 42.32 2.31 0.00 | 37.23 2.39 0.00 | 37.43 2.79 0.00 | 34.84 2.69 0.00 | 117.59 3.04 -80.50 | 372.88 2.20 -346.56 | 28.92 2.12 -4.02 | 24.94 2.11 -0.39 | 27.50 2.15 -2.02 | 29.29 2.42 0.00 | 42.17 3.19 0.00 | 42.72 3.22 0.00 | 54.29 3.92 0.00 | 47.99 3.34 0.00 | 41.57 2.86 0.00 | 31.88 2.22 0.00 | 27.18 1.80 0.00 | 29.01 1.92 0.00 | 26.07 1.68 0.00 |
| FENNER___WINDPWR 24204 | 27.48 0.29 0.00 | 24.97 0.28 0.00 | 25.27 0.30 0.00 | 34.20 0.37 0.00 | 31.73 0.44 0.00 | 40.71 0.71 0.00 | 35.50 0.66 0.00 | 35.43 0.79 0.00 | 32.85 0.70 0.00 | 34.70 0.66 0.00 | 24.54 0.38 -0.04 | 23.10 0.27 -0.05 | 22.74 0.28 -0.02 | 23.73 0.32 -0.08 | 27.23 0.35 0.00 | 39.66 0.68 0.00 | 40.41 0.90 0.00 | 51.61 1.24 0.00 | 45.70 1.06 0.00 | 39.63 0.92 0.00 | 30.30 0.64 0.00 | 25.91 0.53 0.00 | 27.63 0.55 0.00 | 24.88 0.49 0.00 |
| FIBERTEK___ENERGY 23856 | 26.98 -0.20 0.00 | 24.51 -0.18 0.00 | 24.78 -0.18 0.00 | 33.53 -0.30 0.00 | 31.09 -0.20 0.00 | 39.74 -0.26 0.00 | 34.51 -0.33 0.00 | 34.41 -0.23 0.00 | 31.93 -0.22 0.00 | 33.81 -0.22 0.00 | 23.98 -0.17 -0.03 | 22.65 -0.17 -0.04 | 22.26 -0.19 -0.01 | 23.20 -0.20 -0.07 | 26.63 -0.24 0.00 | 38.73 -0.26 0.00 | 39.24 -0.27 0.00 | 50.14 -0.24 0.00 | 44.39 -0.26 0.00 | 38.49 -0.22 0.00 | 29.46 -0.20 0.00 | 25.23 -0.15 0.00 | 26.91 -0.17 0.00 | 24.30 -0.09 0.00 |
| FITZPATRICK____ 23598 | 26.35 -0.84 0.00 | 23.93 -0.76 0.00 | 24.21 -0.76 0.00 | 32.76 -1.07 0.00 | 30.32 -0.97 0.00 | 38.68 -1.33 0.00 | 33.54 -1.30 0.00 | 33.41 -1.23 0.00 | 31.01 -1.14 0.00 | 32.85 -1.19 0.00 | 23.30 -0.82 0.00 | 22.03 -0.77 -0.02 | 21.68 -0.77 -0.01 | 22.57 -0.80 -0.04 | 25.90 -0.97 0.00 | 37.60 -1.38 0.00 | 38.10 -1.41 0.00 | 48.62 -1.76 0.00 | 43.07 -1.57 0.00 | 37.37 -1.35 0.00 | 28.61 -1.05 0.00 | 24.51 -0.87 0.00 | 26.15 -0.94 0.00 | 23.62 -0.78 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 28.81 1.62 0.00 | 26.37 1.68 0.00 | 26.57 1.61 0.00 | 35.56 1.74 0.00 | 33.05 1.76 0.00 | 42.28 2.27 0.00 | 37.56 2.72 0.00 | 37.32 2.68 0.00 | 34.95 2.80 0.00 | 45.60 2.89 -8.67 | 64.59 2.19 -38.28 | 26.58 2.30 -1.50 | 25.17 2.33 -0.40 | 27.64 2.28 -2.02 | 29.35 2.48 0.00 | 42.43 3.45 0.00 | 43.00 3.50 0.00 | 54.56 4.19 0.00 | 42.21 3.86 6.30 | 42.65 3.45 -0.48 | 39.10 2.79 -6.65 | 27.45 2.07 0.00 | 29.37 2.29 0.00 | 26.50 2.11 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 28.59 1.40 0.00 | 25.95 1.26 0.00 | 26.20 1.24 0.00 | 35.42 1.59 0.00 | 32.83 1.54 0.00 | 42.19 2.18 0.00 | 37.09 2.25 0.00 | 37.33 2.69 0.00 | 34.68 2.53 0.00 | 36.76 2.72 0.00 | 26.80 1.94 -0.74 | 25.37 1.83 -0.77 | 24.50 1.80 -0.26 | 26.52 1.87 -1.31 | 29.05 2.18 0.00 | 42.01 3.02 0.00 | 42.63 3.12 0.00 | 54.24 3.87 0.00 | 47.97 3.33 0.00 | 41.52 2.80 0.00 | 31.79 2.13 0.00 | 27.13 1.75 0.00 | 28.94 1.85 0.00 | 25.97 1.58 0.00 |
| FORT ORANGE____ 23900 | 27.70 0.51 0.00 | 25.16 0.47 0.00 | 25.43 0.47 0.00 | 34.50 0.67 0.00 | 31.92 0.64 0.00 | 40.84 0.84 0.00 | 35.68 0.84 0.00 | 35.71 1.08 0.00 | 33.15 1.01 0.00 | 35.02 0.98 0.00 | 24.73 0.67 0.06 | 23.34 0.65 0.08 | 23.04 0.63 0.03 | 23.80 0.61 0.14 | 27.63 0.76 0.00 | 40.14 1.15 0.00 | 40.67 1.16 0.00 | 51.73 1.36 0.00 | 45.86 1.22 0.00 | 39.68 0.97 0.00 | 30.47 0.81 0.00 | 26.07 0.69 0.00 | 27.78 0.70 0.00 | 24.90 0.51 0.00 |
| FORT_DRUM_COGEN 23780 | 26.65 -0.54 0.00 | 24.22 -0.47 0.00 | 24.24 -0.72 0.00 | 32.84 -0.99 0.00 | 30.89 -0.41 0.00 | 40.02 0.01 0.00 | 35.11 0.27 0.00 | 35.01 0.37 0.00 | 31.98 -0.17 0.00 | 33.16 -0.88 0.00 | 23.08 -1.04 0.00 | 21.76 -1.04 -0.02 | 21.37 -1.08 -0.01 | 22.55 -0.81 -0.04 | 26.44 -0.44 0.00 | 39.32 0.34 0.00 | 40.38 0.87 0.00 | 51.98 1.61 0.00 | 46.11 1.46 0.00 | 40.08 1.37 0.00 | 30.49 0.83 0.00 | 25.83 0.45 0.00 | 27.61 0.52 0.00 | 24.86 0.46 0.00 |
| FOX_HILLS___ESR 323835 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.47 0.00 | 35.63 1.80 0.00 | 33.05 1.75 0.00 | 42.58 2.57 0.00 | 37.45 2.61 0.00 | 37.66 3.02 0.00 | 35.05 2.90 0.00 | 117.80 3.26 -80.50 | 373.06 2.39 -346.55 | 29.07 2.27 -4.02 | 24.96 2.12 -0.39 | 27.51 2.16 -2.02 | 29.31 2.44 0.00 | 42.21 3.23 0.00 | 42.78 3.27 0.00 | 54.37 3.99 0.00 | 48.04 3.40 0.00 | 41.69 2.98 0.00 | 31.98 2.32 0.00 | 27.25 1.87 0.00 | 29.10 2.02 0.00 | 26.18 1.79 0.00 |
| FPL FAR_ROCK_GT1 24212 | 28.93 1.74 0.00 | 26.36 1.67 0.00 | 26.57 1.60 0.00 | 35.73 1.90 0.00 | 33.21 1.93 0.00 | 42.67 2.67 0.00 | 37.84 3.00 0.00 | 37.82 3.18 0.00 | 35.29 3.14 0.00 | 46.08 3.37 -8.67 | 64.88 2.48 -38.28 | 26.78 2.51 -1.50 | 25.36 2.52 -0.40 | 27.88 2.52 -2.02 | 29.70 2.83 0.00 | 42.79 3.81 0.00 | 43.37 3.86 0.00 | 55.19 4.81 0.00 | 80.91 4.22 -32.05 | 43.21 3.71 -0.79 | 44.64 2.88 -12.09 | 27.70 2.31 0.00 | 29.60 2.52 0.00 | 26.63 2.24 0.00 |

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| FPL FAR_ROCK_GT2 23815 | 28.93 1.74 0.00 | 26.36 1.67 0.00 | 26.57 1.60 0.00 | 35.73 1.90 0.00 | 33.21 1.93 0.00 | 42.67 2.67 0.00 | 37.84 3.00 0.00 | 37.82 3.18 0.00 | 35.29 3.14 0.00 | 46.08 3.37 -8.67 | 64.88 2.48 -38.28 | 26.78 2.51 -1.50 | 25.36 2.52 -0.40 | 27.88 2.52 -2.02 | 29.70 2.83 0.00 | 42.79 3.81 0.00 | 43.37 3.86 0.00 | 55.19 4.81 0.00 | 80.91 4.22 -32.05 | 43.21 3.71 -0.79 | 44.64 2.88 -12.09 | 27.70 2.31 0.00 | 29.60 2.52 0.00 | 26.63 2.24 0.00 |
| FRANKLIN_FALL_HYD 24054 | 26.89 -0.29 0.00 | 24.27 -0.42 0.00 | 24.49 -0.48 0.00 | 32.54 -1.30 0.00 | 29.50 -1.79 0.00 | 37.95 -2.06 0.00 | 33.43 -1.41 0.00 | 33.01 -1.63 0.00 | 30.28 -1.87 0.00 | 32.15 -1.89 0.00 | 22.71 -1.41 0.00 | 21.56 -1.22 0.00 | 21.10 -1.34 0.00 | 22.21 -1.12 0.00 | 25.83 -1.04 0.00 | 37.19 -1.80 0.00 | 38.02 -1.49 0.00 | 49.49 -0.88 0.00 | 44.47 -0.17 0.00 | 38.95 0.24 0.00 | 29.64 -0.02 0.00 | 25.11 -0.27 0.00 | 26.83 -0.26 0.00 | 24.22 -0.17 0.00 |
| FREEPORT_EQUUS_GT1 23764 | 28.75 1.56 0.00 | 26.22 1.52 0.00 | 26.43 1.46 0.00 | 35.51 1.67 0.00 | 32.99 1.70 0.00 | 42.39 2.39 0.00 | 37.63 2.78 0.00 | 37.61 2.97 0.00 | 35.12 2.97 0.00 | 45.85 3.14 -8.67 | 64.72 2.32 -38.28 | 26.63 2.36 -1.50 | 25.20 2.36 -0.40 | 27.72 2.36 -2.02 | 29.50 2.63 0.00 | 42.49 3.51 0.00 | 43.06 3.56 0.00 | 54.79 4.42 0.00 | 58.10 3.88 -9.57 | 42.82 3.46 -0.65 | 41.82 2.71 -9.45 | 27.52 2.14 0.00 | 29.44 2.35 0.00 | 26.49 2.10 0.00 |
| FREEPORT___CT2 23818 | 28.75 1.56 0.00 | 26.22 1.52 0.00 | 26.43 1.46 0.00 | 35.51 1.67 0.00 | 32.99 1.70 0.00 | 42.39 2.39 0.00 | 37.63 2.78 0.00 | 37.61 2.97 0.00 | 35.12 2.97 0.00 | 45.85 3.14 -8.67 | 64.72 2.32 -38.28 | 26.63 2.36 -1.50 | 25.20 2.36 -0.40 | 27.72 2.36 -2.02 | 29.50 2.63 0.00 | 42.49 3.51 0.00 | 43.06 3.56 0.00 | 54.79 4.42 0.00 | 58.10 3.88 -9.57 | 42.82 3.46 -0.65 | 41.82 2.71 -9.45 | 27.52 2.14 0.00 | 29.44 2.35 0.00 | 26.49 2.10 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 28.83 1.64 0.00 | 26.23 1.54 0.00 | 26.47 1.50 0.00 | 35.68 1.85 0.00 | 33.10 1.81 0.00 | 42.67 2.66 0.00 | 37.51 2.67 0.00 | 37.71 3.07 0.00 | 35.09 2.94 0.00 | 117.82 3.28 -80.50 | 373.07 2.40 -346.55 | 29.06 2.27 -4.02 | 24.90 2.07 -0.39 | 27.46 2.11 -2.02 | 29.26 2.39 0.00 | 42.17 3.19 0.00 | 42.77 3.26 0.00 | 54.36 3.99 0.00 | 48.04 3.39 0.00 | 41.70 2.99 0.00 | 31.97 2.31 0.00 | 27.25 1.87 0.00 | 29.10 2.02 0.00 | 26.18 1.79 0.00 |
| FULTON COGEN____ 23766 | 26.60 -0.59 0.00 | 24.17 -0.53 0.00 | 24.46 -0.50 0.00 | 33.10 -0.73 0.00 | 30.68 -0.61 0.00 | 39.18 -0.82 0.00 | 34.01 -0.84 0.00 | 33.90 -0.73 0.00 | 31.47 -0.68 0.00 | 33.28 -0.76 0.00 | 23.64 -0.51 -0.03 | 22.29 -0.52 -0.03 | 21.94 -0.51 -0.01 | 22.87 -0.52 -0.05 | 26.19 -0.68 0.00 | 38.08 -0.90 0.00 | 38.65 -0.85 0.00 | 49.37 -1.00 0.00 | 43.73 -0.92 0.00 | 37.93 -0.79 0.00 | 29.03 -0.63 0.00 | 24.87 -0.51 0.00 | 26.51 -0.58 0.00 | 23.93 -0.46 0.00 |
| FULTON___LFGE 323630 | 28.58 1.39 0.00 | 25.92 1.23 0.00 | 26.21 1.24 0.00 | 35.50 1.67 0.00 | 32.89 1.60 0.00 | 42.14 2.14 0.00 | 36.85 2.01 0.00 | 36.79 2.16 0.00 | 33.90 1.75 0.00 | 35.17 1.12 0.00 | 24.69 0.61 0.04 | 23.30 0.58 0.06 | 23.07 0.65 0.02 | 23.75 0.51 0.09 | 27.53 0.66 0.00 | 40.56 1.58 0.00 | 41.92 2.41 0.00 | 53.72 3.35 0.00 | 47.59 2.94 0.00 | 41.29 2.58 0.00 | 31.52 1.86 0.00 | 26.98 1.60 0.00 | 28.71 1.62 0.00 | 25.81 1.42 0.00 |
| G.F.CEMENT___DRP 24184 | 29.05 1.86 0.00 | 26.35 1.66 0.00 | 26.63 1.67 0.00 | 35.99 2.16 0.00 | 33.42 2.13 0.00 | 42.88 2.88 0.00 | 37.60 2.76 0.00 | 37.50 2.87 0.00 | 34.87 2.72 0.00 | 36.68 2.64 0.00 | 25.80 1.75 0.07 | 24.28 1.60 0.09 | 24.04 1.63 0.03 | 24.93 1.75 0.16 | 29.01 2.14 0.00 | 42.30 3.31 0.00 | 42.86 3.35 0.00 | 54.66 4.29 0.00 | 48.24 3.60 0.00 | 41.72 3.01 0.00 | 32.03 2.37 0.00 | 27.41 2.03 0.00 | 29.24 2.16 0.00 | 26.13 1.74 0.00 |
| GARDENVILLE___LBMP 24039 | 26.11 -1.08 0.00 | 23.72 -0.97 0.00 | 24.16 -0.80 0.00 | 32.23 -1.61 0.00 | 30.23 -1.06 0.00 | 38.80 -1.21 0.00 | 33.07 -1.78 0.00 | 32.76 -1.88 0.00 | 30.59 -1.56 0.00 | 32.89 -1.16 0.00 | 23.23 -0.94 -0.05 | 21.78 -1.05 -0.06 | 21.46 -1.01 -0.02 | 22.67 -0.77 -0.10 | 25.90 -0.97 0.00 | 37.22 -1.76 0.00 | 37.09 -2.41 0.00 | 47.59 -2.79 0.00 | 42.24 -2.41 0.00 | 36.79 -1.92 0.00 | 28.08 -1.58 0.00 | 24.37 -1.01 0.00 | 26.19 -0.89 0.00 | 23.94 -0.45 0.00 |
| GARDNVLA_35_KV_LD 355827 | 26.24 -0.95 0.00 | 23.84 -0.85 0.00 | 24.28 -0.69 0.00 | 32.37 -1.46 0.00 | 30.38 -0.91 0.00 | 38.98 -1.02 0.00 | 33.24 -1.60 0.00 | 32.95 -1.69 0.00 | 30.76 -1.39 0.00 | 33.08 -0.96 0.00 | 23.35 -0.81 -0.05 | 21.90 -0.93 -0.06 | 21.57 -0.89 -0.02 | 22.79 -0.64 -0.10 | 26.05 -0.82 0.00 | 37.43 -1.55 0.00 | 37.30 -2.21 0.00 | 47.88 -2.50 0.00 | 42.49 -2.15 0.00 | 37.01 -1.70 0.00 | 28.26 -1.40 0.00 | 24.51 -0.87 0.00 | 26.34 -0.75 0.00 | 24.06 -0.33 0.00 |
| GELCKHM__115KV_LOAD 80723 | 26.80 -0.39 0.00 | 24.34 -0.35 0.00 | 24.62 -0.34 0.00 | 33.31 -0.53 0.00 | 30.87 -0.42 0.00 | 39.44 -0.57 0.00 | 34.23 -0.61 0.00 | 34.12 -0.51 0.00 | 31.68 -0.47 0.00 | 33.55 -0.49 0.00 | 23.81 -0.34 -0.03 | 22.48 -0.34 -0.03 | 22.11 -0.35 -0.01 | 23.04 -0.35 -0.06 | 26.44 -0.44 0.00 | 38.42 -0.56 0.00 | 38.93 -0.58 0.00 | 49.71 -0.66 0.00 | 44.02 -0.62 0.00 | 38.18 -0.54 0.00 | 29.22 -0.44 0.00 | 25.03 -0.35 0.00 | 26.69 -0.39 0.00 | 24.10 -0.29 0.00 |
| GENERAL___MILLS 23808 | 26.21 -0.98 0.00 | 23.82 -0.88 0.00 | 24.25 -0.72 0.00 | 32.34 -1.49 0.00 | 30.35 -0.95 0.00 | 38.94 -1.06 0.00 | 33.19 -1.65 0.00 | 32.89 -1.75 0.00 | 30.71 -1.44 0.00 | 33.02 -1.02 -0.05 | 23.32 -0.84 -0.05 | 21.87 -0.97 -0.06 | 21.54 -0.92 -0.02 | 22.76 -0.68 -0.10 | 26.01 -0.86 0.00 | 37.37 -1.62 0.00 | 37.23 -2.27 0.00 | 47.78 -2.59 0.00 | 42.40 -2.24 0.00 | 36.94 -1.78 0.00 | 28.20 -1.46 0.00 | 24.47 -0.90 0.00 | 26.30 -0.78 0.00 | 24.03 -0.36 0.00 |
| GE_PLASTICS___DRP 24183 | 27.65 0.46 0.00 | 25.11 0.42 0.00 | 25.39 0.42 0.00 | 34.46 0.63 0.00 | 31.86 0.56 0.00 | 40.74 0.73 0.00 | 35.56 0.72 0.00 | 35.59 0.95 0.00 | 33.04 0.89 0.00 | 34.97 0.93 0.00 | 24.70 0.65 0.07 | 23.32 0.63 0.09 | 23.03 0.62 0.03 | 23.80 0.62 0.15 | 27.61 0.73 0.00 | 40.04 1.06 0.00 | 40.53 1.03 0.00 | 51.53 1.16 0.00 | 45.68 1.04 0.00 | 39.55 0.84 0.00 | 30.36 0.70 0.00 | 25.99 0.61 0.00 | 27.72 0.63 0.00 | 24.87 0.48 0.00 |
| GILBOA___1 23756 | 27.76 0.57 0.00 | 25.20 0.51 0.00 | 25.50 0.53 0.00 | 34.95 1.11 0.00 | 32.10 0.80 0.00 | 40.86 0.86 0.00 | 35.71 0.87 0.00 | 35.74 1.10 0.00 | 33.19 1.04 0.00 | 35.17 1.13 0.00 | 24.93 0.81 0.00 | 23.55 0.78 0.00 | 23.22 0.77 0.00 | 24.12 0.79 0.00 | 27.79 0.92 0.00 | 40.23 1.25 0.00 | 40.67 1.17 0.00 | 51.64 1.27 0.00 | 45.86 1.21 0.00 | 39.78 1.07 0.00 | 30.51 0.85 0.00 | 26.11 0.73 0.00 | 27.89 0.80 0.00 | 25.05 0.66 0.00 |
| GILBOA___2 23757 | 27.76 0.57 0.00 | 25.20 0.51 0.00 | 25.50 0.53 0.00 | 34.95 1.11 0.00 | 32.10 0.80 0.00 | 40.86 0.86 0.00 | 35.71 0.87 0.00 | 35.74 1.10 0.00 | 33.19 1.04 0.00 | 35.17 1.13 0.00 | 24.93 0.81 0.00 | 23.55 0.78 0.00 | 23.22 0.77 0.00 | 24.12 0.79 0.00 | 27.79 0.92 0.00 | 40.23 1.25 0.00 | 40.67 1.17 0.00 | 51.64 1.27 0.00 | 45.86 1.21 0.00 | 39.78 1.07 0.00 | 30.51 0.85 0.00 | 26.11 0.73 0.00 | 27.89 0.80 0.00 | 25.05 0.66 0.00 |

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| GILBOA___3 23758 | 27.76 0.57 0.00 | 25.20 0.51 0.00 | 25.50 0.53 0.00 | 34.95 1.11 0.00 | 32.10 0.80 0.00 | 40.86 0.86 0.00 | 35.71 0.87 0.00 | 35.74 1.10 0.00 | 33.19 1.04 0.00 | 35.17 1.13 0.00 | 24.93 0.81 0.00 | 23.55 0.78 0.00 | 23.22 0.77 0.00 | 24.12 0.79 0.00 | 27.79 0.92 0.00 | 40.23 1.25 0.00 | 40.67 1.17 0.00 | 51.64 1.27 0.00 | 45.86 1.21 0.00 | 39.78 1.07 0.00 | 30.51 0.85 0.00 | 26.11 0.73 0.00 | 27.89 0.80 0.00 | 25.05 0.66 0.00 |
| GILBOA___4 23759 | 27.76 0.57 0.00 | 25.20 0.51 0.00 | 25.50 0.53 0.00 | 34.95 1.11 0.00 | 32.10 0.80 0.00 | 40.86 0.86 0.00 | 35.71 0.87 0.00 | 35.74 1.10 0.00 | 33.19 1.04 0.00 | 35.17 1.13 0.00 | 24.93 0.81 0.00 | 23.55 0.78 0.00 | 23.22 0.77 0.00 | 24.12 0.79 0.00 | 27.79 0.92 0.00 | 40.23 1.25 0.00 | 40.67 1.17 0.00 | 51.64 1.27 0.00 | 45.86 1.21 0.00 | 39.78 1.07 0.00 | 30.51 0.85 0.00 | 26.11 0.73 0.00 | 27.89 0.80 0.00 | 25.05 0.66 0.00 |
| GILBOA___ 23599 | 27.76 0.57 0.00 | 25.20 0.51 0.00 | 25.50 0.54 0.00 | 34.95 1.11 0.00 | 32.10 0.80 0.00 | 40.86 0.86 0.00 | 35.71 0.87 0.00 | 35.74 1.11 0.00 | 33.20 1.04 0.00 | 35.17 1.13 0.00 | 24.93 0.81 0.00 | 23.55 0.78 0.00 | 23.22 0.77 0.00 | 24.12 0.79 0.00 | 27.79 0.92 0.00 | 40.23 1.25 0.00 | 40.67 1.17 0.00 | 51.64 1.26 0.00 | 45.86 1.21 0.00 | 39.78 1.07 0.00 | 30.51 0.85 0.00 | 26.11 0.73 0.00 | 27.89 0.80 0.00 | 25.06 0.66 0.00 |
| GINNA___ 23603 | 25.29 -1.90 0.00 | 22.97 -1.73 0.00 | 23.00 -1.68 0.29 | 31.32 -2.51 0.00 | 29.16 -2.14 0.00 | 37.37 -2.63 0.00 | 32.23 -2.61 0.00 | 32.04 -2.60 0.00 | 29.76 -2.39 0.00 | 31.68 -2.36 0.00 | 22.46 -1.69 -0.03 | 21.12 -1.70 -0.04 | 20.75 -1.70 -0.01 | 21.66 -1.75 -0.07 | 24.94 -1.93 0.00 | 36.20 -2.79 0.00 | 36.44 -3.07 0.00 | 46.69 -3.68 0.00 | 41.38 -3.27 0.00 | 35.94 -2.78 0.00 | 27.43 -2.23 0.00 | 23.55 -1.81 0.02 | 25.14 -1.94 0.00 | 22.81 -1.58 0.00 |
| GLEN PARK___ 23778 | 26.76 -0.43 0.00 | 24.32 -0.37 0.00 | 24.35 -0.61 0.00 | 32.97 -0.86 0.00 | 31.03 -0.26 0.00 | 40.24 0.24 0.00 | 35.31 0.46 0.00 | 35.22 0.58 0.00 | 32.17 0.02 0.00 | 33.29 -0.75 0.00 | 23.15 -0.97 0.00 | 21.81 -0.99 0.00 | 21.45 -1.00 -0.01 | 22.68 -0.69 -0.04 | 26.54 -0.33 0.00 | 39.55 0.57 0.00 | 40.60 1.09 0.00 | 52.31 1.94 0.00 | 46.38 1.73 0.00 | 40.32 1.60 0.00 | 30.66 1.00 0.00 | 26.00 0.62 0.00 | 27.77 0.68 0.00 | 24.99 0.60 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 28.81 1.62 0.00 | 26.19 1.50 0.00 | 26.40 1.44 0.00 | 35.57 1.74 0.00 | 32.99 1.70 0.00 | 42.46 2.46 0.00 | 37.37 2.53 0.00 | 37.59 2.95 0.00 | 35.02 2.87 0.00 | 116.43 3.24 -79.15 | 367.22 2.36 -340.73 | 29.04 2.29 -3.98 | 25.07 2.24 -0.39 | 27.63 2.27 -2.02 | 29.44 2.57 0.00 | 42.36 3.38 0.00 | 42.90 3.40 0.00 | 54.51 4.14 0.00 | 48.17 3.53 0.00 | 41.76 3.05 0.00 | 32.05 2.39 0.00 | 27.29 1.91 0.00 | 29.11 2.03 0.00 | 26.20 1.80 0.00 |
| GLENWOOD_IC_1_G5 23712 | 28.70 1.51 0.00 | 26.13 1.44 0.00 | 26.36 1.40 0.00 | 35.49 1.66 0.00 | 32.95 1.65 0.00 | 42.34 2.34 0.00 | 37.43 2.59 0.00 | 37.53 2.89 0.00 | 35.00 2.85 0.00 | 45.81 3.11 -8.67 | 64.67 2.27 -38.28 | 26.53 2.25 -1.50 | 25.09 2.25 -0.40 | 27.63 2.28 -2.02 | 29.42 2.55 0.00 | 42.41 3.43 0.00 | 42.98 3.47 0.00 | 54.66 4.28 0.00 | 60.62 3.71 -12.27 | 42.74 3.20 -0.83 | 44.27 2.50 -12.11 | 27.38 2.00 0.00 | 29.25 2.16 0.00 | 26.30 1.91 0.00 |
| GLENWOOD_IC_2_G1 23688 | 28.61 1.42 0.00 | 26.03 1.33 0.00 | 26.26 1.30 0.00 | 35.38 1.55 0.00 | 32.83 1.54 0.00 | 42.19 2.19 0.00 | 37.23 2.39 0.00 | 37.36 2.73 0.00 | 34.82 2.67 0.00 | 45.65 2.94 -8.67 | 64.54 2.15 -38.28 | 26.38 2.10 -1.49 | 24.93 2.10 -0.39 | 27.48 2.12 -2.02 | 29.25 2.38 0.00 | 42.18 3.19 0.00 | 42.75 3.24 0.00 | 54.35 3.98 0.00 | 48.59 3.42 -0.52 | 41.70 2.95 -0.04 | 32.47 2.30 -0.51 | 27.22 1.84 0.00 | 29.07 1.99 0.00 | 26.14 1.75 0.00 |
| GLENWOOD_IC_3_G1 23689 | 28.61 1.42 0.00 | 26.03 1.33 0.00 | 26.26 1.30 0.00 | 35.38 1.55 0.00 | 32.83 1.54 0.00 | 42.19 2.19 0.00 | 37.23 2.39 0.00 | 37.36 2.73 0.00 | 34.82 2.67 0.00 | 45.65 2.94 -8.67 | 64.54 2.15 -38.28 | 26.38 2.10 -1.49 | 24.93 2.10 -0.39 | 27.48 2.12 -2.02 | 29.25 2.38 0.00 | 42.18 3.19 0.00 | 42.75 3.24 0.00 | 54.35 3.98 0.00 | 48.59 3.42 -0.52 | 41.70 2.95 -0.04 | 32.47 2.30 -0.51 | 27.22 1.84 0.00 | 29.07 1.99 0.00 | 26.14 1.75 0.00 |
| GLENWOOD___4 23550 | 28.70 1.51 0.00 | 26.13 1.44 0.00 | 26.36 1.40 0.00 | 35.49 1.66 0.00 | 32.95 1.65 0.00 | 42.34 2.34 0.00 | 37.43 2.59 0.00 | 37.53 2.89 0.00 | 35.00 2.85 0.00 | 45.81 3.11 -8.67 | 64.67 2.27 -38.28 | 26.53 2.25 -1.50 | 25.09 2.25 -0.40 | 27.63 2.28 -2.02 | 29.42 2.55 0.00 | 42.41 3.43 0.00 | 42.98 3.47 0.00 | 54.66 4.28 0.00 | 60.62 3.71 -12.27 | 42.74 3.20 -0.83 | 44.27 2.50 -12.11 | 27.38 2.00 0.00 | 29.25 2.16 0.00 | 26.30 1.91 0.00 |
| GLENWOOD___5 23614 | 28.70 1.51 0.00 | 26.13 1.44 0.00 | 26.36 1.40 0.00 | 35.49 1.66 0.00 | 32.95 1.65 0.00 | 42.34 2.34 0.00 | 37.43 2.59 0.00 | 37.53 2.89 0.00 | 35.00 2.85 0.00 | 45.81 3.11 -8.67 | 64.67 2.27 -38.28 | 26.53 2.25 -1.50 | 25.09 2.25 -0.40 | 27.63 2.28 -2.02 | 29.42 2.55 0.00 | 42.41 3.43 0.00 | 42.98 3.47 0.00 | 54.66 4.28 0.00 | 60.62 3.71 -12.27 | 42.74 3.20 -0.83 | 44.27 2.50 -12.11 | 27.38 2.00 0.00 | 29.25 2.16 0.00 | 26.30 1.91 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 29.26 2.07 0.00 | 26.87 2.17 0.00 | 27.13 2.17 0.00 | 36.34 2.50 0.00 | 33.88 2.58 0.00 | 43.28 3.27 0.00 | 38.04 3.20 0.00 | 37.71 3.07 0.00 | 35.19 3.04 0.00 | 45.70 2.99 -8.67 | 64.70 2.30 -38.28 | 26.59 2.32 -1.50 | 25.30 2.46 -0.40 | 27.70 2.35 -2.02 | 29.30 2.43 0.00 | 42.21 3.22 0.00 | 42.41 2.90 0.00 | 53.39 3.01 0.00 | 41.14 2.91 6.41 | 42.03 2.84 -0.48 | 38.67 2.40 -6.61 | 26.94 1.56 0.00 | 28.81 1.72 0.00 | 26.03 1.64 0.00 |
| GLOBE___DSASP 323697 | 25.34 -1.85 0.00 | 23.02 -1.67 0.00 | 23.43 -1.53 0.00 | 31.20 -2.63 0.00 | 29.23 -2.07 0.00 | 37.48 -2.52 0.00 | 31.75 -3.09 0.00 | 31.31 -3.33 0.00 | 29.26 -2.89 0.00 | 31.49 -2.55 0.00 | 22.30 -1.87 -0.04 | 20.91 -1.92 -0.05 | 20.60 -1.86 -0.02 | 21.75 -1.68 -0.09 | 24.83 -2.04 0.00 | 35.61 -3.37 0.00 | 35.32 -4.19 0.00 | 45.32 -5.06 0.00 | 40.24 -4.40 0.00 | 35.09 -3.63 0.00 | 26.82 -2.84 0.00 | 23.30 -2.08 0.00 | 25.02 -2.07 0.00 | 23.06 -1.33 0.00 |
| GOETHSLN___LBMP 323567 | 28.65 1.46 0.00 | 26.05 1.35 0.00 | 26.28 1.31 0.00 | 35.42 1.59 0.00 | 32.83 1.54 0.00 | 42.24 2.23 0.00 | 37.14 2.30 0.00 | 37.33 2.69 0.00 | 34.75 2.60 0.00 | 117.47 2.93 -80.50 | 372.81 2.13 -346.56 | 28.84 2.05 -4.02 | 24.87 2.04 -0.39 | 27.44 2.09 -2.02 | 29.22 2.35 0.00 | 42.08 3.09 0.00 | 42.65 3.14 0.00 | 54.19 3.82 0.00 | 47.89 3.25 0.00 | 41.47 2.75 0.00 | 31.81 2.15 0.00 | 27.12 1.74 0.00 | 28.95 1.87 0.00 | 26.04 1.65 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 26.45 -0.74 0.00 | 24.02 -0.67 0.00 | 24.37 -0.60 0.00 | 32.68 -1.16 0.00 | 30.49 -0.80 0.00 | 39.13 -0.87 0.00 | 33.60 -1.25 0.00 | 33.37 -1.27 0.00 | 31.04 -1.11 0.00 | 33.06 -0.98 0.00 | 23.41 -0.74 -0.04 | 21.97 -0.85 -0.04 | 21.61 -0.84 -0.02 | 22.68 -0.73 -0.08 | 26.01 -0.86 0.00 | 37.64 -1.34 0.00 | 37.87 -1.64 0.00 | 48.66 -1.71 0.00 | 43.14 -1.51 0.00 | 37.49 -1.23 0.00 | 28.61 -1.05 0.00 | 24.66 -0.72 0.00 | 26.33 -0.75 0.00 | 23.93 -0.46 0.00 |

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| GOODYEAR_LAKE_HYD 323669 | 28.04 0.85 0.00 | 25.47 0.78 0.00 | 25.77 0.80 0.00 | 35.00 1.17 0.00 | 32.35 1.06 0.00 | 41.40 1.40 0.00 | 36.15 1.31 0.00 | 36.16 1.53 0.00 | 33.50 1.35 0.00 | 35.48 1.44 0.00 | 25.26 1.05 -0.10 | 23.85 0.96 -0.12 | 23.39 0.91 -0.04 | 24.46 0.92 -0.21 | 27.93 1.05 0.00 | 40.51 1.52 0.00 | 41.19 1.68 0.00 | 52.58 2.21 0.00 | 46.60 1.96 0.00 | 40.45 1.74 0.00 | 30.93 1.27 0.00 | 26.47 1.09 0.00 | 28.25 1.17 0.00 | 25.44 1.05 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 27.33 0.14 0.00 | 24.81 0.12 0.00 | 25.13 0.17 0.00 | 33.99 0.16 0.00 | 31.52 0.23 0.00 | 40.45 0.45 0.00 | 35.11 0.27 0.00 | 35.13 0.49 0.00 | 32.65 0.50 0.00 | 34.60 0.56 0.00 | 24.57 0.35 -0.10 | 23.22 0.32 -0.12 | 22.78 0.29 -0.04 | 23.90 0.37 -0.21 | 27.31 0.44 0.00 | 39.55 0.57 0.00 | 40.06 0.55 0.00 | 51.08 0.71 0.00 | 45.20 0.56 0.00 | 39.21 0.50 0.00 | 29.99 0.33 0.00 | 25.72 0.34 0.00 | 27.57 0.49 0.00 | 24.84 0.45 0.00 |
| GOUDEY___7 23579 | 27.33 0.14 0.00 | 24.81 0.12 0.00 | 25.13 0.17 0.00 | 33.99 0.16 0.00 | 31.52 0.23 0.00 | 40.45 0.45 0.00 | 35.11 0.27 0.00 | 35.13 0.49 0.00 | 32.65 0.50 0.00 | 34.60 0.56 0.00 | 24.57 0.35 -0.10 | 23.22 0.32 -0.12 | 22.78 0.29 -0.04 | 23.90 0.37 -0.21 | 27.31 0.44 0.00 | 39.55 0.57 0.00 | 40.06 0.55 0.00 | 51.08 0.71 0.00 | 45.20 0.56 0.00 | 39.21 0.50 0.00 | 29.99 0.33 0.00 | 25.72 0.34 0.00 | 27.57 0.49 0.00 | 24.84 0.45 0.00 |
| GOUDEY___8 23580 | 27.33 0.14 0.00 | 24.81 0.12 0.00 | 25.13 0.17 0.00 | 33.99 0.16 0.00 | 31.52 0.23 0.00 | 40.45 0.45 0.00 | 35.11 0.27 0.00 | 35.13 0.49 0.00 | 32.65 0.50 0.00 | 34.60 0.56 0.00 | 24.57 0.35 -0.10 | 23.22 0.32 -0.12 | 22.78 0.29 -0.04 | 23.90 0.37 -0.21 | 27.31 0.44 0.00 | 39.55 0.57 0.00 | 40.06 0.55 0.00 | 51.08 0.71 0.00 | 45.20 0.56 0.00 | 39.21 0.50 0.00 | 29.99 0.33 0.00 | 25.72 0.34 0.00 | 27.57 0.49 0.00 | 24.84 0.45 0.00 |
| GOWANUS_GT1_1 24077 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT1_2 24078 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT1_3 24079 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT1_4 24080 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT1_5 24084 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT1_6 24111 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT1_7 24112 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT1_8 24113 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT2_1 24114 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |
| GOWANUS_GT2_2 24115 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |
| GOWANUS_GT2_3 24116 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |

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| GOWANUS_GT2_4 24117 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |
| GOWANUS_GT2_5 24118 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |
| GOWANUS_GT2_6 24119 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |
| GOWANUS_GT2_7 24120 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |
| GOWANUS_GT2_8 24121 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |
| GOWANUS_GT3_1 24122 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT3_2 24123 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT3_3 24124 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT3_4 24125 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT3_5 24126 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT3_6 24127 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT3_7 24128 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT3_8 24129 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| GOWANUS_GT4_1 24130 | 28.81 1.63 0.00 | 26.21 1.51 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.42 2.58 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.10 2.30 -4.02 | 25.02 2.19 -0.39 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.34 0.00 | 42.88 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.50 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.20 1.81 0.00 |
| GOWANUS_GT4_2 24131 | 28.81 1.63 0.00 | 26.21 1.51 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.42 2.58 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.10 2.30 -4.02 | 25.02 2.19 -0.39 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.34 0.00 | 42.88 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.50 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.20 1.81 0.00 |

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|---|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| GOWANUS_GT4_3 24132 | 28.81 1.63 0.00 | 26.21 1.51 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.42 2.58 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.10 2.30 -4.02 | 25.02 2.19 -0.39 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.34 0.00 | 42.88 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.50 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.20 1.81 0.00 |
| GOWANUS_GT4_4 24133 | 28.81 1.63 0.00 | 26.21 1.51 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.42 2.58 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.10 2.30 -4.02 | 25.02 2.19 -0.39 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.34 0.00 | 42.88 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.50 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.20 1.81 0.00 |
| GOWANUS_GT4_5 24134 | 28.81 1.63 0.00 | 26.21 1.51 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.42 2.58 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.10 2.30 -4.02 | 25.02 2.19 -0.39 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.34 0.00 | 42.88 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.50 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.20 1.81 0.00 |
| GOWANUS_GT4_6 24135 | 28.81 1.63 0.00 | 26.21 1.51 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.42 2.58 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.10 2.30 -4.02 | 25.02 2.19 -0.39 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.34 0.00 | 42.88 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.50 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.20 1.81 0.00 |
| GOWANUS_GT4_7 24136 | 28.81 1.63 0.00 | 26.21 1.51 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.42 2.58 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.10 2.30 -4.02 | 25.02 2.19 -0.39 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.34 0.00 | 42.88 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.50 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.20 1.81 0.00 |
| GOWANUS_GT4_8 24137 | 28.81 1.63 0.00 | 26.21 1.51 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.42 2.58 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.81 3.27 -80.50 | 373.07 2.40 -346.55 | 29.10 2.30 -4.02 | 25.02 2.19 -0.39 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.34 0.00 | 42.88 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.50 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.20 1.81 0.00 |
| GREENBSH_115KV_TB3 55895 | 27.57 0.37 0.00 | 25.04 0.35 0.00 | 25.31 0.34 0.00 | 34.33 0.50 0.00 | 31.76 0.47 0.00 | 40.62 0.61 0.00 | 35.47 0.63 0.00 | 35.50 0.86 0.00 | 32.97 0.82 0.00 | 34.89 0.85 0.00 | 24.65 0.61 0.07 | 23.29 0.61 0.10 | 23.01 0.60 0.03 | 23.75 0.57 0.16 | 27.56 0.69 0.00 | 39.99 1.00 0.00 | 40.45 0.94 0.00 | 51.40 1.03 0.00 | 45.57 0.93 0.00 | 39.45 0.73 0.00 | 30.29 0.63 0.00 | 25.93 0.55 0.00 | 27.64 0.56 0.00 | 24.79 0.39 0.00 |
| GREENIDGE_115KV_TB5 80291 | 26.76 -0.43 0.00 | 24.27 -0.43 0.00 | 24.66 -0.30 0.00 | 33.17 -0.67 0.00 | 30.87 -0.42 0.00 | 39.59 -0.42 0.00 | 34.53 -0.31 0.00 | 34.48 -0.16 0.00 | 32.17 0.02 0.00 | 33.74 -0.30 0.00 | 23.87 -0.31 -0.06 | 22.43 -0.42 -0.07 | 22.00 -0.46 -0.02 | 23.08 -0.38 -0.12 | 26.52 -0.35 0.00 | 38.45 -0.53 0.00 | 39.17 -0.34 0.00 | 50.21 -0.16 0.00 | 44.46 -0.18 0.00 | 38.71 0.00 0.00 | 29.55 -0.11 0.00 | 25.36 -0.02 0.00 | 27.20 0.11 0.00 | 24.59 0.20 0.00 |
| GREENIDGE___3 23582 | 26.76 -0.43 0.00 | 24.27 -0.43 0.00 | 24.66 -0.30 0.00 | 33.17 -0.67 0.00 | 30.87 -0.42 0.00 | 39.59 -0.42 0.00 | 34.53 -0.31 0.00 | 34.48 -0.16 0.00 | 32.17 0.02 0.00 | 33.74 -0.30 0.00 | 23.87 -0.31 -0.06 | 22.43 -0.42 -0.07 | 22.00 -0.46 -0.02 | 23.08 -0.38 -0.12 | 26.52 -0.35 0.00 | 38.45 -0.53 0.00 | 39.17 -0.34 0.00 | 50.21 -0.16 0.00 | 44.46 -0.18 0.00 | 38.71 0.00 0.00 | 29.55 -0.11 0.00 | 25.36 -0.02 0.00 | 27.20 0.11 0.00 | 24.59 0.20 0.00 |
| GREENIDGE___4 23583 | 26.76 -0.43 0.00 | 24.27 -0.43 0.00 | 24.79 -0.31 -0.13 | 33.17 -0.67 0.00 | 30.87 -0.42 0.00 | 39.59 -0.41 0.00 | 34.53 -0.31 0.00 | 34.48 -0.16 0.00 | 32.16 0.01 0.00 | 33.76 -0.28 0.00 | 23.87 -0.31 -0.06 | 22.44 -0.41 -0.07 | 22.00 -0.46 -0.02 | 23.08 -0.38 -0.12 | 26.52 -0.35 0.00 | 38.46 -0.52 0.00 | 39.17 -0.34 0.00 | 50.20 -0.17 0.00 | 44.46 -0.18 0.00 | 38.72 0.00 0.00 | 29.54 -0.12 0.00 | 25.38 -0.02 -0.01 | 27.21 0.12 0.00 | 24.59 0.20 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 28.56 1.37 0.00 | 26.11 1.42 0.00 | 26.32 1.36 0.00 | 35.29 1.46 0.00 | 32.75 1.46 0.00 | 41.89 1.88 0.00 | 37.19 2.35 0.00 | 37.09 2.45 0.00 | 34.69 2.54 0.00 | 45.42 2.71 -8.67 | 64.47 2.07 -38.28 | 26.45 2.18 -1.50 | 25.04 2.20 -0.40 | 27.51 2.15 -2.02 | 29.15 2.28 0.00 | 41.98 2.99 0.00 | 42.57 3.06 0.00 | 54.10 3.73 0.00 | 41.96 3.34 6.03 | 42.15 2.95 -0.49 | 38.82 2.38 -6.78 | 27.20 1.82 0.00 | 29.12 2.04 0.00 | 26.27 1.88 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |
| GRISSOM___SOLAR 323813 | 28.55 1.36 0.00 | 25.91 1.22 0.00 | 26.19 1.23 0.00 | 35.48 1.65 0.00 | 32.87 1.58 0.00 | 42.12 2.11 0.00 | 36.84 2.00 0.00 | 36.79 2.16 0.00 | 33.87 1.72 0.00 | 35.01 0.97 0.00 | 24.60 0.53 0.05 | 23.24 0.52 0.06 | 23.02 0.60 0.02 | 23.67 0.44 0.10 | 27.48 0.61 0.00 | 40.52 1.54 0.00 | 41.92 2.41 0.00 | 53.68 3.31 0.00 | 47.55 2.90 0.00 | 41.24 2.52 0.00 | 31.51 1.84 0.00 | 26.95 1.57 0.00 | 28.69 1.60 0.00 | 25.78 1.39 0.00 |
| GROVEVILLE___HYD 323602 | 28.59 1.40 0.00 | 25.95 1.26 0.00 | 26.20 1.24 0.00 | 35.42 1.59 0.00 | 32.83 1.54 0.00 | 42.19 2.18 0.00 | 37.09 2.25 0.00 | 37.33 2.69 0.00 | 34.68 2.53 0.00 | 36.76 2.72 0.00 | 26.80 1.94 -0.74 | 25.37 1.83 -0.77 | 24.50 1.80 -0.26 | 26.52 1.87 -1.31 | 29.05 2.18 0.00 | 42.01 3.02 0.00 | 42.63 3.12 0.00 | 54.24 3.87 0.00 | 47.97 3.33 0.00 | 41.52 2.80 0.00 | 31.79 2.13 0.00 | 27.13 1.75 0.00 | 28.94 1.85 0.00 | 25.97 1.58 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 26.98 -0.20 0.00 | 24.51 -0.18 0.00 | 24.78 -0.18 0.00 | 33.53 -0.30 0.00 | 31.09 -0.20 0.00 | 39.74 -0.26 0.00 | 34.51 -0.33 0.00 | 34.41 -0.23 0.00 | 31.93 -0.22 0.00 | 33.81 -0.22 0.00 | 23.98 -0.17 -0.03 | 22.65 -0.17 -0.04 | 22.26 -0.19 -0.01 | 23.20 -0.20 -0.07 | 26.63 -0.24 0.00 | 38.73 -0.26 0.00 | 39.24 -0.27 0.00 | 50.14 -0.24 0.00 | 44.39 -0.26 0.00 | 38.49 -0.22 0.00 | 29.46 -0.20 0.00 | 25.23 -0.15 0.00 | 26.91 -0.17 0.00 | 24.30 -0.09 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| HAMLTNNY_34_KV_TB 80303 | 26.98 -0.20 0.00 | 24.51 -0.18 0.00 | 24.79 -0.18 0.00 | 33.52 -0.31 0.00 | 31.11 -0.18 0.00 | 39.78 -0.22 0.00 | 34.56 -0.28 0.00 | 34.45 -0.19 0.00 | 31.96 -0.19 0.00 | 33.86 -0.18 0.00 | 24.00 -0.15 -0.03 | 22.66 -0.16 -0.04 | 22.26 -0.20 -0.01 | 23.20 -0.21 -0.07 | 26.64 -0.23 0.00 | 38.75 -0.23 0.00 | 39.24 -0.27 0.00 | 50.15 -0.22 0.00 | 44.41 -0.23 0.00 | 38.53 -0.19 0.00 | 29.47 -0.19 0.00 | 25.26 -0.12 0.00 | 26.93 -0.15 0.00 | 24.35 -0.04 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 26.73 -0.46 0.00 | 24.25 -0.45 0.00 | 24.36 -0.61 0.00 | 32.74 -1.10 0.00 | 30.32 -0.97 0.00 | 39.17 -0.84 0.00 | 34.38 -0.46 0.00 | 34.11 -0.53 0.00 | 31.18 -0.97 0.00 | 32.69 -1.35 0.00 | 22.91 -1.21 0.00 | 21.69 -1.09 0.00 | 21.29 -1.15 0.00 | 22.41 -0.92 0.00 | 26.22 -0.65 0.00 | 38.41 -0.57 0.00 | 39.45 -0.06 0.00 | 50.96 0.59 0.00 | 45.41 0.77 0.00 | 39.60 0.89 0.00 | 30.09 0.43 0.00 | 25.30 -0.08 0.00 | 27.17 0.08 0.00 | 24.51 0.12 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 27.41 0.23 0.00 | 24.91 0.22 0.00 | 25.14 0.18 0.00 | 34.07 0.24 0.00 | 31.50 0.21 0.00 | 40.35 0.35 0.00 | 35.25 0.41 0.00 | 35.06 0.42 0.00 | 32.53 0.38 0.00 | 34.23 0.19 0.00 | 24.15 0.03 0.00 | 22.79 0.01 0.00 | 22.39 -0.05 0.00 | 23.14 -0.20 0.00 | 26.62 -0.25 0.00 | 39.15 0.16 0.00 | 39.87 0.36 0.00 | 50.96 0.59 0.00 | 45.18 0.53 0.00 | 39.21 0.49 0.00 | 30.14 0.47 0.00 | 25.78 0.40 0.00 | 27.53 0.45 0.00 | 24.59 0.20 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 28.48 1.29 0.00 | 25.86 1.17 0.00 | 26.11 1.15 0.00 | 35.28 1.45 0.00 | 32.71 1.42 0.00 | 42.04 2.03 0.00 | 36.91 2.07 0.00 | 37.18 2.54 0.00 | 34.56 2.41 0.00 | 35.09 2.67 1.62 | 20.66 1.91 5.37 | 25.59 1.79 -1.02 | 24.57 1.77 -0.36 | 27.01 1.84 -1.83 | 29.01 2.13 0.00 | 41.92 2.94 0.00 | 42.55 3.04 0.00 | 54.13 3.76 0.00 | 47.86 3.21 0.00 | 41.40 2.68 0.00 | 31.70 2.04 0.00 | 27.03 1.65 0.00 | 28.87 1.78 0.00 | 25.94 1.55 0.00 |
| HARSNRAD_115KV_TB1 81005 | 25.80 -1.39 0.00 | 23.44 -1.25 0.00 | 23.83 -1.13 0.00 | 31.80 -2.04 0.00 | 29.80 -1.49 0.00 | 38.24 -1.77 0.00 | 32.47 -2.37 0.00 | 32.02 -2.62 0.00 | 29.90 -2.25 0.00 | 32.12 -1.92 0.00 | 22.72 -1.45 -0.04 | 21.28 -1.55 -0.05 | 20.95 -1.50 -0.02 | 22.21 -1.21 -0.09 | 25.30 -1.58 0.00 | 36.33 -2.65 0.00 | 36.17 -3.34 0.00 | 46.46 -3.91 0.00 | 41.24 -3.40 0.00 | 35.94 -2.77 0.00 | 27.45 -2.21 0.00 | 23.82 -1.56 0.00 | 25.56 -1.53 0.00 | 23.41 -0.99 0.00 |
| HARZA MOOSE___RIVER 24016 | 27.07 -0.12 0.00 | 24.64 -0.05 0.00 | 24.75 -0.21 0.00 | 33.53 -0.30 0.00 | 31.32 0.03 0.00 | 40.41 0.40 0.00 | 35.36 0.52 0.00 | 35.26 0.62 0.00 | 32.45 0.31 0.00 | 33.99 -0.05 0.00 | 23.86 -0.26 0.00 | 22.47 -0.30 0.00 | 22.08 -0.36 0.00 | 23.05 -0.28 0.00 | 26.89 0.02 0.00 | 39.50 0.52 0.00 | 40.48 0.97 0.00 | 51.82 1.45 0.00 | 45.96 1.31 0.00 | 39.93 1.22 0.00 | 30.45 0.79 0.00 | 25.89 0.51 0.00 | 27.66 0.57 0.00 | 24.89 0.49 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 26.80 -0.39 0.00 | 24.33 -0.36 0.00 | 24.63 -0.34 0.00 | 33.31 -0.53 0.00 | 30.88 -0.41 0.00 | 39.45 -0.56 0.00 | 34.24 -0.60 0.00 | 34.14 -0.50 0.00 | 31.71 -0.44 0.00 | 33.58 -0.46 0.00 | 23.84 -0.31 -0.03 | 22.49 -0.32 -0.04 | 22.12 -0.33 -0.01 | 23.07 -0.32 -0.06 | 26.46 -0.41 0.00 | 38.43 -0.55 0.00 | 38.94 -0.57 0.00 | 49.71 -0.66 0.00 | 44.01 -0.64 0.00 | 38.18 -0.54 0.00 | 29.22 -0.44 0.00 | 25.04 -0.34 0.00 | 26.71 -0.38 0.00 | 24.11 -0.28 0.00 |
| HELLGATE_13_KV_LD 55870 | 28.71 1.52 0.00 | 26.11 1.41 0.00 | 26.32 1.35 0.00 | 35.45 1.61 0.00 | 32.88 1.58 0.00 | 42.29 2.29 0.00 | 37.21 2.36 0.00 | 37.41 2.77 0.00 | 34.85 2.70 0.00 | 116.23 3.04 -79.15 | 367.10 2.25 -340.73 | 28.93 2.18 -3.98 | 24.96 2.12 -0.39 | 27.51 2.15 -2.02 | 29.29 2.42 0.00 | 42.13 3.15 0.00 | 42.69 3.18 0.00 | 54.22 3.84 0.00 | 47.90 3.26 0.00 | 41.55 2.83 0.00 | 31.88 2.22 0.00 | 27.15 1.77 0.00 | 28.98 1.89 0.00 | 26.08 1.69 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 28.71 1.52 0.00 | 26.11 1.41 0.00 | 26.32 1.35 0.00 | 35.45 1.61 0.00 | 32.88 1.58 0.00 | 42.29 2.29 0.00 | 37.21 2.36 0.00 | 37.41 2.77 0.00 | 34.85 2.70 0.00 | 116.23 3.04 -79.15 | 367.10 2.25 -340.73 | 28.93 2.18 -3.98 | 24.96 2.12 -0.39 | 27.51 2.15 -2.02 | 29.29 2.42 0.00 | 42.13 3.15 0.00 | 42.69 3.18 0.00 | 54.22 3.84 0.00 | 47.90 3.26 0.00 | 41.55 2.83 0.00 | 31.88 2.22 0.00 | 27.15 1.77 0.00 | 28.98 1.89 0.00 | 26.08 1.69 0.00 |
| HEMPSTEAD____ 23647 | 28.58 1.39 0.00 | 26.06 1.37 0.00 | 26.27 1.31 0.00 | 35.33 1.50 0.00 | 32.82 1.53 0.00 | 42.17 2.16 0.00 | 37.39 2.55 0.00 | 37.40 2.77 0.00 | 34.93 2.78 0.00 | 45.68 2.97 -8.67 | 64.60 2.20 -38.28 | 26.50 2.22 -1.50 | 25.07 2.23 -0.40 | 27.59 2.23 -2.02 | 29.35 2.48 0.00 | 42.28 3.30 0.00 | 42.84 3.33 0.00 | 54.46 4.09 0.00 | 58.81 3.56 -10.60 | 42.58 3.15 -0.71 | 42.61 2.48 -10.46 | 27.34 1.96 0.00 | 29.23 2.14 0.00 | 26.30 1.91 0.00 |
| HEWLETT_69_KV_BK3 55828 | 28.82 1.63 0.00 | 26.27 1.58 0.00 | 26.48 1.51 0.00 | 35.61 1.77 0.00 | 33.09 1.80 0.00 | 42.52 2.52 0.00 | 37.69 2.85 0.00 | 37.67 3.03 0.00 | 35.16 3.01 0.00 | 45.94 3.23 -8.67 | 64.77 2.37 -38.28 | 26.69 2.42 -1.50 | 25.27 2.43 -0.40 | 27.78 2.42 -2.02 | 29.57 2.70 0.00 | 42.62 3.63 0.00 | 43.18 3.68 0.00 | 54.96 4.58 0.00 | 80.70 4.00 -32.05 | 43.03 3.53 -0.79 | 44.50 2.74 -12.09 | 27.58 2.20 0.00 | 29.49 2.41 0.00 | 26.53 2.14 0.00 |
| HICKLING___1 23621 | 26.57 -0.62 0.00 | 24.08 -0.61 0.00 | 24.49 -0.47 0.00 | 32.94 -0.89 0.00 | 30.73 -0.56 0.00 | 39.66 -0.34 0.00 | 34.29 -0.55 0.00 | 34.39 -0.24 0.00 | 32.03 -0.12 0.00 | 33.94 -0.10 0.00 | 23.96 -0.24 -0.07 | 22.60 -0.27 -0.09 | 22.21 -0.26 -0.03 | 23.38 -0.12 -0.16 | 26.82 -0.05 0.00 | 38.73 -0.25 0.00 | 39.25 -0.26 0.00 | 50.08 -0.29 0.00 | 44.28 -0.36 0.00 | 38.44 -0.28 0.00 | 29.31 -0.35 0.00 | 25.24 -0.13 0.00 | 27.29 0.20 0.00 | 24.63 0.24 0.00 |
| HICKLING___2 23622 | 26.57 -0.62 0.00 | 24.08 -0.61 0.00 | 24.49 -0.47 0.00 | 32.94 -0.89 0.00 | 30.73 -0.56 0.00 | 39.66 -0.34 0.00 | 34.29 -0.55 0.00 | 34.39 -0.24 0.00 | 32.03 -0.12 0.00 | 33.94 -0.10 0.00 | 23.96 -0.24 -0.07 | 22.60 -0.27 -0.09 | 22.21 -0.26 -0.03 | 23.38 -0.12 -0.16 | 26.82 -0.05 0.00 | 38.73 -0.25 0.00 | 39.25 -0.26 0.00 | 50.08 -0.29 0.00 | 44.28 -0.36 0.00 | 38.44 -0.28 0.00 | 29.31 -0.35 0.00 | 25.24 -0.13 0.00 | 27.29 0.20 0.00 | 24.63 0.24 0.00 |
| HIGH FALLS___HY 23754 | 28.62 1.43 0.00 | 25.97 1.28 0.00 | 26.22 1.26 0.00 | 35.47 1.64 0.00 | 32.84 1.55 0.00 | 42.19 2.18 0.00 | 37.10 2.26 0.00 | 37.34 2.70 0.00 | 34.67 2.52 0.00 | 36.70 2.66 0.00 | 26.40 1.88 -0.39 | 24.96 1.77 -0.42 | 24.32 1.74 -0.14 | 25.91 1.86 -0.71 | 29.00 2.12 0.00 | 41.95 2.96 0.00 | 42.68 3.18 0.00 | 54.38 4.01 0.00 | 48.13 3.48 0.00 | 41.66 2.95 0.00 | 31.87 2.21 0.00 | 27.20 1.82 0.00 | 29.03 1.95 0.00 | 26.09 1.70 0.00 |
| HIGH_RIVER___SOLAR 323847 | 28.18 0.99 0.00 | 25.57 0.88 0.00 | 25.85 0.88 0.00 | 35.05 1.22 0.00 | 32.45 1.16 0.00 | 41.52 1.52 0.00 | 36.28 1.44 0.00 | 36.24 1.60 0.00 | 33.53 1.38 0.00 | 35.08 1.04 0.00 | 24.52 0.45 0.06 | 23.12 0.41 0.07 | 22.98 0.57 0.02 | 23.80 0.59 0.13 | 27.58 0.70 0.00 | 40.38 1.39 0.00 | 41.32 1.81 0.00 | 52.75 2.37 0.00 | 46.74 2.10 0.00 | 40.51 1.79 0.00 | 31.01 1.35 0.00 | 26.53 1.15 0.00 | 28.28 1.20 0.00 | 25.41 1.02 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HILLBURN___GT 23639 | 28.45 1.26 0.00 | 25.84 1.15 0.00 | 26.09 1.13 0.00 | 35.23 1.40 0.00 | 32.67 1.38 0.00 | 41.99 1.99 0.00 | 36.87 2.03 0.00 | 37.11 2.47 0.00 | 34.51 2.36 0.00 | 34.74 2.66 1.96 | 19.19 1.92 6.86 | 25.61 1.80 -1.03 | 24.58 1.77 -0.36 | 27.05 1.84 -1.87 | 28.98 2.11 0.00 | 41.82 2.84 0.00 | 42.44 2.93 0.00 | 53.95 3.58 0.00 | 47.68 3.04 0.00 | 41.27 2.55 0.00 | 31.60 1.94 0.00 | 26.95 1.57 0.00 | 28.80 1.71 0.00 | 25.89 1.50 0.00 |
| HILLSIDE_115KV_TB1 80332 | 26.43 -0.76 0.00 | 23.96 -0.73 0.00 | 24.33 -0.64 0.00 | 32.79 -1.05 0.00 | 30.54 -0.75 0.00 | 39.45 -0.55 0.00 | 34.08 -0.76 0.00 | 34.17 -0.47 0.00 | 31.86 -0.29 0.00 | 33.79 -0.25 0.00 | 23.88 -0.32 -0.08 | 22.57 -0.30 -0.10 | 22.18 -0.29 -0.03 | 23.35 -0.15 -0.17 | 26.76 -0.11 0.00 | 38.57 -0.42 0.00 | 39.01 -0.50 0.00 | 49.70 -0.67 0.00 | 43.90 -0.74 0.00 | 38.07 -0.64 0.00 | 29.06 -0.60 0.00 | 24.98 -0.40 0.00 | 27.04 -0.05 0.00 | 24.37 -0.03 0.00 |
| HISHELDN_WT_PWR 323625 | 25.68 -1.51 0.00 | 23.37 -1.32 0.00 | 23.44 -1.09 0.43 | 31.83 -2.00 0.00 | 29.88 -1.42 0.00 | 38.34 -1.66 0.00 | 32.85 -1.99 0.00 | 32.66 -1.98 0.00 | 30.47 -1.68 0.00 | 32.59 -1.46 0.00 | 23.03 -1.14 -0.05 | 21.57 -1.28 -0.06 | 21.20 -1.26 -0.02 | 22.41 -1.03 -0.11 | 25.65 -1.22 0.00 | 36.97 -2.01 0.00 | 37.11 -2.40 0.00 | 47.56 -2.81 0.00 | 42.23 -2.42 0.00 | 36.77 -1.95 0.00 | 28.06 -1.60 0.00 | 24.33 -1.02 0.03 | 26.24 -0.85 0.00 | 23.94 -0.45 0.00 |
| HOLTSVILLE_IC_1 23690 | 28.69 1.50 0.00 | 26.26 1.57 0.00 | 26.47 1.50 0.00 | 35.43 1.60 0.00 | 32.92 1.63 0.00 | 42.09 2.09 0.00 | 37.38 2.54 0.00 | 37.15 2.52 0.00 | 34.81 2.66 0.00 | 45.46 2.75 -8.67 | 64.49 2.09 -38.28 | 26.48 2.21 -1.50 | 25.08 2.24 -0.40 | 27.52 2.16 -2.02 | 29.22 2.35 0.00 | 42.19 3.21 0.00 | 42.71 3.21 0.00 | 54.15 3.78 0.00 | 41.65 3.46 6.46 | 42.36 3.17 -0.48 | 38.85 2.59 -6.60 | 27.28 1.90 0.00 | 29.22 2.14 0.00 | 26.37 1.97 0.00 |
| HOLTSVILLE_IC_10 23699 | 28.79 1.60 0.00 | 26.36 1.67 0.00 | 26.56 1.60 0.00 | 35.55 1.72 0.00 | 33.05 1.75 0.00 | 42.26 2.25 0.00 | 37.52 2.68 0.00 | 37.26 2.62 0.00 | 34.92 2.77 0.00 | 45.56 2.85 -8.67 | 64.56 2.16 -38.28 | 26.55 2.28 -1.50 | 25.15 2.32 -0.40 | 27.61 2.25 -2.02 | 29.31 2.44 0.00 | 42.38 3.40 0.00 | 42.93 3.42 0.00 | 54.40 4.03 0.00 | 42.12 3.71 6.24 | 42.58 3.38 -0.48 | 39.07 2.76 -6.65 | 27.40 2.02 0.00 | 29.34 2.25 0.00 | 26.48 2.08 0.00 |
| HOLTSVILLE_IC_2 23691 | 28.69 1.50 0.00 | 26.26 1.57 0.00 | 26.47 1.50 0.00 | 35.43 1.60 0.00 | 32.92 1.63 0.00 | 42.09 2.09 0.00 | 37.38 2.54 0.00 | 37.15 2.52 0.00 | 34.81 2.66 0.00 | 45.46 2.75 -8.67 | 64.49 2.09 -38.28 | 26.48 2.21 -1.50 | 25.08 2.24 -0.40 | 27.52 2.16 -2.02 | 29.22 2.35 0.00 | 42.19 3.21 0.00 | 42.71 3.21 0.00 | 54.15 3.78 0.00 | 41.65 3.46 6.46 | 42.36 3.17 -0.48 | 38.85 2.59 -6.60 | 27.28 1.90 0.00 | 29.22 2.14 0.00 | 26.37 1.97 0.00 |
| HOLTSVILLE_IC_3 23692 | 28.69 1.50 0.00 | 26.26 1.57 0.00 | 26.47 1.50 0.00 | 35.43 1.60 0.00 | 32.92 1.63 0.00 | 42.09 2.09 0.00 | 37.38 2.54 0.00 | 37.15 2.52 0.00 | 34.81 2.66 0.00 | 45.46 2.75 -8.67 | 64.49 2.09 -38.28 | 26.48 2.21 -1.50 | 25.08 2.24 -0.40 | 27.52 2.16 -2.02 | 29.22 2.35 0.00 | 42.19 3.21 0.00 | 42.71 3.21 0.00 | 54.15 3.78 0.00 | 41.65 3.46 6.46 | 42.36 3.17 -0.48 | 38.85 2.59 -6.60 | 27.28 1.90 0.00 | 29.22 2.14 0.00 | 26.37 1.97 0.00 |
| HOLTSVILLE_IC_4 23693 | 28.69 1.50 0.00 | 26.26 1.57 0.00 | 26.47 1.50 0.00 | 35.43 1.60 0.00 | 32.92 1.63 0.00 | 42.09 2.09 0.00 | 37.38 2.54 0.00 | 37.15 2.52 0.00 | 34.81 2.66 0.00 | 45.46 2.75 -8.67 | 64.49 2.09 -38.28 | 26.48 2.21 -1.50 | 25.08 2.24 -0.40 | 27.52 2.16 -2.02 | 29.22 2.35 0.00 | 42.19 3.21 0.00 | 42.71 3.21 0.00 | 54.15 3.78 0.00 | 41.65 3.46 6.46 | 42.36 3.17 -0.48 | 38.85 2.59 -6.60 | 27.28 1.90 0.00 | 29.22 2.14 0.00 | 26.37 1.97 0.00 |
| HOLTSVILLE_IC_5 23694 | 28.69 1.50 0.00 | 26.26 1.57 0.00 | 26.47 1.50 0.00 | 35.43 1.60 0.00 | 32.92 1.63 0.00 | 42.09 2.09 0.00 | 37.38 2.54 0.00 | 37.15 2.52 0.00 | 34.81 2.66 0.00 | 45.46 2.75 -8.67 | 64.49 2.09 -38.28 | 26.48 2.21 -1.50 | 25.08 2.24 -0.40 | 27.52 2.16 -2.02 | 29.22 2.35 0.00 | 42.19 3.21 0.00 | 42.71 3.21 0.00 | 54.15 3.78 0.00 | 41.65 3.46 6.46 | 42.36 3.17 -0.48 | 38.85 2.59 -6.60 | 27.28 1.90 0.00 | 29.22 2.14 0.00 | 26.37 1.97 0.00 |
| HOLTSVILLE_IC_6 23695 | 28.79 1.60 0.00 | 26.36 1.67 0.00 | 26.56 1.60 0.00 | 35.55 1.72 0.00 | 33.05 1.75 0.00 | 42.26 2.25 0.00 | 37.52 2.68 0.00 | 37.26 2.62 0.00 | 34.92 2.77 0.00 | 45.56 2.85 -8.67 | 64.56 2.16 -38.28 | 26.55 2.28 -1.50 | 25.15 2.32 -0.40 | 27.61 2.25 -2.02 | 29.31 2.44 0.00 | 42.38 3.40 0.00 | 42.93 3.42 0.00 | 54.40 4.03 0.00 | 42.12 3.71 6.24 | 42.58 3.38 -0.48 | 39.07 2.76 -6.65 | 27.40 2.02 0.00 | 29.34 2.25 0.00 | 26.48 2.08 0.00 |
| HOLTSVILLE_IC_7 23696 | 28.79 1.60 0.00 | 26.36 1.67 0.00 | 26.56 1.60 0.00 | 35.55 1.72 0.00 | 33.05 1.75 0.00 | 42.26 2.25 0.00 | 37.52 2.68 0.00 | 37.26 2.62 0.00 | 34.92 2.77 0.00 | 45.56 2.85 -8.67 | 64.56 2.16 -38.28 | 26.55 2.28 -1.50 | 25.15 2.32 -0.40 | 27.61 2.25 -2.02 | 29.31 2.44 0.00 | 42.38 3.40 0.00 | 42.93 3.42 0.00 | 54.40 4.03 0.00 | 42.12 3.71 6.24 | 42.58 3.38 -0.48 | 39.07 2.76 -6.65 | 27.40 2.02 0.00 | 29.34 2.25 0.00 | 26.48 2.08 0.00 |
| HOLTSVILLE_IC_8 23697 | 28.79 1.60 0.00 | 26.36 1.67 0.00 | 26.56 1.60 0.00 | 35.55 1.72 0.00 | 33.05 1.75 0.00 | 42.26 2.25 0.00 | 37.52 2.68 0.00 | 37.26 2.62 0.00 | 34.92 2.77 0.00 | 45.56 2.85 -8.67 | 64.56 2.16 -38.28 | 26.55 2.28 -1.50 | 25.15 2.32 -0.40 | 27.61 2.25 -2.02 | 29.31 2.44 0.00 | 42.38 3.40 0.00 | 42.93 3.42 0.00 | 54.40 4.03 0.00 | 42.12 3.71 6.24 | 42.58 3.38 -0.48 | 39.07 2.76 -6.65 | 27.40 2.02 0.00 | 29.34 2.25 0.00 | 26.48 2.08 0.00 |
| HOLTSVILLE_IC_9 23698 | 28.79 1.60 0.00 | 26.36 1.67 0.00 | 26.56 1.60 0.00 | 35.55 1.72 0.00 | 33.05 1.75 0.00 | 42.26 2.25 0.00 | 37.52 2.68 0.00 | 37.26 2.62 0.00 | 34.92 2.77 0.00 | 45.56 2.85 -8.67 | 64.56 2.16 -38.28 | 26.55 2.28 -1.50 | 25.15 2.32 -0.40 | 27.61 2.25 -2.02 | 29.31 2.44 0.00 | 42.38 3.40 0.00 | 42.93 3.42 0.00 | 54.40 4.03 0.00 | 42.12 3.71 6.24 | 42.58 3.38 -0.48 | 39.07 2.76 -6.65 | 27.40 2.02 0.00 | 29.34 2.25 0.00 | 26.48 2.08 0.00 |
| HOMER_HL_115KV_TB2 355744 | 27.29 0.09 0.00 | 24.78 0.08 0.00 | 25.28 0.31 0.00 | 33.73 -0.10 0.00 | 31.65 0.36 0.00 | 40.53 0.53 0.00 | 34.39 -0.45 0.00 | 34.28 -0.36 0.00 | 32.08 -0.07 0.00 | 34.76 0.72 0.00 | 24.64 0.47 -0.05 | 23.08 0.24 -0.06 | 22.78 0.32 -0.02 | 24.05 0.61 -0.11 | 27.58 0.71 0.00 | 39.35 0.36 0.00 | 39.15 -0.36 0.00 | 49.89 -0.48 0.00 | 44.14 -0.51 0.00 | 38.42 -0.29 0.00 | 29.21 -0.45 0.00 | 25.44 0.05 0.00 | 27.58 0.49 0.00 | 25.04 0.65 0.00 |
| HOWARD_WT_PWR 323690 | 25.36 -1.83 0.00 | 22.92 -1.78 0.00 | 23.59 -1.38 0.00 | 31.61 -2.22 0.00 | 29.41 -1.88 0.00 | 38.09 -1.91 0.00 | 33.15 -1.69 0.00 | 33.32 -1.32 0.00 | 30.91 -1.24 0.00 | 32.63 -1.41 0.00 | 23.10 -1.08 -0.06 | 21.67 -1.19 -0.08 | 21.30 -1.17 -0.03 | 22.43 -1.03 -0.13 | 25.60 -1.27 0.00 | 37.20 -1.78 0.00 | 37.91 -1.60 0.00 | 48.73 -1.64 0.00 | 43.27 -1.37 0.00 | 37.66 -1.06 0.00 | 28.66 -1.00 0.00 | 24.93 -0.45 0.00 | 26.88 -0.20 0.00 | 24.51 0.11 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_CEDARS 23644 | 26.75 -0.44 0.00 | 24.17 -0.52 0.00 | 24.40 -0.56 0.00 | 32.55 -1.28 0.00 | 29.59 -1.70 0.00 | 38.07 -1.94 0.00 | 33.38 -1.47 0.00 | 32.89 -1.74 0.00 | 30.18 -1.97 0.00 | 32.11 -1.94 0.00 | 22.62 -1.50 0.00 | 21.51 -1.27 0.00 | 21.17 -1.27 0.00 | 22.31 -1.03 0.00 | 25.88 -0.99 0.00 | 37.25 -1.73 0.00 | 38.17 -1.34 0.00 | 49.72 -0.65 0.00 | 44.50 -0.14 0.00 | 38.91 0.20 0.00 | 29.54 -0.12 0.00 | 24.54 -0.84 0.00 | 26.54 -0.55 0.00 | 24.00 -0.39 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 26.75 -0.44 0.00 | 24.17 -0.52 0.00 | 24.40 -0.56 0.00 | 32.55 -1.28 0.00 | 29.59 -1.70 0.00 | 38.07 -1.94 0.00 | 33.38 -1.46 0.00 | 32.89 -1.74 0.00 | 30.18 -1.97 0.00 | 33.32 -1.94 -1.21 | 22.62 -1.50 0.00 | 20.95 -1.27 0.56 | 21.17 -1.27 0.00 | 22.31 -1.03 0.00 | 25.88 -0.99 0.00 | 37.25 -1.73 0.00 | 38.17 -1.34 0.00 | 49.72 -0.65 0.00 | 44.51 -0.14 0.00 | 38.92 0.20 0.00 | 29.54 -0.12 0.00 | 24.54 -0.84 0.00 | 26.54 -0.55 0.00 | 24.00 -0.39 0.00 |
| HQ_GEN_IMPORT 323601 | 27.19 0.00 0.00 | 24.69 0.00 0.00 | 24.96 0.00 0.00 | 33.83 0.00 0.00 | 31.29 0.00 0.00 | 40.00 0.00 0.00 | 34.84 0.00 0.00 | 34.64 0.00 0.00 | 32.15 0.00 0.00 | 39.88 0.00 -5.84 | 24.75 0.00 -0.63 | 22.78 0.00 0.00 | 22.42 0.00 0.02 | 23.33 0.00 0.00 | 26.87 0.00 0.00 | 38.98 0.00 0.00 | 39.51 0.00 0.00 | 50.37 0.00 0.00 | 44.64 0.00 0.00 | 38.72 0.00 0.00 | 29.66 0.00 0.00 | 25.38 0.00 0.00 | 27.09 0.00 0.00 | 24.39 0.00 0.00 |
| HQ_GEN_WHEEL 23651 | 27.19 0.00 0.00 | 24.69 0.00 0.00 | 24.96 0.00 0.00 | 33.83 0.00 0.00 | 31.29 0.00 0.00 | 40.00 0.00 0.00 | 34.84 0.00 0.00 | 34.64 0.00 0.00 | 32.15 0.00 0.00 | 39.88 0.00 -5.84 | 24.75 0.00 -0.63 | 22.78 0.00 0.00 | 22.42 0.00 0.02 | 23.33 0.00 0.00 | 26.87 0.00 0.00 | 38.98 0.00 0.00 | 39.51 0.00 0.00 | 50.37 0.00 0.00 | 44.64 0.00 0.00 | 38.72 0.00 0.00 | 29.66 0.00 0.00 | 25.38 0.00 0.00 | 27.09 0.00 0.00 | 24.39 0.00 0.00 |
| HUDSON AVE_GT_3 23810 | 28.73 1.54 0.00 | 26.12 1.42 0.00 | 26.36 1.39 0.00 | 35.52 1.69 0.00 | 32.93 1.63 0.00 | 42.38 2.38 0.00 | 37.28 2.44 0.00 | 37.48 2.85 0.00 | 34.91 2.76 0.00 | 117.65 3.11 -80.50 | 372.92 2.25 -346.56 | 28.96 2.17 -4.02 | 24.99 2.15 -0.39 | 27.55 2.19 -2.02 | 29.34 2.47 0.00 | 42.25 3.26 0.00 | 42.80 3.29 0.00 | 54.39 4.02 0.00 | 48.08 3.43 0.00 | 41.65 2.94 0.00 | 31.94 2.28 0.00 | 27.23 1.85 0.00 | 29.05 1.97 0.00 | 26.12 1.73 0.00 |
| HUDSON AVE_GT_4 23540 | 28.73 1.54 0.00 | 26.12 1.42 0.00 | 26.36 1.39 0.00 | 35.52 1.69 0.00 | 32.93 1.63 0.00 | 42.38 2.38 0.00 | 37.28 2.44 0.00 | 37.48 2.85 0.00 | 34.91 2.76 0.00 | 117.65 3.11 -80.50 | 372.92 2.25 -346.56 | 28.96 2.17 -4.02 | 24.99 2.15 -0.39 | 27.55 2.19 -2.02 | 29.34 2.47 0.00 | 42.25 3.26 0.00 | 42.80 3.29 0.00 | 54.39 4.02 0.00 | 48.08 3.43 0.00 | 41.65 2.94 0.00 | 31.94 2.28 0.00 | 27.23 1.85 0.00 | 29.05 1.97 0.00 | 26.12 1.73 0.00 |
| HUDSON AVE_GT_5 23657 | 28.73 1.54 0.00 | 26.12 1.42 0.00 | 26.36 1.39 0.00 | 35.52 1.69 0.00 | 32.93 1.63 0.00 | 42.38 2.38 0.00 | 37.28 2.44 0.00 | 37.48 2.85 0.00 | 34.91 2.76 0.00 | 117.65 3.11 -80.50 | 372.92 2.25 -346.56 | 28.96 2.17 -4.02 | 24.99 2.15 -0.39 | 27.55 2.19 -2.02 | 29.34 2.47 0.00 | 42.25 3.26 0.00 | 42.80 3.29 0.00 | 54.39 4.02 0.00 | 48.08 3.43 0.00 | 41.65 2.94 0.00 | 31.94 2.28 0.00 | 27.23 1.85 0.00 | 29.05 1.97 0.00 | 26.12 1.73 0.00 |
| HUDSON_AVE_10 24168 | 28.62 1.43 0.00 | 26.01 1.32 0.00 | 26.24 1.27 0.00 | 35.37 1.54 0.00 | 32.76 1.47 0.00 | 42.17 2.17 0.00 | 37.09 2.25 0.00 | 37.29 2.66 0.00 | 34.72 2.57 0.00 | 117.32 2.90 -80.37 | 366.99 2.09 -340.78 | 28.78 2.03 -3.98 | 24.86 2.03 -0.39 | 27.42 2.07 -2.02 | 29.19 2.32 0.00 | 42.02 3.04 0.00 | 42.58 3.08 0.00 | 54.10 3.73 0.00 | 52.57 3.18 -4.74 | 41.44 2.72 0.00 | 32.07 2.12 -0.29 | 27.11 1.73 0.00 | 28.93 1.84 0.00 | 26.01 1.62 0.00 |
| HUDSON___115KV_TB 4 355613 | 28.05 0.86 0.00 | 25.47 0.78 0.00 | 25.74 0.78 0.00 | 34.95 1.11 0.00 | 32.34 1.04 0.00 | 41.38 1.38 0.00 | 36.18 1.34 0.00 | 36.24 1.60 0.00 | 33.59 1.44 0.00 | 35.30 1.26 0.00 | 24.91 0.79 0.00 | 23.45 0.70 0.03 | 23.08 0.65 0.01 | 23.94 0.66 0.05 | 27.77 0.90 0.00 | 40.51 1.53 0.00 | 41.22 1.72 0.00 | 52.55 2.18 0.00 | 46.58 1.94 0.00 | 40.29 1.58 0.00 | 30.91 1.25 0.00 | 26.43 1.05 0.00 | 28.14 1.05 0.00 | 25.20 0.81 0.00 |
| HUNTER MOUNT___DRP 323613 | 28.14 0.95 0.00 | 25.55 0.86 0.00 | 25.83 0.87 0.00 | 35.09 1.26 0.00 | 32.47 1.18 0.00 | 41.55 1.54 0.00 | 36.32 1.47 0.00 | 36.35 1.71 0.00 | 33.67 1.51 0.00 | 35.28 1.23 0.00 | 24.87 0.70 -0.05 | 23.43 0.61 -0.04 | 23.00 0.54 -0.01 | 23.94 0.53 -0.07 | 27.69 0.81 0.00 | 40.50 1.52 0.00 | 41.27 1.76 0.00 | 52.67 2.30 0.00 | 46.70 2.06 0.00 | 40.38 1.66 0.00 | 30.96 1.30 0.00 | 26.48 1.10 0.00 | 28.17 1.09 0.00 | 25.20 0.81 0.00 |
| HUNTINGTON_RES_REC 323705 | 28.64 1.46 0.00 | 26.21 1.52 0.00 | 26.42 1.45 0.00 | 35.39 1.56 0.00 | 32.85 1.56 0.00 | 42.00 2.00 0.00 | 37.33 2.48 0.00 | 37.15 2.51 0.00 | 34.78 2.63 0.00 | 45.45 2.74 -8.67 | 64.49 2.09 -38.28 | 26.47 2.19 -1.50 | 25.06 2.22 -0.40 | 27.52 2.17 -2.02 | 29.21 2.34 0.00 | 42.13 3.15 0.00 | 42.72 3.21 0.00 | 54.27 3.90 0.00 | 41.92 3.55 6.27 | 42.36 3.16 -0.48 | 38.89 2.55 -6.68 | 27.28 1.90 0.00 | 29.21 2.12 0.00 | 26.34 1.95 0.00 |
| HUNTLEY___63 23557 | 25.99 -1.20 0.00 | 23.61 -1.08 0.00 | 24.03 -0.94 0.00 | 32.02 -1.81 0.00 | 30.03 -1.27 0.00 | 38.55 -1.46 0.00 | 32.77 -2.07 0.00 | 32.38 -2.25 0.00 | 30.25 -1.90 0.00 | 32.54 -1.50 0.00 | 23.00 -1.17 -0.04 | 21.57 -1.26 -0.05 | 21.23 -1.23 -0.02 | 22.47 -0.96 -0.09 | 25.63 -1.24 0.00 | 36.80 -2.19 0.00 | 36.58 -2.93 0.00 | 46.98 -3.39 0.00 | 41.71 -2.93 0.00 | 36.35 -2.36 0.00 | 27.76 -1.90 0.00 | 24.08 -1.30 0.00 | 25.86 -1.23 0.00 | 23.72 -0.68 0.00 |
| HUNTLEY___64 23558 | 25.99 -1.20 0.00 | 23.61 -1.08 0.00 | 24.03 -0.94 0.00 | 32.02 -1.81 0.00 | 30.03 -1.27 0.00 | 38.55 -1.46 0.00 | 32.77 -2.07 0.00 | 32.38 -2.25 0.00 | 30.25 -1.90 0.00 | 32.54 -1.50 0.00 | 23.00 -1.17 -0.04 | 21.57 -1.26 -0.05 | 21.23 -1.23 -0.02 | 22.47 -0.96 -0.09 | 25.63 -1.24 0.00 | 36.80 -2.19 0.00 | 36.58 -2.93 0.00 | 46.98 -3.39 0.00 | 41.71 -2.93 0.00 | 36.35 -2.36 0.00 | 27.76 -1.90 0.00 | 24.08 -1.30 0.00 | 25.86 -1.23 0.00 | 23.72 -0.68 0.00 |
| HUNTLEY___65 23559 | 25.99 -1.20 0.00 | 23.61 -1.08 0.00 | 24.03 -0.94 0.00 | 32.02 -1.81 0.00 | 30.03 -1.27 0.00 | 38.55 -1.46 0.00 | 32.77 -2.07 0.00 | 32.38 -2.25 0.00 | 30.25 -1.90 0.00 | 32.54 -1.50 0.00 | 23.00 -1.17 -0.04 | 21.57 -1.26 -0.05 | 21.23 -1.23 -0.02 | 22.47 -0.96 -0.09 | 25.63 -1.24 0.00 | 36.80 -2.19 0.00 | 36.58 -2.93 0.00 | 46.98 -3.39 0.00 | 41.71 -2.93 0.00 | 36.35 -2.36 0.00 | 27.76 -1.90 0.00 | 24.08 -1.30 0.00 | 25.86 -1.23 0.00 | 23.72 -0.68 0.00 |
| HUNTLEY___66 23560 | 25.99 -1.20 0.00 | 23.61 -1.08 0.00 | 24.03 -0.94 0.00 | 32.02 -1.81 0.00 | 30.03 -1.27 0.00 | 38.55 -1.46 0.00 | 32.77 -2.07 0.00 | 32.38 -2.25 0.00 | 30.25 -1.90 0.00 | 32.54 -1.50 0.00 | 23.00 -1.17 -0.04 | 21.57 -1.26 -0.05 | 21.23 -1.23 -0.02 | 22.47 -0.96 -0.09 | 25.63 -1.24 0.00 | 36.80 -2.19 0.00 | 36.58 -2.93 0.00 | 46.98 -3.39 0.00 | 41.71 -2.93 0.00 | 36.35 -2.36 0.00 | 27.76 -1.90 0.00 | 24.08 -1.30 0.00 | 25.86 -1.23 0.00 | 23.72 -0.68 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HUNTLEY___67 23561 | 25.85 -1.34 0.00 | 23.49 -1.21 0.00 | 23.91 -1.06 0.00 | 31.86 -1.97 0.00 | 29.87 -1.42 0.00 | 38.33 -1.67 0.00 | 32.60 -2.25 0.00 | 32.23 -2.41 0.00 | 30.10 -2.05 0.00 | 32.37 -1.67 0.00 | 22.88 -1.29 -0.04 | 21.45 -1.38 -0.06 | 21.13 -1.33 -0.02 | 22.32 -1.11 -0.10 | 25.51 -1.36 0.00 | 36.62 -2.36 0.00 | 36.42 -3.09 0.00 | 46.75 -3.63 0.00 | 41.49 -3.15 0.00 | 36.16 -2.56 0.00 | 27.61 -2.05 0.00 | 23.96 -1.42 0.00 | 25.72 -1.36 0.00 | 23.54 -0.85 0.00 |
| HUNTLEY___68 23562 | 25.85 -1.34 0.00 | 23.49 -1.21 0.00 | 23.91 -1.06 0.00 | 31.86 -1.97 0.00 | 29.87 -1.42 0.00 | 38.33 -1.67 0.00 | 32.60 -2.25 0.00 | 32.23 -2.41 0.00 | 30.10 -2.05 0.00 | 32.37 -1.67 0.00 | 22.88 -1.29 -0.04 | 21.45 -1.38 -0.06 | 21.13 -1.33 -0.02 | 22.32 -1.11 -0.10 | 25.51 -1.36 0.00 | 36.62 -2.36 0.00 | 36.42 -3.09 0.00 | 46.75 -3.63 0.00 | 41.49 -3.15 0.00 | 36.16 -2.56 0.00 | 27.61 -2.05 0.00 | 23.96 -1.42 0.00 | 25.72 -1.36 0.00 | 23.54 -0.85 0.00 |
| HYLAND___LFGE 323620 | 27.05 -0.14 0.00 | 24.51 -0.18 0.00 | 24.85 0.00 0.11 | 33.44 -0.39 0.00 | 31.27 -0.02 0.00 | 40.30 0.30 0.00 | 34.87 0.02 0.00 | 34.90 0.26 0.00 | 32.25 0.10 0.00 | 33.37 -0.67 0.00 | 23.51 -0.66 -0.05 | 22.04 -0.80 -0.06 | 21.65 -0.81 -0.02 | 22.74 -0.71 -0.11 | 26.15 -0.72 0.00 | 37.87 -1.11 0.00 | 39.12 -0.38 0.00 | 50.95 0.58 0.00 | 45.31 0.66 0.00 | 39.39 0.67 0.00 | 30.01 0.35 0.00 | 25.86 0.49 0.00 | 27.68 0.60 0.00 | 25.09 0.70 0.00 |
| INDECK___CORINTH 23802 | 28.91 1.72 0.00 | 26.23 1.54 0.00 | 26.51 1.55 0.00 | 35.85 2.02 0.00 | 33.28 1.99 0.00 | 42.68 2.68 0.00 | 37.42 2.58 0.00 | 37.34 2.71 0.00 | 34.74 2.58 0.00 | 36.56 2.52 0.00 | 25.72 1.67 0.07 | 24.21 1.53 0.09 | 23.96 1.55 0.03 | 24.86 1.68 0.15 | 28.90 2.03 0.00 | 42.13 3.14 0.00 | 42.68 3.18 0.00 | 54.45 4.07 0.00 | 48.05 3.40 0.00 | 41.56 2.85 0.00 | 31.89 2.23 0.00 | 27.30 1.92 0.00 | 29.13 2.05 0.00 | 26.04 1.65 0.00 |
| INDECK___ILION 23567 | 27.39 0.19 0.00 | 24.88 0.18 0.00 | 25.13 0.17 0.00 | 34.08 0.25 0.00 | 31.49 0.20 0.00 | 40.34 0.33 0.00 | 35.21 0.37 0.00 | 35.05 0.41 0.00 | 32.53 0.38 0.00 | 34.30 0.26 0.00 | 24.25 0.13 0.00 | 22.88 0.11 0.00 | 22.54 0.10 0.00 | 23.40 0.07 0.00 | 26.96 0.09 0.00 | 39.32 0.34 0.00 | 39.96 0.45 0.00 | 51.03 0.66 0.00 | 45.20 0.56 0.00 | 39.18 0.46 0.00 | 30.07 0.41 0.00 | 25.71 0.33 0.00 | 27.43 0.34 0.00 | 24.59 0.20 0.00 |
| INDECK___OLEAN 23982 | 27.29 0.10 0.00 | 24.77 0.08 0.00 | 24.19 0.31 1.08 | 33.73 -0.11 0.00 | 31.66 0.37 0.00 | 40.53 0.53 0.00 | 34.38 -0.47 0.00 | 34.28 -0.36 0.00 | 32.08 -0.07 0.00 | 34.78 0.74 0.00 | 24.69 0.51 -0.05 | 23.11 0.27 -0.06 | 22.79 0.32 -0.02 | 24.07 0.63 -0.11 | 27.58 0.71 0.00 | 39.35 0.36 0.00 | 39.15 -0.36 0.00 | 49.89 -0.49 0.00 | 44.14 -0.51 0.00 | 38.42 -0.29 0.00 | 29.19 -0.46 0.00 | 25.36 0.05 0.08 | 27.58 0.49 0.00 | 25.04 0.65 0.00 |
| INDECK___OSWEGO 23783 | 26.52 -0.67 0.00 | 24.09 -0.61 0.00 | 24.35 -0.61 0.00 | 32.95 -0.88 0.00 | 30.56 -0.73 0.00 | 39.03 -0.97 0.00 | 33.87 -0.97 0.00 | 33.76 -0.88 0.00 | 31.31 -0.84 0.00 | 33.10 -0.94 0.00 | 23.48 -0.66 -0.02 | 22.17 -0.64 -0.03 | 21.82 -0.63 -0.01 | 22.74 -0.65 -0.05 | 26.10 -0.77 0.00 | 37.97 -1.01 0.00 | 38.50 -1.01 0.00 | 49.17 -1.20 0.00 | 43.55 -1.09 0.00 | 37.80 -0.92 0.00 | 28.92 -0.74 0.00 | 24.78 -0.60 0.00 | 26.42 -0.66 0.00 | 23.85 -0.54 0.00 |
| INDECK___YERKES 23781 | 26.02 -1.17 0.00 | 23.63 -1.06 0.00 | 23.33 -0.93 0.71 | 32.05 -1.78 0.00 | 30.05 -1.24 0.00 | 38.58 -1.42 0.00 | 32.80 -2.05 0.00 | 32.42 -2.22 0.00 | 30.28 -1.87 0.00 | 32.60 -1.44 0.00 | 23.08 -1.09 -0.04 | 21.62 -1.21 -0.05 | 21.25 -1.21 -0.02 | 22.51 -0.92 -0.09 | 25.66 -1.21 0.00 | 36.84 -2.15 0.00 | 36.62 -2.89 0.00 | 47.02 -3.36 0.00 | 41.75 -2.89 0.00 | 36.39 -2.33 0.00 | 27.78 -1.88 0.00 | 24.05 -1.28 0.05 | 25.88 -1.20 0.00 | 23.74 -0.65 0.00 |
| INDIAN POINT_GT_1 24139 | 28.42 1.23 0.00 | 25.82 1.13 0.00 | 26.07 1.10 0.00 | 35.19 1.36 0.00 | 32.62 1.33 0.00 | 41.93 1.93 0.00 | 36.85 2.01 0.00 | 37.08 2.44 0.00 | 34.48 2.33 0.00 | 33.61 2.62 3.05 | 14.18 1.88 11.83 | 25.60 1.79 -1.03 | 24.60 1.78 -0.38 | 27.09 1.83 -1.93 | 28.96 2.08 0.00 | 41.78 2.79 0.00 | 42.36 2.86 0.00 | 53.87 3.50 0.00 | 47.63 2.98 0.00 | 41.23 2.51 0.00 | 31.60 1.93 0.00 | 26.95 1.57 0.00 | 28.77 1.69 0.00 | 25.86 1.47 0.00 |
| INDIAN POINT_GT_2 23659 | 28.42 1.23 0.00 | 25.82 1.13 0.00 | 26.07 1.10 0.00 | 35.19 1.36 0.00 | 32.62 1.33 0.00 | 41.93 1.93 0.00 | 36.85 2.01 0.00 | 37.08 2.44 0.00 | 34.48 2.33 0.00 | 33.61 2.62 3.05 | 14.18 1.88 11.83 | 25.60 1.79 -1.03 | 24.60 1.78 -0.38 | 27.09 1.83 -1.93 | 28.96 2.08 0.00 | 41.78 2.79 0.00 | 42.36 2.86 0.00 | 53.87 3.50 0.00 | 47.63 2.98 0.00 | 41.23 2.51 0.00 | 31.60 1.93 0.00 | 26.95 1.57 0.00 | 28.77 1.69 0.00 | 25.86 1.47 0.00 |
| INDIAN POINT_GT_3 24019 | 28.42 1.23 0.00 | 25.82 1.13 0.00 | 26.07 1.10 0.00 | 35.19 1.36 0.00 | 32.62 1.33 0.00 | 41.93 1.93 0.00 | 36.85 2.01 0.00 | 37.08 2.44 0.00 | 34.48 2.33 0.00 | 33.61 2.62 3.05 | 14.18 1.88 11.83 | 25.60 1.79 -1.03 | 24.60 1.78 -0.38 | 27.09 1.83 -1.93 | 28.96 2.08 0.00 | 41.78 2.79 0.00 | 42.36 2.86 0.00 | 53.87 3.50 0.00 | 47.63 2.98 0.00 | 41.23 2.51 0.00 | 31.60 1.93 0.00 | 26.95 1.57 0.00 | 28.77 1.69 0.00 | 25.86 1.47 0.00 |
| INDIAN POINT___2 23530 | 28.41 1.22 0.00 | 25.82 1.13 0.00 | 26.07 1.10 0.00 | 35.19 1.36 0.00 | 32.62 1.33 0.00 | 41.92 1.92 0.00 | 36.84 1.99 0.00 | 37.07 2.43 0.00 | 34.48 2.33 0.00 | 33.53 2.61 3.12 | 14.02 1.89 11.99 | 25.59 1.79 -1.03 | 24.59 1.77 -0.38 | 27.09 1.82 -1.94 | 28.94 2.07 0.00 | 41.76 2.78 0.00 | 42.36 2.85 0.00 | 53.85 3.47 0.00 | 47.60 2.96 0.00 | 41.20 2.49 0.00 | 31.57 1.91 0.00 | 26.93 1.55 0.00 | 28.76 1.68 0.00 | 25.86 1.47 0.00 |
| INDIAN POINT___3 23531 | 28.40 1.21 0.00 | 25.81 1.11 0.00 | 26.05 1.09 0.00 | 35.18 1.34 0.00 | 32.61 1.32 0.00 | 41.91 1.90 0.00 | 36.82 1.98 0.00 | 37.05 2.41 0.00 | 34.45 2.30 0.00 | 33.83 2.58 2.79 | 15.28 1.86 10.70 | 25.57 1.77 -1.03 | 24.56 1.75 -0.37 | 27.05 1.80 -1.92 | 28.92 2.05 0.00 | 41.74 2.75 0.00 | 42.32 2.82 0.00 | 53.81 3.44 0.00 | 47.58 2.93 0.00 | 41.18 2.47 0.00 | 31.56 1.90 0.00 | 26.92 1.54 0.00 | 28.75 1.66 0.00 | 25.84 1.45 0.00 |
| INGHAM_C_115KV_TB7 356103 | 27.51 0.32 0.00 | 25.02 0.32 0.00 | 25.24 0.27 0.00 | 34.25 0.42 0.00 | 31.65 0.36 0.00 | 40.60 0.60 0.00 | 35.52 0.68 0.00 | 35.32 0.69 0.00 | 32.80 0.65 0.00 | 34.39 0.35 0.00 | 24.23 0.11 0.00 | 22.86 0.08 0.00 | 22.51 0.07 0.00 | 23.30 -0.04 0.00 | 26.84 -0.03 0.00 | 39.47 0.49 0.00 | 40.22 0.71 0.00 | 51.36 0.98 0.00 | 45.49 0.85 0.00 | 39.41 0.70 0.00 | 30.32 0.66 0.00 | 25.95 0.57 0.00 | 27.70 0.62 0.00 | 24.70 0.31 0.00 |
| IP CORINTH___1 23988 | 28.91 1.72 0.00 | 26.23 1.54 0.00 | 26.51 1.55 0.00 | 35.85 2.02 0.00 | 33.28 1.99 0.00 | 42.68 2.68 0.00 | 37.42 2.58 0.00 | 37.34 2.71 0.00 | 34.74 2.58 0.00 | 36.56 2.52 0.00 | 25.71 1.66 0.07 | 24.21 1.53 0.09 | 23.96 1.55 0.03 | 24.86 1.68 0.15 | 28.91 2.03 0.00 | 42.13 3.15 0.00 | 42.68 3.18 0.00 | 54.44 4.07 0.00 | 48.04 3.40 0.00 | 41.56 2.85 0.00 | 31.89 2.23 0.00 | 27.30 1.92 0.00 | 29.13 2.05 0.00 | 26.04 1.65 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| IP___TICONDEROGA 23804 | 30.13 2.94 0.00 | 27.29 2.60 0.00 | 27.60 2.64 0.00 | 37.06 3.23 0.00 | 34.68 3.39 0.00 | 44.52 4.51 0.00 | 39.22 4.38 0.00 | 38.89 4.25 0.00 | 36.15 4.00 0.00 | 37.75 3.71 0.00 | 26.43 2.38 0.07 | 24.82 2.13 0.09 | 24.60 2.19 0.03 | 25.66 2.49 0.16 | 29.88 3.01 0.00 | 43.60 4.62 0.00 | 44.32 4.82 0.00 | 56.69 6.32 0.00 | 49.69 5.05 0.00 | 42.91 4.19 0.00 | 33.09 3.43 0.00 | 28.38 3.00 0.00 | 30.23 3.14 0.00 | 26.88 2.49 0.00 |
| ISLIP_RES_REC 323679 | 28.87 1.68 0.00 | 26.43 1.74 0.00 | 26.64 1.67 0.00 | 35.64 1.81 0.00 | 33.13 1.84 0.00 | 42.39 2.39 0.00 | 37.64 2.80 0.00 | 37.40 2.76 0.00 | 35.05 2.90 0.00 | 45.69 2.98 -8.67 | 64.65 2.25 -38.28 | 26.63 2.36 -1.50 | 25.23 2.39 -0.40 | 27.70 2.34 -2.02 | 29.43 2.55 0.00 | 42.57 3.58 0.00 | 43.13 3.62 0.00 | 54.65 4.28 0.00 | 42.49 3.92 6.08 | 42.78 3.58 -0.48 | 39.24 2.89 -6.69 | 27.50 2.12 0.00 | 29.43 2.35 0.00 | 26.55 2.16 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 28.75 1.56 0.00 | 26.13 1.44 0.00 | 26.35 1.38 0.00 | 35.46 1.63 0.00 | 32.80 1.51 0.00 | 42.25 2.24 0.00 | 37.11 2.27 0.00 | 37.28 2.64 0.00 | 34.70 2.55 0.00 | 117.26 2.85 -80.37 | 366.93 2.03 -340.78 | 28.75 1.99 -3.98 | 24.87 2.03 -0.39 | 27.44 2.08 -2.02 | 29.20 2.33 0.00 | 41.99 3.00 0.00 | 42.58 3.07 0.00 | 54.15 3.78 0.00 | 55.00 3.22 -7.13 | 41.47 2.75 0.00 | 32.15 2.14 -0.36 | 27.18 1.80 0.00 | 29.01 1.92 0.00 | 26.07 1.68 0.00 |
| JANIS___SOLAR 323808 | 28.02 0.83 0.00 | 25.51 0.82 0.00 | 26.00 0.86 -0.18 | 34.85 1.02 0.00 | 32.39 1.10 0.00 | 41.58 1.57 0.00 | 36.27 1.43 0.00 | 36.33 1.70 0.00 | 33.51 1.36 0.00 | 35.28 1.23 0.00 | 25.01 0.81 -0.08 | 23.28 0.40 -0.10 | 22.65 0.17 -0.03 | 23.72 0.21 -0.17 | 27.17 0.29 0.00 | 39.82 0.83 0.00 | 40.91 1.40 0.00 | 52.57 2.20 0.00 | 46.55 1.91 0.00 | 40.45 1.73 0.00 | 30.93 1.27 0.00 | 26.50 1.11 -0.01 | 28.33 1.24 0.00 | 25.52 1.13 0.00 |
| JARVIS____ 23743 | 27.22 0.03 0.00 | 24.72 0.02 0.00 | 24.99 0.03 0.00 | 33.87 0.04 0.00 | 31.32 0.03 0.00 | 40.05 0.05 0.00 | 34.92 0.07 0.00 | 34.76 0.12 0.00 | 32.25 0.10 0.00 | 34.14 0.10 0.00 | 24.17 0.05 0.00 | 22.83 0.05 0.00 | 22.50 0.06 0.00 | 23.39 0.06 0.00 | 26.95 0.08 0.00 | 39.11 0.13 0.00 | 39.66 0.15 0.00 | 50.59 0.21 0.00 | 44.87 0.22 0.00 | 38.91 0.20 0.00 | 29.79 0.13 0.00 | 25.47 0.09 0.00 | 27.19 0.11 0.00 | 24.47 0.07 0.00 |
| JENNISON___1 23625 | 27.94 0.76 0.00 | 25.58 0.89 0.00 | 25.87 0.90 0.00 | 34.89 1.05 0.00 | 32.42 1.14 0.00 | 41.65 1.65 0.00 | 36.16 1.32 0.00 | 36.33 1.69 0.00 | 33.50 1.35 0.00 | 35.45 1.41 0.00 | 25.26 1.04 -0.10 | 23.51 0.60 -0.13 | 22.91 0.43 -0.04 | 24.08 0.52 -0.22 | 27.36 0.48 0.00 | 39.95 0.96 0.00 | 40.69 1.19 0.00 | 51.94 1.57 0.00 | 45.93 1.29 0.00 | 40.00 1.29 0.00 | 30.80 1.14 0.00 | 26.45 1.07 0.00 | 28.31 1.22 0.00 | 25.44 1.05 0.00 |
| JENNISON___2 23626 | 27.94 0.76 0.00 | 25.58 0.89 0.00 | 25.87 0.90 0.00 | 34.89 1.05 0.00 | 32.42 1.14 0.00 | 41.65 1.65 0.00 | 36.16 1.32 0.00 | 36.33 1.69 0.00 | 33.50 1.35 0.00 | 35.45 1.41 0.00 | 25.26 1.04 -0.10 | 23.51 0.60 -0.13 | 22.91 0.43 -0.04 | 24.08 0.52 -0.22 | 27.36 0.48 0.00 | 39.95 0.96 0.00 | 40.69 1.19 0.00 | 51.94 1.57 0.00 | 45.93 1.29 0.00 | 40.00 1.29 0.00 | 30.80 1.14 0.00 | 26.45 1.07 0.00 | 28.31 1.22 0.00 | 25.44 1.05 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 26.54 -0.64 0.00 | 23.94 -0.76 0.00 | 24.17 -0.79 0.00 | 32.06 -1.77 0.00 | 28.98 -2.31 0.00 | 37.23 -2.78 0.00 | 32.80 -2.04 0.00 | 32.35 -2.29 0.00 | 29.68 -2.47 0.00 | 31.50 -2.55 0.00 | 22.30 -1.82 0.00 | 21.18 -1.60 0.00 | 20.69 -1.75 0.00 | 21.75 -1.58 0.00 | 25.29 -1.58 0.00 | 36.39 -2.59 0.00 | 37.10 -2.41 0.00 | 48.27 -2.11 0.00 | 43.44 -1.20 0.00 | 38.11 -0.61 0.00 | 29.03 -0.63 0.00 | 24.58 -0.80 0.00 | 26.36 -0.73 0.00 | 23.83 -0.56 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 28.56 1.37 0.00 | 25.94 1.25 0.00 | 26.19 1.23 0.00 | 35.36 1.52 0.00 | 32.77 1.48 0.00 | 42.14 2.14 0.00 | 37.08 2.24 0.00 | 37.30 2.67 0.00 | 34.67 2.52 0.00 | 37.89 2.81 -1.04 | 31.55 2.01 -5.41 | 25.91 1.93 -1.21 | 24.73 1.90 -0.39 | 27.28 1.95 -2.00 | 29.10 2.23 0.00 | 42.00 3.02 0.00 | 42.60 3.09 0.00 | 54.20 3.83 0.00 | 47.94 3.29 0.00 | 41.50 2.79 0.00 | 31.80 2.14 0.00 | 27.12 1.74 0.00 | 28.93 1.84 0.00 | 25.97 1.58 0.00 |
| KCE_NY_1 323755 | 28.62 1.43 0.00 | 25.97 1.28 0.00 | 26.25 1.29 0.00 | 35.57 1.74 0.00 | 32.97 1.68 0.00 | 42.25 2.24 0.00 | 36.99 2.14 0.00 | 36.91 2.28 0.00 | 34.26 2.11 0.00 | 36.11 2.07 0.00 | 25.43 1.38 0.07 | 23.94 1.26 0.09 | 23.70 1.29 0.03 | 24.55 1.38 0.16 | 28.56 1.69 0.00 | 41.61 2.63 0.00 | 42.17 2.66 0.00 | 53.74 3.37 0.00 | 47.53 2.89 0.00 | 41.13 2.41 0.00 | 31.54 1.87 0.00 | 26.98 1.60 0.00 | 28.78 1.70 0.00 | 25.76 1.37 0.00 |
| KCE_NY_6_ESR 323823 | 26.20 -0.99 0.00 | 23.80 -0.89 0.00 | 23.46 -0.73 0.78 | 32.31 -1.53 0.00 | 30.34 -0.96 0.00 | 38.94 -1.06 0.00 | 33.18 -1.66 0.00 | 32.91 -1.72 0.00 | 30.72 -1.43 0.00 | 33.07 -0.97 0.00 | 23.37 -0.79 -0.05 | 21.90 -0.93 -0.06 | 21.55 -0.91 -0.02 | 22.77 -0.66 -0.10 | 26.00 -0.87 0.00 | 37.36 -1.63 0.00 | 37.23 -2.27 0.00 | 47.80 -2.57 0.00 | 42.43 -2.22 0.00 | 36.97 -1.75 0.00 | 28.22 -1.44 0.00 | 24.43 -0.89 0.06 | 26.32 -0.77 0.00 | 24.04 -0.35 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 28.78 1.59 0.00 | 26.35 1.66 0.00 | 26.55 1.59 0.00 | 35.53 1.70 0.00 | 33.03 1.74 0.00 | 42.23 2.23 0.00 | 37.51 2.67 0.00 | 37.25 2.62 0.00 | 34.91 2.77 0.00 | 45.55 2.85 -8.67 | 64.56 2.16 -38.28 | 26.54 2.27 -1.50 | 25.14 2.30 -0.40 | 27.60 2.24 -2.02 | 29.31 2.44 0.00 | 42.37 3.39 0.00 | 42.92 3.41 0.00 | 54.41 4.04 0.00 | 42.04 3.72 6.32 | 42.58 3.38 -0.48 | 39.05 2.75 -6.64 | 27.40 2.02 0.00 | 29.33 2.24 0.00 | 26.46 2.07 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 28.78 1.59 0.00 | 26.35 1.66 0.00 | 26.55 1.59 0.00 | 35.53 1.70 0.00 | 33.03 1.74 0.00 | 42.23 2.23 0.00 | 37.51 2.67 0.00 | 37.25 2.62 0.00 | 34.91 2.77 0.00 | 45.55 2.85 -8.67 | 64.56 2.16 -38.28 | 26.54 2.27 -1.50 | 25.14 2.30 -0.40 | 27.60 2.24 -2.02 | 29.31 2.44 0.00 | 42.37 3.39 0.00 | 42.92 3.41 0.00 | 54.41 4.04 0.00 | 42.04 3.72 6.32 | 42.58 3.38 -0.48 | 39.05 2.75 -6.64 | 27.40 2.02 0.00 | 29.33 2.24 0.00 | 26.46 2.07 0.00 |
| KEDC_GLWD_GT4 24219 | 28.70 1.51 0.00 | 26.13 1.44 0.00 | 26.36 1.40 0.00 | 35.49 1.66 0.00 | 32.94 1.65 0.00 | 42.34 2.33 0.00 | 37.43 2.59 0.00 | 37.52 2.88 0.00 | 35.00 2.85 0.00 | 45.82 3.11 -8.67 | 64.67 2.27 -38.28 | 26.53 2.25 -1.50 | 25.09 2.25 -0.40 | 27.63 2.28 -2.02 | 29.42 2.55 0.00 | 42.41 3.43 0.00 | 42.97 3.47 0.00 | 54.66 4.28 0.00 | 60.61 3.70 -12.27 | 42.74 3.20 -0.83 | 44.28 2.50 -12.11 | 27.38 2.00 0.00 | 29.25 2.16 0.00 | 26.30 1.91 0.00 |
| KEDC_GLWD_GT5 24220 | 28.70 1.51 0.00 | 26.13 1.44 0.00 | 26.36 1.40 0.00 | 35.49 1.66 0.00 | 32.94 1.65 0.00 | 42.34 2.33 0.00 | 37.43 2.59 0.00 | 37.52 2.88 0.00 | 35.00 2.85 0.00 | 45.82 3.11 -8.67 | 64.67 2.27 -38.28 | 26.53 2.25 -1.50 | 25.09 2.25 -0.40 | 27.63 2.28 -2.02 | 29.42 2.55 0.00 | 42.41 3.43 0.00 | 42.97 3.47 0.00 | 54.66 4.28 0.00 | 60.61 3.70 -12.27 | 42.74 3.20 -0.83 | 44.28 2.50 -12.11 | 27.38 2.00 0.00 | 29.25 2.16 0.00 | 26.30 1.91 0.00 |

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| KENSICO____ 23655 | 28.49 1.30 0.00 | 25.89 1.19 0.00 | 26.12 1.16 0.00 | 35.26 1.43 0.00 | 32.69 1.40 0.00 | 42.03 2.02 0.00 | 36.95 2.11 0.00 | 37.17 2.53 0.00 | 34.58 2.43 0.00 | 32.99 2.73 3.78 | 11.03 1.96 15.05 | 25.68 1.88 -1.02 | 24.69 1.87 -0.38 | 27.21 1.91 -1.97 | 29.04 2.17 0.00 | 41.89 2.91 0.00 | 42.48 2.97 0.00 | 54.00 3.63 0.00 | 47.75 3.10 0.00 | 41.33 2.62 0.00 | 31.69 2.03 0.00 | 27.03 1.65 0.00 | 28.85 1.77 0.00 | 25.92 1.53 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 28.63 1.44 0.00 | 25.99 1.30 0.00 | 26.24 1.27 0.00 | 35.49 1.66 0.00 | 32.87 1.58 0.00 | 42.22 2.22 0.00 | 37.11 2.27 0.00 | 37.34 2.71 0.00 | 34.65 2.50 0.00 | 36.67 2.62 0.00 | 26.46 1.83 -0.50 | 25.04 1.72 -0.55 | 24.32 1.70 -0.18 | 26.06 1.80 -0.93 | 28.95 2.08 0.00 | 41.93 2.95 0.00 | 42.69 3.18 0.00 | 54.41 4.04 0.00 | 48.15 3.50 0.00 | 41.66 2.95 0.00 | 31.88 2.22 0.00 | 27.22 1.84 0.00 | 29.04 1.95 0.00 | 26.09 1.70 0.00 |
| KIAC_JFK_GT1 23816 | 28.59 1.40 0.00 | 25.99 1.30 0.00 | 26.21 1.24 0.00 | 35.28 1.44 0.00 | 32.62 1.33 0.00 | 41.96 1.95 0.00 | 36.75 1.91 0.00 | 36.93 2.29 0.00 | 34.37 2.22 0.00 | 116.91 2.50 -80.37 | 366.72 1.82 -340.78 | 28.55 1.80 -3.98 | 24.68 1.84 -0.39 | 27.23 1.88 -2.02 | 28.96 2.09 0.00 | 41.59 2.60 0.00 | 42.17 2.66 0.00 | 53.64 3.26 0.00 | 54.52 2.74 -7.13 | 41.05 2.33 0.00 | 31.84 1.83 -0.36 | 27.00 1.62 0.00 | 28.84 1.76 0.00 | 25.92 1.53 0.00 |
| KIAC_JFK_GT2 23817 | 28.59 1.40 0.00 | 25.99 1.30 0.00 | 26.21 1.24 0.00 | 35.28 1.44 0.00 | 32.62 1.33 0.00 | 41.96 1.95 0.00 | 36.75 1.91 0.00 | 36.93 2.29 0.00 | 34.37 2.22 0.00 | 116.91 2.50 -80.37 | 366.72 1.82 -340.78 | 28.55 1.80 -3.98 | 24.68 1.84 -0.39 | 27.23 1.88 -2.02 | 28.96 2.09 0.00 | 41.59 2.60 0.00 | 42.17 2.66 0.00 | 53.64 3.26 0.00 | 54.52 2.74 -7.13 | 41.05 2.33 0.00 | 31.84 1.83 -0.36 | 27.00 1.62 0.00 | 28.84 1.76 0.00 | 25.92 1.53 0.00 |
| KIAC_JFK____ 323774 | 28.59 1.40 0.00 | 25.99 1.30 0.00 | 26.21 1.24 0.00 | 35.28 1.44 0.00 | 32.62 1.33 0.00 | 41.96 1.95 0.00 | 36.75 1.91 0.00 | 36.93 2.29 0.00 | 34.36 2.21 0.00 | 116.91 2.50 -80.37 | 366.73 1.82 -340.78 | 28.56 1.80 -3.98 | 24.68 1.84 -0.40 | 27.24 1.88 -2.02 | 28.96 2.09 0.00 | 41.59 2.61 0.00 | 42.17 2.66 0.00 | 53.64 3.27 0.00 | 54.53 2.75 -7.13 | 41.04 2.33 0.00 | 31.87 1.85 -0.36 | 27.00 1.62 0.00 | 28.84 1.75 0.00 | 25.92 1.53 0.00 |
| KINTIGH____ 23543 | 25.77 -1.42 0.00 | 23.41 -1.28 0.00 | 23.79 -1.17 0.00 | 31.81 -2.02 0.00 | 29.73 -1.56 0.00 | 38.11 -1.90 0.00 | 32.45 -2.39 0.00 | 32.11 -2.53 0.00 | 29.95 -2.20 0.00 | 32.15 -1.89 0.00 | 22.75 -1.40 -0.04 | 21.36 -1.47 -0.05 | 21.04 -1.42 -0.02 | 22.14 -1.28 -0.08 | 25.35 -1.52 0.00 | 36.45 -2.53 0.00 | 36.34 -3.17 0.00 | 46.61 -3.76 0.00 | 41.35 -3.29 0.00 | 35.99 -2.73 0.00 | 27.48 -2.18 0.00 | 23.78 -1.60 0.00 | 25.49 -1.59 0.00 | 23.27 -1.13 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 26.97 -0.22 0.00 | 24.29 -0.40 0.00 | 24.49 -0.47 0.00 | 32.54 -1.29 0.00 | 29.42 -1.87 0.00 | 37.72 -2.29 0.00 | 33.34 -1.50 0.00 | 32.91 -1.72 0.00 | 30.21 -1.94 0.00 | 32.03 -2.01 0.00 | 22.66 -1.46 0.00 | 21.52 -1.25 0.00 | 21.02 -1.42 0.00 | 22.10 -1.23 0.00 | 25.64 -1.23 0.00 | 36.93 -2.05 0.00 | 37.63 -1.87 0.00 | 48.96 -1.41 0.00 | 44.13 -0.52 0.00 | 38.69 -0.02 0.00 | 29.46 -0.20 0.00 | 25.03 -0.35 0.00 | 26.71 -0.37 0.00 | 24.13 -0.26 0.00 |
| LACHUTE__HYDRO 323717 | 30.13 2.94 0.00 | 27.29 2.60 0.00 | 27.60 2.64 0.00 | 37.06 3.23 0.00 | 34.68 3.39 0.00 | 44.51 4.51 0.00 | 39.22 4.38 0.00 | 38.88 4.25 0.00 | 36.15 4.00 0.00 | 37.75 3.71 0.00 | 26.43 2.38 0.07 | 24.82 2.13 0.09 | 24.60 2.19 0.03 | 25.66 2.49 0.16 | 29.88 3.01 0.00 | 43.60 4.62 0.00 | 44.32 4.82 0.00 | 56.69 6.32 0.00 | 49.69 5.04 0.00 | 42.91 4.19 0.00 | 33.09 3.43 0.00 | 28.38 3.00 0.00 | 30.23 3.14 0.00 | 26.88 2.48 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 26.79 -0.40 0.00 | 24.23 -0.46 0.00 | 24.44 -0.53 0.00 | 32.61 -1.22 0.00 | 29.75 -1.54 0.00 | 38.33 -1.67 0.00 | 33.65 -1.20 0.00 | 33.19 -1.45 0.00 | 30.40 -1.75 0.00 | 32.22 -1.82 0.00 | 22.68 -1.44 0.00 | 21.56 -1.22 0.00 | 21.20 -1.24 0.00 | 22.37 -0.96 0.00 | 26.01 -0.86 0.00 | 37.53 -1.45 0.00 | 38.50 -1.01 0.00 | 50.11 -0.26 0.00 | 44.83 0.19 0.00 | 39.20 0.48 0.00 | 29.75 0.09 0.00 | 24.80 -0.58 0.00 | 26.76 -0.33 0.00 | 24.18 -0.21 0.00 |
| LEDERLE____ 23769 | 28.51 1.32 0.00 | 25.91 1.22 0.00 | 26.16 1.19 0.00 | 35.32 1.49 0.00 | 32.75 1.46 0.00 | 42.10 2.10 0.00 | 36.97 2.13 0.00 | 37.21 2.58 0.00 | 34.61 2.46 0.00 | 34.54 2.76 2.27 | 17.86 1.99 8.25 | 25.68 1.87 -1.04 | 24.65 1.84 -0.37 | 27.15 1.92 -1.89 | 29.07 2.20 0.00 | 41.96 2.98 0.00 | 42.59 3.08 0.00 | 54.13 3.76 0.00 | 47.86 3.21 0.00 | 41.40 2.69 0.00 | 31.71 2.05 0.00 | 27.04 1.65 0.00 | 28.89 1.80 0.00 | 25.96 1.57 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 26.62 -0.57 0.00 | 24.18 -0.51 0.00 | 24.37 -0.59 0.00 | 32.99 -0.84 0.00 | 30.74 -0.55 0.00 | 39.45 -0.56 0.00 | 34.32 -0.52 0.00 | 34.21 -0.42 0.00 | 31.60 -0.55 0.00 | 33.25 -0.79 0.00 | 23.44 -0.70 -0.02 | 22.10 -0.70 -0.03 | 21.73 -0.72 -0.01 | 22.74 -0.64 -0.05 | 26.27 -0.60 0.00 | 38.47 -0.51 0.00 | 39.08 -0.42 0.00 | 50.08 -0.30 0.00 | 44.39 -0.25 0.00 | 38.62 -0.09 0.00 | 29.50 -0.16 0.00 | 25.19 -0.19 0.00 | 26.87 -0.22 0.00 | 24.23 -0.16 0.00 |
| LINDEN COGEN____ 23786 | 28.64 1.45 0.00 | 26.04 1.35 0.00 | 26.27 1.31 0.00 | 35.41 1.58 0.00 | 32.82 1.53 0.00 | 42.23 2.23 0.00 | 37.13 2.29 0.00 | 37.32 2.68 0.00 | 34.74 2.59 0.00 | 117.46 2.92 -80.51 | 372.81 2.13 -346.56 | 28.84 2.04 -4.02 | 24.87 2.04 -0.40 | 27.43 2.07 -2.02 | 29.22 2.35 0.00 | 42.07 3.09 0.00 | 42.63 3.13 0.00 | 54.19 3.81 0.00 | 47.87 3.23 0.00 | 41.47 2.75 0.00 | 31.80 2.14 0.00 | 27.11 1.73 0.00 | 28.94 1.85 0.00 | 26.03 1.64 0.00 |
| LINDHRST_69_KV_BK1 356055 | 28.88 1.69 0.00 | 26.37 1.68 0.00 | 26.58 1.62 0.00 | 35.65 1.82 0.00 | 33.12 1.83 0.00 | 42.51 2.50 0.00 | 37.78 2.94 0.00 | 37.70 3.06 0.00 | 35.27 3.12 0.00 | 45.96 3.26 -8.67 | 64.81 2.41 -38.28 | 26.73 2.46 -1.50 | 25.30 2.46 -0.40 | 27.80 2.45 -2.02 | 29.56 2.68 0.00 | 42.63 3.64 0.00 | 43.18 3.67 0.00 | 54.91 4.53 0.00 | 46.29 4.07 2.42 | 42.89 3.64 -0.54 | 40.12 2.91 -7.55 | 27.63 2.25 0.00 | 29.57 2.48 0.00 | 26.63 2.24 0.00 |
| LIPA_MISC_IPP 23656 | 28.73 1.54 0.00 | 26.35 1.65 0.00 | 26.55 1.59 0.00 | 35.50 1.67 0.00 | 33.05 1.76 0.00 | 42.21 2.21 0.00 | 37.37 2.52 0.00 | 36.98 2.34 0.00 | 34.69 2.54 0.00 | 45.28 2.57 -8.67 | 64.36 1.97 -38.28 | 26.41 2.14 -1.50 | 25.02 2.18 -0.40 | 27.47 2.11 -2.02 | 29.11 2.24 0.00 | 42.19 3.21 0.00 | 42.67 3.16 0.00 | 53.92 3.54 0.00 | 41.58 3.36 6.42 | 42.34 3.15 -0.48 | 38.90 2.63 -6.61 | 27.23 1.85 0.00 | 29.17 2.08 0.00 | 26.37 1.98 0.00 |
| LISF__SOLAR 323691 | 28.77 1.58 0.00 | 26.38 1.69 0.00 | 26.59 1.63 0.00 | 35.54 1.71 0.00 | 33.10 1.80 0.00 | 42.27 2.26 0.00 | 37.42 2.58 0.00 | 37.02 2.38 0.00 | 34.74 2.59 0.00 | 45.30 2.59 -8.67 | 64.38 1.98 -38.28 | 26.42 2.14 -1.50 | 25.03 2.19 -0.40 | 27.48 2.12 -2.02 | 29.14 2.27 0.00 | 42.27 3.28 0.00 | 42.75 3.24 0.00 | 54.01 3.63 0.00 | 41.68 3.42 6.38 | 42.42 3.23 -0.48 | 38.98 2.71 -6.62 | 27.28 1.90 0.00 | 29.22 2.13 0.00 | 26.41 2.02 0.00 |

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| LITTLE FALLS___HYD 24013 | 27.51 0.32 0.00 | 25.02 0.32 0.00 | 25.24 0.27 0.00 | 34.25 0.42 0.00 | 31.65 0.36 0.00 | 40.60 0.60 0.00 | 35.52 0.68 0.00 | 35.32 0.69 0.00 | 32.80 0.65 0.00 | 34.39 0.35 0.00 | 24.23 0.11 0.00 | 22.86 0.08 0.00 | 22.51 0.07 0.00 | 23.30 -0.04 0.00 | 26.84 -0.03 0.00 | 39.47 0.49 0.00 | 40.22 0.71 0.00 | 51.36 0.98 0.00 | 45.49 0.85 0.00 | 39.41 0.70 0.00 | 30.32 0.66 0.00 | 25.95 0.57 0.00 | 27.70 0.62 0.00 | 24.70 0.31 0.00 |
| LITTLRIV_115KV_TB1 356100 | 27.09 -0.10 0.00 | 24.51 -0.18 0.00 | 24.72 -0.24 0.00 | 32.98 -0.85 0.00 | 30.13 -1.17 0.00 | 38.84 -1.17 0.00 | 34.13 -0.71 0.00 | 33.67 -0.97 0.00 | 30.77 -1.38 0.00 | 32.46 -1.58 0.00 | 22.80 -1.32 0.00 | 21.71 -1.06 0.00 | 21.39 -1.05 0.00 | 22.66 -0.67 0.00 | 26.37 -0.50 0.00 | 37.99 -1.00 0.00 | 39.08 -0.42 0.00 | 50.90 0.53 0.00 | 45.52 0.87 0.00 | 39.80 1.08 0.00 | 30.18 0.52 0.00 | 25.15 -0.23 0.00 | 27.13 0.04 0.00 | 24.51 0.12 0.00 |
| LI_NEWBRDGE___DRP 323616 | 28.52 1.33 0.00 | 26.02 1.33 0.00 | 26.24 1.28 0.00 | 35.24 1.41 0.00 | 32.77 1.48 0.00 | 42.09 2.09 0.00 | 37.41 2.57 0.00 | 37.36 2.72 0.00 | 34.91 2.77 0.00 | 45.66 2.94 -8.67 | 64.59 2.19 -38.28 | 26.52 2.24 -1.50 | 25.09 2.26 -0.40 | 27.58 2.22 -2.02 | 29.32 2.45 0.00 | 42.26 3.27 0.00 | 42.81 3.30 0.00 | 54.42 4.05 0.00 | 37.85 3.58 10.37 | 42.31 3.15 -0.45 | 38.18 2.50 -6.02 | 27.32 1.94 0.00 | 29.25 2.16 0.00 | 26.34 1.95 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 25.83 -1.36 0.00 | 23.46 -1.23 0.00 | 23.84 -1.12 0.00 | 31.82 -2.01 0.00 | 29.82 -1.47 0.00 | 38.27 -1.73 0.00 | 32.50 -2.35 0.00 | 32.03 -2.60 0.00 | 29.92 -2.23 0.00 | 32.12 -1.92 0.00 | 22.72 -1.45 -0.04 | 21.28 -1.55 -0.05 | 20.95 -1.50 -0.02 | 22.23 -1.20 -0.09 | 25.30 -1.58 0.00 | 36.33 -2.65 0.00 | 36.19 -3.32 0.00 | 46.49 -3.89 0.00 | 41.27 -3.38 0.00 | 35.95 -2.76 0.00 | 27.46 -2.20 0.00 | 23.83 -1.55 0.00 | 25.56 -1.52 0.00 | 23.41 -0.98 0.00 |
| LOCKPORT___CC1 323769 | 25.80 -1.39 0.00 | 23.44 -1.25 0.00 | 23.19 -1.14 0.64 | 31.80 -2.03 0.00 | 29.80 -1.49 0.00 | 38.24 -1.76 0.00 | 32.46 -2.38 0.00 | 32.03 -2.61 0.00 | 29.90 -2.25 0.00 | 32.14 -1.90 0.00 | 22.77 -1.39 -0.04 | 21.31 -1.52 -0.05 | 20.96 -1.50 -0.02 | 22.23 -1.19 -0.09 | 25.30 -1.58 0.00 | 36.33 -2.66 0.00 | 36.17 -3.34 0.00 | 46.46 -3.91 0.00 | 41.24 -3.41 0.00 | 35.94 -2.77 0.00 | 27.44 -2.23 0.00 | 23.78 -1.56 0.05 | 25.56 -1.53 0.00 | 23.41 -0.99 0.00 |
| LOCKPORT___CC2 323770 | 25.80 -1.39 0.00 | 23.44 -1.25 0.00 | 23.19 -1.14 0.64 | 31.80 -2.03 0.00 | 29.80 -1.49 0.00 | 38.24 -1.76 0.00 | 32.46 -2.38 0.00 | 32.03 -2.61 0.00 | 29.90 -2.25 0.00 | 32.14 -1.90 0.00 | 22.77 -1.39 -0.04 | 21.31 -1.52 -0.05 | 20.96 -1.50 -0.02 | 22.23 -1.19 -0.09 | 25.30 -1.58 0.00 | 36.33 -2.66 0.00 | 36.17 -3.34 0.00 | 46.46 -3.91 0.00 | 41.24 -3.41 0.00 | 35.94 -2.77 0.00 | 27.44 -2.23 0.00 | 23.78 -1.56 0.05 | 25.56 -1.53 0.00 | 23.41 -0.99 0.00 |
| LOCKPORT___CC3 323771 | 25.80 -1.39 0.00 | 23.44 -1.25 0.00 | 23.19 -1.14 0.64 | 31.80 -2.03 0.00 | 29.80 -1.49 0.00 | 38.24 -1.76 0.00 | 32.46 -2.38 0.00 | 32.03 -2.61 0.00 | 29.90 -2.25 0.00 | 32.14 -1.90 0.00 | 22.77 -1.39 -0.04 | 21.31 -1.52 -0.05 | 20.96 -1.50 -0.02 | 22.23 -1.19 -0.09 | 25.30 -1.58 0.00 | 36.33 -2.66 0.00 | 36.17 -3.34 0.00 | 46.46 -3.91 0.00 | 41.24 -3.41 0.00 | 35.94 -2.77 0.00 | 27.44 -2.23 0.00 | 23.78 -1.56 0.05 | 25.56 -1.53 0.00 | 23.41 -0.99 0.00 |
| LONG_LAKE_PHOENIX 24014 | 26.60 -0.59 0.00 | 24.17 -0.53 0.00 | 24.46 -0.50 0.00 | 33.10 -0.73 0.00 | 30.68 -0.61 0.00 | 39.18 -0.82 0.00 | 34.01 -0.84 0.00 | 33.90 -0.73 0.00 | 31.47 -0.68 0.00 | 33.28 -0.76 0.00 | 23.64 -0.51 -0.03 | 22.29 -0.52 -0.03 | 21.94 -0.51 -0.01 | 22.87 -0.52 -0.05 | 26.19 -0.68 0.00 | 38.08 -0.90 0.00 | 38.65 -0.85 0.00 | 49.37 -1.00 0.00 | 43.73 -0.92 0.00 | 37.93 -0.79 0.00 | 29.03 -0.63 0.00 | 24.87 -0.51 0.00 | 26.51 -0.58 0.00 | 23.93 -0.46 0.00 |
| LOVETT___3 23632 | 28.38 1.19 0.00 | 25.79 1.09 0.00 | 26.04 1.08 0.00 | 35.16 1.32 0.00 | 32.59 1.30 0.00 | 41.88 1.88 0.00 | 36.79 1.95 0.00 | 37.02 2.39 0.00 | 34.43 2.28 0.00 | 34.19 2.56 2.42 | 17.02 1.84 8.95 | 25.56 1.74 -1.04 | 24.54 1.73 -0.37 | 27.02 1.78 -1.90 | 28.90 2.03 0.00 | 41.71 2.72 0.00 | 42.31 2.81 0.00 | 53.78 3.41 0.00 | 47.54 2.89 0.00 | 41.14 2.43 0.00 | 31.53 1.87 0.00 | 26.89 1.51 0.00 | 28.73 1.64 0.00 | 25.82 1.43 0.00 |
| LOVETT___4 23642 | 28.38 1.19 0.00 | 25.79 1.09 0.00 | 26.04 1.08 0.00 | 35.16 1.32 0.00 | 32.59 1.30 0.00 | 41.88 1.88 0.00 | 36.79 1.95 0.00 | 37.02 2.39 0.00 | 34.43 2.28 0.00 | 34.19 2.56 2.42 | 17.02 1.84 8.95 | 25.56 1.74 -1.04 | 24.54 1.73 -0.37 | 27.02 1.78 -1.90 | 28.90 2.03 0.00 | 41.71 2.72 0.00 | 42.31 2.81 0.00 | 53.78 3.41 0.00 | 47.54 2.89 0.00 | 41.14 2.43 0.00 | 31.53 1.87 0.00 | 26.89 1.51 0.00 | 28.73 1.64 0.00 | 25.82 1.43 0.00 |
| LOVETT___5 23593 | 28.38 1.19 0.00 | 25.79 1.09 0.00 | 26.04 1.08 0.00 | 35.16 1.32 0.00 | 32.59 1.30 0.00 | 41.88 1.88 0.00 | 36.79 1.95 0.00 | 37.02 2.39 0.00 | 34.43 2.28 0.00 | 34.19 2.56 2.42 | 17.02 1.84 8.95 | 25.56 1.74 -1.04 | 24.54 1.73 -0.37 | 27.02 1.78 -1.90 | 28.90 2.03 0.00 | 41.71 2.72 0.00 | 42.31 2.81 0.00 | 53.78 3.41 0.00 | 47.54 2.89 0.00 | 41.14 2.43 0.00 | 31.53 1.87 0.00 | 26.89 1.51 0.00 | 28.73 1.64 0.00 | 25.82 1.43 0.00 |
| LOWER RAQUET___HYD 24057 | 26.82 -0.37 0.00 | 24.25 -0.45 0.00 | 24.45 -0.52 0.00 | 32.63 -1.20 0.00 | 29.80 -1.49 0.00 | 38.41 -1.59 0.00 | 33.73 -1.11 0.00 | 33.30 -1.34 0.00 | 30.48 -1.67 0.00 | 32.26 -1.78 0.00 | 22.70 -1.42 0.00 | 21.57 -1.20 0.00 | 21.22 -1.22 0.00 | 22.39 -0.94 0.00 | 26.04 -0.83 0.00 | 37.62 -1.37 0.00 | 38.61 -0.90 0.00 | 50.24 -0.14 0.00 | 44.94 0.30 0.00 | 39.29 0.58 0.00 | 29.82 0.16 0.00 | 24.89 -0.49 0.00 | 26.83 -0.26 0.00 | 24.24 -0.15 0.00 |
| LOWER___HUDSON 24059 | 28.25 1.06 0.00 | 25.66 0.97 0.00 | 25.93 0.97 0.00 | 35.11 1.28 0.00 | 32.54 1.25 0.00 | 41.67 1.66 0.00 | 36.39 1.55 0.00 | 36.40 1.77 0.00 | 33.82 1.67 0.00 | 35.74 1.70 0.00 | 25.21 1.17 0.08 | 23.73 1.06 0.10 | 23.48 1.07 0.03 | 24.27 1.11 0.17 | 28.23 1.36 0.00 | 41.01 2.03 0.00 | 41.48 1.98 0.00 | 52.75 2.38 0.00 | 46.74 2.09 0.00 | 40.43 1.72 0.00 | 31.09 1.43 0.00 | 26.60 1.22 0.00 | 28.36 1.28 0.00 | 25.40 1.01 0.00 |
| LOWVILLE_115KV_TB2 356335 | 26.69 -0.50 0.00 | 24.33 -0.36 0.00 | 24.34 -0.63 0.00 | 32.97 -0.87 0.00 | 30.98 -0.31 0.00 | 40.12 0.11 0.00 | 35.18 0.33 0.00 | 35.07 0.43 0.00 | 32.12 -0.03 0.00 | 33.42 -0.62 0.00 | 23.37 -0.75 0.00 | 22.01 -0.77 0.00 | 21.55 -0.89 0.00 | 22.56 -0.77 0.00 | 26.55 -0.33 0.00 | 39.24 0.26 0.00 | 40.39 0.88 0.00 | 51.76 1.39 0.00 | 45.95 1.31 0.00 | 39.98 1.26 0.00 | 30.43 0.77 0.00 | 25.80 0.42 0.00 | 27.60 0.51 0.00 | 24.84 0.45 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 28.61 1.42 0.00 | 25.98 1.28 0.00 | 26.25 1.28 0.00 | 35.57 1.73 0.00 | 32.95 1.67 0.00 | 42.23 2.23 0.00 | 36.95 2.11 0.00 | 36.91 2.27 0.00 | 34.25 2.10 0.00 | 36.10 2.06 0.00 | 25.44 1.39 0.07 | 23.95 1.27 0.09 | 23.70 1.29 0.03 | 24.55 1.37 0.16 | 28.55 1.68 0.00 | 41.58 2.60 0.00 | 42.15 2.64 0.00 | 53.69 3.31 0.00 | 47.49 2.85 0.00 | 41.10 2.38 0.00 | 31.53 1.87 0.00 | 26.97 1.59 0.00 | 28.76 1.68 0.00 | 25.76 1.37 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 28.62 1.43 0.00 | 25.97 1.28 0.00 | 26.25 1.29 0.00 | 35.57 1.74 0.00 | 32.97 1.68 0.00 | 42.25 2.24 0.00 | 36.99 2.14 0.00 | 36.92 2.28 0.00 | 34.26 2.11 0.00 | 36.11 2.07 0.00 | 25.43 1.38 0.07 | 23.94 1.26 0.09 | 23.70 1.29 0.03 | 24.55 1.38 0.16 | 28.56 1.69 0.00 | 41.61 2.63 0.00 | 42.17 2.66 0.00 | 53.74 3.37 0.00 | 47.53 2.88 0.00 | 41.13 2.41 0.00 | 31.53 1.87 0.00 | 26.98 1.60 0.00 | 28.78 1.70 0.00 | 25.76 1.37 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 26.73 -0.47 0.00 | 24.25 -0.45 0.00 | 24.36 -0.61 0.00 | 32.74 -1.10 0.00 | 30.32 -0.97 0.00 | 39.17 -0.84 0.00 | 34.38 -0.46 0.00 | 34.11 -0.53 0.00 | 31.18 -0.97 0.00 | 32.69 -1.35 0.00 | 22.91 -1.21 0.00 | 21.69 -1.09 0.00 | 21.29 -1.15 0.00 | 22.41 -0.92 0.00 | 26.22 -0.65 0.00 | 38.41 -0.57 0.00 | 39.45 -0.06 0.00 | 50.96 0.58 0.00 | 45.41 0.77 0.00 | 39.60 0.89 0.00 | 30.09 0.43 0.00 | 25.30 -0.08 0.00 | 27.17 0.08 0.00 | 24.51 0.12 0.00 |
| LYONS_FALL_HYD 23570 | 27.07 -0.12 0.00 | 24.64 -0.05 0.00 | 24.75 -0.21 0.00 | 33.53 -0.30 0.00 | 31.32 0.03 0.00 | 40.40 0.40 0.00 | 35.36 0.52 0.00 | 35.26 0.62 0.00 | 32.45 0.31 0.00 | 33.99 -0.05 0.00 | 23.86 -0.26 0.00 | 22.47 -0.31 0.00 | 22.08 -0.37 0.00 | 23.05 -0.28 0.00 | 26.89 0.02 0.00 | 39.51 0.52 0.00 | 40.48 0.97 0.00 | 51.82 1.45 0.00 | 45.96 1.31 0.00 | 39.93 1.22 0.00 | 30.45 0.79 0.00 | 25.89 0.51 0.00 | 27.66 0.57 0.00 | 24.89 0.49 0.00 |
| MADISON___COUNTY_LFGE 323628 | 27.62 0.43 0.00 | 25.11 0.42 0.00 | 25.40 0.43 0.00 | 34.40 0.56 0.00 | 31.95 0.65 0.00 | 41.00 1.00 0.00 | 35.79 0.95 0.00 | 35.72 1.08 0.00 | 33.09 0.94 0.00 | 34.93 0.89 0.00 | 24.64 0.52 0.00 | 23.19 0.39 -0.02 | 22.87 0.42 -0.01 | 23.83 0.46 -0.04 | 27.37 0.51 0.00 | 39.92 0.94 0.00 | 40.74 1.24 0.00 | 52.03 1.66 0.00 | 46.07 1.42 0.00 | 39.93 1.22 0.00 | 30.52 0.86 0.00 | 26.08 0.70 0.00 | 27.81 0.73 0.00 | 25.03 0.64 0.00 |
| MALONE___115KV_TB1 356076 | 26.89 -0.29 0.00 | 24.27 -0.42 0.00 | 24.49 -0.48 0.00 | 32.54 -1.30 0.00 | 29.50 -1.79 0.00 | 37.95 -2.06 0.00 | 33.43 -1.41 0.00 | 33.01 -1.63 0.00 | 30.28 -1.87 0.00 | 32.15 -1.89 0.00 | 22.71 -1.41 0.00 | 21.56 -1.22 0.00 | 21.10 -1.34 0.00 | 22.21 -1.12 0.00 | 25.83 -1.04 0.00 | 37.19 -1.80 0.00 | 38.02 -1.49 0.00 | 49.49 -0.88 0.00 | 44.47 -0.17 0.00 | 38.95 0.24 0.00 | 29.64 -0.02 0.00 | 25.11 -0.27 0.00 | 26.83 -0.26 0.00 | 24.22 -0.17 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 27.96 0.77 0.00 | 25.39 0.70 0.00 | 25.66 0.70 0.00 | 34.78 0.94 0.00 | 32.20 0.91 0.00 | 41.21 1.21 0.00 | 35.97 1.13 0.00 | 36.00 1.37 0.00 | 33.45 1.30 0.00 | 35.38 1.34 0.00 | 24.97 0.93 0.08 | 23.56 0.89 0.10 | 23.30 0.89 0.03 | 24.07 0.91 0.17 | 27.95 1.08 0.00 | 40.59 1.60 0.00 | 41.08 1.57 0.00 | 52.22 1.85 0.00 | 46.27 1.63 0.00 | 40.04 1.33 0.00 | 30.75 1.09 0.00 | 26.32 0.94 0.00 | 28.06 0.98 0.00 | 25.15 0.76 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 26.46 -0.73 0.00 | 24.01 -0.68 0.00 | 24.27 -0.70 0.00 | 32.85 -0.99 0.00 | 30.32 -0.97 0.00 | 38.97 -1.03 0.00 | 34.02 -0.82 0.00 | 33.75 -0.89 0.00 | 31.16 -0.99 0.00 | 32.94 -1.10 0.00 | 23.27 -0.86 0.00 | 21.97 -0.81 0.00 | 21.60 -0.84 0.00 | 22.54 -0.79 0.00 | 26.16 -0.71 0.00 | 37.96 -1.03 0.00 | 38.71 -0.80 0.00 | 49.81 -0.56 0.00 | 44.29 -0.35 0.00 | 38.57 -0.15 0.00 | 29.44 -0.22 0.00 | 24.97 -0.41 0.00 | 26.71 -0.38 0.00 | 24.07 -0.31 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 26.46 -0.73 0.00 | 24.01 -0.68 0.00 | 24.27 -0.70 0.00 | 32.85 -0.99 0.00 | 30.32 -0.97 0.00 | 38.97 -1.03 0.00 | 34.02 -0.82 0.00 | 33.75 -0.89 0.00 | 31.16 -0.99 0.00 | 32.94 -1.10 0.00 | 23.27 -0.86 0.00 | 21.97 -0.81 0.00 | 21.60 -0.84 0.00 | 22.54 -0.79 0.00 | 26.16 -0.71 0.00 | 37.96 -1.03 0.00 | 38.71 -0.80 0.00 | 49.81 -0.56 0.00 | 44.29 -0.35 0.00 | 38.57 -0.15 0.00 | 29.44 -0.22 0.00 | 24.97 -0.41 0.00 | 26.71 -0.38 0.00 | 24.07 -0.31 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 26.60 -0.59 0.00 | 23.98 -0.72 0.00 | 24.20 -0.77 0.00 | 32.13 -1.70 0.00 | 29.05 -2.24 0.00 | 37.30 -2.70 0.00 | 32.88 -1.96 0.00 | 32.42 -2.22 0.00 | 29.77 -2.38 0.00 | 31.56 -2.48 0.00 | 22.35 -1.77 0.00 | 21.23 -1.55 0.00 | 20.75 -1.69 0.00 | 21.80 -1.53 0.00 | 25.33 -1.54 0.00 | 36.45 -2.54 0.00 | 37.13 -2.38 0.00 | 48.28 -2.09 0.00 | 43.45 -1.19 0.00 | 38.11 -0.60 0.00 | 29.04 -0.62 0.00 | 24.58 -0.80 0.00 | 26.36 -0.72 0.00 | 23.85 -0.54 0.00 |
| MARSHVLE_115KV_TB1 80742 | 28.52 1.33 0.00 | 25.86 1.17 0.00 | 26.15 1.19 0.00 | 35.40 1.57 0.00 | 32.82 1.53 0.00 | 42.01 2.00 0.00 | 36.66 1.82 0.00 | 36.54 1.90 0.00 | 33.67 1.52 0.00 | 35.30 1.26 0.00 | 24.81 0.72 0.03 | 23.38 0.64 0.04 | 23.09 0.66 0.01 | 23.85 0.58 0.07 | 27.53 0.66 0.00 | 40.37 1.38 0.00 | 41.57 2.06 0.00 | 53.35 2.98 0.00 | 47.29 2.65 0.00 | 41.08 2.37 0.00 | 31.33 1.67 0.00 | 26.83 1.45 0.00 | 28.58 1.50 0.00 | 25.77 1.37 0.00 |
| MARSH_HILL_WT_PWR 323713 | 25.35 -1.85 0.00 | 22.91 -1.78 0.00 | 23.57 -1.39 0.00 | 31.59 -2.25 0.00 | 29.41 -1.89 0.00 | 38.05 -1.95 0.00 | 33.09 -1.75 0.00 | 33.26 -1.37 0.00 | 30.87 -1.28 0.00 | 32.58 -1.46 0.00 | 23.08 -1.11 -0.06 | 21.64 -1.21 -0.08 | 21.27 -1.19 -0.02 | 22.41 -1.05 -0.13 | 25.56 -1.31 0.00 | 37.17 -1.81 0.00 | 37.86 -1.64 0.00 | 48.67 -1.71 0.00 | 43.22 -1.42 0.00 | 37.61 -1.10 0.00 | 28.63 -1.04 0.00 | 24.90 -0.48 0.00 | 26.85 -0.24 0.00 | 24.48 0.09 0.00 |
| MCINTYRE_115KV_TB2 80467 | 27.21 0.02 0.00 | 24.61 -0.08 0.00 | 24.83 -0.13 0.00 | 33.11 -0.72 0.00 | 30.21 -1.09 0.00 | 38.96 -1.04 0.00 | 34.24 -0.60 0.00 | 33.74 -0.89 0.00 | 30.79 -1.36 0.00 | 32.41 -1.62 0.00 | 22.75 -1.37 0.00 | 21.70 -1.08 0.00 | 21.41 -1.03 0.00 | 22.73 -0.60 0.00 | 26.46 -0.41 0.00 | 37.98 -1.01 0.00 | 39.18 -0.32 0.00 | 51.11 0.74 0.00 | 45.70 1.05 0.00 | 39.96 1.25 0.00 | 30.29 0.63 0.00 | 25.17 -0.21 0.00 | 27.19 0.11 0.00 | 24.57 0.18 0.00 |
| MECO_____69_KV_BK1 80468 | 28.79 1.60 0.00 | 26.11 1.41 0.00 | 26.39 1.43 0.00 | 35.75 1.92 0.00 | 33.14 1.84 0.00 | 42.47 2.47 0.00 | 37.16 2.32 0.00 | 37.11 2.47 0.00 | 34.19 2.04 0.00 | 35.36 1.32 0.00 | 24.75 0.68 0.04 | 23.36 0.64 0.06 | 23.25 0.82 0.02 | 23.89 0.66 0.10 | 27.70 0.83 0.00 | 40.89 1.90 0.00 | 42.28 2.78 0.00 | 54.25 3.88 0.00 | 48.07 3.43 0.00 | 41.69 2.97 0.00 | 31.82 2.16 0.00 | 27.21 1.83 0.00 | 28.94 1.85 0.00 | 26.00 1.61 0.00 |
| MENANDS___115KV_TB5 355628 | 27.79 0.60 0.00 | 25.24 0.55 0.00 | 25.51 0.55 0.00 | 34.57 0.74 0.00 | 32.01 0.72 0.00 | 40.95 0.94 0.00 | 35.73 0.89 0.00 | 35.77 1.14 0.00 | 33.24 1.09 0.00 | 35.18 1.14 0.00 | 24.85 0.81 0.08 | 23.46 0.79 0.10 | 23.19 0.79 0.03 | 23.94 0.78 0.17 | 27.80 0.93 0.00 | 40.33 1.34 0.00 | 40.78 1.28 0.00 | 51.82 1.45 0.00 | 45.92 1.28 0.00 | 39.74 1.03 0.00 | 30.53 0.87 0.00 | 26.14 0.76 0.00 | 27.87 0.78 0.00 | 24.98 0.59 0.00 |
| MG INDUSTRY___DRP 24185 | 27.76 0.57 0.00 | 25.22 0.53 0.00 | 25.50 0.54 0.00 | 34.65 0.81 0.00 | 32.03 0.73 0.00 | 40.94 0.93 0.00 | 35.72 0.88 0.00 | 35.69 1.05 0.00 | 33.06 0.91 0.00 | 34.98 0.94 0.00 | 24.71 0.63 0.04 | 23.30 0.58 0.06 | 22.98 0.56 0.02 | 23.81 0.57 0.10 | 27.56 0.69 0.00 | 40.09 1.11 0.00 | 40.63 1.12 0.00 | 51.67 1.30 0.00 | 45.81 1.16 0.00 | 39.67 0.96 0.00 | 30.45 0.78 0.00 | 26.07 0.69 0.00 | 27.81 0.73 0.00 | 24.95 0.56 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 26.73 -0.47 0.00 | 24.25 -0.45 0.00 | 24.36 -0.61 0.00 | 32.74 -1.10 0.00 | 30.32 -0.97 0.00 | 39.17 -0.84 0.00 | 34.38 -0.46 0.00 | 34.11 -0.53 0.00 | 31.18 -0.97 0.00 | 32.69 -1.35 0.00 | 22.91 -1.21 0.00 | 21.69 -1.09 0.00 | 21.29 -1.15 0.00 | 22.41 -0.92 0.00 | 26.22 -0.65 0.00 | 38.41 -0.57 0.00 | 39.45 -0.06 0.00 | 50.96 0.58 0.00 | 45.41 0.77 0.00 | 39.60 0.89 0.00 | 30.09 0.43 0.00 | 25.30 -0.08 0.00 | 27.17 0.08 0.00 | 24.51 0.12 0.00 |
| MID___RAQUETTE_HYD 23851 | 26.82 -0.37 0.00 | 24.25 -0.45 0.00 | 24.45 -0.52 0.00 | 32.63 -1.20 0.00 | 29.80 -1.49 0.00 | 38.41 -1.59 0.00 | 33.73 -1.11 0.00 | 33.30 -1.34 0.00 | 30.48 -1.67 0.00 | 32.26 -1.78 0.00 | 22.70 -1.42 0.00 | 21.57 -1.20 0.00 | 21.22 -1.22 0.00 | 22.40 -0.94 0.00 | 26.04 -0.83 0.00 | 37.62 -1.37 0.00 | 38.61 -0.90 0.00 | 50.23 -0.14 0.00 | 44.94 0.30 0.00 | 39.29 0.58 0.00 | 29.82 0.16 0.00 | 24.89 -0.49 0.00 | 26.83 -0.26 0.00 | 24.24 -0.15 0.00 |
| MILLIKEN___1 23584 | 27.45 0.26 0.00 | 24.95 0.25 0.00 | 25.23 0.27 0.00 | 34.13 0.30 0.00 | 31.67 0.38 0.00 | 40.59 0.58 0.00 | 35.33 0.49 0.00 | 35.31 0.67 0.00 | 32.72 0.57 0.00 | 34.60 0.56 0.00 | 24.50 0.32 -0.06 | 23.06 0.21 -0.08 | 22.58 0.11 -0.03 | 23.57 0.11 -0.13 | 27.06 0.19 0.00 | 39.45 0.47 0.00 | 40.12 0.62 0.00 | 51.39 1.02 0.00 | 45.50 0.86 0.00 | 39.49 0.78 0.00 | 30.19 0.53 0.00 | 25.84 0.46 0.00 | 27.58 0.50 0.00 | 24.90 0.51 0.00 |
| MILLIKEN___2 23585 | 27.45 0.26 0.00 | 24.95 0.25 0.00 | 25.23 0.27 0.00 | 34.13 0.30 0.00 | 31.67 0.38 0.00 | 40.59 0.58 0.00 | 35.33 0.49 0.00 | 35.31 0.67 0.00 | 32.72 0.57 0.00 | 34.60 0.56 0.00 | 24.50 0.32 -0.06 | 23.06 0.21 -0.08 | 22.58 0.11 -0.03 | 23.57 0.11 -0.13 | 27.06 0.19 0.00 | 39.45 0.47 0.00 | 40.12 0.62 0.00 | 51.39 1.02 0.00 | 45.50 0.86 0.00 | 39.49 0.78 0.00 | 30.19 0.53 0.00 | 25.84 0.46 0.00 | 27.58 0.50 0.00 | 24.90 0.51 0.00 |
| MILLIKEN___DIESEL 23629 | 27.45 0.26 0.00 | 24.95 0.25 0.00 | 25.23 0.27 0.00 | 34.13 0.30 0.00 | 31.67 0.38 0.00 | 40.59 0.58 0.00 | 35.33 0.49 0.00 | 35.31 0.67 0.00 | 32.72 0.57 0.00 | 34.60 0.56 0.00 | 24.50 0.32 -0.06 | 23.06 0.21 -0.08 | 22.58 0.11 -0.03 | 23.57 0.11 -0.13 | 27.06 0.19 0.00 | 39.45 0.47 0.00 | 40.12 0.62 0.00 | 51.39 1.02 0.00 | 45.50 0.86 0.00 | 39.49 0.78 0.00 | 30.19 0.53 0.00 | 25.84 0.46 0.00 | 27.58 0.50 0.00 | 24.90 0.51 0.00 |
| MILLSEAT___LFGE 323607 | 26.27 -0.92 0.00 | 23.85 -0.84 0.00 | 23.64 -0.74 0.58 | 32.37 -1.46 0.00 | 30.33 -0.96 0.00 | 38.97 -1.04 0.00 | 33.23 -1.61 0.00 | 32.90 -1.74 0.00 | 30.65 -1.50 0.00 | 32.78 -1.26 0.00 | 23.20 -0.96 -0.04 | 21.68 -1.15 -0.05 | 21.31 -1.15 -0.02 | 22.68 -0.74 -0.09 | 25.74 -1.13 0.00 | 37.17 -1.82 0.00 | 37.23 -2.28 0.00 | 47.87 -2.51 0.00 | 42.47 -2.18 0.00 | 36.96 -1.76 0.00 | 28.19 -1.47 0.00 | 24.37 -0.96 0.04 | 26.14 -0.94 0.00 | 23.88 -0.52 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 28.43 1.24 0.00 | 25.83 1.15 0.00 | 26.09 1.12 0.00 | 35.21 1.38 0.00 | 32.64 1.35 0.00 | 41.95 1.94 0.00 | 36.87 2.03 0.00 | 37.10 2.46 0.00 | 34.50 2.35 0.00 | 33.65 2.64 3.03 | 14.24 1.89 11.78 | 25.62 1.81 -1.03 | 24.61 1.79 -0.38 | 27.10 1.83 -1.93 | 28.96 2.09 0.00 | 41.79 2.81 0.00 | 42.39 2.89 0.00 | 53.89 3.52 0.00 | 47.64 2.99 0.00 | 41.24 2.53 0.00 | 31.61 1.95 0.00 | 26.96 1.58 0.00 | 28.79 1.70 0.00 | 25.87 1.47 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 28.47 1.28 0.00 | 25.87 1.18 0.00 | 26.11 1.15 0.00 | 35.24 1.41 0.00 | 32.68 1.39 0.00 | 41.99 1.99 0.00 | 36.92 2.08 0.00 | 37.14 2.50 0.00 | 34.55 2.40 0.00 | 33.68 2.67 3.03 | 14.28 1.93 11.78 | 25.64 1.83 -1.03 | 24.64 1.83 -0.38 | 27.14 1.87 -1.93 | 29.00 2.13 0.00 | 41.85 2.87 0.00 | 42.44 2.94 0.00 | 53.98 3.61 0.00 | 47.72 3.07 0.00 | 41.30 2.59 0.00 | 31.66 2.00 0.00 | 27.00 1.62 0.00 | 28.83 1.74 0.00 | 25.89 1.50 0.00 |
| MODEL_CITY_ENERGY 24167 | 25.60 -1.59 0.00 | 23.25 -1.44 0.00 | 22.92 -1.37 0.67 | 31.52 -2.31 0.00 | 29.54 -1.76 0.00 | 37.89 -2.11 0.00 | 32.10 -2.74 0.00 | 31.59 -3.05 0.00 | 29.52 -2.63 0.00 | 31.74 -2.30 0.00 | 22.49 -1.67 -0.04 | 21.06 -1.77 -0.05 | 20.72 -1.74 -0.02 | 21.95 -1.48 -0.09 | 24.99 -1.88 0.00 | 35.88 -3.11 0.00 | 35.69 -3.82 0.00 | 45.80 -4.57 0.00 | 40.66 -3.98 0.00 | 35.44 -3.27 0.00 | 27.07 -2.59 0.00 | 23.47 -1.86 0.05 | 25.24 -1.85 0.00 | 23.13 -1.26 0.00 |
| MODERN_LFGE___ 323580 | 25.60 -1.59 0.00 | 23.25 -1.44 0.00 | 22.92 -1.37 0.67 | 31.52 -2.31 0.00 | 29.54 -1.76 0.00 | 37.89 -2.11 0.00 | 32.10 -2.74 0.00 | 31.59 -3.05 0.00 | 29.52 -2.63 0.00 | 31.74 -2.30 0.00 | 22.49 -1.67 -0.04 | 21.06 -1.77 -0.05 | 20.72 -1.74 -0.02 | 21.95 -1.48 -0.09 | 24.99 -1.88 0.00 | 35.88 -3.11 0.00 | 35.69 -3.82 0.00 | 45.80 -4.57 0.00 | 40.66 -3.98 0.00 | 35.44 -3.27 0.00 | 27.07 -2.59 0.00 | 23.47 -1.86 0.05 | 25.24 -1.85 0.00 | 23.13 -1.26 0.00 |
| MOHAWK_PAPER___DRP 24187 | 27.96 0.77 0.00 | 25.39 0.70 0.00 | 25.66 0.70 0.00 | 34.78 0.94 0.00 | 32.20 0.91 0.00 | 41.21 1.21 0.00 | 35.97 1.13 0.00 | 36.00 1.37 0.00 | 33.45 1.30 0.00 | 35.38 1.34 0.00 | 24.97 0.93 0.08 | 23.56 0.89 0.10 | 23.30 0.89 0.03 | 24.07 0.91 0.17 | 27.95 1.08 0.00 | 40.59 1.60 0.00 | 41.08 1.57 0.00 | 52.22 1.85 0.00 | 46.27 1.63 0.00 | 40.04 1.33 0.00 | 30.75 1.09 0.00 | 26.32 0.94 0.00 | 28.06 0.98 0.00 | 25.15 0.76 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 29.05 1.86 0.00 | 26.35 1.66 0.00 | 26.63 1.67 0.00 | 35.99 2.16 0.00 | 33.42 2.13 0.00 | 42.88 2.88 0.00 | 37.60 2.76 0.00 | 37.50 2.87 0.00 | 34.87 2.72 0.00 | 36.68 2.64 0.00 | 25.80 1.75 0.07 | 24.28 1.60 0.09 | 24.04 1.63 0.03 | 24.93 1.75 0.16 | 29.01 2.14 0.00 | 42.30 3.31 0.00 | 42.86 3.35 0.00 | 54.66 4.29 0.00 | 48.24 3.60 0.00 | 41.72 3.01 0.00 | 32.03 2.37 0.00 | 27.41 2.03 0.00 | 29.24 2.16 0.00 | 26.13 1.74 0.00 |
| MONGAUP___HYD 23641 | 28.57 1.38 0.00 | 25.94 1.25 0.00 | 26.19 1.22 0.00 | 35.40 1.57 0.00 | 32.82 1.52 0.00 | 42.15 2.15 0.00 | 37.04 2.20 0.00 | 37.30 2.67 0.00 | 34.52 2.37 0.00 | 35.15 2.34 1.22 | 22.04 1.54 3.62 | 25.24 1.45 -1.01 | 24.22 1.43 -0.35 | 26.60 1.48 -1.78 | 28.62 1.75 0.00 | 41.67 2.68 0.00 | 42.58 3.07 0.00 | 54.38 4.01 0.00 | 48.13 3.49 0.00 | 41.66 2.95 0.00 | 31.89 2.23 0.00 | 27.22 1.84 0.00 | 29.03 1.95 0.00 | 26.06 1.67 0.00 |
| MONTAUK___DIESEL 23721 | 29.23 2.04 0.00 | 26.86 2.17 0.00 | 27.13 2.16 0.00 | 36.36 2.53 0.00 | 33.89 2.60 0.00 | 43.30 3.30 0.00 | 37.96 3.12 0.00 | 37.67 3.03 0.00 | 35.09 2.94 0.00 | 45.59 2.88 -8.67 | 64.63 2.23 -38.28 | 26.51 2.24 -1.50 | 25.26 2.42 -0.40 | 27.62 2.26 -2.02 | 29.18 2.31 0.00 | 41.85 2.87 0.00 | 41.95 2.44 0.00 | 52.72 2.35 0.00 | 40.60 2.37 6.41 | 41.53 2.34 -0.48 | 38.29 2.02 -6.61 | 26.61 1.23 0.00 | 28.45 1.37 0.00 | 25.72 1.32 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 26.05 -1.14 0.00 | 23.69 -1.00 0.00 | 24.10 -0.87 0.00 | 32.44 -1.40 0.00 | 30.69 -0.60 0.00 | 39.33 -0.67 0.00 | 33.90 -0.94 0.00 | 33.84 -0.80 0.00 | 31.60 -0.55 0.00 | 33.95 -0.09 0.00 | 23.86 -0.31 -0.05 | 22.47 -0.37 -0.06 | 22.11 -0.35 -0.02 | 23.36 -0.08 -0.10 | 26.73 -0.14 0.00 | 38.50 -0.48 0.00 | 38.52 -0.98 0.00 | 49.19 -1.18 0.00 | 43.68 -0.96 0.00 | 38.05 -0.67 0.00 | 29.10 -0.56 0.00 | 25.27 -0.11 0.00 | 27.19 0.10 0.00 | 24.81 0.42 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 25.74 -1.44 0.00 | 23.39 -1.31 0.00 | 23.90 -1.06 0.00 | 31.94 -1.89 0.00 | 29.90 -1.39 0.00 | 38.48 -1.52 0.00 | 33.13 -1.71 0.00 | 33.11 -1.52 0.00 | 30.82 -1.33 0.00 | 32.70 -1.34 0.00 | 23.07 -1.11 -0.06 | 21.64 -1.21 -0.07 | 21.26 -1.20 -0.02 | 22.43 -1.03 -0.12 | 25.72 -1.15 0.00 | 37.24 -1.74 0.00 | 37.71 -1.80 0.00 | 48.30 -2.07 0.00 | 42.87 -1.77 0.00 | 37.29 -1.43 0.00 | 28.43 -1.23 0.00 | 24.64 -0.74 0.00 | 26.61 -0.48 0.00 | 24.21 -0.18 0.00 |
| MORTIMER_115KV_TB3 55949 | 26.31 -0.88 0.00 | 23.88 -0.81 0.00 | 24.23 -0.73 0.00 | 32.52 -1.31 0.00 | 30.32 -0.97 0.00 | 38.86 -1.14 0.00 | 33.39 -1.45 0.00 | 33.18 -1.46 0.00 | 30.86 -1.29 0.00 | 32.90 -1.14 0.00 | 23.31 -0.85 -0.04 | 21.91 -0.92 -0.04 | 21.56 -0.90 -0.02 | 22.57 -0.84 -0.08 | 25.92 -0.95 0.00 | 37.50 -1.48 0.00 | 37.68 -1.83 0.00 | 48.33 -2.04 0.00 | 42.85 -1.80 0.00 | 37.22 -1.49 0.00 | 28.43 -1.23 0.00 | 24.48 -0.90 0.00 | 26.15 -0.94 0.00 | 23.75 -0.65 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 28.65 1.46 0.00 | 26.04 1.35 0.00 | 26.28 1.31 0.00 | 35.43 1.60 0.00 | 32.85 1.56 0.00 | 42.26 2.25 0.00 | 37.18 2.33 0.00 | 37.39 2.75 0.00 | 34.80 2.65 0.00 | 115.06 2.99 -78.02 | 362.20 2.17 -335.91 | 28.80 2.09 -3.94 | 24.90 2.07 -0.39 | 27.47 2.11 -2.02 | 29.26 2.39 0.00 | 42.13 3.15 0.00 | 42.71 3.20 0.00 | 54.27 3.89 0.00 | 47.97 3.33 0.00 | 41.55 2.84 0.00 | 31.87 2.21 0.00 | 27.16 1.78 0.00 | 28.99 1.90 0.00 | 26.07 1.67 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 28.77 1.58 0.00 | 26.29 1.60 0.00 | 26.79 1.63 -0.19 | 35.86 2.03 0.00 | 33.34 2.05 0.00 | 42.84 2.84 0.00 | 37.47 2.62 0.00 | 37.65 3.02 0.00 | 34.60 2.45 0.00 | 36.45 2.41 0.00 | 25.88 1.67 -0.09 | 24.00 1.11 -0.12 | 23.34 0.86 -0.04 | 24.42 0.89 -0.20 | 27.87 1.00 0.00 | 40.81 1.83 0.00 | 41.98 2.47 0.00 | 54.01 3.64 0.00 | 47.80 3.15 0.00 | 41.57 2.86 0.00 | 31.82 2.16 0.00 | 27.25 1.86 -0.01 | 29.22 2.14 0.00 | 26.29 1.90 0.00 |
| N SALMON___HYD 24042 | 26.89 -0.29 0.00 | 24.27 -0.42 0.00 | 24.49 -0.48 0.00 | 32.53 -1.30 0.00 | 29.50 -1.80 0.00 | 37.95 -2.06 0.00 | 33.43 -1.41 0.00 | 33.01 -1.63 0.00 | 30.28 -1.87 0.00 | 32.15 -1.89 0.00 | 22.71 -1.41 0.00 | 21.55 -1.22 0.00 | 21.10 -1.34 0.00 | 22.21 -1.12 0.00 | 25.83 -1.04 0.00 | 37.19 -1.79 0.00 | 38.02 -1.49 0.00 | 49.49 -0.88 0.00 | 44.47 -0.17 0.00 | 38.95 0.24 0.00 | 29.63 -0.03 0.00 | 25.11 -0.27 0.00 | 26.83 -0.26 0.00 | 24.22 -0.17 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 26.17 -1.02 0.00 | 23.76 -0.93 0.00 | 24.14 -0.82 0.00 | 32.24 -1.59 0.00 | 30.21 -1.08 0.00 | 38.81 -1.19 0.00 | 33.07 -1.77 0.00 | 32.68 -1.96 0.00 | 30.48 -1.67 0.00 | 32.62 -1.42 0.00 | 23.06 -1.10 -0.04 | 21.58 -1.25 -0.05 | 21.24 -1.22 -0.02 | 22.95 -0.47 -0.09 | 25.68 -1.19 0.00 | 36.95 -2.03 0.00 | 36.94 -2.57 0.00 | 47.50 -2.88 0.00 | 42.13 -2.51 0.00 | 36.68 -2.03 0.00 | 28.00 -1.66 0.00 | 24.26 -1.12 0.00 | 26.00 -1.09 0.00 | 23.76 -0.63 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 28.72 1.53 0.00 | 26.19 1.49 0.00 | 26.39 1.43 0.00 | 35.47 1.64 0.00 | 32.96 1.67 0.00 | 42.34 2.34 0.00 | 37.58 2.74 0.00 | 37.57 2.94 0.00 | 35.08 2.93 0.00 | 45.83 3.12 -8.67 | 64.69 2.29 -38.28 | 26.61 2.34 -1.50 | 25.17 2.33 -0.40 | 27.69 2.33 -2.02 | 29.46 2.59 0.00 | 42.45 3.46 0.00 | 43.02 3.51 0.00 | 54.74 4.36 0.00 | 58.39 3.84 -9.90 | 42.78 3.40 -0.67 | 42.10 2.67 -9.77 | 27.48 2.11 0.00 | 29.40 2.31 0.00 | 26.46 2.07 0.00 |
| N.E_GEN_SANDY PD 24062 | 28.22 1.03 0.00 | 26.15 0.94 -0.52 | 28.43 0.93 -2.53 | 34.87 1.17 0.13 | 32.34 1.19 0.14 | 41.66 1.65 0.00 | 36.75 1.63 -0.27 | 44.00 1.96 -7.40 | 53.08 1.87 -19.07 | 41.88 1.99 -5.84 | 25.99 1.42 -0.46 | 23.87 1.31 0.21 | 23.65 1.30 0.09 | 24.28 1.31 0.36 | 28.45 1.58 0.00 | 43.27 2.24 -2.04 | 42.11 2.19 -0.41 | 54.37 2.63 -1.37 | 46.84 2.28 0.09 | 39.91 1.87 0.67 | 31.20 1.54 0.00 | 26.66 1.28 0.00 | 28.53 1.36 -0.08 | 25.25 1.07 0.21 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 28.43 1.24 0.00 | 25.83 1.15 0.00 | 26.08 1.12 0.00 | 35.21 1.38 0.00 | 32.65 1.36 0.00 | 41.96 1.96 0.00 | 36.85 2.01 0.00 | 37.09 2.46 0.00 | 34.49 2.34 0.00 | 34.34 2.63 2.32 | 17.49 1.89 8.52 | 25.60 1.79 -1.04 | 24.57 1.77 -0.37 | 27.06 1.83 -1.90 | 28.96 2.09 0.00 | 41.79 2.81 0.00 | 42.40 2.89 0.00 | 53.90 3.53 0.00 | 47.66 3.01 0.00 | 41.23 2.52 0.00 | 31.59 1.93 0.00 | 26.94 1.56 0.00 | 28.79 1.70 0.00 | 25.88 1.49 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 28.66 1.47 0.00 | 26.05 1.35 0.00 | 26.27 1.31 0.00 | 35.27 1.44 0.00 | 32.75 1.46 0.00 | 42.19 2.19 0.00 | 37.15 2.31 0.01 | 37.36 2.73 0.00 | 34.77 2.62 0.00 | 116.16 2.97 -79.15 | 367.18 2.33 -340.73 | 28.97 2.22 -3.98 | 24.90 2.07 -0.39 | 27.45 2.10 -2.02 | 29.20 2.32 0.00 | 42.05 3.07 0.00 | 42.70 3.20 0.00 | 54.26 3.89 0.00 | 52.80 3.24 -4.92 | 41.54 2.82 0.00 | 31.97 2.17 -0.14 | 27.11 1.73 0.00 | 28.99 1.90 0.00 | 26.10 1.70 0.00 |
| N.TROY___115KV_TB1 355778 | 28.26 1.06 0.00 | 25.66 0.97 0.00 | 25.93 0.97 0.00 | 35.11 1.28 0.00 | 32.54 1.25 0.00 | 41.67 1.66 0.00 | 36.39 1.55 0.00 | 36.40 1.77 0.00 | 33.82 1.67 0.00 | 35.74 1.70 0.00 | 25.21 1.17 0.08 | 23.73 1.06 0.10 | 23.48 1.07 0.03 | 24.27 1.11 0.17 | 28.23 1.36 0.00 | 41.01 2.03 0.00 | 41.48 1.98 0.00 | 52.75 2.38 0.00 | 46.73 2.09 0.00 | 40.43 1.72 0.00 | 31.09 1.43 0.00 | 26.60 1.22 0.00 | 28.37 1.28 0.00 | 25.40 1.01 0.00 |
| NARROWS_GT1_1 24228 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT1_2 24229 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT1_3 24230 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT1_4 24231 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------|---------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| NARROWS_GT1_5 24232 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT1_6 24233 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT1_7 24234 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT1_8 24235 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT2_1 24236 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT2_2 24237 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT2_3 24238 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT2_4 24239 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT2_5 24240 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT2_6 24241 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT2_7 24242 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NARROWS_GT2_8 24243 | 28.83 1.64 0.00 | 26.22 1.52 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.44 2.59 0.00 | 37.65 3.01 0.00 | 35.07 2.92 0.00 | 117.82 3.27 -80.50 | 373.08 2.41 -346.55 | 29.10 2.30 -4.02 | 25.03 2.19 -0.40 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.34 3.35 0.00 | 42.89 3.38 0.00 | 54.49 4.12 0.00 | 48.16 3.52 0.00 | 41.78 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.14 2.06 0.00 | 26.21 1.82 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 28.14 0.95 0.00 | 25.55 0.86 0.00 | 25.83 0.87 0.00 | 35.09 1.26 0.00 | 32.47 1.18 0.00 | 41.55 1.54 0.00 | 36.32 1.47 0.00 | 36.35 1.71 0.00 | 33.67 1.51 0.00 | 35.28 1.23 0.00 | 24.87 0.70 -0.05 | 23.43 0.61 -0.04 | 23.00 0.54 -0.01 | 23.94 0.53 -0.07 | 27.69 0.81 0.00 | 40.50 1.52 0.00 | 41.27 1.76 0.00 | 52.67 2.30 0.00 | 46.70 2.06 0.00 | 40.38 1.66 0.00 | 30.96 1.30 0.00 | 26.48 1.10 0.00 | 28.17 1.09 0.00 | 25.20 0.81 0.00 |
| NCHELSEA_115KV_TR2 355582 | 28.55 1.36 0.00 | 25.92 1.22 0.00 | 26.17 1.21 0.00 | 35.38 1.54 0.00 | 32.79 1.50 0.00 | 42.12 2.11 0.00 | 37.04 2.20 0.00 | 37.28 2.64 0.00 | 34.62 2.47 0.00 | 36.72 2.68 0.00 | 26.73 1.91 -0.70 | 25.29 1.79 -0.72 | 24.45 1.77 -0.24 | 26.40 1.83 -1.24 | 29.00 2.13 0.00 | 41.94 2.96 0.00 | 42.56 3.05 0.00 | 54.16 3.79 0.00 | 47.90 3.26 0.00 | 41.46 2.75 0.00 | 31.75 2.09 0.00 | 27.10 1.72 0.00 | 28.90 1.81 0.00 | 25.94 1.54 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 28.62 1.43 0.00 | 25.98 1.29 0.00 | 26.25 1.28 0.00 | 35.55 1.72 0.00 | 32.95 1.66 0.00 | 42.23 2.23 0.00 | 36.95 2.11 0.00 | 36.93 2.29 0.00 | 34.28 2.13 0.00 | 36.14 2.10 0.00 | 25.46 1.42 0.08 | 23.97 1.29 0.10 | 23.72 1.31 0.03 | 24.58 1.41 0.16 | 28.58 1.71 0.00 | 41.63 2.64 0.00 | 42.18 2.67 0.00 | 53.73 3.36 0.00 | 47.55 2.91 0.00 | 41.13 2.42 0.00 | 31.56 1.90 0.00 | 27.00 1.62 0.00 | 28.78 1.69 0.00 | 25.76 1.37 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 26.01 -1.19 0.00 | 23.61 -1.08 0.00 | 23.69 -1.02 0.26 | 32.20 -1.63 0.00 | 29.96 -1.33 0.00 | 38.40 -1.60 0.00 | 33.10 -1.74 0.00 | 32.96 -1.68 0.00 | 30.63 -1.52 0.00 | 32.60 -1.44 0.00 | 23.12 -1.04 -0.03 | 21.73 -1.09 -0.04 | 21.35 -1.11 -0.01 | 22.30 -1.10 -0.07 | 25.64 -1.23 0.00 | 37.20 -1.78 0.00 | 37.45 -2.05 0.00 | 48.03 -2.35 0.00 | 42.55 -2.09 0.00 | 36.96 -1.76 0.00 | 28.22 -1.44 0.00 | 24.22 -1.14 0.02 | 25.86 -1.23 0.00 | 23.46 -0.93 0.00 |
| NEG CENTRAL___DRP 24199 | 26.91 -0.28 0.00 | 24.42 -0.27 0.00 | 24.74 -0.22 0.00 | 33.39 -0.44 0.00 | 31.02 -0.27 0.00 | 39.76 -0.24 0.00 | 34.59 -0.25 0.00 | 34.50 -0.13 0.00 | 32.06 -0.09 0.00 | 33.82 -0.23 0.00 | 23.93 -0.23 -0.04 | 22.54 -0.28 -0.05 | 22.13 -0.33 -0.02 | 23.13 -0.28 -0.08 | 26.59 -0.28 0.00 | 38.65 -0.34 0.00 | 39.23 -0.28 0.00 | 50.25 -0.13 0.00 | 44.50 -0.14 0.00 | 38.64 -0.07 0.00 | 29.52 -0.14 0.00 | 25.31 -0.08 0.00 | 27.05 -0.04 0.00 | 24.46 0.07 0.00 |
| NEG CENTRAL___INDECK 23768 | 26.76 -0.43 0.00 | 24.25 -0.44 0.00 | 24.60 -0.25 0.11 | 33.10 -0.73 0.00 | 30.93 -0.36 0.00 | 39.84 -0.17 0.00 | 34.39 -0.45 0.00 | 34.38 -0.26 0.00 | 31.87 -0.28 0.00 | 33.41 -0.64 0.00 | 23.59 -0.58 -0.05 | 22.12 -0.72 -0.06 | 21.73 -0.73 -0.02 | 22.83 -0.62 -0.11 | 26.25 -0.63 0.00 | 38.01 -0.97 0.00 | 38.87 -0.64 0.00 | 50.26 -0.11 0.00 | 44.62 -0.02 0.00 | 38.77 0.05 0.00 | 29.53 -0.13 0.00 | 25.48 0.10 0.00 | 27.29 0.20 0.00 | 24.78 0.38 0.00 |
| NEG CENTRAL___SENECA 23627 | 26.84 -0.35 0.00 | 24.35 -0.34 0.00 | 24.72 -0.24 0.00 | 33.29 -0.55 0.00 | 30.96 -0.33 0.00 | 39.74 -0.26 0.00 | 34.59 -0.25 0.00 | 34.52 -0.11 0.00 | 32.14 -0.01 0.00 | 33.84 -0.20 0.00 | 23.94 -0.23 -0.04 | 22.51 -0.32 -0.05 | 22.09 -0.37 -0.02 | 23.13 -0.29 -0.09 | 26.60 -0.27 0.00 | 38.62 -0.36 0.00 | 39.25 -0.26 0.00 | 50.29 -0.08 0.00 | 44.53 -0.11 0.00 | 38.72 0.00 0.00 | 29.55 -0.11 0.00 | 25.35 -0.03 0.00 | 27.14 0.06 0.00 | 24.53 0.14 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 27.15 -0.05 0.00 | 24.69 -0.01 0.00 | 24.92 -0.05 0.00 | 33.77 -0.06 0.00 | 31.32 0.03 0.00 | 40.12 0.12 0.00 | 34.87 0.03 0.00 | 34.75 0.11 0.00 | 32.15 0.00 0.00 | 34.09 0.05 0.00 | 24.08 -0.08 -0.04 | 22.79 -0.04 -0.05 | 22.37 -0.09 -0.02 | 23.26 -0.15 -0.08 | 26.78 -0.09 0.00 | 39.02 0.04 0.00 | 39.46 -0.05 0.00 | 50.62 0.25 0.00 | 44.81 0.16 0.00 | 38.88 0.17 0.00 | 29.73 0.07 0.00 | 25.40 0.02 0.00 | 27.10 0.01 0.00 | 24.55 0.16 0.00 |
| NEG MILLWOOD___DRP 24198 | 28.66 1.47 0.00 | 26.02 1.33 0.00 | 26.27 1.31 0.00 | 35.48 1.65 0.00 | 32.89 1.60 0.00 | 42.28 2.28 0.00 | 37.22 2.38 0.00 | 37.45 2.82 0.00 | 34.82 2.67 0.00 | 37.03 2.88 -0.11 | 27.06 2.05 -0.89 | 25.66 1.95 -0.93 | 24.67 1.92 -0.31 | 26.90 1.97 -1.59 | 29.15 2.28 0.00 | 42.11 3.13 0.00 | 42.73 3.23 0.00 | 54.40 4.03 0.00 | 48.12 3.47 0.00 | 41.65 2.94 0.00 | 31.90 2.24 0.00 | 27.20 1.82 0.00 | 29.01 1.93 0.00 | 26.03 1.64 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 26.82 -0.37 0.00 | 24.15 -0.54 0.00 | 24.35 -0.61 0.00 | 32.37 -1.46 0.00 | 29.27 -2.02 0.00 | 37.49 -2.51 0.00 | 33.13 -1.72 0.00 | 32.66 -1.97 0.00 | 30.01 -2.14 0.00 | 31.81 -2.23 0.00 | 22.51 -1.61 0.00 | 21.39 -1.39 0.00 | 20.91 -1.53 0.00 | 21.95 -1.38 0.00 | 25.48 -1.39 0.00 | 36.66 -2.32 0.00 | 37.33 -2.18 0.00 | 48.52 -1.85 0.00 | 43.74 -0.90 0.00 | 38.36 -0.35 0.00 | 29.22 -0.44 0.00 | 24.79 -0.59 0.00 | 26.53 -0.56 0.00 | 23.98 -0.42 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 26.61 -0.58 0.00 | 23.99 -0.70 0.00 | 24.22 -0.75 0.00 | 32.14 -1.70 0.00 | 29.05 -2.24 0.00 | 37.33 -2.67 0.00 | 32.90 -1.94 0.00 | 32.46 -2.18 0.00 | 29.77 -2.38 0.00 | 31.61 -2.43 0.00 | 22.36 -1.76 0.00 | 21.23 -1.55 0.00 | 20.73 -1.71 0.00 | 21.82 -1.51 0.00 | 25.37 -1.50 0.00 | 36.51 -2.47 0.00 | 37.25 -2.26 0.00 | 48.46 -1.92 0.00 | 43.61 -1.03 0.00 | 38.24 -0.47 0.00 | 29.15 -0.51 0.00 | 24.69 -0.69 0.00 | 26.44 -0.64 0.00 | 23.90 -0.49 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 26.97 -0.22 0.00 | 24.29 -0.40 0.00 | 24.49 -0.47 0.00 | 32.54 -1.29 0.00 | 29.42 -1.87 0.00 | 37.72 -2.29 0.00 | 33.34 -1.50 0.00 | 32.91 -1.72 0.00 | 30.21 -1.94 0.00 | 32.03 -2.01 0.00 | 22.66 -1.46 0.00 | 21.52 -1.25 0.00 | 21.02 -1.42 0.00 | 22.10 -1.23 0.00 | 25.64 -1.23 0.00 | 36.93 -2.05 0.00 | 37.63 -1.87 0.00 | 48.96 -1.41 0.00 | 44.13 -0.52 0.00 | 38.69 -0.02 0.00 | 29.46 -0.20 0.00 | 25.03 -0.35 0.00 | 26.71 -0.37 0.00 | 24.13 -0.26 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 26.97 -0.22 0.00 | 24.29 -0.40 0.00 | 24.49 -0.47 0.00 | 32.54 -1.29 0.00 | 29.42 -1.87 0.00 | 37.72 -2.29 0.00 | 33.34 -1.50 0.00 | 32.91 -1.72 0.00 | 30.21 -1.94 0.00 | 32.03 -2.01 0.00 | 22.66 -1.46 0.00 | 21.52 -1.25 0.00 | 21.02 -1.42 0.00 | 22.10 -1.23 0.00 | 25.64 -1.23 0.00 | 36.93 -2.05 0.00 | 37.63 -1.87 0.00 | 48.96 -1.41 0.00 | 44.13 -0.52 0.00 | 38.69 -0.02 0.00 | 29.46 -0.20 0.00 | 25.03 -0.35 0.00 | 26.71 -0.37 0.00 | 24.13 -0.26 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 26.97 -0.22 0.00 | 24.29 -0.40 0.00 | 24.50 -0.47 0.00 | 32.54 -1.29 0.00 | 29.42 -1.87 0.00 | 37.72 -2.29 0.00 | 33.34 -1.50 0.00 | 32.92 -1.72 0.00 | 30.21 -1.94 0.00 | 32.03 -2.01 0.00 | 22.66 -1.46 0.00 | 21.52 -1.25 0.00 | 21.02 -1.42 0.00 | 22.10 -1.23 0.00 | 25.64 -1.23 0.00 | 36.93 -2.05 0.00 | 37.63 -1.87 0.00 | 48.96 -1.41 0.00 | 44.13 -0.51 0.00 | 38.69 -0.02 0.00 | 29.46 -0.20 0.00 | 25.03 -0.35 0.00 | 26.71 -0.37 0.00 | 24.13 -0.26 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 25.80 -1.39 0.00 | 23.44 -1.25 0.00 | 23.83 -1.13 0.00 | 31.80 -2.04 0.00 | 29.80 -1.49 0.00 | 38.24 -1.77 0.00 | 32.47 -2.37 0.00 | 32.02 -2.62 0.00 | 29.90 -2.25 0.00 | 32.12 -1.92 0.00 | 22.72 -1.45 -0.04 | 21.28 -1.55 -0.05 | 20.95 -1.50 -0.02 | 22.21 -1.21 -0.09 | 25.30 -1.58 0.00 | 36.33 -2.65 0.00 | 36.17 -3.34 0.00 | 46.46 -3.91 0.00 | 41.24 -3.40 0.00 | 35.94 -2.77 0.00 | 27.45 -2.21 0.00 | 23.82 -1.56 0.00 | 25.56 -1.53 0.00 | 23.41 -0.99 0.00 |
| NEG WEST___LANCASTER 23811 | 27.04 -0.14 0.00 | 24.56 -0.13 0.00 | 25.03 0.06 0.00 | 33.37 -0.46 0.00 | 31.28 -0.01 0.00 | 40.12 0.11 0.00 | 34.11 -0.74 0.00 | 33.87 -0.76 0.00 | 31.63 -0.52 0.00 | 34.06 0.02 0.00 | 24.09 -0.08 -0.05 | 22.61 -0.23 -0.06 | 22.27 -0.19 -0.02 | 23.52 0.08 -0.10 | 26.93 0.06 0.00 | 38.61 -0.38 0.00 | 38.42 -1.09 0.00 | 49.21 -1.17 0.00 | 43.62 -1.03 0.00 | 37.98 -0.74 0.00 | 28.96 -0.70 0.00 | 25.13 -0.25 0.00 | 27.10 0.01 0.00 | 24.67 0.28 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 27.31 0.12 0.00 | 24.80 0.11 0.00 | 25.39 0.15 -0.27 | 33.98 0.15 0.00 | 31.51 0.22 0.00 | 40.42 0.42 0.00 | 35.11 0.26 0.00 | 35.13 0.49 0.00 | 32.64 0.49 0.00 | 34.59 0.55 0.00 | 24.57 0.35 -0.10 | 23.21 0.32 -0.12 | 22.77 0.29 -0.04 | 23.90 0.36 -0.21 | 27.31 0.44 0.00 | 39.56 0.57 0.00 | 40.07 0.56 0.00 | 51.09 0.71 0.00 | 45.21 0.57 0.00 | 39.22 0.51 0.00 | 30.00 0.34 0.00 | 25.74 0.34 -0.02 | 27.57 0.48 0.00 | 24.84 0.44 0.00 |
| NEG___GEN_MONROE 24207 | 26.45 -0.74 0.00 | 24.02 -0.67 0.00 | 24.37 -0.60 0.00 | 32.68 -1.16 0.00 | 30.49 -0.80 0.00 | 39.13 -0.87 0.00 | 33.60 -1.25 0.00 | 33.37 -1.27 0.00 | 31.04 -1.11 0.00 | 33.06 -0.98 0.00 | 23.41 -0.74 -0.04 | 21.97 -0.85 -0.04 | 21.61 -0.84 -0.02 | 22.68 -0.73 -0.08 | 26.01 -0.86 0.00 | 37.64 -1.34 0.00 | 37.87 -1.64 0.00 | 48.66 -1.71 0.00 | 43.14 -1.51 0.00 | 37.49 -1.23 0.00 | 28.61 -1.05 0.00 | 24.66 -0.72 0.00 | 26.33 -0.75 0.00 | 23.93 -0.46 0.00 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEPA__ENERGY 23901 | 26.14 -1.05 0.00 | 23.76 -0.93 0.00 | 24.19 -0.78 0.00 | 32.33 -1.51 0.00 | 30.40 -0.89 0.00 | 39.01 -1.00 0.00 | 33.36 -1.48 0.00 | 33.12 -1.52 0.00 | 30.93 -1.22 0.00 | 33.24 -0.81 0.00 | 23.43 -0.74 -0.05 | 21.98 -0.85 -0.06 | 21.65 -0.81 -0.02 | 22.87 -0.57 -0.10 | 26.13 -0.74 0.00 | 37.59 -1.39 0.00 | 37.53 -1.98 0.00 | 48.12 -2.26 0.00 | 42.72 -1.92 0.00 | 37.21 -1.50 0.00 | 28.41 -1.25 0.00 | 24.67 -0.71 0.00 | 26.50 -0.58 0.00 | 24.22 -0.18 0.00 |
| NEVERSink__HYD 23608 | 28.63 1.44 0.00 | 25.99 1.30 0.00 | 26.25 1.28 0.00 | 35.50 1.67 0.00 | 32.89 1.60 0.00 | 42.24 2.23 0.00 | 37.10 2.26 0.00 | 37.26 2.63 0.00 | 34.57 2.42 0.00 | 36.59 2.54 0.00 | 26.52 1.83 -0.57 | 25.17 1.75 -0.64 | 24.38 1.73 -0.21 | 26.26 1.83 -1.09 | 29.00 2.13 0.00 | 42.02 3.03 0.00 | 42.76 3.26 0.00 | 54.49 4.12 0.00 | 48.21 3.57 0.00 | 41.72 3.00 0.00 | 31.93 2.27 0.00 | 27.25 1.87 0.00 | 29.09 2.01 0.00 | 26.13 1.74 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 27.62 0.43 0.00 | 25.09 0.40 0.00 | 25.36 0.39 0.00 | 34.39 0.55 0.00 | 31.82 0.52 0.00 | 40.70 0.70 0.00 | 35.55 0.71 0.00 | 35.58 0.95 0.00 | 33.05 0.90 0.00 | 34.98 0.94 0.00 | 24.70 0.65 0.07 | 23.35 0.67 0.10 | 23.08 0.67 0.03 | 23.82 0.65 0.16 | 27.65 0.78 0.00 | 40.11 1.13 0.00 | 40.50 1.00 0.00 | 51.48 1.11 0.00 | 45.62 0.98 0.00 | 39.48 0.77 0.00 | 30.32 0.65 0.00 | 25.94 0.56 0.00 | 27.66 0.57 0.00 | 24.79 0.40 0.00 |
| NEWTON__FALLS_HYD 23847 | 26.73 -0.47 0.00 | 24.25 -0.45 0.00 | 24.36 -0.61 0.00 | 32.74 -1.10 0.00 | 30.32 -0.97 0.00 | 39.17 -0.84 0.00 | 34.38 -0.46 0.00 | 34.11 -0.53 0.00 | 31.18 -0.97 0.00 | 32.69 -1.35 0.00 | 22.91 -1.21 0.00 | 21.69 -1.09 0.00 | 21.29 -1.15 0.00 | 22.41 -0.92 0.00 | 26.22 -0.65 0.00 | 38.41 -0.57 0.00 | 39.45 -0.06 0.00 | 50.96 0.58 0.00 | 45.41 0.77 0.00 | 39.60 0.89 0.00 | 30.09 0.43 0.00 | 25.30 -0.08 0.00 | 27.17 0.08 0.00 | 24.51 0.12 0.00 |
| NGRID_A1_DSASP 323792 | 25.39 -1.80 0.00 | 23.06 -1.63 0.00 | 22.77 -1.49 0.71 | 31.26 -2.58 0.00 | 29.28 -2.01 0.00 | 37.55 -2.45 0.00 | 31.81 -3.04 0.00 | 31.38 -3.26 0.00 | 29.32 -2.83 0.00 | 31.59 -2.45 0.00 | 22.40 -1.77 -0.04 | 20.98 -1.85 -0.05 | 20.64 -1.82 -0.02 | 21.81 -1.61 -0.09 | 24.88 -1.99 0.00 | 35.69 -3.30 0.00 | 35.40 -4.11 0.00 | 45.42 -4.95 0.00 | 40.33 -4.31 0.00 | 35.17 -3.54 0.00 | 26.87 -2.79 0.00 | 23.29 -2.04 0.05 | 25.07 -2.02 0.00 | 23.10 -1.30 0.00 |
| NGRID_A2_DSASP 323793 | 25.39 -1.80 0.00 | 23.06 -1.63 0.00 | 22.77 -1.49 0.71 | 31.26 -2.58 0.00 | 29.28 -2.01 0.00 | 37.55 -2.45 0.00 | 31.81 -3.04 0.00 | 31.38 -3.26 0.00 | 29.32 -2.83 0.00 | 31.59 -2.45 0.00 | 22.40 -1.77 -0.04 | 20.98 -1.85 -0.05 | 20.64 -1.82 -0.02 | 21.81 -1.61 -0.09 | 24.88 -1.99 0.00 | 35.69 -3.30 0.00 | 35.40 -4.11 0.00 | 45.42 -4.95 0.00 | 40.33 -4.31 0.00 | 35.17 -3.54 0.00 | 26.87 -2.79 0.00 | 23.29 -2.04 0.05 | 25.07 -2.02 0.00 | 23.10 -1.30 0.00 |
| NGRID_A4_DSASP 323807 | 25.39 -1.80 0.00 | 23.06 -1.63 0.00 | 22.77 -1.49 0.71 | 31.26 -2.58 0.00 | 29.28 -2.01 0.00 | 37.55 -2.45 0.00 | 31.81 -3.04 0.00 | 31.38 -3.26 0.00 | 29.32 -2.83 0.00 | 31.59 -2.45 0.00 | 22.40 -1.77 -0.04 | 20.98 -1.85 -0.05 | 20.64 -1.82 -0.02 | 21.81 -1.61 -0.09 | 24.88 -1.99 0.00 | 35.69 -3.30 0.00 | 35.40 -4.11 0.00 | 45.42 -4.95 0.00 | 40.33 -4.31 0.00 | 35.17 -3.54 0.00 | 26.87 -2.79 0.00 | 23.29 -2.04 0.05 | 25.07 -2.02 0.00 | 23.10 -1.30 0.00 |
| NIAGARA_115E_LBMP 323715 | 25.47 -1.72 0.00 | 23.14 -1.55 0.00 | 22.78 -1.49 0.70 | 31.35 -2.48 0.00 | 29.38 -1.91 0.00 | 37.69 -2.31 0.00 | 31.89 -2.95 0.00 | 31.34 -3.30 0.00 | 29.29 -2.86 0.00 | 31.52 -2.52 0.00 | 22.34 -1.82 -0.04 | 20.92 -1.91 -0.05 | 20.58 -1.88 -0.02 | 21.77 -1.65 -0.09 | 24.81 -2.06 0.00 | 35.63 -3.36 0.00 | 35.38 -4.12 0.00 | 45.40 -4.98 0.00 | 40.31 -4.34 0.00 | 35.14 -3.57 0.00 | 26.85 -2.80 0.00 | 23.29 -2.04 0.05 | 25.06 -2.03 0.00 | 22.97 -1.42 0.00 |
| NIAGARA_115W_LBMP 323714 | 25.34 -1.85 0.00 | 23.02 -1.67 0.00 | 22.73 -1.53 0.71 | 31.20 -2.63 0.00 | 29.23 -2.07 0.00 | 37.48 -2.52 0.00 | 31.73 -3.11 0.00 | 31.31 -3.33 0.00 | 29.26 -2.89 0.00 | 31.52 -2.52 0.00 | 22.35 -1.81 -0.04 | 20.94 -1.89 -0.05 | 20.60 -1.85 -0.02 | 21.77 -1.66 -0.09 | 24.83 -2.04 0.00 | 35.61 -3.37 0.00 | 35.32 -4.18 0.00 | 45.31 -5.06 0.00 | 40.25 -4.40 0.00 | 35.09 -3.62 0.00 | 26.81 -2.85 0.00 | 23.24 -2.09 0.05 | 25.02 -2.07 0.00 | 23.06 -1.33 0.00 |
| NIAGARA_230_LBMP 323716 | 25.57 -1.62 0.00 | 23.23 -1.46 0.00 | 22.92 -1.34 0.70 | 31.50 -2.33 0.00 | 29.51 -1.79 0.00 | 37.83 -2.18 0.00 | 32.08 -2.76 0.00 | 31.68 -2.96 0.00 | 29.57 -2.58 0.00 | 31.85 -2.19 0.00 | 22.56 -1.60 -0.04 | 21.14 -1.69 -0.05 | 20.80 -1.66 -0.02 | 21.97 -1.46 -0.09 | 25.08 -1.78 0.00 | 35.99 -2.99 0.00 | 35.74 -3.77 0.00 | 45.86 -4.52 0.00 | 40.72 -3.93 0.00 | 35.49 -3.23 0.00 | 27.10 -2.56 0.00 | 23.47 -1.86 0.05 | 25.25 -1.84 0.00 | 23.14 -1.25 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 25.34 -1.85 0.00 | 23.02 -1.67 0.00 | 23.43 -1.53 0.00 | 31.20 -2.63 0.00 | 29.23 -2.07 0.00 | 37.48 -2.52 0.00 | 31.75 -3.09 0.00 | 31.31 -3.33 0.00 | 29.26 -2.89 0.00 | 31.49 -2.55 0.00 | 22.30 -1.87 -0.04 | 20.91 -1.92 -0.05 | 20.60 -1.86 -0.02 | 21.75 -1.68 -0.09 | 24.83 -2.04 0.00 | 35.61 -3.37 0.00 | 35.32 -4.19 0.00 | 45.32 -5.06 0.00 | 40.24 -4.40 0.00 | 35.09 -3.63 0.00 | 26.82 -2.84 0.00 | 23.30 -2.08 0.00 | 25.02 -2.07 0.00 | 23.06 -1.33 0.00 |
| NIAGARA____ 23760 | 25.57 -1.62 0.00 | 23.23 -1.46 0.00 | 22.93 -1.34 0.70 | 31.50 -2.33 0.00 | 29.51 -1.79 0.00 | 37.83 -2.18 0.00 | 32.08 -2.76 0.00 | 31.68 -2.96 0.00 | 29.57 -2.58 0.00 | 31.85 -2.19 0.00 | 22.56 -1.60 -0.04 | 21.14 -1.69 -0.05 | 20.80 -1.66 -0.02 | 21.97 -1.46 -0.09 | 25.08 -1.78 0.00 | 35.99 -2.99 0.00 | 35.74 -3.77 0.00 | 45.86 -4.52 0.00 | 40.72 -3.93 0.00 | 35.49 -3.23 0.00 | 27.10 -2.56 0.00 | 23.47 -1.86 0.05 | 25.25 -1.84 0.00 | 23.14 -1.25 0.00 |
| NINE_MILE_1 23575 | 26.35 -0.84 0.00 | 23.93 -0.76 0.00 | 24.21 -0.76 0.00 | 32.76 -1.07 0.00 | 30.32 -0.97 0.00 | 38.68 -1.33 0.00 | 33.54 -1.30 0.00 | 33.40 -1.23 0.00 | 31.01 -1.14 0.00 | 32.84 -1.20 0.00 | 23.32 -0.82 -0.02 | 22.03 -0.77 -0.02 | 21.68 -0.77 -0.01 | 22.57 -0.80 -0.04 | 25.90 -0.97 0.00 | 37.59 -1.39 0.00 | 38.10 -1.41 0.00 | 48.62 -1.76 0.00 | 43.07 -1.58 0.00 | 37.37 -1.35 0.00 | 28.61 -1.05 0.00 | 24.51 -0.87 0.00 | 26.14 -0.94 0.00 | 23.62 -0.78 0.00 |
| NINE_MILE_2 23744 | 26.35 -0.84 0.00 | 23.94 -0.76 0.00 | 24.21 -0.76 0.00 | 32.76 -1.07 0.00 | 30.32 -0.97 0.00 | 38.68 -1.33 0.00 | 33.54 -1.30 0.00 | 33.40 -1.23 0.00 | 31.01 -1.14 0.00 | 32.85 -1.19 0.00 | 23.32 -0.82 -0.02 | 22.03 -0.77 -0.02 | 21.68 -0.77 -0.01 | 22.58 -0.80 -0.04 | 25.90 -0.97 0.00 | 37.60 -1.38 0.00 | 38.10 -1.41 0.00 | 48.62 -1.76 0.00 | 43.07 -1.57 0.00 | 37.37 -1.35 0.00 | 28.61 -1.05 0.00 | 24.51 -0.87 0.00 | 26.15 -0.94 0.00 | 23.62 -0.78 0.00 |
| NM_CAPITAL__DRP 24208 | 27.72 0.54 0.00 | 25.18 0.48 0.00 | 25.44 0.48 0.00 | 34.49 0.66 0.00 | 31.93 0.64 0.00 | 40.85 0.85 0.00 | 35.65 0.81 0.00 | 35.68 1.05 0.00 | 33.15 1.00 0.00 | 35.09 1.05 0.00 | 24.79 0.74 0.08 | 23.41 0.73 0.10 | 23.14 0.73 0.03 | 23.89 0.72 0.17 | 27.74 0.86 0.00 | 40.23 1.24 0.00 | 40.67 1.16 0.00 | 51.69 1.31 0.00 | 45.80 1.16 0.00 | 39.64 0.92 0.00 | 30.45 0.79 0.00 | 26.07 0.69 0.00 | 27.80 0.71 0.00 | 24.91 0.52 0.00 |

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| NM_CENTRAL___DRP 24181 | 26.82 -0.37 0.00 | 24.36 -0.33 0.00 | 24.65 -0.31 0.00 | 33.34 -0.49 0.00 | 30.91 -0.38 0.00 | 39.50 -0.50 0.00 | 34.28 -0.56 0.00 | 34.19 -0.45 0.00 | 31.75 -0.40 0.00 | 33.63 -0.41 0.00 | 23.87 -0.28 -0.03 | 22.52 -0.29 -0.03 | 22.15 -0.30 -0.01 | 23.09 -0.30 -0.06 | 26.50 -0.37 0.00 | 38.48 -0.51 0.00 | 39.01 -0.50 0.00 | 49.78 -0.59 0.00 | 44.08 -0.57 0.00 | 38.22 -0.49 0.00 | 29.25 -0.41 0.00 | 25.08 -0.30 0.00 | 26.74 -0.35 0.00 | 24.14 -0.25 0.00 |
| NM_FRONTIER___DRP 24179 | 25.34 -1.85 0.00 | 23.02 -1.67 0.00 | 23.43 -1.53 0.00 | 31.20 -2.63 0.00 | 29.23 -2.07 0.00 | 37.48 -2.52 0.00 | 31.75 -3.09 0.00 | 31.31 -3.33 0.00 | 29.26 -2.89 0.00 | 31.49 -2.55 0.00 | 22.30 -1.87 -0.04 | 20.91 -1.92 -0.05 | 20.60 -1.86 -0.02 | 21.75 -1.68 -0.09 | 24.83 -2.04 0.00 | 35.61 -3.37 0.00 | 35.32 -4.19 0.00 | 45.32 -5.06 0.00 | 40.24 -4.40 0.00 | 35.09 -3.63 0.00 | 26.82 -2.84 0.00 | 23.30 -2.08 0.00 | 25.02 -2.07 0.00 | 23.06 -1.33 0.00 |
| NM_ST_REGIS___HYD 24053 | 26.85 -0.35 0.00 | 24.26 -0.43 0.00 | 24.47 -0.50 0.00 | 32.62 -1.21 0.00 | 29.73 -1.56 0.00 | 38.29 -1.71 0.00 | 33.67 -1.18 0.00 | 33.24 -1.40 0.00 | 30.43 -1.72 0.00 | 32.26 -1.78 0.00 | 22.72 -1.40 0.00 | 21.58 -1.20 0.00 | 21.20 -1.24 0.00 | 22.36 -0.97 0.00 | 26.00 -0.87 0.00 | 37.54 -1.45 0.00 | 38.49 -1.02 0.00 | 50.08 -0.29 0.00 | 44.85 0.21 0.00 | 39.24 0.53 0.00 | 29.79 0.13 0.00 | 24.97 -0.41 0.00 | 26.85 -0.23 0.00 | 24.26 -0.14 0.00 |
| NORTHPORT___1 23551 | 28.57 1.38 0.00 | 26.16 1.47 0.00 | 26.37 1.40 0.00 | 35.30 1.47 0.00 | 32.72 1.43 0.00 | 37.82 1.84 4.02 | 37.27 2.42 0.00 | 37.11 2.47 0.00 | 34.76 2.61 0.00 | 45.51 2.80 -8.67 | 64.54 2.14 -38.28 | 26.52 2.25 -1.50 | 25.11 2.27 -0.40 | 27.50 2.14 -2.02 | 28.90 2.32 0.28 | 27.36 3.04 14.66 | 42.56 3.05 0.00 | 54.10 3.73 0.00 | 41.99 3.39 6.04 | 42.19 3.00 -0.47 | 38.62 2.44 -6.52 | 3.13 1.81 24.06 | 29.18 2.10 0.00 | 26.33 1.93 0.00 |
| NORTHPORT___2 23552 | 28.57 1.38 0.00 | 26.16 1.47 0.00 | 26.37 1.40 0.00 | 35.30 1.47 0.00 | 32.72 1.43 0.00 | 40.66 1.84 1.18 | 37.27 2.42 0.00 | 37.11 2.47 0.00 | 34.76 2.61 0.00 | 45.51 2.80 -8.67 | 64.54 2.14 -38.28 | 26.52 2.25 -1.50 | 25.11 2.27 -0.40 | 27.50 2.14 -2.02 | 29.10 2.32 0.08 | 37.71 3.04 4.31 | 42.56 3.05 0.00 | 54.10 3.73 0.00 | 41.99 3.39 6.04 | 42.19 3.00 -0.47 | 38.62 2.44 -6.52 | 20.11 1.81 7.08 | 29.18 2.10 0.00 | 26.33 1.93 0.00 |
| NORTHPORT___3 23553 | 28.50 1.31 0.00 | 26.07 1.37 0.00 | 26.29 1.32 0.00 | 35.23 1.40 0.00 | 32.68 1.39 0.00 | 41.72 1.71 0.00 | 37.04 2.20 0.00 | 36.92 2.28 0.00 | 34.54 2.39 0.00 | 45.26 2.55 -8.67 | 64.38 1.98 -38.28 | 26.37 2.09 -1.50 | 24.96 2.12 -0.40 | 27.41 2.06 -2.02 | 29.04 2.16 0.00 | 41.78 2.80 0.00 | 42.35 2.85 0.00 | 53.81 3.44 0.00 | 40.65 3.08 7.08 | 41.93 2.74 -0.48 | 38.45 2.24 -6.55 | 27.07 1.69 0.00 | 29.01 1.92 0.00 | 26.18 1.79 0.00 |
| NORTHPORT___4 23650 | 28.50 1.31 0.00 | 26.07 1.37 0.00 | 26.29 1.32 0.00 | 35.23 1.40 0.00 | 32.68 1.39 0.00 | 41.72 1.71 0.00 | 37.04 2.20 0.00 | 36.92 2.28 0.00 | 34.54 2.39 0.00 | 45.26 2.55 -8.67 | 64.38 1.98 -38.28 | 26.37 2.09 -1.50 | 24.96 2.12 -0.40 | 27.41 2.06 -2.02 | 29.04 2.16 0.00 | 41.78 2.80 0.00 | 42.35 2.85 0.00 | 53.81 3.44 0.00 | 40.65 3.08 7.08 | 41.93 2.74 -0.48 | 38.45 2.24 -6.55 | 27.07 1.69 0.00 | 29.01 1.92 0.00 | 26.18 1.79 0.00 |
| NORTHPORT___IC 23718 | 28.57 1.38 0.00 | 26.16 1.47 0.00 | 26.37 1.40 0.00 | 35.30 1.46 0.00 | 32.71 1.42 0.00 | 37.83 1.85 4.02 | 37.27 2.42 0.00 | 37.11 2.47 0.00 | 34.75 2.60 0.00 | 45.50 2.79 -8.67 | 64.53 2.13 -38.28 | 26.52 2.25 -1.50 | 25.11 2.27 -0.40 | 27.50 2.15 -2.02 | 28.90 2.31 0.28 | 27.36 3.04 14.66 | 42.56 3.06 0.00 | 54.10 3.73 0.00 | 42.02 3.42 6.04 | 42.19 3.00 -0.47 | 38.61 2.42 -6.52 | 3.13 1.81 24.06 | 29.18 2.10 0.00 | 26.33 1.94 0.00 |
| NORTH___COUNTRY_ESR 323785 | 26.54 -0.64 0.00 | 23.94 -0.76 0.00 | 24.17 -0.79 0.00 | 32.06 -1.77 0.00 | 28.98 -2.31 0.00 | 37.23 -2.78 0.00 | 32.80 -2.04 0.00 | 32.35 -2.29 0.00 | 29.68 -2.47 0.00 | 31.50 -2.55 0.00 | 22.30 -1.82 0.00 | 21.18 -1.60 0.00 | 20.69 -1.75 0.00 | 21.75 -1.58 0.00 | 25.29 -1.58 0.00 | 36.39 -2.59 0.00 | 37.10 -2.41 0.00 | 48.27 -2.11 0.00 | 43.44 -1.20 0.00 | 38.11 -0.61 0.00 | 29.03 -0.63 0.00 | 24.58 -0.80 0.00 | 26.36 -0.73 0.00 | 23.83 -0.56 0.00 |
| NPX_GEN_1385_PROXY 323591 | 28.53 1.34 0.00 | 26.27 1.58 0.00 | 26.54 1.58 0.00 | 35.54 1.71 0.00 | 32.67 1.38 0.00 | 37.78 1.80 4.02 | 37.71 2.86 0.00 | 37.60 2.96 0.00 | 35.15 3.00 0.00 | 47.31 3.38 -9.88 | 64.82 2.43 -38.28 | 25.95 2.24 -0.94 | 25.12 2.28 -0.40 | 27.10 1.74 -2.02 | 28.87 2.28 0.28 | 27.67 3.34 14.66 | 43.05 3.54 0.00 | 55.06 4.69 0.00 | 42.97 4.36 6.04 | 42.75 3.56 -0.47 | 39.02 2.84 -6.52 | 3.09 1.78 24.06 | 29.25 2.17 0.00 | 26.33 1.93 0.00 |
| NPX_GEN_CSC 323557 | 28.80 1.61 0.00 | 26.45 1.76 0.00 | 26.67 1.70 0.00 | 35.59 1.76 0.00 | 33.20 1.91 0.00 | 42.33 2.33 0.00 | 37.35 2.51 0.00 | 36.79 2.15 0.00 | 34.57 2.42 0.00 | 46.35 2.43 -9.88 | 64.30 1.90 -38.28 | 25.84 2.12 -0.94 | 25.01 2.17 -0.40 | 27.46 2.10 -2.02 | 29.03 2.16 0.00 | 42.28 3.30 0.00 | 42.66 3.16 0.00 | 53.70 3.32 0.00 | 41.45 3.23 6.42 | 42.36 3.17 -0.48 | 39.01 2.75 -6.61 | 27.23 1.85 0.00 | 29.15 2.06 0.00 | 26.41 2.02 0.00 |
| NSINS_S__GLNS_FALLS 23858 | 29.00 1.81 0.00 | 26.31 1.61 0.00 | 26.59 1.62 0.00 | 35.95 2.11 0.00 | 33.37 2.08 0.00 | 42.81 2.80 0.00 | 37.53 2.69 0.00 | 37.45 2.81 0.00 | 34.81 2.66 0.00 | 36.63 2.59 0.00 | 25.77 1.72 0.07 | 24.25 1.57 0.09 | 24.00 1.60 0.03 | 24.90 1.73 0.16 | 28.97 2.10 0.00 | 42.24 3.25 0.00 | 42.79 3.28 0.00 | 54.59 4.22 0.00 | 48.17 3.53 0.00 | 41.67 2.95 0.00 | 31.99 2.32 0.00 | 27.37 1.99 0.00 | 29.20 2.11 0.00 | 26.10 1.70 0.00 |
| NUCOR_STEEL___DRP 24197 | 27.15 -0.05 0.00 | 24.69 -0.01 0.00 | 24.90 -0.06 0.00 | 33.76 -0.07 0.00 | 31.32 0.03 0.00 | 40.10 0.10 0.00 | 34.84 0.00 0.00 | 34.72 0.08 0.00 | 32.10 -0.05 0.00 | 34.09 0.05 0.00 | 24.07 -0.09 -0.04 | 22.78 -0.04 -0.05 | 22.37 -0.08 -0.02 | 23.24 -0.17 -0.08 | 26.78 -0.09 0.00 | 39.01 0.03 0.00 | 39.41 -0.10 0.00 | 50.57 0.20 0.00 | 44.77 0.12 0.00 | 38.83 0.11 0.00 | 29.70 0.04 0.00 | 25.37 -0.02 0.00 | 27.05 -0.03 0.00 | 24.52 0.13 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 26.63 -0.56 0.00 | 24.29 -0.41 0.00 | 24.28 -0.68 0.00 | 32.88 -0.95 0.00 | 30.91 -0.38 0.00 | 40.04 0.03 0.00 | 35.11 0.27 0.00 | 35.00 0.37 0.00 | 32.05 -0.09 0.00 | 33.35 -0.69 0.00 | 23.30 -0.82 0.00 | 21.94 -0.84 0.00 | 21.48 -0.96 0.00 | 22.50 -0.84 0.00 | 26.49 -0.38 0.00 | 39.17 0.19 0.00 | 40.33 0.82 0.00 | 51.70 1.32 0.00 | 45.90 1.25 0.00 | 39.93 1.22 0.00 | 30.39 0.73 0.00 | 25.76 0.38 0.00 | 27.56 0.47 0.00 | 24.81 0.41 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 27.19 0.00 0.00 | 24.69 0.00 0.00 | 24.96 0.00 0.00 | 33.83 0.00 0.00 | 31.29 0.00 0.00 | 40.00 0.00 0.00 | 34.84 0.00 0.00 | 34.64 0.00 0.00 | 32.15 0.00 0.00 | 34.04 0.00 0.00 | 24.12 0.00 0.00 | 22.78 0.00 0.00 | 22.44 0.00 0.00 | 23.33 0.00 0.00 | 26.87 0.00 0.00 | 38.98 0.00 0.00 | 39.51 0.00 0.00 | 50.37 0.00 0.00 | 44.64 0.00 0.00 | 38.72 0.00 0.00 | 29.66 0.00 0.00 | 25.38 0.00 0.00 | 27.09 0.00 0.00 | 24.39 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 28.84 1.65 0.00 | 26.38 1.69 0.00 | 26.59 1.62 0.00 | 35.62 1.79 0.00 | 33.07 1.78 0.00 | 42.36 2.35 0.00 | 37.69 2.85 0.00 | 37.53 2.89 0.00 | 35.14 2.99 0.00 | 45.83 3.13 -8.67 | 64.75 2.35 -38.28 | 26.70 2.43 -1.50 | 25.29 2.45 -0.40 | 27.75 2.39 -2.02 | 29.49 2.61 0.00 | 42.55 3.56 0.00 | 42.96 3.46 0.00 | 54.53 4.16 0.00 | 42.82 3.93 5.75 | 42.77 3.56 -0.49 | 39.26 2.86 -6.74 | 27.53 2.16 0.00 | 29.49 2.40 0.00 | 26.58 2.19 0.00 |
| NYPA_GOWANUS____GT5 24156 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |
| NYPA_GOWANUS____GT6 24157 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.46 0.00 | 35.61 1.78 0.00 | 33.04 1.75 0.00 | 42.54 2.54 0.00 | 37.43 2.59 0.00 | 37.64 3.00 0.00 | 35.05 2.90 0.00 | 117.80 3.25 -80.50 | 373.08 2.41 -346.55 | 29.09 2.30 -4.02 | 25.03 2.19 -0.40 | 27.58 2.22 -2.02 | 29.39 2.52 0.00 | 42.33 3.35 0.00 | 42.87 3.37 0.00 | 54.47 4.10 0.00 | 48.14 3.49 0.00 | 41.76 3.05 0.00 | 32.03 2.37 0.00 | 27.29 1.91 0.00 | 29.13 2.05 0.00 | 26.21 1.81 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 28.63 1.44 0.00 | 26.03 1.33 0.00 | 26.25 1.29 0.00 | 35.27 1.44 0.01 | 32.75 1.46 0.00 | 42.18 2.17 0.00 | 37.14 2.30 0.00 | 37.35 2.71 0.00 | 34.75 2.60 0.00 | 116.09 2.90 -79.15 | 367.13 2.27 -340.73 | 28.91 2.15 -3.98 | 24.86 2.02 -0.40 | 27.41 2.05 -2.02 | 29.14 2.27 0.00 | 41.99 3.01 0.00 | 42.62 3.12 0.00 | 54.16 3.79 0.00 | 47.80 3.16 0.00 | 41.46 2.75 0.00 | 31.78 2.12 0.00 | 27.07 1.69 0.00 | 28.94 1.85 0.00 | 26.04 1.65 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 28.63 1.44 0.00 | 26.03 1.33 0.00 | 26.25 1.29 0.00 | 35.27 1.44 0.01 | 32.75 1.46 0.00 | 42.18 2.17 0.00 | 37.14 2.30 0.00 | 37.35 2.71 0.00 | 34.75 2.60 0.00 | 116.09 2.90 -79.15 | 367.13 2.27 -340.73 | 28.91 2.15 -3.98 | 24.86 2.02 -0.40 | 27.41 2.05 -2.02 | 29.14 2.27 0.00 | 41.99 3.01 0.00 | 42.62 3.12 0.00 | 54.16 3.79 0.00 | 47.80 3.16 0.00 | 41.46 2.75 0.00 | 31.78 2.12 0.00 | 27.07 1.69 0.00 | 28.94 1.85 0.00 | 26.04 1.65 0.00 |
| NYPA_KENT____GT 24152 | 28.78 1.60 0.00 | 26.17 1.48 0.00 | 26.39 1.43 0.00 | 35.56 1.73 0.00 | 32.98 1.69 0.00 | 42.47 2.46 0.00 | 37.35 2.51 0.00 | 37.56 2.93 0.00 | 34.98 2.83 0.00 | 117.20 3.19 -79.97 | 370.71 2.35 -344.24 | 29.04 2.26 -4.00 | 25.02 2.18 -0.40 | 27.57 2.22 -2.02 | 29.38 2.51 0.00 | 42.28 3.30 0.00 | 42.81 3.30 0.00 | 54.38 4.01 0.00 | 48.05 3.40 0.00 | 41.68 2.96 0.00 | 32.00 2.34 0.00 | 27.25 1.87 0.00 | 29.08 2.00 0.00 | 26.17 1.78 0.00 |
| NYPA_POUCH1____GT 24155 | 28.81 1.62 0.00 | 26.21 1.52 0.00 | 26.43 1.47 0.00 | 35.63 1.80 0.00 | 33.05 1.76 0.00 | 42.58 2.58 0.00 | 37.46 2.61 0.00 | 37.65 3.02 0.00 | 35.06 2.90 0.00 | 117.79 3.25 -80.50 | 373.07 2.39 -346.55 | 29.07 2.27 -4.02 | 24.96 2.12 -0.40 | 27.51 2.16 -2.02 | 29.31 2.44 0.00 | 42.22 3.24 0.00 | 42.78 3.27 0.00 | 54.37 4.00 0.00 | 48.04 3.40 0.00 | 41.69 2.98 0.00 | 31.98 2.32 0.00 | 27.25 1.87 0.00 | 29.10 2.01 0.00 | 26.17 1.78 0.00 |
| NYPA_VERNON____GT2 24162 | 28.74 1.55 0.00 | 26.13 1.44 0.00 | 26.35 1.38 0.00 | 35.50 1.67 0.00 | 32.92 1.63 0.00 | 42.36 2.35 0.00 | 37.27 2.43 0.00 | 37.46 2.83 0.00 | 34.91 2.76 0.00 | 116.58 3.11 -79.43 | 368.35 2.29 -341.93 | 28.98 2.22 -3.99 | 25.00 2.16 -0.40 | 27.55 2.20 -2.02 | 29.35 2.48 0.00 | 42.24 3.25 0.00 | 42.76 3.25 0.00 | 54.33 3.96 0.00 | 47.99 3.34 0.00 | 41.61 2.90 0.00 | 31.94 2.28 0.00 | 27.20 1.82 0.00 | 29.02 1.94 0.00 | 26.12 1.73 0.00 |
| NYPA_VERNON____GT3 24163 | 28.74 1.55 0.00 | 26.13 1.44 0.00 | 26.35 1.38 0.00 | 35.50 1.67 0.00 | 32.92 1.63 0.00 | 42.36 2.35 0.00 | 37.27 2.43 0.00 | 37.46 2.83 0.00 | 34.91 2.76 0.00 | 116.58 3.11 -79.43 | 368.35 2.29 -341.93 | 28.98 2.22 -3.99 | 25.00 2.16 -0.40 | 27.55 2.20 -2.02 | 29.35 2.48 0.00 | 42.24 3.25 0.00 | 42.76 3.25 0.00 | 54.33 3.96 0.00 | 47.99 3.34 0.00 | 41.61 2.90 0.00 | 31.94 2.28 0.00 | 27.20 1.82 0.00 | 29.02 1.94 0.00 | 26.12 1.73 0.00 |
| NYPA__ASTORIA_CC1 323568 | 28.70 1.51 0.00 | 26.10 1.41 0.00 | 26.31 1.35 0.00 | 35.43 1.60 0.00 | 32.86 1.57 0.00 | 42.28 2.27 0.00 | 37.20 2.36 0.00 | 37.39 2.75 0.00 | 34.84 2.69 0.00 | 116.22 3.03 -79.15 | 367.09 2.23 -340.73 | 28.92 2.17 -3.98 | 24.95 2.11 -0.40 | 27.50 2.15 -2.02 | 29.28 2.41 0.00 | 42.13 3.15 0.00 | 42.66 3.15 0.00 | 54.19 3.82 0.00 | 47.88 3.24 0.00 | 41.52 2.81 0.00 | 31.88 2.22 0.00 | 27.14 1.76 0.00 | 28.96 1.87 0.00 | 26.07 1.68 0.00 |
| NYPA__ASTORIA_CC2 323569 | 28.70 1.51 0.00 | 26.10 1.41 0.00 | 26.31 1.35 0.00 | 35.43 1.60 0.00 | 32.86 1.57 0.00 | 42.28 2.27 0.00 | 37.20 2.36 0.00 | 37.39 2.75 0.00 | 34.84 2.69 0.00 | 116.22 3.03 -79.15 | 367.09 2.23 -340.73 | 28.92 2.17 -3.98 | 24.95 2.11 -0.40 | 27.50 2.15 -2.02 | 29.28 2.41 0.00 | 42.13 3.15 0.00 | 42.66 3.15 0.00 | 54.19 3.82 0.00 | 47.88 3.24 0.00 | 41.52 2.81 0.00 | 31.88 2.22 0.00 | 27.14 1.76 0.00 | 28.96 1.87 0.00 | 26.07 1.68 0.00 |
| NYPA__HOLTSVILL 23794 | 28.69 1.50 0.00 | 26.26 1.57 0.00 | 26.47 1.50 0.00 | 35.43 1.60 0.00 | 32.92 1.63 0.00 | 42.09 2.08 0.00 | 37.37 2.53 0.00 | 37.14 2.50 0.00 | 34.79 2.64 0.00 | 45.45 2.74 -8.67 | 64.49 2.09 -38.28 | 26.47 2.20 -1.50 | 25.07 2.24 -0.40 | 27.52 2.16 -2.02 | 29.21 2.34 0.00 | 42.18 3.19 0.00 | 42.71 3.20 0.00 | 54.14 3.77 0.00 | 41.64 3.46 6.46 | 42.35 3.15 -0.48 | 38.84 2.58 -6.60 | 27.27 1.89 0.00 | 29.22 2.13 0.00 | 26.36 1.97 0.00 |
| NYPA__HELLGATE_GT1 24158 | 28.63 1.44 0.00 | 26.03 1.33 0.00 | 26.25 1.29 0.00 | 35.27 1.44 0.00 | 32.75 1.46 0.00 | 42.18 2.17 0.00 | 37.11 2.27 0.01 | 37.28 2.66 0.02 | 34.72 2.57 0.00 | 116.09 2.90 -79.15 | 367.13 2.27 -340.73 | 28.91 2.15 -3.98 | 24.86 2.02 -0.40 | 27.41 2.05 -2.02 | 29.14 2.27 0.00 | 41.99 3.01 0.00 | 42.62 3.12 0.00 | 54.16 3.79 0.00 | 47.80 3.16 0.00 | 41.46 2.75 0.00 | 31.78 2.12 0.00 | 27.07 1.69 0.00 | 28.94 1.85 0.00 | 26.04 1.65 0.00 |
| NYPA__HELLGATE_GT2 24159 | 28.63 1.44 0.00 | 26.03 1.33 0.00 | 26.25 1.29 0.00 | 35.27 1.44 0.00 | 32.75 1.46 0.00 | 42.18 2.17 0.00 | 37.11 2.27 0.01 | 37.28 2.66 0.02 | 34.72 2.57 0.00 | 116.09 2.90 -79.15 | 367.13 2.27 -340.73 | 28.91 2.15 -3.98 | 24.86 2.02 -0.40 | 27.41 2.05 -2.02 | 29.14 2.27 0.00 | 41.99 3.01 0.00 | 42.62 3.12 0.00 | 54.16 3.79 0.00 | 47.80 3.16 0.00 | 41.46 2.75 0.00 | 31.78 2.12 0.00 | 27.07 1.69 0.00 | 28.94 1.85 0.00 | 26.04 1.65 0.00 |
| NYS_BARGE__HYD 23848 | 25.83 -1.36 0.00 | 23.46 -1.23 0.00 | 23.21 -1.13 0.63 | 31.82 -2.01 0.00 | 29.83 -1.47 0.00 | 38.27 -1.73 0.00 | 32.49 -2.36 0.00 | 32.03 -2.60 0.00 | 29.91 -2.24 0.00 | 32.14 -1.90 0.00 | 22.77 -1.39 -0.04 | 21.31 -1.52 -0.05 | 20.96 -1.50 -0.02 | 22.25 -1.17 -0.09 | 25.29 -1.58 0.00 | 36.34 -2.65 0.00 | 36.20 -3.31 0.00 | 46.49 -3.88 0.00 | 41.27 -3.38 0.00 | 35.95 -2.76 0.00 | 27.46 -2.21 0.00 | 23.78 -1.55 0.05 | 25.56 -1.52 0.00 | 23.41 -0.98 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OAK ORCHARD___HYD 24046 | 26.31 -0.88 0.00 | 23.88 -0.81 0.00 | 23.87 -0.73 0.36 | 32.52 -1.31 0.00 | 30.32 -0.97 0.00 | 38.86 -1.15 0.00 | 33.38 -1.46 0.00 | 33.18 -1.46 0.00 | 30.85 -1.30 0.00 | 32.92 -1.12 0.00 | 23.34 -0.82 -0.04 | 21.92 -0.90 -0.04 | 21.56 -0.90 -0.02 | 22.58 -0.83 -0.08 | 25.92 -0.95 0.00 | 37.50 -1.49 0.00 | 37.68 -1.83 0.00 | 48.33 -2.05 0.00 | 42.85 -1.80 0.00 | 37.23 -1.49 0.00 | 28.42 -1.24 0.00 | 24.46 -0.90 0.03 | 26.15 -0.94 0.00 | 23.75 -0.64 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 27.25 0.06 0.00 | 24.73 0.04 0.00 | 25.05 0.09 0.00 | 33.90 0.06 0.00 | 31.42 0.13 0.00 | 40.30 0.30 0.00 | 34.99 0.14 0.00 | 35.00 0.36 0.00 | 32.53 0.38 0.00 | 34.49 0.44 0.00 | 24.50 0.29 -0.10 | 23.16 0.26 -0.12 | 22.71 0.23 -0.04 | 23.83 0.30 -0.21 | 27.23 0.35 0.00 | 39.43 0.45 0.00 | 39.93 0.42 0.00 | 50.90 0.53 0.00 | 45.06 0.42 0.00 | 39.08 0.37 0.00 | 29.90 0.24 0.00 | 25.63 0.25 0.00 | 27.47 0.38 0.00 | 24.75 0.36 0.00 |
| OCC_CHEM___DRP 24175 | 25.39 -1.80 0.00 | 23.06 -1.63 0.00 | 23.48 -1.48 0.00 | 31.26 -2.58 0.00 | 29.28 -2.01 0.00 | 37.56 -2.45 0.00 | 31.82 -3.02 0.00 | 31.38 -3.26 0.00 | 29.33 -2.82 0.00 | 31.57 -2.48 0.00 | 22.34 -1.82 -0.04 | 20.95 -1.88 -0.05 | 20.64 -1.82 -0.02 | 21.80 -1.63 -0.09 | 24.88 -1.99 0.00 | 35.69 -3.30 0.00 | 35.39 -4.12 0.00 | 45.43 -4.95 0.00 | 40.33 -4.31 0.00 | 35.17 -3.55 0.00 | 26.88 -2.78 0.00 | 23.34 -2.04 0.00 | 25.06 -2.02 0.00 | 23.09 -1.30 0.00 |
| OH_GEN_PROXY 24063 | 25.61 -1.58 0.00 | 23.26 -1.43 0.00 | 22.89 -1.29 0.78 | 31.56 -2.27 0.00 | 29.56 -1.73 0.00 | 37.90 -2.10 0.00 | 32.18 -2.66 0.00 | 31.81 -2.83 0.00 | 29.69 -2.46 0.00 | 33.20 -2.05 -1.21 | 22.65 -1.51 -0.04 | 20.67 -1.60 0.50 | 20.89 -1.56 -0.02 | 22.06 -1.37 -0.09 | 25.20 -1.67 0.00 | 36.15 -2.83 0.00 | 35.90 -3.60 0.00 | 46.07 -4.31 0.00 | 40.89 -3.75 0.00 | 35.62 -3.09 0.00 | 27.20 -2.46 0.00 | 23.54 -1.78 0.06 | 25.33 -1.76 0.00 | 23.19 -1.21 0.00 |
| OLIN_CORP_DRP 24177 | 25.51 -1.68 0.00 | 23.17 -1.53 0.00 | 23.52 -1.45 0.00 | 31.40 -2.43 0.00 | 29.42 -1.87 0.00 | 37.73 -2.27 0.00 | 31.96 -2.88 0.00 | 31.41 -3.23 0.00 | 29.36 -2.79 0.00 | 31.56 -2.48 0.00 | 22.33 -1.83 -0.04 | 20.94 -1.90 -0.05 | 20.62 -1.84 -0.02 | 21.80 -1.62 -0.09 | 24.87 -2.01 0.00 | 35.71 -3.28 0.00 | 35.46 -4.05 0.00 | 45.52 -4.85 0.00 | 40.41 -4.23 0.00 | 35.24 -3.48 0.00 | 26.93 -2.74 0.00 | 23.39 -1.99 0.00 | 25.11 -1.98 0.00 | 23.01 -1.38 0.00 |
| OLIN_CORP_DSASP 323712 | 25.39 -1.80 0.00 | 23.06 -1.63 0.00 | 22.77 -1.49 0.71 | 31.26 -2.58 0.00 | 29.28 -2.01 0.00 | 37.55 -2.45 0.00 | 31.81 -3.04 0.00 | 31.38 -3.26 0.00 | 29.32 -2.83 0.00 | 31.59 -2.45 0.00 | 22.40 -1.77 -0.04 | 20.98 -1.85 -0.05 | 20.64 -1.82 -0.02 | 21.81 -1.61 -0.09 | 24.88 -1.99 0.00 | 35.69 -3.30 0.00 | 35.40 -4.11 0.00 | 45.42 -4.95 0.00 | 40.33 -4.31 0.00 | 35.17 -3.54 0.00 | 26.87 -2.79 0.00 | 23.29 -2.04 0.05 | 25.07 -2.02 0.00 | 23.10 -1.30 0.00 |
| ONEIDA_HERK_LFGE 323681 | 27.28 0.09 0.00 | 24.82 0.13 0.00 | 24.99 0.02 0.00 | 33.85 0.02 0.00 | 31.52 0.23 0.00 | 40.57 0.57 0.00 | 35.48 0.63 0.00 | 35.38 0.74 0.00 | 32.64 0.49 0.00 | 34.30 0.26 0.00 | 24.13 0.01 0.00 | 22.73 -0.05 0.00 | 22.36 -0.08 0.00 | 23.32 -0.01 0.00 | 27.09 0.22 0.00 | 39.66 0.68 0.00 | 40.53 1.03 0.00 | 51.86 1.48 0.00 | 45.96 1.32 0.00 | 39.91 1.19 0.00 | 30.47 0.81 0.00 | 25.96 0.58 0.00 | 27.71 0.62 0.00 | 24.93 0.54 0.00 |
| ONEIDA___115KV_TB4 55905 | 27.62 0.43 0.00 | 25.11 0.42 0.00 | 25.40 0.43 0.00 | 34.40 0.56 0.00 | 31.95 0.65 0.00 | 41.00 1.00 0.00 | 35.79 0.95 0.00 | 35.72 1.08 0.00 | 33.09 0.94 0.00 | 34.93 0.89 0.00 | 24.64 0.52 0.00 | 23.19 0.39 -0.02 | 22.87 0.42 -0.01 | 23.83 0.46 -0.04 | 27.37 0.51 0.00 | 39.92 0.94 0.00 | 40.74 1.24 0.00 | 52.03 1.66 0.00 | 46.07 1.42 0.00 | 39.93 1.22 0.00 | 30.52 0.86 0.00 | 26.08 0.70 0.00 | 27.81 0.73 0.00 | 25.03 0.64 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 27.00 -0.19 0.00 | 24.51 -0.18 0.00 | 24.81 -0.16 0.00 | 33.56 -0.27 0.00 | 31.10 -0.19 0.00 | 39.78 -0.22 0.00 | 34.54 -0.30 0.00 | 34.46 -0.17 0.00 | 32.00 -0.15 0.00 | 33.89 -0.15 0.00 | 24.04 -0.11 -0.03 | 22.67 -0.15 -0.04 | 22.29 -0.16 -0.01 | 23.24 -0.16 -0.07 | 26.67 -0.20 0.00 | 38.75 -0.23 0.00 | 39.31 -0.19 0.00 | 50.21 -0.16 0.00 | 44.45 -0.19 0.00 | 38.55 -0.16 0.00 | 29.51 -0.15 0.00 | 25.28 -0.09 0.00 | 26.96 -0.12 0.00 | 24.33 -0.06 0.00 |
| ONONDAGA___COGEN 23986 | 26.98 -0.20 0.00 | 24.51 -0.18 0.00 | 24.78 -0.18 0.00 | 33.53 -0.30 0.00 | 31.09 -0.20 0.00 | 39.74 -0.26 0.00 | 34.51 -0.33 0.00 | 34.41 -0.23 0.00 | 31.93 -0.22 0.00 | 33.81 -0.22 0.00 | 23.98 -0.17 -0.03 | 22.65 -0.17 -0.04 | 22.26 -0.19 -0.01 | 23.20 -0.20 -0.07 | 26.63 -0.24 0.00 | 38.73 -0.26 0.00 | 39.24 -0.27 0.00 | 50.14 -0.24 0.00 | 44.39 -0.26 0.00 | 38.49 -0.22 0.00 | 29.46 -0.20 0.00 | 25.23 -0.15 0.00 | 26.91 -0.17 0.00 | 24.30 -0.09 0.00 |
| ONTARIO___LFGE 23819 | 26.84 -0.35 0.00 | 24.35 -0.34 0.00 | 24.72 -0.24 0.00 | 33.28 -0.55 0.00 | 30.96 -0.33 0.00 | 39.74 -0.26 0.00 | 34.59 -0.26 0.00 | 34.52 -0.11 0.00 | 32.14 -0.01 0.00 | 33.85 -0.19 0.00 | 23.94 -0.23 -0.04 | 22.51 -0.32 -0.05 | 22.09 -0.37 -0.02 | 23.13 -0.29 -0.09 | 26.60 -0.27 0.00 | 38.63 -0.36 0.00 | 39.25 -0.26 0.00 | 50.30 -0.07 0.00 | 44.53 -0.11 0.00 | 38.72 0.00 0.00 | 29.55 -0.12 0.00 | 25.35 -0.03 0.00 | 27.14 0.06 0.00 | 24.54 0.14 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 25.62 -1.57 0.00 | 23.30 -1.39 0.00 | 23.51 -1.14 0.32 | 31.76 -2.08 0.00 | 29.82 -1.48 0.00 | 38.29 -1.71 0.00 | 32.88 -1.97 0.00 | 32.73 -1.91 0.00 | 30.52 -1.63 0.00 | 32.56 -1.48 0.00 | 23.00 -1.17 -0.05 | 21.54 -1.30 -0.07 | 21.18 -1.29 -0.02 | 22.38 -1.07 -0.11 | 25.63 -1.24 0.00 | 37.00 -1.98 0.00 | 37.25 -2.25 0.00 | 47.71 -2.66 0.00 | 42.37 -2.27 0.00 | 36.88 -1.83 0.00 | 28.13 -1.53 0.00 | 24.40 -0.95 0.02 | 26.34 -0.75 0.00 | 24.01 -0.38 0.00 |
| ORANGEVILLE___ESR 323794 | 25.62 -1.57 0.00 | 23.30 -1.39 0.00 | 23.51 -1.14 0.32 | 31.76 -2.08 0.00 | 29.82 -1.48 0.00 | 38.29 -1.71 0.00 | 32.88 -1.97 0.00 | 32.73 -1.91 0.00 | 30.52 -1.63 0.00 | 32.56 -1.48 0.00 | 23.00 -1.17 -0.05 | 21.54 -1.30 -0.07 | 21.18 -1.29 -0.02 | 22.38 -1.07 -0.11 | 25.63 -1.24 0.00 | 37.00 -1.98 0.00 | 37.25 -2.25 0.00 | 47.71 -2.66 0.00 | 42.37 -2.27 0.00 | 36.88 -1.83 0.00 | 28.13 -1.53 0.00 | 24.40 -0.95 0.02 | 26.34 -0.75 0.00 | 24.01 -0.38 0.00 |
| OSWEGATCHIE___HYD 24044 | 26.73 -0.46 0.00 | 24.25 -0.45 0.00 | 24.36 -0.61 0.00 | 32.74 -1.10 0.00 | 30.32 -0.97 0.00 | 39.17 -0.84 0.00 | 34.38 -0.46 0.00 | 34.11 -0.53 0.00 | 31.18 -0.97 0.00 | 32.69 -1.35 0.00 | 22.91 -1.21 0.00 | 21.69 -1.09 0.00 | 21.29 -1.15 0.00 | 22.41 -0.92 0.00 | 26.22 -0.65 0.00 | 38.41 -0.57 0.00 | 39.45 -0.06 0.00 | 50.96 0.59 0.00 | 45.41 0.77 0.00 | 39.60 0.89 0.00 | 30.09 0.43 0.00 | 25.30 -0.08 0.00 | 27.17 0.08 0.00 | 24.51 0.12 0.00 |
| OSWEGO___5 23606 | 26.57 -0.63 0.00 | 24.13 -0.56 0.00 | 24.40 -0.56 0.00 | 33.02 -0.81 0.00 | 30.59 -0.70 0.00 | 39.05 -0.95 0.00 | 33.88 -0.96 0.00 | 33.76 -0.88 0.00 | 31.34 -0.81 0.00 | 33.19 -0.85 0.00 | 23.55 -0.60 -0.02 | 22.24 -0.57 -0.03 | 21.88 -0.56 -0.01 | 22.80 -0.58 -0.05 | 26.17 -0.70 0.00 | 37.99 -0.99 0.00 | 38.49 -1.01 0.00 | 49.14 -1.23 0.00 | 43.53 -1.11 0.00 | 37.76 -0.96 0.00 | 28.90 -0.76 0.00 | 24.77 -0.61 0.00 | 26.42 -0.66 0.00 | 23.86 -0.53 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OSWEGO___6 23613 | 26.57 -0.63 0.00 | 24.13 -0.56 0.00 | 24.40 -0.56 0.00 | 33.02 -0.81 0.00 | 30.59 -0.70 0.00 | 39.05 -0.95 0.00 | 33.88 -0.96 0.00 | 33.76 -0.88 0.00 | 31.34 -0.81 0.00 | 33.19 -0.85 0.00 | 23.55 -0.60 -0.02 | 22.24 -0.57 -0.03 | 21.88 -0.56 -0.01 | 22.80 -0.58 -0.05 | 26.17 -0.70 0.00 | 37.99 -0.99 0.00 | 38.49 -1.01 0.00 | 49.14 -1.23 0.00 | 43.53 -1.11 0.00 | 37.76 -0.96 0.00 | 28.90 -0.76 0.00 | 24.77 -0.61 0.00 | 26.42 -0.66 0.00 | 23.86 -0.53 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 25.99 -1.20 0.00 | 23.61 -1.08 0.00 | 24.03 -0.94 0.00 | 32.02 -1.81 0.00 | 30.03 -1.27 0.00 | 38.55 -1.46 0.00 | 32.77 -2.07 0.00 | 32.38 -2.25 0.00 | 30.25 -1.90 0.00 | 32.54 -1.50 0.00 | 23.00 -1.17 -0.04 | 21.57 -1.26 -0.05 | 21.23 -1.23 -0.02 | 22.47 -0.96 -0.09 | 25.63 -1.24 0.00 | 36.80 -2.19 0.00 | 36.58 -2.93 0.00 | 46.98 -3.39 0.00 | 41.71 -2.93 0.00 | 36.35 -2.36 0.00 | 27.76 -1.90 0.00 | 24.08 -1.30 0.00 | 25.86 -1.23 0.00 | 23.72 -0.68 0.00 |
| OXBOW___BTM 323836 | 25.74 -1.45 0.00 | 23.38 -1.31 0.00 | 23.08 -1.18 0.71 | 31.69 -2.14 0.00 | 29.70 -1.59 0.00 | 38.12 -1.88 0.00 | 32.35 -2.49 0.00 | 31.95 -2.69 0.00 | 29.85 -2.30 0.00 | 32.14 -1.90 0.00 | 22.77 -1.39 -0.04 | 21.33 -1.49 -0.05 | 20.98 -1.48 -0.02 | 22.20 -1.23 -0.09 | 25.31 -1.56 0.00 | 36.32 -2.66 0.00 | 36.08 -3.43 0.00 | 46.31 -4.06 0.00 | 41.13 -3.52 0.00 | 35.85 -2.87 0.00 | 27.37 -2.29 0.00 | 23.72 -1.61 0.05 | 25.51 -1.57 0.00 | 23.45 -0.94 0.00 |
| OXBOW____ 24026 | 25.74 -1.45 0.00 | 23.38 -1.31 0.00 | 23.79 -1.17 0.00 | 31.69 -2.14 0.00 | 29.70 -1.59 0.00 | 38.12 -1.88 0.00 | 32.36 -2.48 0.00 | 31.94 -2.69 0.00 | 29.85 -2.29 0.00 | 32.11 -1.93 0.00 | 22.72 -1.45 -0.04 | 21.30 -1.53 -0.05 | 20.98 -1.48 -0.02 | 22.18 -1.24 -0.09 | 25.31 -1.56 0.00 | 36.33 -2.66 0.00 | 36.07 -3.44 0.00 | 46.32 -4.05 0.00 | 41.12 -3.52 0.00 | 35.84 -2.87 0.00 | 27.39 -2.27 0.00 | 23.77 -1.61 0.00 | 25.51 -1.57 0.00 | 23.45 -0.94 0.00 |
| OXY_CHEM_DSASP 323612 | 25.39 -1.80 0.00 | 23.06 -1.63 0.00 | 23.48 -1.48 0.00 | 31.26 -2.58 0.00 | 29.28 -2.01 0.00 | 37.56 -2.45 0.00 | 31.82 -3.02 0.00 | 31.38 -3.26 0.00 | 29.33 -2.82 0.00 | 31.57 -2.48 0.00 | 22.34 -1.82 -0.04 | 20.95 -1.88 -0.05 | 20.64 -1.82 -0.02 | 21.80 -1.63 -0.09 | 24.88 -1.99 0.00 | 35.69 -3.30 0.00 | 35.39 -4.12 0.00 | 45.43 -4.95 0.00 | 40.33 -4.31 0.00 | 35.17 -3.55 0.00 | 26.88 -2.78 0.00 | 23.34 -2.04 0.00 | 25.06 -2.02 0.00 | 23.09 -1.30 0.00 |
| OZONE_PARK_ESR 323760 | 28.92 1.73 0.00 | 26.28 1.59 0.00 | 26.51 1.55 0.00 | 35.74 1.91 0.00 | 33.13 1.84 0.00 | 42.66 2.65 0.00 | 37.54 2.70 0.00 | 37.76 3.13 0.00 | 35.15 3.00 0.00 | 117.92 3.37 -80.50 | 373.10 2.42 -346.56 | 29.13 2.33 -4.02 | 25.14 2.31 -0.39 | 27.72 2.36 -2.02 | 29.54 2.67 0.00 | 42.54 3.56 0.00 | 43.11 3.60 0.00 | 54.83 4.46 0.00 | 48.45 3.80 0.00 | 41.97 3.26 0.00 | 32.17 2.51 0.00 | 27.43 2.05 0.00 | 29.26 2.18 0.00 | 26.29 1.90 0.00 |
| PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013 | 25.39 -1.80 0.00 | 23.06 -1.63 0.00 | 23.48 -1.48 0.00 | 31.26 -2.58 0.00 | 29.28 -2.01 0.00 | 37.56 -2.45 0.00 | 31.82 -3.02 0.00 | 31.38 -3.26 0.00 | 29.33 -2.82 0.00 | 31.57 -2.48 0.00 | 22.34 -1.82 -0.04 | 20.95 -1.88 -0.05 | 20.64 -1.82 -0.02 | 21.80 -1.63 -0.09 | 24.88 -1.99 0.00 | 35.69 -3.30 0.00 | 35.39 -4.12 0.00 | 45.43 -4.95 0.00 | 40.33 -4.31 0.00 | 35.17 -3.55 0.00 | 26.88 -2.78 0.00 | 23.34 -2.04 0.00 | 25.06 -2.02 0.00 | 23.09 -1.30 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 25.39 -1.80 0.00 | 23.06 -1.63 0.00 | 23.48 -1.48 0.00 | 31.26 -2.58 0.00 | 29.28 -2.01 0.00 | 37.56 -2.45 0.00 | 31.82 -3.02 0.00 | 31.38 -3.26 0.00 | 29.33 -2.82 0.00 | 31.57 -2.48 0.00 | 22.34 -1.82 -0.04 | 20.95 -1.88 -0.05 | 20.64 -1.82 -0.02 | 21.80 -1.63 -0.09 | 24.88 -1.99 0.00 | 35.69 -3.30 0.00 | 35.39 -4.12 0.00 | 45.43 -4.95 0.00 | 40.33 -4.31 0.00 | 35.17 -3.55 0.00 | 26.88 -2.78 0.00 | 23.34 -2.04 0.00 | 25.06 -2.02 0.00 | 23.09 -1.30 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.28 1.32 0.00 | 35.37 1.54 0.00 | 32.84 1.55 0.00 | 42.30 2.30 0.00 | 37.23 2.39 0.00 | 37.43 2.80 0.00 | 34.83 2.68 0.00 | 116.15 2.96 -79.15 | 367.09 2.24 -340.73 | 28.88 2.13 -3.98 | 24.85 2.02 -0.39 | 27.41 2.05 -2.02 | 29.16 2.29 0.00 | 42.02 3.04 0.00 | 42.65 3.14 0.00 | 54.21 3.84 0.00 | 47.87 3.23 0.00 | 41.52 2.80 0.00 | 31.82 2.17 0.00 | 27.11 1.72 0.00 | 28.96 1.87 0.00 | 26.05 1.66 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 28.68 1.49 0.00 | 26.06 1.37 0.00 | 26.29 1.32 0.00 | 35.45 1.61 0.00 | 32.87 1.58 0.00 | 42.36 2.36 0.00 | 37.37 2.53 0.00 | 37.61 2.98 0.00 | 34.97 2.82 0.00 | 116.24 3.05 -79.15 | 367.14 2.28 -340.73 | 28.92 2.16 -3.98 | 24.89 2.05 -0.39 | 27.44 2.09 -2.02 | 29.21 2.34 0.00 | 42.07 3.09 0.00 | 42.73 3.22 0.00 | 54.35 3.98 0.00 | 47.99 3.35 0.00 | 41.59 2.87 0.00 | 31.83 2.17 0.00 | 27.13 1.75 0.00 | 29.01 1.93 0.00 | 26.09 1.70 0.00 |
| PATROON___115KV_TB1 80586 | 27.71 0.52 0.00 | 25.17 0.48 0.00 | 25.44 0.47 0.00 | 34.50 0.67 0.00 | 31.92 0.63 0.00 | 40.83 0.83 0.00 | 35.66 0.82 0.00 | 35.70 1.06 0.00 | 33.17 1.02 0.00 | 35.09 1.05 0.00 | 24.79 0.74 0.07 | 23.43 0.75 0.10 | 23.15 0.74 0.03 | 23.91 0.74 0.16 | 27.74 0.87 0.00 | 40.25 1.27 0.00 | 40.62 1.11 0.00 | 51.61 1.24 0.00 | 45.73 1.09 0.00 | 39.59 0.87 0.00 | 30.39 0.73 0.00 | 26.01 0.63 0.00 | 27.73 0.65 0.00 | 24.86 0.47 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 28.11 0.92 0.00 | 25.52 0.82 0.00 | 25.80 0.83 0.00 | 34.98 1.15 0.00 | 32.37 1.08 0.00 | 41.42 1.41 0.00 | 36.20 1.35 0.00 | 36.16 1.52 0.00 | 33.49 1.34 0.00 | 35.16 1.12 0.00 | 24.70 0.65 0.06 | 23.30 0.60 0.08 | 23.09 0.67 0.03 | 23.90 0.70 0.13 | 27.69 0.82 0.00 | 40.43 1.44 0.00 | 41.23 1.72 0.00 | 52.60 2.23 0.00 | 46.61 1.97 0.00 | 40.39 1.68 0.00 | 30.94 1.27 0.00 | 26.46 1.08 0.00 | 28.22 1.13 0.00 | 25.35 0.95 0.00 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 26.80 -0.39 0.00 | 24.35 -0.34 0.00 | 24.79 -0.17 0.00 | 33.05 -0.78 0.00 | 31.00 -0.29 0.00 | 39.77 -0.23 0.00 | 33.85 -0.99 0.00 | 33.59 -1.05 0.00 | 31.37 -0.78 0.00 | 33.76 -0.28 0.00 | 23.88 -0.29 -0.05 | 22.39 -0.45 -0.06 | 22.06 -0.40 -0.02 | 23.30 -0.14 -0.10 | 26.67 -0.21 0.00 | 38.25 -0.73 0.00 | 38.09 -1.42 0.00 | 48.83 -1.54 0.00 | 43.30 -1.34 0.00 | 37.71 -1.01 0.00 | 28.76 -0.90 0.00 | 24.95 -0.43 0.00 | 26.86 -0.23 0.00 | 24.48 0.09 0.00 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 28.66 1.47 0.00 | 26.02 1.33 0.00 | 26.27 1.31 0.00 | 35.48 1.65 0.00 | 32.89 1.60 0.00 | 42.28 2.28 0.00 | 37.22 2.38 0.00 | 37.45 2.82 0.00 | 34.82 2.67 0.00 | 37.03 2.88 -0.11 | 27.06 2.05 -0.89 | 25.66 1.95 -0.93 | 24.67 1.92 -0.31 | 26.90 1.97 -1.59 | 29.15 2.28 0.00 | 42.11 3.13 0.00 | 42.73 3.23 0.00 | 54.40 4.03 0.00 | 48.12 3.47 0.00 | 41.65 2.94 0.00 | 31.90 2.24 0.00 | 27.20 1.82 0.00 | 29.01 1.93 0.00 | 26.03 1.64 0.00 |
| PEEKSKILL____ 23653 | 28.42 1.23 0.00 | 25.82 1.13 0.00 | 26.07 1.10 0.00 | 35.19 1.36 0.00 | 32.63 1.34 0.00 | 41.93 1.93 0.00 | 36.85 2.01 0.00 | 37.08 2.44 0.00 | 34.49 2.34 0.00 | 33.61 2.61 3.05 | 14.18 1.89 11.83 | 25.60 1.79 -1.03 | 24.60 1.78 -0.38 | 27.10 1.83 -1.93 | 28.95 2.08 0.00 | 41.78 2.80 0.00 | 42.36 2.86 0.00 | 53.87 3.50 0.00 | 47.63 2.98 0.00 | 41.23 2.51 0.00 | 31.60 1.94 0.00 | 26.95 1.57 0.00 | 28.77 1.69 0.00 | 25.86 1.47 0.00 |

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| PGE MADISON___WINDPWR 24146 | 28.77 1.58 0.00 | 26.29 1.60 0.00 | 26.79 1.63 -0.19 | 35.86 2.03 0.00 | 33.34 2.05 0.00 | 42.84 2.84 0.00 | 37.47 2.62 0.00 | 37.65 3.02 0.00 | 34.60 2.45 0.00 | 36.45 2.41 0.00 | 25.88 1.67 -0.09 | 24.00 1.11 -0.12 | 23.34 0.86 -0.04 | 24.42 0.89 -0.20 | 27.87 1.00 0.00 | 40.81 1.83 0.00 | 41.98 2.47 0.00 | 54.01 3.64 0.00 | 47.80 3.15 0.00 | 41.57 2.86 0.00 | 31.82 2.16 0.00 | 27.25 1.86 -0.01 | 29.22 2.14 0.00 | 26.29 1.90 0.00 |
| PIERCEFIELD___HYD 23852 | 26.82 -0.37 0.00 | 24.25 -0.45 0.00 | 24.45 -0.52 0.00 | 32.63 -1.20 0.00 | 29.80 -1.49 0.00 | 38.41 -1.59 0.00 | 33.73 -1.11 0.00 | 33.30 -1.34 0.00 | 30.48 -1.67 0.00 | 32.26 -1.78 0.00 | 22.70 -1.42 0.00 | 21.57 -1.20 0.00 | 21.22 -1.22 0.00 | 22.40 -0.94 0.00 | 26.04 -0.83 0.00 | 37.62 -1.37 0.00 | 38.61 -0.90 0.00 | 50.23 -0.14 0.00 | 44.94 0.30 0.00 | 39.29 0.58 0.00 | 29.82 0.16 0.00 | 24.89 -0.49 0.00 | 26.83 -0.26 0.00 | 24.24 -0.15 0.00 |
| PINELAWN_CC_1 323563 | 28.74 1.55 0.00 | 26.24 1.55 0.00 | 26.46 1.49 0.00 | 35.49 1.66 0.00 | 32.96 1.68 0.00 | 42.27 2.27 0.00 | 37.60 2.76 0.00 | 37.52 2.88 0.00 | 35.09 2.94 0.00 | 45.77 3.06 -8.67 | 64.67 2.27 -38.28 | 26.60 2.33 -1.50 | 25.17 2.33 -0.40 | 27.66 2.30 -2.02 | 29.25 2.38 0.00 | 42.11 3.13 0.00 | 42.58 3.07 0.00 | 53.98 3.60 0.00 | 44.52 3.25 3.37 | 42.35 3.11 -0.53 | 39.80 2.74 -7.40 | 27.47 2.09 0.00 | 29.40 2.32 0.00 | 26.49 2.10 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 28.64 1.45 0.00 | 26.03 1.33 0.00 | 26.27 1.30 0.00 | 35.43 1.60 0.00 | 32.83 1.54 0.00 | 42.24 2.24 0.00 | 37.17 2.33 0.00 | 37.38 2.74 0.00 | 34.78 2.63 0.00 | 33.59 2.98 3.42 | -11.68 2.16 -37.97 | 25.73 2.09 -0.86 | 24.89 2.08 -0.37 | 27.47 2.12 -2.02 | 29.25 2.38 0.00 | 42.14 3.16 0.00 | 42.70 3.20 0.00 | 54.27 3.89 0.00 | 47.95 3.31 0.00 | 41.54 2.83 0.00 | 31.85 2.19 0.00 | 27.17 1.78 0.00 | 28.97 1.89 0.00 | 26.04 1.65 0.00 |
| PJM_GEN_KEystone 24065 | 27.36 0.17 0.00 | 24.85 0.16 0.00 | 24.28 0.22 0.89 | 33.86 0.03 0.00 | 31.52 0.23 0.00 | 47.99 0.48 -7.51 | 27.82 0.21 7.23 | 35.08 0.45 0.00 | 29.70 0.56 3.01 | 46.31 0.96 -11.31 | 45.96 0.69 -21.15 | 24.15 0.58 -0.80 | 23.22 0.59 -0.19 | 25.36 0.73 -1.30 | 27.68 0.81 0.00 | 39.77 0.79 0.00 | 40.05 0.54 0.00 | 50.97 0.60 0.00 | 45.08 0.43 0.00 | 39.09 0.37 0.00 | 29.86 0.20 0.00 | 24.89 0.28 0.77 | 27.58 0.49 0.00 | 24.90 0.51 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 28.50 1.31 0.00 | 26.01 1.32 0.00 | 26.22 1.25 0.00 | 35.22 1.39 0.00 | 32.75 1.46 0.00 | 42.07 2.07 0.00 | 37.40 2.56 0.00 | 37.36 2.72 0.00 | 34.92 2.77 0.00 | 51.49 2.94 -14.51 | 65.23 2.21 -38.90 | 26.51 2.24 -1.50 | 25.07 2.26 -0.38 | 27.58 2.22 -2.02 | 29.32 2.45 0.00 | 42.26 3.28 0.00 | 42.81 3.30 0.00 | 54.42 4.05 0.00 | 37.84 3.57 10.37 | 42.31 3.16 -0.45 | 38.19 2.51 -6.02 | 27.32 1.95 0.00 | 29.25 2.16 0.00 | 26.34 1.95 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 28.64 1.45 0.00 | 26.04 1.35 0.00 | 26.27 1.31 0.00 | 35.41 1.58 0.00 | 32.82 1.53 0.00 | 42.23 2.23 0.00 | 37.13 2.29 0.00 | 37.32 2.68 0.00 | 34.74 2.59 0.00 | 123.31 2.92 -86.35 | 373.43 2.13 -347.18 | 28.84 2.04 -4.02 | 24.85 2.04 -0.38 | 27.43 2.07 -2.02 | 29.22 2.35 0.00 | 42.07 3.09 0.00 | 42.63 3.13 0.00 | 54.19 3.81 0.00 | 47.87 3.23 0.00 | 41.47 2.75 0.00 | 31.80 2.14 0.00 | 27.11 1.73 0.00 | 28.94 1.85 0.00 | 26.03 1.64 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 26.86 -0.33 0.00 | 24.19 -0.50 0.00 | 24.39 -0.57 0.00 | 32.43 -1.40 0.00 | 29.31 -1.98 0.00 | 37.54 -2.46 0.00 | 33.18 -1.66 0.00 | 32.70 -1.93 0.00 | 30.05 -2.10 0.00 | 31.85 -2.19 0.00 | 22.55 -1.57 0.00 | 21.42 -1.35 0.00 | 20.94 -1.50 0.00 | 21.98 -1.36 0.00 | 25.52 -1.35 0.00 | 36.71 -2.27 0.00 | 37.38 -2.13 0.00 | 48.57 -1.80 0.00 | 43.79 -0.86 0.00 | 38.40 -0.31 0.00 | 29.25 -0.41 0.00 | 24.82 -0.56 0.00 | 26.56 -0.53 0.00 | 24.00 -0.39 0.00 |
| PLEASANTVLY___LBMP 24000 | 28.26 1.07 0.00 | 25.67 0.97 0.00 | 25.91 0.94 0.00 | 35.02 1.19 0.00 | 32.45 1.16 0.00 | 41.68 1.67 0.00 | 36.62 1.77 0.00 | 36.82 2.18 0.00 | 34.23 2.08 0.00 | 36.34 2.30 0.00 | 25.50 1.65 0.26 | 24.02 1.57 0.33 | 23.88 1.55 0.11 | 24.35 1.58 0.56 | 28.69 1.82 0.00 | 41.44 2.46 0.00 | 42.02 2.52 0.00 | 53.43 3.06 0.00 | 47.26 2.62 0.00 | 40.91 2.20 0.00 | 31.36 1.70 0.00 | 26.77 1.40 0.00 | 28.57 1.48 0.00 | 25.65 1.26 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 28.52 1.33 0.00 | 25.91 1.22 0.00 | 26.16 1.20 0.00 | 35.31 1.48 0.00 | 32.73 1.44 0.00 | 42.07 2.07 0.00 | 37.01 2.17 0.00 | 37.20 2.57 0.00 | 34.62 2.47 0.00 | 43.14 2.77 -6.33 | 54.26 1.98 -28.16 | 26.15 1.89 -1.48 | 24.73 1.88 -0.42 | 27.39 1.93 -2.13 | 29.06 2.19 0.00 | 41.92 2.94 0.00 | 42.51 3.00 0.00 | 54.04 3.67 0.00 | 47.79 3.15 0.00 | 41.37 2.66 0.00 | 31.72 2.05 0.00 | 27.05 1.67 0.00 | 28.86 1.77 0.00 | 25.93 1.54 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 28.52 1.33 0.00 | 25.91 1.22 0.00 | 26.16 1.20 0.00 | 35.31 1.48 0.00 | 32.73 1.44 0.00 | 42.07 2.07 0.00 | 37.01 2.17 0.00 | 37.20 2.57 0.00 | 34.62 2.47 0.00 | 43.14 2.77 -6.33 | 54.26 1.98 -28.16 | 26.15 1.89 -1.48 | 24.73 1.88 -0.42 | 27.39 1.93 -2.13 | 29.06 2.19 0.00 | 41.92 2.94 0.00 | 42.51 3.00 0.00 | 54.04 3.67 0.00 | 47.79 3.15 0.00 | 41.37 2.66 0.00 | 31.72 2.05 0.00 | 27.05 1.67 0.00 | 28.86 1.77 0.00 | 25.93 1.54 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 28.40 1.21 0.00 | 25.77 1.08 0.00 | 26.02 1.06 0.00 | 35.19 1.36 0.00 | 32.61 1.32 0.00 | 41.89 1.89 0.00 | 36.83 1.99 0.00 | 37.06 2.43 0.00 | 34.42 2.27 0.00 | 36.48 2.44 0.00 | 26.23 1.73 -0.38 | 24.77 1.62 -0.37 | 24.16 1.60 -0.12 | 25.61 1.64 -0.64 | 28.79 1.92 0.00 | 41.65 2.67 0.00 | 42.29 2.79 0.00 | 53.83 3.46 0.00 | 47.61 2.97 0.00 | 41.21 2.50 0.00 | 31.55 1.89 0.00 | 26.94 1.55 0.00 | 28.72 1.64 0.00 | 25.76 1.37 0.00 |
| POLETTI___ 23519 | 28.67 1.48 0.00 | 26.07 1.37 0.00 | 26.31 1.35 0.00 | 35.47 1.63 0.00 | 32.87 1.58 0.00 | 42.35 2.34 0.00 | 37.25 2.41 0.00 | 37.40 2.76 0.00 | 34.81 2.66 0.00 | 117.21 3.03 -80.14 | 371.30 2.18 -345.00 | 28.88 2.09 -4.01 | 24.91 2.08 -0.39 | 27.45 2.10 -2.02 | 29.23 2.36 0.00 | 42.07 3.09 0.00 | 42.63 3.12 0.00 | 54.18 3.81 0.00 | 47.89 3.24 0.00 | 41.49 2.77 0.00 | 31.82 2.16 0.00 | 27.13 1.75 0.00 | 28.95 1.86 0.00 | 26.02 1.63 0.00 |
| POMONA___ESR 323819 | 28.43 1.24 0.00 | 25.83 1.15 0.00 | 26.08 1.12 0.00 | 35.21 1.38 0.00 | 32.65 1.36 0.00 | 41.96 1.96 0.00 | 36.85 2.01 0.00 | 37.09 2.45 0.00 | 34.49 2.34 0.00 | 34.34 2.62 2.32 | 17.49 1.90 8.52 | 25.60 1.79 -1.04 | 24.58 1.77 -0.37 | 27.06 1.83 -1.90 | 28.96 2.09 0.00 | 41.80 2.81 0.00 | 42.40 2.89 0.00 | 53.90 3.53 0.00 | 47.65 3.01 0.00 | 41.23 2.52 0.00 | 31.59 1.93 0.00 | 26.95 1.56 0.00 | 28.79 1.70 0.00 | 25.88 1.48 0.00 |
| PORT_JEFF_3 23555 | 28.78 1.59 0.00 | 26.34 1.64 0.00 | 26.55 1.58 0.00 | 35.53 1.70 0.00 | 33.01 1.72 0.00 | 42.23 2.22 0.00 | 37.50 2.66 0.00 | 37.26 2.63 0.00 | 34.92 2.77 0.00 | 45.56 2.85 -8.67 | 64.56 2.16 -38.28 | 26.54 2.27 -1.50 | 25.14 2.31 -0.40 | 27.60 2.24 -2.02 | 29.31 2.43 0.00 | 42.35 3.36 0.00 | 42.89 3.39 0.00 | 54.39 4.02 0.00 | 41.91 3.68 6.41 | 42.54 3.34 -0.48 | 39.00 2.73 -6.61 | 27.38 2.00 0.00 | 29.32 2.23 0.00 | 26.45 2.06 0.00 |

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| PORT_JEFF_4 23616 | 28.78 1.59 0.00 | 26.34 1.64 0.00 | 26.55 1.58 0.00 | 35.53 1.70 0.00 | 33.01 1.72 0.00 | 42.23 2.22 0.00 | 37.50 2.66 0.00 | 37.26 2.63 0.00 | 34.92 2.77 0.00 | 45.56 2.85 -8.67 | 64.56 2.16 -38.28 | 26.54 2.27 -1.50 | 25.14 2.31 -0.40 | 27.60 2.24 -2.02 | 29.31 2.43 0.00 | 42.35 3.36 0.00 | 42.89 3.39 0.00 | 54.39 4.02 0.00 | 41.91 3.68 6.41 | 42.54 3.34 -0.48 | 39.00 2.73 -6.61 | 27.38 2.00 0.00 | 29.32 2.23 0.00 | 26.45 2.06 0.00 |
| PORT_JEFF_IC 23713 | 28.78 1.59 0.00 | 26.35 1.66 0.00 | 26.55 1.59 0.00 | 35.54 1.70 0.00 | 33.04 1.75 0.00 | 42.24 2.24 0.00 | 37.51 2.67 0.00 | 37.25 2.62 0.00 | 34.91 2.76 0.00 | 45.55 2.84 -8.67 | 64.54 2.15 -38.28 | 26.55 2.28 -1.50 | 25.14 2.30 -0.40 | 27.60 2.24 -2.02 | 29.31 2.44 0.00 | 42.37 3.38 0.00 | 42.92 3.41 0.00 | 54.42 4.05 0.00 | 42.07 3.75 6.32 | 42.57 3.38 -0.48 | 39.04 2.74 -6.64 | 27.40 2.02 0.00 | 29.33 2.25 0.00 | 26.46 2.07 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 28.84 1.65 0.00 | 26.38 1.69 0.00 | 26.59 1.62 0.00 | 35.62 1.79 0.00 | 33.07 1.78 0.00 | 42.36 2.35 0.00 | 37.69 2.85 0.00 | 37.53 2.89 0.00 | 35.14 2.99 0.00 | 45.83 3.13 -8.67 | 64.75 2.35 -38.28 | 26.70 2.43 -1.50 | 25.29 2.45 -0.40 | 27.75 2.39 -2.02 | 29.49 2.61 0.00 | 42.55 3.56 0.00 | 42.96 3.46 0.00 | 54.53 4.16 0.00 | 42.82 3.93 5.75 | 42.77 3.56 -0.49 | 39.26 2.86 -6.74 | 27.53 2.16 0.00 | 29.49 2.40 0.00 | 26.58 2.19 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 28.84 1.65 0.00 | 26.38 1.69 0.00 | 26.59 1.62 0.00 | 35.62 1.79 0.00 | 33.07 1.78 0.00 | 42.36 2.35 0.00 | 37.69 2.85 0.00 | 37.53 2.89 0.00 | 35.14 2.99 0.00 | 45.83 3.13 -8.67 | 64.75 2.35 -38.28 | 26.70 2.43 -1.50 | 25.29 2.45 -0.40 | 27.75 2.39 -2.02 | 29.49 2.61 0.00 | 42.55 3.56 0.00 | 42.96 3.46 0.00 | 54.53 4.16 0.00 | 42.82 3.93 5.75 | 42.77 3.56 -0.49 | 39.26 2.86 -6.74 | 27.53 2.16 0.00 | 29.49 2.40 0.00 | 26.58 2.19 0.00 |
| PPL_SHRM_GT3 24213 | 28.80 1.61 0.00 | 26.44 1.75 0.00 | 26.66 1.70 0.00 | 35.59 1.76 0.00 | 33.19 1.90 0.00 | 42.32 2.31 0.00 | 37.36 2.52 0.00 | 36.82 2.19 0.00 | 34.60 2.44 0.00 | 45.16 2.45 -8.67 | 64.32 1.92 -38.28 | 26.40 2.13 -1.50 | 25.02 2.18 -0.40 | 27.46 2.11 -2.02 | 29.06 2.19 0.00 | 42.27 3.29 0.00 | 42.68 3.17 0.00 | 53.74 3.37 0.00 | 41.53 3.26 6.37 | 42.37 3.18 -0.48 | 39.02 2.74 -6.62 | 27.24 1.86 0.00 | 29.17 2.08 0.00 | 26.41 2.02 0.00 |
| PPL_SHRM_GT4 24214 | 28.80 1.61 0.00 | 26.44 1.75 0.00 | 26.66 1.70 0.00 | 35.59 1.76 0.00 | 33.19 1.90 0.00 | 42.32 2.31 0.00 | 37.36 2.52 0.00 | 36.82 2.19 0.00 | 34.60 2.44 0.00 | 45.16 2.45 -8.67 | 64.32 1.92 -38.28 | 26.40 2.13 -1.50 | 25.02 2.18 -0.40 | 27.46 2.11 -2.02 | 29.06 2.19 0.00 | 42.27 3.29 0.00 | 42.68 3.17 0.00 | 53.74 3.37 0.00 | 41.53 3.26 6.37 | 42.37 3.18 -0.48 | 39.02 2.74 -6.62 | 27.24 1.86 0.00 | 29.17 2.08 0.00 | 26.41 2.02 0.00 |
| PROJECT___ORANGE 1 24174 | 26.84 -0.35 0.00 | 24.37 -0.32 0.00 | 24.66 -0.30 0.00 | 33.37 -0.46 0.00 | 30.92 -0.37 0.00 | 39.51 -0.50 0.00 | 34.29 -0.55 0.00 | 34.20 -0.44 0.00 | 31.76 -0.39 0.00 | 33.65 -0.39 0.00 | 23.88 -0.27 -0.03 | 22.53 -0.28 -0.03 | 22.16 -0.29 -0.01 | 23.11 -0.28 -0.06 | 26.51 -0.36 0.00 | 38.51 -0.47 0.00 | 39.02 -0.49 0.00 | 49.81 -0.57 0.00 | 44.09 -0.55 0.00 | 38.24 -0.48 0.00 | 29.27 -0.39 0.00 | 25.08 -0.30 0.00 | 26.75 -0.33 0.00 | 24.15 -0.24 0.00 |
| PROJECT___ORANGE 2 24166 | 26.84 -0.35 0.00 | 24.37 -0.32 0.00 | 24.66 -0.30 0.00 | 33.37 -0.46 0.00 | 30.92 -0.37 0.00 | 39.51 -0.50 0.00 | 34.29 -0.55 0.00 | 34.20 -0.44 0.00 | 31.76 -0.39 0.00 | 33.65 -0.39 0.00 | 23.88 -0.27 -0.03 | 22.53 -0.28 -0.03 | 22.16 -0.29 -0.01 | 23.11 -0.28 -0.06 | 26.51 -0.36 0.00 | 38.51 -0.47 0.00 | 39.02 -0.49 0.00 | 49.81 -0.57 0.00 | 44.09 -0.55 0.00 | 38.24 -0.48 0.00 | 29.27 -0.39 0.00 | 25.08 -0.30 0.00 | 26.75 -0.33 0.00 | 24.15 -0.24 0.00 |
| PUCKETT___SOLAR 323809 | 27.56 0.37 0.00 | 25.09 0.39 0.00 | 25.66 0.43 -0.26 | 34.32 0.49 0.00 | 31.85 0.56 0.00 | 40.89 0.88 0.00 | 35.52 0.67 0.00 | 35.59 0.95 0.00 | 32.95 0.80 0.00 | 34.85 0.81 0.00 | 24.73 0.51 -0.10 | 23.22 0.32 -0.12 | 22.68 0.20 -0.04 | 23.84 0.29 -0.21 | 27.21 0.34 0.00 | 39.63 0.64 0.00 | 40.28 0.77 0.00 | 51.41 1.04 0.00 | 45.49 0.85 0.00 | 39.52 0.80 0.00 | 30.29 0.63 0.00 | 26.00 0.60 -0.02 | 27.84 0.75 0.00 | 25.06 0.67 0.00 |
| PYRITES___HYD 24023 | 27.20 0.01 0.00 | 24.61 -0.08 0.00 | 24.82 -0.14 0.00 | 33.10 -0.73 0.00 | 30.25 -1.05 0.00 | 39.00 -1.00 0.00 | 34.28 -0.56 0.00 | 33.81 -0.82 0.00 | 30.86 -1.28 0.00 | 32.50 -1.54 0.00 | 22.81 -1.31 0.00 | 21.74 -1.04 0.00 | 21.42 -1.02 0.00 | 22.74 -0.59 0.00 | 26.48 -0.39 0.00 | 38.09 -0.89 0.00 | 39.22 -0.28 0.00 | 51.13 0.75 0.00 | 45.71 1.07 0.00 | 39.97 1.26 0.00 | 30.30 0.64 0.00 | 25.23 -0.15 0.00 | 27.22 0.14 0.00 | 24.60 0.20 0.00 |
| QUAKERRD_115KV_BK1 80622 | 25.90 -1.29 0.00 | 23.52 -1.17 0.00 | 23.85 -1.11 0.00 | 32.06 -1.77 0.00 | 29.84 -1.45 0.00 | 38.23 -1.78 0.00 | 32.94 -1.90 0.00 | 32.75 -1.89 0.00 | 30.44 -1.71 0.00 | 32.41 -1.63 0.00 | 22.97 -1.18 -0.03 | 21.61 -1.21 -0.04 | 21.26 -1.20 -0.01 | 22.21 -1.20 -0.07 | 25.53 -1.34 0.00 | 37.00 -1.99 0.00 | 37.23 -2.28 0.00 | 47.70 -2.67 0.00 | 42.28 -2.37 0.00 | 36.72 -1.99 0.00 | 28.05 -1.61 0.00 | 24.11 -1.27 0.00 | 25.74 -1.35 0.00 | 23.35 -1.04 0.00 |
| QUENSBRY_115KV_TB8 356137 | 29.07 1.88 0.00 | 26.36 1.67 0.00 | 26.65 1.69 0.00 | 36.00 2.17 0.00 | 33.45 2.16 0.00 | 42.92 2.92 0.00 | 37.65 2.81 0.00 | 37.54 2.91 0.00 | 34.91 2.77 0.00 | 36.73 2.69 0.00 | 25.83 1.78 0.07 | 24.31 1.63 0.09 | 24.07 1.66 0.03 | 24.97 1.79 0.16 | 29.05 2.18 0.00 | 42.34 3.35 0.00 | 42.91 3.40 0.00 | 54.74 4.37 0.00 | 48.28 3.64 0.00 | 41.76 3.05 0.00 | 32.07 2.41 0.00 | 27.44 2.06 0.00 | 29.28 2.19 0.00 | 26.15 1.76 0.00 |
| RAMAPO___LBMP 323565 | 28.34 1.15 0.00 | 25.75 1.06 0.00 | 26.01 1.04 0.00 | 35.12 1.29 0.00 | 32.56 1.27 0.00 | 41.83 1.83 0.00 | 36.73 1.89 0.00 | 36.97 2.33 0.00 | 34.38 2.23 0.00 | 34.36 2.50 2.19 | 18.06 1.80 7.86 | 25.51 1.69 -1.04 | 24.48 1.67 -0.37 | 26.96 1.73 -1.90 | 28.85 1.97 0.00 | 41.63 2.65 0.00 | 42.25 2.74 0.00 | 53.70 3.33 0.00 | 47.48 2.83 0.00 | 41.08 2.37 0.00 | 31.47 1.81 0.00 | 26.85 1.46 0.00 | 28.69 1.60 0.00 | 25.80 1.40 0.00 |
| RANKINE____ 23646 | 26.21 -0.98 0.00 | 23.82 -0.88 0.00 | 24.25 -0.72 0.00 | 32.34 -1.49 0.00 | 30.35 -0.95 0.00 | 38.94 -1.06 0.00 | 33.19 -1.65 0.00 | 32.89 -1.75 0.00 | 30.71 -1.44 0.00 | 33.02 -1.02 0.00 | 23.32 -0.84 -0.05 | 21.87 -0.97 -0.06 | 21.54 -0.92 -0.02 | 22.76 -0.68 -0.10 | 26.01 -0.86 0.00 | 37.37 -1.62 0.00 | 37.23 -2.27 0.00 | 47.78 -2.59 0.00 | 42.40 -2.24 0.00 | 36.94 -1.78 0.00 | 28.20 -1.46 0.00 | 24.47 -0.90 0.00 | 26.30 -0.78 0.00 | 24.03 -0.36 0.00 |
| RAVENSWOOD_GT2_1 24244 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.33 0.00 | 35.45 1.62 0.00 | 32.86 1.57 0.00 | 42.28 2.28 0.00 | 37.20 2.35 0.00 | 37.40 2.77 0.00 | 34.83 2.68 0.00 | 116.21 3.02 -79.15 | 367.04 2.18 -340.73 | 28.86 2.11 -3.97 | 24.93 2.09 -0.39 | 27.49 2.13 -2.02 | 29.27 2.40 0.00 | 42.15 3.17 0.00 | 42.71 3.20 0.00 | 54.29 3.92 0.00 | 47.97 3.33 0.00 | 41.56 2.85 0.00 | 31.88 2.22 0.00 | 27.17 1.79 0.00 | 29.00 1.91 0.00 | 26.07 1.68 0.00 |

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| RAVENSWOOD_GT2_2 24245 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.33 0.00 | 35.45 1.62 0.00 | 32.86 1.57 0.00 | 42.28 2.28 0.00 | 37.20 2.35 0.00 | 37.40 2.77 0.00 | 34.83 2.68 0.00 | 116.21 3.02 -79.15 | 367.04 2.18 -340.73 | 28.86 2.11 -3.97 | 24.93 2.09 -0.39 | 27.49 2.13 -2.02 | 29.27 2.40 0.00 | 42.15 3.17 0.00 | 42.71 3.20 0.00 | 54.29 3.92 0.00 | 47.97 3.33 0.00 | 41.56 2.85 0.00 | 31.88 2.22 0.00 | 27.17 1.79 0.00 | 29.00 1.91 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT2_3 24246 | 28.68 1.49 0.00 | 26.07 1.38 0.00 | 26.31 1.34 0.00 | 35.47 1.63 0.00 | 32.88 1.59 0.00 | 42.30 2.29 0.00 | 37.21 2.37 0.00 | 37.43 2.79 0.00 | 34.84 2.69 0.00 | 116.23 3.04 -79.15 | 367.05 2.20 -340.73 | 28.87 2.12 -3.97 | 24.94 2.11 -0.39 | 27.50 2.14 -2.02 | 29.29 2.42 0.00 | 42.18 3.20 0.00 | 42.74 3.24 0.00 | 54.31 3.94 0.00 | 48.00 3.36 0.00 | 41.58 2.87 0.00 | 31.89 2.23 0.00 | 27.19 1.81 0.00 | 29.01 1.93 0.00 | 26.08 1.69 0.00 |
| RAVENSWOOD_GT2_4 24247 | 28.68 1.49 0.00 | 26.07 1.38 0.00 | 26.31 1.34 0.00 | 35.47 1.63 0.00 | 32.88 1.59 0.00 | 42.30 2.29 0.00 | 37.21 2.37 0.00 | 37.43 2.79 0.00 | 34.84 2.69 0.00 | 116.23 3.04 -79.15 | 367.05 2.20 -340.73 | 28.87 2.12 -3.97 | 24.94 2.11 -0.39 | 27.50 2.14 -2.02 | 29.29 2.42 0.00 | 42.18 3.20 0.00 | 42.74 3.24 0.00 | 54.31 3.94 0.00 | 48.00 3.36 0.00 | 41.58 2.87 0.00 | 31.89 2.23 0.00 | 27.19 1.81 0.00 | 29.01 1.93 0.00 | 26.08 1.69 0.00 |
| RAVENSWOOD_GT3_1 24248 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.46 1.62 0.00 | 32.86 1.57 0.00 | 42.29 2.28 0.00 | 37.20 2.36 0.00 | 37.41 2.77 0.00 | 34.83 2.68 0.00 | 116.21 3.03 -79.15 | 367.04 2.19 -340.73 | 28.87 2.12 -3.97 | 24.93 2.10 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.18 0.00 | 42.72 3.21 0.00 | 54.29 3.92 0.00 | 47.98 3.34 0.00 | 41.56 2.85 0.00 | 31.88 2.22 0.00 | 27.17 1.79 0.00 | 29.00 1.91 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT3_2 24249 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.46 1.62 0.00 | 32.86 1.57 0.00 | 42.29 2.28 0.00 | 37.20 2.36 0.00 | 37.41 2.77 0.00 | 34.83 2.68 0.00 | 116.21 3.03 -79.15 | 367.04 2.19 -340.73 | 28.87 2.12 -3.97 | 24.93 2.10 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.18 0.00 | 42.72 3.21 0.00 | 54.29 3.92 0.00 | 47.98 3.34 0.00 | 41.56 2.85 0.00 | 31.88 2.22 0.00 | 27.17 1.79 0.00 | 29.00 1.91 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT3_3 24250 | 28.71 1.52 0.00 | 26.10 1.40 0.00 | 26.33 1.37 0.00 | 35.50 1.67 0.00 | 32.91 1.62 0.00 | 42.34 2.33 0.00 | 37.26 2.42 0.00 | 37.46 2.83 0.00 | 34.88 2.73 0.00 | 116.27 3.08 -79.15 | 367.08 2.23 -340.73 | 28.90 2.15 -3.97 | 24.97 2.13 -0.39 | 27.53 2.18 -2.02 | 29.33 2.46 0.00 | 42.23 3.25 0.00 | 42.79 3.28 0.00 | 54.38 4.00 0.00 | 48.06 3.42 0.00 | 41.63 2.92 0.00 | 31.93 2.27 0.00 | 27.22 1.84 0.00 | 29.04 1.96 0.00 | 26.11 1.72 0.00 |
| RAVENSWOOD_GT3_4 24251 | 28.71 1.52 0.00 | 26.10 1.40 0.00 | 26.33 1.37 0.00 | 35.50 1.67 0.00 | 32.91 1.62 0.00 | 42.34 2.33 0.00 | 37.26 2.42 0.00 | 37.46 2.83 0.00 | 34.88 2.73 0.00 | 116.27 3.08 -79.15 | 367.08 2.23 -340.73 | 28.90 2.15 -3.97 | 24.97 2.13 -0.39 | 27.53 2.18 -2.02 | 29.33 2.46 0.00 | 42.23 3.25 0.00 | 42.79 3.28 0.00 | 54.38 4.00 0.00 | 48.06 3.42 0.00 | 41.63 2.92 0.00 | 31.93 2.27 0.00 | 27.22 1.84 0.00 | 29.04 1.96 0.00 | 26.11 1.72 0.00 |
| RAVENSWOOD_GT_1 23729 | 28.75 1.56 0.00 | 26.13 1.44 0.00 | 26.35 1.38 0.00 | 35.50 1.67 0.00 | 32.92 1.63 0.00 | 42.36 2.35 0.00 | 37.26 2.42 0.00 | 37.46 2.83 0.00 | 34.90 2.75 0.00 | 116.59 3.12 -79.43 | 368.34 2.29 -341.93 | 28.98 2.22 -3.99 | 25.00 2.16 -0.39 | 27.55 2.20 -2.02 | 29.35 2.48 0.00 | 42.23 3.24 0.00 | 42.76 3.26 0.00 | 54.33 3.96 0.00 | 47.99 3.35 0.00 | 41.62 2.90 0.00 | 31.94 2.28 0.00 | 27.20 1.82 0.00 | 29.02 1.94 0.00 | 26.12 1.73 0.00 |
| RAVENSWOOD_GT_10 24258 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.46 1.62 0.00 | 32.86 1.57 0.00 | 42.29 2.28 0.00 | 37.20 2.35 0.00 | 37.41 2.77 0.00 | 34.83 2.68 0.00 | 116.25 3.03 -79.18 | 367.18 2.19 -340.87 | 28.86 2.11 -3.98 | 24.93 2.09 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.18 0.00 | 42.72 3.21 0.00 | 54.29 3.92 0.00 | 47.99 3.35 0.00 | 41.57 2.86 0.00 | 31.88 2.22 0.00 | 27.18 1.80 0.00 | 29.00 1.92 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT_11 24259 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.46 1.62 0.00 | 32.86 1.57 0.00 | 42.29 2.28 0.00 | 37.20 2.35 0.00 | 37.41 2.77 0.00 | 34.83 2.68 0.00 | 116.25 3.03 -79.18 | 367.18 2.19 -340.87 | 28.86 2.11 -3.98 | 24.93 2.09 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.18 0.00 | 42.72 3.21 0.00 | 54.29 3.92 0.00 | 47.99 3.35 0.00 | 41.57 2.86 0.00 | 31.88 2.22 0.00 | 27.18 1.80 0.00 | 29.00 1.92 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT_4 24252 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.47 1.63 0.00 | 32.86 1.58 0.00 | 42.29 2.29 0.00 | 37.20 2.36 0.00 | 37.41 2.77 0.00 | 34.82 2.67 0.00 | 116.42 3.02 -79.36 | 367.95 2.18 -341.65 | 28.86 2.11 -3.98 | 24.93 2.10 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.19 0.00 | 42.73 3.22 0.00 | 54.31 3.94 0.00 | 48.00 3.36 0.00 | 41.58 2.87 0.00 | 31.89 2.22 0.00 | 27.19 1.81 0.00 | 29.01 1.93 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT_5 24254 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.47 1.63 0.00 | 32.86 1.58 0.00 | 42.29 2.29 0.00 | 37.20 2.36 0.00 | 37.41 2.77 0.00 | 34.82 2.67 0.00 | 116.42 3.02 -79.36 | 367.95 2.18 -341.65 | 28.86 2.11 -3.98 | 24.93 2.10 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.19 0.00 | 42.73 3.22 0.00 | 54.31 3.94 0.00 | 48.00 3.36 0.00 | 41.58 2.87 0.00 | 31.89 2.22 0.00 | 27.19 1.81 0.00 | 29.01 1.93 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT_6 24253 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.47 1.63 0.00 | 32.86 1.58 0.00 | 42.29 2.29 0.00 | 37.20 2.36 0.00 | 37.41 2.77 0.00 | 34.82 2.67 0.00 | 116.42 3.02 -79.36 | 367.95 2.18 -341.65 | 28.86 2.11 -3.98 | 24.93 2.10 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.19 0.00 | 42.73 3.22 0.00 | 54.31 3.94 0.00 | 48.00 3.36 0.00 | 41.58 2.87 0.00 | 31.89 2.22 0.00 | 27.19 1.81 0.00 | 29.01 1.93 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT_7 24255 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.47 1.63 0.00 | 32.86 1.58 0.00 | 42.29 2.29 0.00 | 37.20 2.36 0.00 | 37.41 2.77 0.00 | 34.82 2.67 0.00 | 116.42 3.02 -79.36 | 367.95 2.18 -341.65 | 28.86 2.11 -3.98 | 24.93 2.10 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.19 0.00 | 42.73 3.22 0.00 | 54.31 3.94 0.00 | 48.00 3.36 0.00 | 41.58 2.87 0.00 | 31.89 2.22 0.00 | 27.19 1.81 0.00 | 29.01 1.93 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.46 1.62 0.00 | 32.86 1.57 0.00 | 42.29 2.28 0.00 | 37.20 2.35 0.00 | 37.41 2.77 0.00 | 34.83 2.68 0.00 | 116.25 3.03 -79.18 | 367.18 2.19 -340.87 | 28.86 2.11 -3.98 | 24.93 2.09 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.18 0.00 | 42.72 3.21 0.00 | 54.29 3.92 0.00 | 47.99 3.35 0.00 | 41.57 2.86 0.00 | 31.88 2.22 0.00 | 27.18 1.80 0.00 | 29.00 1.92 0.00 | 26.07 1.68 0.00 |

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| RAVENSWOOD_GT_9 24257 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.46 1.62 0.00 | 32.86 1.57 0.00 | 42.29 2.28 0.00 | 37.20 2.35 0.00 | 37.41 2.77 0.00 | 34.83 2.68 0.00 | 116.25 3.03 -79.18 | 367.18 2.19 -340.87 | 28.86 2.11 -3.98 | 24.93 2.09 -0.39 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.18 0.00 | 42.72 3.21 0.00 | 54.29 3.92 0.00 | 47.99 3.35 0.00 | 41.57 2.86 0.00 | 31.88 2.22 0.00 | 27.18 1.80 0.00 | 29.00 1.92 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD___1 23533 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.30 1.33 0.00 | 35.43 1.60 0.00 | 32.86 1.57 0.00 | 42.28 2.28 0.00 | 37.21 2.36 0.00 | 37.42 2.79 0.00 | 34.86 2.71 0.00 | 115.96 3.05 -78.87 | 365.90 2.23 -339.55 | 28.90 2.16 -3.97 | 24.95 2.11 -0.40 | 27.49 2.13 -2.02 | 29.29 2.41 0.00 | 42.14 3.16 0.00 | 42.70 3.19 0.00 | 54.24 3.86 0.00 | 47.93 3.28 0.00 | 41.55 2.83 0.00 | 31.88 2.22 0.00 | 27.15 1.77 0.00 | 28.97 1.88 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD___2 23534 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.30 1.33 0.00 | 35.43 1.60 0.00 | 32.86 1.57 0.00 | 42.28 2.28 0.00 | 37.21 2.36 0.00 | 37.42 2.79 0.00 | 34.86 2.71 0.00 | 115.96 3.05 -78.87 | 365.90 2.23 -339.55 | 28.90 2.16 -3.97 | 24.95 2.11 -0.40 | 27.48 2.13 -2.02 | 29.29 2.41 0.00 | 42.14 3.16 0.00 | 42.70 3.19 0.00 | 54.24 3.86 0.00 | 47.93 3.28 0.00 | 41.55 2.83 0.00 | 31.87 2.21 0.00 | 27.11 1.73 0.00 | 28.93 1.84 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD___3 23535 | 28.67 1.49 0.00 | 26.06 1.37 0.00 | 26.30 1.34 0.00 | 35.46 1.62 0.00 | 32.86 1.57 0.00 | 42.29 2.28 0.00 | 37.20 2.36 0.00 | 37.41 2.77 0.00 | 34.83 2.68 0.00 | 116.21 3.02 -79.15 | 367.05 2.19 -340.73 | 28.87 2.12 -3.98 | 24.94 2.10 -0.40 | 27.49 2.14 -2.02 | 29.28 2.41 0.00 | 42.17 3.19 0.00 | 42.72 3.21 0.00 | 54.29 3.92 0.00 | 47.98 3.34 0.00 | 41.56 2.85 0.00 | 31.88 2.22 0.00 | 27.17 1.79 0.00 | 29.00 1.92 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD___4 23820 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.30 1.33 0.00 | 35.43 1.60 0.00 | 32.86 1.57 0.00 | 42.28 2.28 0.00 | 37.21 2.36 0.00 | 37.42 2.79 0.00 | 34.86 2.71 0.00 | 115.96 3.05 -78.87 | 365.90 2.23 -339.55 | 28.90 2.16 -3.97 | 24.95 2.11 -0.40 | 27.49 2.13 -2.02 | 29.29 2.41 0.00 | 42.14 3.16 0.00 | 42.70 3.19 0.00 | 54.24 3.86 0.00 | 47.93 3.28 0.00 | 41.55 2.83 0.00 | 31.88 2.22 0.00 | 27.15 1.77 0.00 | 28.97 1.88 0.00 | 26.07 1.68 0.00 |
| RCPL_TRUST___DRP 24196 | 28.67 1.48 0.00 | 26.06 1.36 0.00 | 26.29 1.32 0.00 | 35.46 1.63 0.00 | 32.86 1.58 0.00 | 42.29 2.28 0.00 | 37.20 2.36 0.00 | 37.41 2.78 0.00 | 34.82 2.67 0.00 | 27.80 3.02 9.26 | -12.28 2.19 38.59 | 25.76 2.13 -0.86 | 24.95 2.12 -0.39 | 27.51 2.16 -2.02 | 29.30 2.43 0.00 | 42.21 3.23 0.00 | 42.75 3.25 0.00 | 54.34 3.97 0.00 | 48.02 3.37 0.00 | 41.59 2.87 0.00 | 31.89 2.23 0.00 | 27.19 1.81 0.00 | 29.01 1.93 0.00 | 26.07 1.68 0.00 |
| RED___ROCHESTER 323720 | 26.46 -0.74 0.00 | 24.01 -0.68 0.00 | 23.99 -0.61 0.36 | 32.69 -1.14 0.00 | 30.48 -0.81 0.00 | 39.08 -0.93 0.00 | 33.59 -1.25 0.00 | 33.39 -1.25 0.00 | 31.06 -1.09 0.00 | 33.13 -0.92 0.00 | 23.48 -0.67 -0.04 | 22.06 -0.76 -0.04 | 21.70 -0.76 -0.02 | 22.70 -0.71 -0.08 | 26.09 -0.78 0.00 | 37.76 -1.22 0.00 | 37.95 -1.56 0.00 | 48.69 -1.68 0.00 | 43.17 -1.47 0.00 | 37.51 -1.21 0.00 | 28.63 -1.04 0.00 | 24.62 -0.74 0.03 | 26.32 -0.77 0.00 | 23.89 -0.50 0.00 |
| REGAN___SOLAR 323812 | 28.70 1.51 0.00 | 26.02 1.33 0.00 | 26.30 1.34 0.00 | 35.65 1.81 0.00 | 33.02 1.73 0.00 | 42.33 2.33 0.00 | 37.03 2.19 0.00 | 36.98 2.34 0.00 | 34.02 1.87 0.00 | 34.99 0.95 0.00 | 24.52 0.44 0.05 | 23.17 0.46 0.06 | 23.08 0.66 0.02 | 23.68 0.45 0.10 | 27.48 0.61 0.00 | 40.66 1.68 0.00 | 42.14 2.63 0.00 | 54.02 3.65 0.00 | 47.86 3.22 0.00 | 41.51 2.80 0.00 | 31.70 2.03 0.00 | 27.10 1.72 0.00 | 28.84 1.75 0.00 | 25.91 1.52 0.00 |
| RENSSELAER___COGEN 23796 | 27.56 0.37 0.00 | 25.04 0.35 0.00 | 25.31 0.34 0.00 | 34.33 0.50 0.00 | 31.76 0.47 0.00 | 40.62 0.61 0.00 | 35.47 0.62 0.00 | 35.50 0.86 0.00 | 32.97 0.82 0.00 | 34.89 0.85 0.00 | 24.65 0.60 0.07 | 23.29 0.61 0.10 | 23.01 0.60 0.03 | 23.75 0.57 0.16 | 27.56 0.69 0.00 | 39.98 1.00 0.00 | 40.45 0.94 0.00 | 51.41 1.03 0.00 | 45.57 0.93 0.00 | 39.45 0.73 0.00 | 30.29 0.63 0.00 | 25.93 0.55 0.00 | 27.64 0.56 0.00 | 24.78 0.39 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 30.32 3.13 0.00 | 27.46 2.76 0.00 | 27.77 2.80 0.00 | 37.29 3.46 0.00 | 34.92 3.63 0.00 | 44.83 4.82 0.00 | 39.50 4.66 0.00 | 39.18 4.55 0.00 | 36.43 4.28 0.00 | 38.04 4.00 0.00 | 26.63 2.58 0.07 | 25.00 2.32 0.09 | 24.78 2.38 0.03 | 25.85 2.68 0.16 | 30.11 3.24 0.00 | 43.95 4.96 0.00 | 44.68 5.18 0.00 | 57.17 6.79 0.00 | 50.10 5.46 0.00 | 43.25 4.54 0.00 | 33.36 3.69 0.00 | 28.59 3.21 0.00 | 30.45 3.36 0.00 | 27.06 2.67 0.00 |
| REVERE_CPPR_DRP 24186 | 27.74 0.55 0.00 | 25.23 0.54 0.00 | 25.48 0.51 0.00 | 34.50 0.67 0.00 | 32.06 0.77 0.00 | 41.23 1.23 0.00 | 36.03 1.19 0.00 | 35.96 1.32 0.00 | 33.28 1.13 0.00 | 35.06 1.02 0.00 | 24.66 0.54 0.00 | 23.19 0.41 0.00 | 22.88 0.44 0.00 | 23.83 0.50 0.00 | 27.52 0.65 0.00 | 40.25 1.26 0.00 | 41.13 1.63 0.00 | 52.62 2.24 0.00 | 46.58 1.93 0.00 | 40.38 1.67 0.00 | 30.84 1.18 0.00 | 26.31 0.93 0.00 | 28.06 0.97 0.00 | 25.23 0.84 0.00 |
| REYNOLDS_115KV_TB3 80639 | 27.85 0.66 0.00 | 25.30 0.61 0.00 | 25.56 0.60 0.00 | 34.64 0.81 0.00 | 32.08 0.79 0.00 | 41.04 1.03 0.00 | 35.80 0.95 0.00 | 35.82 1.18 0.00 | 33.28 1.13 0.00 | 35.24 1.20 0.00 | 24.90 0.85 0.08 | 23.49 0.82 0.10 | 23.22 0.82 0.03 | 23.97 0.81 0.17 | 27.84 0.97 0.00 | 40.38 1.39 0.00 | 40.82 1.32 0.00 | 51.86 1.49 0.00 | 45.97 1.33 0.00 | 39.78 1.07 0.00 | 30.58 0.92 0.00 | 26.19 0.81 0.00 | 27.93 0.84 0.00 | 25.02 0.63 0.00 |
| RIVERBAY____ 323610 | 28.68 1.49 0.00 | 26.06 1.37 0.00 | 26.29 1.32 0.00 | 35.45 1.61 0.00 | 32.87 1.58 0.00 | 42.36 2.36 0.00 | 37.37 2.53 0.00 | 37.61 2.98 0.00 | 34.97 2.82 0.00 | 116.24 3.05 -79.15 | 367.14 2.28 -340.73 | 28.92 2.16 -3.98 | 24.89 2.05 -0.39 | 27.44 2.09 -2.02 | 29.21 2.34 0.00 | 42.07 3.09 0.00 | 42.73 3.22 0.00 | 54.35 3.98 0.00 | 47.99 3.35 0.00 | 41.59 2.87 0.00 | 31.83 2.17 0.00 | 27.13 1.75 0.00 | 29.01 1.93 0.00 | 26.09 1.70 0.00 |
| RIVERSDE_115KV_TB3 55908 | 27.72 0.54 0.00 | 25.18 0.48 0.00 | 25.44 0.48 0.00 | 34.49 0.66 0.00 | 31.93 0.64 0.00 | 40.85 0.85 0.00 | 35.65 0.81 0.00 | 35.68 1.05 0.00 | 33.15 1.00 0.00 | 35.09 1.05 0.00 | 24.79 0.74 0.08 | 23.41 0.73 0.10 | 23.14 0.73 0.03 | 23.89 0.72 0.17 | 27.74 0.86 0.00 | 40.23 1.24 0.00 | 40.67 1.16 0.00 | 51.69 1.31 0.00 | 45.80 1.16 0.00 | 39.64 0.92 0.00 | 30.45 0.79 0.00 | 26.07 0.69 0.00 | 27.80 0.71 0.00 | 24.91 0.52 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 26.46 -0.73 0.00 | 24.01 -0.68 0.00 | 24.27 -0.70 0.00 | 32.85 -0.99 0.00 | 30.32 -0.97 0.00 | 38.97 -1.03 0.00 | 34.02 -0.82 0.00 | 33.75 -0.89 0.00 | 31.16 -0.99 0.00 | 32.94 -1.10 0.00 | 23.27 -0.86 0.00 | 21.97 -0.81 0.00 | 21.60 -0.84 0.00 | 22.54 -0.79 0.00 | 26.16 -0.71 0.00 | 37.96 -1.03 0.00 | 38.71 -0.80 0.00 | 49.81 -0.56 0.00 | 44.29 -0.35 0.00 | 38.57 -0.15 0.00 | 29.44 -0.22 0.00 | 24.97 -0.41 0.00 | 26.71 -0.38 0.00 | 24.07 -0.31 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 26.23 -0.96 0.00 | 23.81 -0.88 0.00 | 24.16 -0.81 0.00 | 32.43 -1.40 0.00 | 30.22 -1.07 0.00 | 38.72 -1.28 0.00 | 33.27 -1.58 0.00 | 33.04 -1.60 0.00 | 30.74 -1.41 0.00 | 32.79 -1.25 0.00 | 23.23 -0.93 -0.04 | 21.83 -0.99 -0.04 | 21.49 -0.97 -0.01 | 22.50 -0.90 -0.08 | 25.84 -1.03 0.00 | 37.35 -1.63 0.00 | 37.51 -1.99 0.00 | 48.10 -2.27 0.00 | 42.64 -2.00 0.00 | 37.06 -1.66 0.00 | 28.30 -1.36 0.00 | 24.38 -1.01 0.00 | 26.04 -1.04 0.00 | 23.66 -0.73 0.00 |
| ROCHESTER_9_IC 23652 | 26.35 -0.84 0.00 | 23.92 -0.77 0.00 | 24.27 -0.70 0.00 | 32.57 -1.26 0.00 | 30.36 -0.93 0.00 | 38.92 -1.08 0.00 | 33.45 -1.39 0.00 | 33.22 -1.42 0.00 | 30.91 -1.24 0.00 | 32.96 -1.08 0.00 | 23.35 -0.81 -0.04 | 21.95 -0.88 -0.04 | 21.60 -0.86 -0.02 | 22.60 -0.81 -0.08 | 25.98 -0.89 0.00 | 37.58 -1.41 0.00 | 37.75 -1.76 0.00 | 48.41 -1.96 0.00 | 42.93 -1.72 0.00 | 37.30 -1.41 0.00 | 28.48 -1.19 0.00 | 24.51 -0.86 0.00 | 26.19 -0.90 0.00 | 23.78 -0.61 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 28.62 1.43 0.00 | 26.01 1.32 0.00 | 26.25 1.28 0.00 | 35.41 1.58 0.00 | 32.81 1.52 0.00 | 42.19 2.19 0.00 | 37.14 2.30 0.00 | 37.38 2.74 0.00 | 34.78 2.63 0.00 | 39.88 2.97 -2.87 | 39.69 2.14 -13.43 | 26.13 2.06 -1.29 | 24.88 2.05 -0.39 | 27.45 2.09 -2.02 | 29.25 2.38 0.00 | 42.17 3.19 0.00 | 42.75 3.24 0.00 | 54.35 3.98 0.00 | 48.05 3.41 0.00 | 41.60 2.89 0.00 | 31.90 2.24 0.00 | 27.19 1.81 0.00 | 29.02 1.93 0.00 | 26.08 1.69 0.00 |
| ROME____115KV_TB2 80656 | 27.74 0.55 0.00 | 25.23 0.54 0.00 | 25.48 0.51 0.00 | 34.50 0.67 0.00 | 32.06 0.77 0.00 | 41.23 1.23 0.00 | 36.03 1.19 0.00 | 35.96 1.32 0.00 | 33.28 1.13 0.00 | 35.06 1.02 0.00 | 24.66 0.54 0.00 | 23.19 0.41 0.00 | 22.88 0.44 0.00 | 23.83 0.50 0.00 | 27.52 0.65 0.00 | 40.25 1.26 0.00 | 41.13 1.63 0.00 | 52.62 2.24 0.00 | 46.58 1.93 0.00 | 40.38 1.67 0.00 | 30.84 1.18 0.00 | 26.31 0.93 0.00 | 28.06 0.97 0.00 | 25.23 0.84 0.00 |
| ROSETON___1 23587 | 28.30 1.11 0.00 | 25.71 1.02 0.00 | 25.95 0.99 0.00 | 35.07 1.24 0.00 | 32.50 1.21 0.00 | 41.75 1.74 0.00 | 36.67 1.83 0.00 | 36.92 2.28 0.00 | 34.32 2.17 0.00 | 37.82 2.42 -1.36 | 32.13 1.74 -6.27 | 25.76 1.65 -1.33 | 24.50 1.63 -0.43 | 27.20 1.67 -2.19 | 28.78 1.91 0.00 | 41.57 2.58 0.00 | 42.14 2.63 0.00 | 53.59 3.22 0.00 | 47.39 2.75 0.00 | 41.02 2.31 0.00 | 31.44 1.78 0.00 | 26.83 1.45 0.00 | 28.64 1.55 0.00 | 25.72 1.33 0.00 |
| ROSETON___2 23588 | 28.30 1.11 0.00 | 25.71 1.02 0.00 | 25.95 0.99 0.00 | 35.07 1.24 0.00 | 32.50 1.21 0.00 | 41.75 1.74 0.00 | 36.67 1.83 0.00 | 36.92 2.28 0.00 | 34.32 2.17 0.00 | 37.25 2.41 -0.80 | 32.13 1.74 -6.27 | 25.76 1.65 -1.33 | 24.50 1.63 -0.43 | 27.20 1.67 -2.19 | 28.78 1.91 0.00 | 41.57 2.58 0.00 | 42.14 2.63 0.00 | 53.59 3.22 0.00 | 47.39 2.75 0.00 | 41.02 2.31 0.00 | 31.44 1.78 0.00 | 26.83 1.45 0.00 | 28.64 1.55 0.00 | 25.72 1.33 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 27.95 0.76 0.00 | 25.37 0.68 0.00 | 25.64 0.68 0.00 | 34.79 0.96 0.00 | 32.18 0.89 0.00 | 41.15 1.15 0.00 | 35.96 1.12 0.00 | 35.93 1.29 0.00 | 33.34 1.19 0.00 | 35.22 1.18 0.00 | 24.83 0.77 0.07 | 23.41 0.72 0.08 | 23.15 0.74 0.03 | 23.96 0.77 0.14 | 27.79 0.92 0.00 | 40.39 1.40 0.00 | 40.99 1.49 0.00 | 52.22 1.84 0.00 | 46.25 1.61 0.00 | 40.07 1.36 0.00 | 30.72 1.06 0.00 | 26.28 0.90 0.00 | 28.04 0.95 0.00 | 25.18 0.78 0.00 |
| RUSSELL___1 23602 | 26.45 -0.74 0.00 | 24.01 -0.68 0.00 | 24.36 -0.61 0.00 | 32.69 -1.14 0.00 | 30.48 -0.81 0.00 | 39.08 -0.92 0.00 | 33.59 -1.25 0.00 | 33.38 -1.25 0.00 | 31.05 -1.09 0.00 | 33.11 -0.93 0.00 | 23.45 -0.70 -0.04 | 22.04 -0.78 -0.04 | 21.69 -0.76 -0.02 | 22.69 -0.71 -0.08 | 26.09 -0.78 0.00 | 37.76 -1.22 0.00 | 37.95 -1.56 0.00 | 48.69 -1.68 0.00 | 43.17 -1.47 0.00 | 37.51 -1.21 0.00 | 28.63 -1.03 0.00 | 24.65 -0.74 0.00 | 26.32 -0.77 0.00 | 23.89 -0.50 0.00 |
| RUSSELL___2 23532 | 26.45 -0.74 0.00 | 24.01 -0.68 0.00 | 24.36 -0.61 0.00 | 32.69 -1.14 0.00 | 30.48 -0.81 0.00 | 39.08 -0.92 0.00 | 33.59 -1.25 0.00 | 33.38 -1.25 0.00 | 31.05 -1.09 0.00 | 33.11 -0.93 0.00 | 23.45 -0.70 -0.04 | 22.04 -0.78 -0.04 | 21.69 -0.76 -0.02 | 22.69 -0.71 -0.08 | 26.09 -0.78 0.00 | 37.76 -1.22 0.00 | 37.95 -1.56 0.00 | 48.69 -1.68 0.00 | 43.17 -1.47 0.00 | 37.51 -1.21 0.00 | 28.63 -1.03 0.00 | 24.65 -0.74 0.00 | 26.32 -0.77 0.00 | 23.89 -0.50 0.00 |
| RUSSELL___3 23549 | 26.45 -0.74 0.00 | 24.01 -0.68 0.00 | 24.36 -0.61 0.00 | 32.69 -1.14 0.00 | 30.48 -0.81 0.00 | 39.08 -0.92 0.00 | 33.59 -1.25 0.00 | 33.38 -1.25 0.00 | 31.05 -1.09 0.00 | 33.11 -0.93 0.00 | 23.45 -0.70 -0.04 | 22.04 -0.78 -0.04 | 21.69 -0.76 -0.02 | 22.69 -0.71 -0.08 | 26.09 -0.78 0.00 | 37.76 -1.22 0.00 | 37.95 -1.56 0.00 | 48.69 -1.68 0.00 | 43.17 -1.47 0.00 | 37.51 -1.21 0.00 | 28.63 -1.03 0.00 | 24.65 -0.74 0.00 | 26.32 -0.77 0.00 | 23.89 -0.50 0.00 |
| RUSSELL___4 23556 | 26.45 -0.74 0.00 | 24.01 -0.68 0.00 | 24.36 -0.61 0.00 | 32.69 -1.14 0.00 | 30.48 -0.81 0.00 | 39.08 -0.92 0.00 | 33.59 -1.25 0.00 | 33.38 -1.25 0.00 | 31.05 -1.09 0.00 | 33.11 -0.93 0.00 | 23.45 -0.70 -0.04 | 22.04 -0.78 -0.04 | 21.69 -0.76 -0.02 | 22.69 -0.71 -0.08 | 26.09 -0.78 0.00 | 37.76 -1.22 0.00 | 37.95 -1.56 0.00 | 48.69 -1.68 0.00 | 43.17 -1.47 0.00 | 37.51 -1.21 0.00 | 28.63 -1.03 0.00 | 24.65 -0.74 0.00 | 26.32 -0.77 0.00 | 23.89 -0.50 0.00 |
| RUSSELL___STATION 23914 | 26.45 -0.74 0.00 | 24.01 -0.68 0.00 | 24.36 -0.61 0.00 | 32.69 -1.14 0.00 | 30.48 -0.81 0.00 | 39.08 -0.92 0.00 | 33.59 -1.25 0.00 | 33.38 -1.25 0.00 | 31.05 -1.09 0.00 | 33.11 -0.93 0.00 | 23.45 -0.70 -0.04 | 22.04 -0.78 -0.04 | 21.69 -0.76 -0.02 | 22.69 -0.71 -0.08 | 26.09 -0.78 0.00 | 37.76 -1.22 0.00 | 37.95 -1.56 0.00 | 48.69 -1.68 0.00 | 43.17 -1.47 0.00 | 37.51 -1.21 0.00 | 28.63 -1.03 0.00 | 24.65 -0.74 0.00 | 26.32 -0.77 0.00 | 23.89 -0.50 0.00 |
| S SALMON___HYD 24043 | 26.62 -0.57 0.00 | 24.18 -0.51 0.00 | 24.37 -0.59 0.00 | 32.99 -0.84 0.00 | 30.74 -0.55 0.00 | 39.45 -0.56 0.00 | 34.32 -0.53 0.00 | 34.21 -0.42 0.00 | 31.60 -0.55 0.00 | 33.25 -0.79 0.00 | 23.44 -0.70 -0.02 | 22.10 -0.70 -0.03 | 21.73 -0.72 -0.01 | 22.74 -0.64 -0.05 | 26.27 -0.60 0.00 | 38.47 -0.51 0.00 | 39.08 -0.42 0.00 | 50.08 -0.29 0.00 | 44.39 -0.25 0.00 | 38.62 -0.09 0.00 | 29.50 -0.16 0.00 | 25.19 -0.19 0.00 | 26.87 -0.22 0.00 | 24.23 -0.16 0.00 |
| S.PERRY__115KV_TB1 80734 | 26.76 -0.43 0.00 | 24.26 -0.44 0.00 | 24.72 -0.25 0.00 | 33.10 -0.73 0.00 | 30.93 -0.36 0.00 | 39.83 -0.17 0.00 | 34.40 -0.44 0.00 | 34.38 -0.26 0.00 | 31.87 -0.27 0.00 | 33.40 -0.64 0.00 | 23.58 -0.60 -0.05 | 22.11 -0.73 -0.06 | 21.73 -0.73 -0.02 | 22.81 -0.63 -0.11 | 26.25 -0.63 0.00 | 38.01 -0.97 0.00 | 38.87 -0.64 0.00 | 50.27 -0.10 0.00 | 44.62 -0.02 0.00 | 38.76 0.05 0.00 | 29.54 -0.12 0.00 | 25.48 0.10 0.00 | 27.30 0.21 0.00 | 24.78 0.38 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 25.91 -1.28 0.00 | 23.54 -1.16 0.00 | 23.96 -1.01 0.00 | 31.93 -1.90 0.00 | 29.94 -1.36 0.00 | 38.41 -1.59 0.00 | 32.67 -2.17 0.00 | 32.31 -2.33 0.00 | 30.17 -1.98 0.00 | 32.45 -1.59 0.00 | 22.94 -1.23 -0.04 | 21.51 -1.32 -0.06 | 21.19 -1.27 -0.02 | 22.38 -1.05 -0.10 | 25.57 -1.30 0.00 | 36.71 -2.27 0.00 | 36.52 -2.99 0.00 | 46.88 -3.50 0.00 | 41.62 -3.03 0.00 | 36.26 -2.46 0.00 | 27.69 -1.97 0.00 | 24.02 -1.36 0.00 | 25.79 -1.29 0.00 | 23.60 -0.79 0.00 |

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| SAWYER___23_KV_LOAD 55526 | 25.91 -1.28 0.00 | 23.54 -1.16 0.00 | 23.96 -1.01 0.00 | 31.93 -1.90 0.00 | 29.94 -1.36 0.00 | 38.41 -1.59 0.00 | 32.67 -2.17 0.00 | 32.31 -2.33 0.00 | 30.17 -1.98 0.00 | 32.45 -1.59 0.00 | 22.94 -1.23 -0.04 | 21.51 -1.32 -0.06 | 21.19 -1.27 -0.02 | 22.38 -1.05 -0.10 | 25.57 -1.30 0.00 | 36.71 -2.27 0.00 | 36.52 -2.99 0.00 | 46.88 -3.50 0.00 | 41.62 -3.03 0.00 | 36.26 -2.46 0.00 | 27.69 -1.97 0.00 | 24.02 -1.36 0.00 | 25.79 -1.29 0.00 | 23.60 -0.79 0.00 |
| SELKIRK___I 23801 | 27.76 0.57 0.00 | 25.23 0.53 0.00 | 25.50 0.54 0.00 | 34.64 0.81 0.00 | 32.03 0.73 0.00 | 40.93 0.93 0.00 | 35.72 0.88 0.00 | 35.69 1.05 0.00 | 33.07 0.92 0.00 | 34.98 0.94 0.00 | 24.71 0.63 0.04 | 23.30 0.58 0.06 | 22.98 0.56 0.02 | 23.80 0.57 0.10 | 27.56 0.69 0.00 | 40.09 1.11 0.00 | 40.63 1.12 0.00 | 51.67 1.30 0.00 | 45.81 1.16 0.00 | 39.67 0.96 0.00 | 30.45 0.78 0.00 | 26.07 0.69 0.00 | 27.81 0.72 0.00 | 24.95 0.56 0.00 |
| SELKIRK___II 23799 | 27.65 0.46 0.00 | 25.11 0.42 0.00 | 25.39 0.42 0.00 | 34.46 0.63 0.00 | 31.86 0.56 0.00 | 40.74 0.73 0.00 | 35.56 0.72 0.00 | 35.58 0.95 0.00 | 33.04 0.89 0.00 | 34.97 0.93 0.00 | 24.70 0.65 0.07 | 23.32 0.63 0.09 | 23.03 0.62 0.03 | 23.80 0.61 0.15 | 27.61 0.74 0.00 | 40.04 1.06 0.00 | 40.53 1.03 0.00 | 51.53 1.16 0.00 | 45.68 1.04 0.00 | 39.55 0.84 0.00 | 30.36 0.70 0.00 | 25.99 0.61 0.00 | 27.72 0.63 0.00 | 24.87 0.48 0.00 |
| SENECA OSWGO___HYD 24041 | 26.60 -0.59 0.00 | 24.16 -0.53 0.00 | 24.46 -0.51 0.00 | 33.10 -0.73 0.00 | 30.68 -0.61 0.00 | 39.18 -0.82 0.00 | 34.01 -0.84 0.00 | 33.90 -0.73 0.00 | 31.47 -0.68 0.00 | 33.29 -0.76 0.00 | 23.63 -0.51 -0.03 | 22.29 -0.52 -0.03 | 21.94 -0.51 -0.01 | 22.87 -0.52 -0.05 | 26.20 -0.68 0.00 | 38.08 -0.90 0.00 | 38.65 -0.85 0.00 | 49.37 -1.00 0.00 | 43.73 -0.92 0.00 | 37.92 -0.79 0.00 | 29.03 -0.63 0.00 | 24.87 -0.51 0.00 | 26.51 -0.58 0.00 | 23.93 -0.46 0.00 |
| SENECA___115KV_TB3 355854 | 26.25 -0.94 0.00 | 23.85 -0.84 0.00 | 24.29 -0.68 0.00 | 32.38 -1.45 0.00 | 30.39 -0.90 0.00 | 39.00 -1.01 0.00 | 33.25 -1.59 0.00 | 32.95 -1.69 0.00 | 30.77 -1.38 0.00 | 33.08 -0.96 0.00 | 23.36 -0.81 -0.05 | 21.91 -0.93 -0.06 | 21.57 -0.88 -0.02 | 22.79 -0.64 -0.10 | 26.05 -0.82 0.00 | 37.44 -1.55 0.00 | 37.30 -2.21 0.00 | 47.87 -2.50 0.00 | 42.49 -2.16 0.00 | 37.01 -1.70 0.00 | 28.25 -1.41 0.00 | 24.51 -0.87 0.00 | 26.34 -0.74 0.00 | 24.07 -0.33 0.00 |
| SENECA___ENERGY 23797 | 26.78 -0.41 0.00 | 24.31 -0.38 0.00 | 24.62 -0.35 0.00 | 33.23 -0.60 0.00 | 30.85 -0.44 0.00 | 39.55 -0.45 0.00 | 34.38 -0.46 0.00 | 34.30 -0.33 0.00 | 31.84 -0.31 0.00 | 33.64 -0.40 0.00 | 23.81 -0.35 -0.04 | 22.41 -0.42 -0.05 | 22.00 -0.45 -0.02 | 23.01 -0.41 -0.08 | 26.46 -0.42 0.00 | 38.45 -0.53 0.00 | 38.97 -0.54 0.00 | 49.93 -0.44 0.00 | 44.23 -0.42 0.00 | 38.40 -0.31 0.00 | 29.34 -0.32 0.00 | 25.15 -0.23 0.00 | 26.86 -0.22 0.00 | 24.30 -0.09 0.00 |
| SHOEMAKER___GT 23640 | 28.21 1.02 0.00 | 25.62 0.93 0.00 | 25.88 0.91 0.00 | 34.99 1.16 0.00 | 32.42 1.13 0.00 | 41.62 1.61 0.00 | 36.52 1.67 0.00 | 36.76 2.12 0.00 | 34.14 1.99 0.00 | 34.96 2.15 1.22 | 22.05 1.54 3.62 | 25.26 1.47 -1.01 | 24.24 1.45 -0.35 | 26.62 1.50 -1.78 | 28.61 1.74 0.00 | 41.41 2.42 0.00 | 42.05 2.54 0.00 | 53.52 3.15 0.00 | 47.33 2.69 0.00 | 40.96 2.25 0.00 | 31.39 1.73 0.00 | 26.80 1.42 0.00 | 28.61 1.52 0.00 | 25.71 1.32 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 28.20 1.01 0.00 | 25.61 0.92 0.00 | 25.87 0.91 0.00 | 34.98 1.15 0.00 | 32.41 1.11 0.00 | 41.59 1.59 0.00 | 36.50 1.66 0.00 | 36.74 2.11 0.00 | 34.13 1.98 0.00 | 35.05 2.16 1.15 | 22.39 1.56 3.29 | 25.27 1.48 -1.01 | 24.25 1.47 -0.35 | 26.63 1.52 -1.77 | 28.63 1.76 0.00 | 41.40 2.42 0.00 | 42.04 2.53 0.00 | 53.48 3.11 0.00 | 47.30 2.66 0.00 | 40.95 2.23 0.00 | 31.37 1.71 0.00 | 26.77 1.40 0.00 | 28.59 1.51 0.00 | 25.70 1.31 0.00 |
| SHOREHAM_IC_1 23715 | 28.80 1.61 0.00 | 26.44 1.75 0.00 | 26.66 1.70 0.00 | 35.59 1.76 0.00 | 33.19 1.90 0.00 | 42.32 2.31 0.00 | 37.36 2.52 0.00 | 36.82 2.19 0.00 | 34.60 2.44 0.00 | 45.16 2.45 -8.67 | 64.32 1.92 -38.28 | 26.40 2.13 -1.50 | 25.02 2.18 -0.40 | 27.46 2.11 -2.02 | 29.06 2.19 0.00 | 42.27 3.29 0.00 | 42.68 3.17 0.00 | 53.74 3.37 0.00 | 41.53 3.26 6.37 | 42.37 3.18 -0.48 | 39.02 2.74 -6.62 | 27.24 1.86 0.00 | 29.17 2.08 0.00 | 26.41 2.02 0.00 |
| SHOREHAM_IC_2 23716 | 28.80 1.61 0.00 | 26.44 1.75 0.00 | 26.66 1.70 0.00 | 35.59 1.76 0.00 | 33.19 1.90 0.00 | 42.32 2.31 0.00 | 37.36 2.52 0.00 | 36.82 2.19 0.00 | 34.60 2.44 0.00 | 45.16 2.45 -8.67 | 64.32 1.92 -38.28 | 26.40 2.13 -1.50 | 25.02 2.18 -0.40 | 27.46 2.11 -2.02 | 29.06 2.19 0.00 | 42.27 3.29 0.00 | 42.68 3.17 0.00 | 53.74 3.37 0.00 | 41.53 3.26 6.37 | 42.37 3.18 -0.48 | 39.02 2.74 -6.62 | 27.24 1.86 0.00 | 29.17 2.08 0.00 | 26.41 2.02 0.00 |
| SISSONVILLE____ 23735 | 26.82 -0.37 0.00 | 24.25 -0.45 0.00 | 24.45 -0.52 0.00 | 32.63 -1.20 0.00 | 29.80 -1.49 0.00 | 38.41 -1.59 0.00 | 33.73 -1.11 0.00 | 33.30 -1.34 0.00 | 30.48 -1.67 0.00 | 32.26 -1.78 0.00 | 22.70 -1.42 0.00 | 21.57 -1.20 0.00 | 21.22 -1.22 0.00 | 22.40 -0.94 0.00 | 26.04 -0.83 0.00 | 37.62 -1.37 0.00 | 38.61 -0.90 0.00 | 50.23 -0.14 0.00 | 44.94 0.30 0.00 | 39.29 0.58 0.00 | 29.82 0.16 0.00 | 24.89 -0.49 0.00 | 26.83 -0.26 0.00 | 24.24 -0.15 0.00 |
| SITHE_IND_GS1 24169 | 26.36 -0.83 0.00 | 23.94 -0.75 0.00 | 24.21 -0.75 0.00 | 32.77 -1.07 0.00 | 30.34 -0.96 0.00 | 38.67 -1.34 0.00 | 33.52 -1.33 0.00 | 33.38 -1.26 0.00 | 30.99 -1.16 0.00 | 32.82 -1.23 0.00 | 23.31 -0.83 -0.02 | 22.02 -0.78 -0.02 | 21.68 -0.77 -0.01 | 22.57 -0.81 -0.04 | 25.88 -0.99 0.00 | 37.57 -1.42 0.00 | 38.06 -1.45 0.00 | 48.58 -1.80 0.00 | 43.03 -1.62 0.00 | 37.34 -1.38 0.00 | 28.59 -1.08 0.00 | 24.50 -0.88 0.00 | 26.12 -0.96 0.00 | 23.61 -0.78 0.00 |
| SITHE_IND_GS2 24170 | 26.36 -0.83 0.00 | 23.94 -0.75 0.00 | 24.21 -0.75 0.00 | 32.77 -1.07 0.00 | 30.34 -0.96 0.00 | 38.67 -1.34 0.00 | 33.52 -1.33 0.00 | 33.38 -1.26 0.00 | 30.99 -1.16 0.00 | 32.82 -1.23 0.00 | 23.31 -0.83 -0.02 | 22.02 -0.78 -0.02 | 21.68 -0.77 -0.01 | 22.57 -0.81 -0.04 | 25.88 -0.99 0.00 | 37.57 -1.42 0.00 | 38.06 -1.45 0.00 | 48.58 -1.80 0.00 | 43.03 -1.62 0.00 | 37.34 -1.38 0.00 | 28.59 -1.08 0.00 | 24.50 -0.88 0.00 | 26.12 -0.96 0.00 | 23.61 -0.78 0.00 |
| SITHE_IND_GS3 24171 | 26.36 -0.83 0.00 | 23.94 -0.75 0.00 | 24.21 -0.75 0.00 | 32.77 -1.07 0.00 | 30.34 -0.96 0.00 | 38.67 -1.34 0.00 | 33.52 -1.33 0.00 | 33.38 -1.26 0.00 | 30.99 -1.16 0.00 | 32.82 -1.23 0.00 | 23.31 -0.83 -0.02 | 22.02 -0.78 -0.02 | 21.68 -0.77 -0.01 | 22.57 -0.81 -0.04 | 25.88 -0.99 0.00 | 37.57 -1.42 0.00 | 38.06 -1.45 0.00 | 48.58 -1.80 0.00 | 43.03 -1.62 0.00 | 37.34 -1.38 0.00 | 28.59 -1.08 0.00 | 24.50 -0.88 0.00 | 26.12 -0.96 0.00 | 23.61 -0.78 0.00 |
| SITHE_IND_GS4 24172 | 26.36 -0.83 0.00 | 23.94 -0.75 0.00 | 24.21 -0.75 0.00 | 32.77 -1.07 0.00 | 30.34 -0.96 0.00 | 38.67 -1.34 0.00 | 33.52 -1.33 0.00 | 33.38 -1.26 0.00 | 30.99 -1.16 0.00 | 32.82 -1.23 0.00 | 23.31 -0.83 -0.02 | 22.02 -0.78 -0.02 | 21.68 -0.77 -0.01 | 22.57 -0.81 -0.04 | 25.88 -0.99 0.00 | 37.57 -1.42 0.00 | 38.06 -1.45 0.00 | 48.58 -1.80 0.00 | 43.03 -1.62 0.00 | 37.34 -1.38 0.00 | 28.59 -1.08 0.00 | 24.50 -0.88 0.00 | 26.12 -0.96 0.00 | 23.61 -0.78 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SITHE___BATAVIA 24024 | 26.53 -0.66 0.00 | 24.08 -0.61 0.00 | 23.91 -0.52 0.54 | 32.70 -1.13 0.00 | 30.63 -0.66 0.00 | 39.36 -0.64 0.00 | 33.66 -1.18 0.00 | 33.38 -1.26 0.00 | 31.06 -1.09 0.00 | 33.13 -0.91 0.00 | 23.43 -0.73 -0.04 | 21.89 -0.93 -0.05 | 21.52 -0.94 -0.02 | 22.91 -0.51 -0.09 | 25.98 -0.89 0.00 | 37.59 -1.39 0.00 | 37.79 -1.72 0.00 | 48.62 -1.75 0.00 | 43.12 -1.52 0.00 | 37.51 -1.20 0.00 | 28.60 -1.06 0.00 | 24.69 -0.65 0.04 | 26.45 -0.64 0.00 | 24.13 -0.26 0.00 |
| SITHE___INDEPEND 23800 | 26.36 -0.83 0.00 | 23.94 -0.75 0.00 | 24.21 -0.75 0.00 | 32.77 -1.07 0.00 | 30.34 -0.96 0.00 | 38.67 -1.34 0.00 | 33.52 -1.33 0.00 | 33.38 -1.26 0.00 | 30.98 -1.16 0.00 | 32.82 -1.23 0.00 | 23.32 -0.82 -0.02 | 22.02 -0.78 -0.02 | 21.68 -0.77 -0.01 | 22.56 -0.81 -0.04 | 25.88 -0.99 0.00 | 37.57 -1.42 0.00 | 38.06 -1.45 0.00 | 48.57 -1.80 0.00 | 43.03 -1.62 0.00 | 37.34 -1.38 0.00 | 28.58 -1.08 0.00 | 24.50 -0.88 0.00 | 26.12 -0.96 0.00 | 23.61 -0.78 0.00 |
| SITHE___MASSENA 23902 | 26.75 -0.44 0.00 | 24.17 -0.52 0.00 | 24.40 -0.56 0.00 | 32.54 -1.29 0.00 | 29.57 -1.72 0.00 | 38.04 -1.96 0.00 | 33.35 -1.49 0.00 | 32.86 -1.77 0.00 | 30.15 -2.00 0.00 | 32.10 -1.94 0.00 | 22.62 -1.50 0.00 | 21.50 -1.27 0.00 | 21.17 -1.27 0.00 | 22.30 -1.03 0.00 | 25.86 -1.01 0.00 | 37.22 -1.76 0.00 | 38.13 -1.37 0.00 | 49.67 -0.70 0.00 | 44.46 -0.18 0.00 | 38.88 0.16 0.00 | 29.51 -0.15 0.00 | 24.51 -0.87 0.00 | 26.51 -0.57 0.00 | 23.98 -0.41 0.00 |
| SITHE___OGDNSBRG 24021 | 27.15 -0.04 0.00 | 24.55 -0.14 0.00 | 24.77 -0.19 0.00 | 33.03 -0.80 0.00 | 30.13 -1.17 0.00 | 38.84 -1.17 0.00 | 34.12 -0.72 0.00 | 33.63 -1.00 0.00 | 30.71 -1.44 0.00 | 32.37 -1.67 0.00 | 22.74 -1.38 0.00 | 21.67 -1.10 0.00 | 21.38 -1.06 0.00 | 22.67 -0.66 0.00 | 26.38 -0.49 0.00 | 37.88 -1.11 0.00 | 39.04 -0.46 0.00 | 50.91 0.54 0.00 | 45.53 0.89 0.00 | 39.82 1.10 0.00 | 30.18 0.52 0.00 | 25.09 -0.29 0.00 | 27.10 0.02 0.00 | 24.49 0.10 0.00 |
| SITHE___STERLING 23777 | 27.62 0.43 0.00 | 25.11 0.41 0.00 | 25.40 0.43 0.00 | 34.39 0.56 0.00 | 31.95 0.65 0.00 | 41.00 1.00 0.00 | 35.79 0.95 0.00 | 35.72 1.08 0.00 | 33.09 0.94 0.00 | 34.93 0.89 0.00 | 24.64 0.52 0.00 | 23.19 0.39 -0.02 | 22.87 0.42 -0.01 | 23.83 0.46 -0.04 | 27.37 0.51 0.00 | 39.92 0.94 0.00 | 40.74 1.23 0.00 | 52.03 1.65 0.00 | 46.07 1.42 0.00 | 39.93 1.22 0.00 | 30.52 0.86 0.00 | 26.08 0.70 0.00 | 27.81 0.72 0.00 | 25.03 0.64 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 26.48 -0.71 0.00 | 24.04 -0.65 0.00 | 24.35 -0.61 0.00 | 32.80 -1.03 0.00 | 30.51 -0.78 0.00 | 39.12 -0.88 0.00 | 33.84 -1.01 0.00 | 33.69 -0.95 0.00 | 31.27 -0.87 0.00 | 33.27 -0.77 0.00 | 23.55 -0.61 -0.04 | 22.17 -0.64 -0.04 | 21.80 -0.66 -0.01 | 22.73 -0.67 -0.07 | 26.16 -0.71 0.00 | 38.00 -0.98 0.00 | 38.30 -1.21 0.00 | 49.12 -1.26 0.00 | 43.50 -1.14 0.00 | 37.76 -0.96 0.00 | 28.84 -0.82 0.00 | 24.74 -0.64 0.00 | 26.39 -0.70 0.00 | 23.92 -0.47 0.00 |
| SOUTH CAIRO___GT 23612 | 28.47 1.28 0.00 | 25.84 1.15 0.00 | 26.12 1.16 0.00 | 35.50 1.67 0.00 | 32.85 1.56 0.00 | 42.07 2.06 0.00 | 36.81 1.96 0.00 | 36.87 2.23 0.00 | 34.09 1.94 0.00 | 35.59 1.55 0.00 | 25.02 0.85 -0.05 | 23.55 0.74 -0.04 | 23.10 0.64 -0.01 | 24.05 0.65 -0.07 | 27.87 1.00 0.00 | 40.87 1.88 0.00 | 41.81 2.31 0.00 | 53.46 3.08 0.00 | 47.41 2.76 0.00 | 40.95 2.23 0.00 | 31.37 1.71 0.00 | 26.81 1.43 0.00 | 28.50 1.41 0.00 | 25.49 1.10 0.00 |
| SOUTH HAMPTN___IC 23720 | 28.99 1.80 0.00 | 26.61 1.92 0.00 | 26.84 1.88 0.00 | 35.88 2.05 0.00 | 33.45 2.16 0.00 | 42.71 2.70 0.00 | 37.67 2.83 0.00 | 37.23 2.59 0.00 | 34.88 2.73 0.00 | 45.44 2.73 -8.67 | 64.50 2.10 -38.28 | 26.51 2.24 -1.50 | 25.16 2.32 -0.40 | 27.59 2.24 -2.02 | 29.21 2.34 0.00 | 42.33 3.34 0.00 | 42.67 3.17 0.00 | 53.77 3.40 0.00 | 41.49 3.26 6.41 | 42.34 3.15 -0.48 | 38.94 2.66 -6.61 | 27.19 1.81 0.00 | 29.09 2.01 0.00 | 26.32 1.92 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 26.86 -0.33 0.00 | 24.41 -0.28 0.00 | 24.84 -0.12 0.00 | 33.32 -0.52 0.00 | 31.40 0.11 0.00 | 40.30 0.29 0.00 | 34.63 -0.22 0.00 | 34.56 -0.08 0.00 | 32.31 0.16 0.00 | 34.78 0.74 0.00 | 24.50 0.33 -0.05 | 23.00 0.16 -0.06 | 22.65 0.19 -0.02 | 23.92 0.48 -0.10 | 27.36 0.48 0.00 | 39.32 0.33 0.00 | 39.27 -0.23 0.00 | 50.20 -0.17 0.00 | 44.55 -0.10 0.00 | 38.79 0.08 0.00 | 29.59 -0.07 0.00 | 25.69 0.30 0.00 | 27.66 0.57 0.00 | 25.19 0.80 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 29.26 2.07 0.00 | 26.87 2.17 0.00 | 27.13 2.17 0.00 | 36.34 2.50 0.00 | 33.88 2.58 0.00 | 43.29 3.29 0.00 | 38.04 3.20 0.00 | 37.70 3.07 0.00 | 35.18 3.03 0.00 | 45.70 2.99 -8.67 | 64.69 2.29 -38.28 | 26.59 2.32 -1.50 | 25.30 2.46 -0.40 | 27.70 2.35 -2.02 | 29.30 2.43 0.00 | 42.20 3.22 0.00 | 42.41 2.90 0.00 | 53.39 3.02 0.00 | 41.18 2.94 6.41 | 42.02 2.83 -0.48 | 38.66 2.39 -6.61 | 26.94 1.56 0.00 | 28.81 1.72 0.00 | 26.03 1.64 0.00 |
| SOUTHOLD___IC 23719 | 29.26 2.07 0.00 | 26.87 2.17 0.00 | 27.13 2.17 0.00 | 36.34 2.50 0.00 | 33.88 2.58 0.00 | 43.28 3.27 0.00 | 38.04 3.20 0.00 | 37.71 3.07 0.00 | 35.19 3.04 0.00 | 45.70 2.99 -8.67 | 64.70 2.30 -38.28 | 26.59 2.32 -1.50 | 25.30 2.46 -0.40 | 27.70 2.35 -2.02 | 29.30 2.43 0.00 | 42.21 3.22 0.00 | 42.41 2.90 0.00 | 53.39 3.01 0.00 | 41.14 2.91 6.41 | 42.03 2.84 -0.48 | 38.67 2.40 -6.61 | 26.94 1.56 0.00 | 28.81 1.72 0.00 | 26.03 1.64 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 29.22 2.02 0.00 | 26.85 2.16 0.00 | 27.13 2.16 0.00 | 36.37 2.54 0.00 | 33.90 2.60 0.00 | 43.31 3.30 0.00 | 37.95 3.10 0.00 | 37.66 3.02 0.00 | 35.08 2.93 0.00 | 45.57 2.86 -8.67 | 64.63 2.23 -38.28 | 26.48 2.21 -1.50 | 25.24 2.40 -0.40 | 27.60 2.24 -2.02 | 29.14 2.27 0.00 | 41.77 2.79 0.00 | 41.82 2.32 0.00 | 52.55 2.17 0.00 | 40.41 2.18 6.41 | 41.41 2.22 -0.48 | 38.20 1.93 -6.61 | 26.53 1.15 0.00 | 28.37 1.28 0.00 | 25.63 1.24 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 28.91 1.72 0.00 | 26.23 1.54 0.00 | 26.51 1.55 0.00 | 35.85 2.02 0.00 | 33.28 1.99 0.00 | 42.68 2.68 0.00 | 37.42 2.58 0.00 | 37.34 2.71 0.00 | 34.74 2.58 0.00 | 36.56 2.52 0.00 | 25.71 1.66 0.07 | 24.21 1.53 0.09 | 23.96 1.55 0.03 | 24.86 1.68 0.15 | 28.91 2.03 0.00 | 42.13 3.15 0.00 | 42.68 3.18 0.00 | 54.44 4.07 0.00 | 48.04 3.40 0.00 | 41.56 2.85 0.00 | 31.89 2.23 0.00 | 27.30 1.92 0.00 | 29.13 2.05 0.00 | 26.04 1.65 0.00 |
| ST LAWRENCE____ 23600 | 26.44 -0.75 0.00 | 23.89 -0.81 0.00 | 24.12 -0.84 0.00 | 32.17 -1.67 0.00 | 29.22 -2.08 0.00 | 37.55 -2.45 0.00 | 32.91 -1.93 0.00 | 32.42 -2.22 0.00 | 29.78 -2.37 0.00 | 31.74 -2.30 0.00 | 22.39 -1.73 0.00 | 21.28 -1.50 0.00 | 20.92 -1.52 0.00 | 22.03 -1.31 0.00 | 25.52 -1.35 0.00 | 36.73 -2.25 0.00 | 37.59 -1.92 0.00 | 48.96 -1.41 0.00 | 43.84 -0.80 0.00 | 38.33 -0.38 0.00 | 29.11 -0.55 0.00 | 24.38 -1.00 0.00 | 26.18 -0.91 0.00 | 23.66 -0.74 0.00 |
| STATE_CA_115KV_115_LB 55624 | 27.71 0.52 0.00 | 25.17 0.48 0.00 | 25.44 0.47 0.00 | 34.50 0.67 0.00 | 31.92 0.63 0.00 | 40.84 0.84 0.00 | 35.67 0.82 0.00 | 35.70 1.07 0.00 | 33.17 1.02 0.00 | 35.10 1.06 0.00 | 24.79 0.74 0.07 | 23.43 0.75 0.10 | 23.16 0.75 0.03 | 23.91 0.74 0.16 | 27.75 0.88 0.00 | 40.34 1.36 0.00 | 41.83 2.32 0.00 | 53.28 2.91 0.00 | 47.15 2.50 0.00 | 40.82 2.10 0.00 | 31.25 1.59 0.00 | 26.72 1.34 0.00 | 28.48 1.39 0.00 | 25.55 1.16 0.00 |

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| STATE_ST_34_KV_LOAD 55959 | 27.15 -0.05 0.00 | 24.69 -0.01 0.00 | 24.92 -0.05 0.00 | 33.77 -0.06 0.00 | 31.32 0.03 0.00 | 40.12 0.12 0.00 | 34.87 0.03 0.00 | 34.75 0.11 0.00 | 32.15 0.00 0.00 | 34.09 0.05 0.00 | 24.08 -0.08 -0.04 | 22.79 -0.04 -0.05 | 22.37 -0.09 -0.02 | 23.26 -0.15 -0.08 | 26.78 -0.09 0.00 | 39.02 0.04 0.00 | 39.46 -0.05 0.00 | 50.62 0.25 0.00 | 44.81 0.16 0.00 | 38.88 0.17 0.00 | 29.73 0.07 0.00 | 25.40 0.02 0.00 | 27.10 0.01 0.00 | 24.55 0.16 0.00 |
| STATION 5_MISC_HYD 23604 | 26.35 -0.84 0.00 | 23.92 -0.77 0.00 | 23.91 -0.70 0.36 | 32.57 -1.26 0.00 | 30.36 -0.93 0.00 | 38.92 -1.08 0.00 | 33.44 -1.40 0.00 | 33.23 -1.41 0.00 | 30.91 -1.24 0.00 | 32.97 -1.07 0.00 | 23.38 -0.77 -0.04 | 21.97 -0.85 -0.04 | 21.60 -0.85 -0.02 | 22.61 -0.80 -0.08 | 25.98 -0.89 0.00 | 37.58 -1.41 0.00 | 37.76 -1.75 0.00 | 48.41 -1.97 0.00 | 42.92 -1.72 0.00 | 37.30 -1.42 0.00 | 28.47 -1.19 0.00 | 24.49 -0.86 0.03 | 26.19 -0.90 0.00 | 23.78 -0.61 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 26.69 -0.50 0.00 | 24.23 -0.46 0.00 | 24.57 -0.40 0.00 | 33.06 -0.77 0.00 | 30.76 -0.54 0.00 | 39.45 -0.56 0.00 | 34.12 -0.72 0.00 | 33.99 -0.65 0.00 | 31.60 -0.55 0.00 | 33.53 -0.51 0.00 | 23.77 -0.39 -0.04 | 22.35 -0.48 -0.04 | 21.96 -0.50 -0.02 | 22.93 -0.48 -0.08 | 26.39 -0.48 0.00 | 38.31 -0.67 0.00 | 38.66 -0.85 0.00 | 49.56 -0.81 0.00 | 43.90 -0.74 0.00 | 38.13 -0.58 0.00 | 29.12 -0.55 0.00 | 24.99 -0.39 0.00 | 26.68 -0.41 0.00 | 24.16 -0.23 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 26.25 -0.94 0.00 | 23.83 -0.86 0.00 | 24.17 -0.79 0.00 | 32.46 -1.37 0.00 | 30.24 -1.06 0.00 | 38.75 -1.25 0.00 | 33.34 -1.50 0.00 | 33.14 -1.50 0.00 | 30.83 -1.32 0.00 | 32.85 -1.19 0.00 | 23.28 -0.88 -0.04 | 21.88 -0.94 -0.04 | 21.54 -0.92 -0.01 | 22.53 -0.88 -0.08 | 25.89 -0.98 0.00 | 37.49 -1.50 0.00 | 37.68 -1.83 0.00 | 48.30 -2.07 0.00 | 42.83 -1.81 0.00 | 37.20 -1.52 0.00 | 28.41 -1.26 0.00 | 24.44 -0.94 0.00 | 26.09 -0.99 0.00 | 23.68 -0.71 0.00 |
| STA_56___34_KV_BUS2 355983 | 26.25 -0.94 0.00 | 23.83 -0.86 0.00 | 24.17 -0.79 0.00 | 32.46 -1.37 0.00 | 30.24 -1.06 0.00 | 38.75 -1.25 0.00 | 33.34 -1.50 0.00 | 33.14 -1.50 0.00 | 30.83 -1.32 0.00 | 32.85 -1.19 0.00 | 23.28 -0.88 -0.04 | 21.88 -0.94 -0.04 | 21.54 -0.92 -0.01 | 22.53 -0.88 -0.08 | 25.89 -0.98 0.00 | 37.49 -1.50 0.00 | 37.68 -1.83 0.00 | 48.30 -2.07 0.00 | 42.83 -1.81 0.00 | 37.20 -1.52 0.00 | 28.41 -1.26 0.00 | 24.44 -0.94 0.00 | 26.09 -0.99 0.00 | 23.68 -0.71 0.00 |
| STA_67___115KV_BK2 355882 | 26.31 -0.89 0.00 | 23.88 -0.81 0.00 | 24.22 -0.74 0.00 | 32.51 -1.32 0.00 | 30.30 -0.99 0.00 | 38.84 -1.16 0.00 | 33.38 -1.46 0.00 | 33.15 -1.48 0.00 | 30.84 -1.31 0.00 | 32.89 -1.15 0.00 | 23.30 -0.85 -0.04 | 21.90 -0.92 -0.04 | 21.55 -0.90 -0.02 | 22.56 -0.85 -0.08 | 25.92 -0.95 0.00 | 37.49 -1.49 0.00 | 37.66 -1.85 0.00 | 48.30 -2.08 0.00 | 42.82 -1.83 0.00 | 37.20 -1.51 0.00 | 28.40 -1.26 0.00 | 24.46 -0.92 0.00 | 26.13 -0.96 0.00 | 23.74 -0.66 0.00 |
| STA_7___115KV_9TRANS 80674 | 26.45 -0.74 0.00 | 24.01 -0.68 0.00 | 24.36 -0.61 0.00 | 32.69 -1.14 0.00 | 30.48 -0.81 0.00 | 39.08 -0.92 0.00 | 33.59 -1.25 0.00 | 33.38 -1.25 0.00 | 31.05 -1.09 0.00 | 33.11 -0.93 0.00 | 23.45 -0.70 -0.04 | 22.04 -0.78 -0.04 | 21.69 -0.76 -0.02 | 22.69 -0.71 -0.08 | 26.09 -0.78 0.00 | 37.76 -1.22 0.00 | 37.95 -1.56 0.00 | 48.69 -1.68 0.00 | 43.17 -1.47 0.00 | 37.51 -1.21 0.00 | 28.63 -1.03 0.00 | 24.65 -0.74 0.00 | 26.32 -0.77 0.00 | 23.89 -0.50 0.00 |
| STA_82___115KV_TB1 80780 | 26.31 -0.88 0.00 | 23.88 -0.81 0.00 | 24.23 -0.73 0.00 | 32.52 -1.32 0.00 | 30.31 -0.98 0.00 | 38.85 -1.15 0.00 | 33.39 -1.46 0.00 | 33.17 -1.47 0.00 | 30.85 -1.30 0.00 | 32.90 -1.15 0.00 | 23.30 -0.85 -0.04 | 21.90 -0.92 -0.04 | 21.55 -0.90 -0.02 | 22.56 -0.85 -0.08 | 25.92 -0.95 0.00 | 37.50 -1.49 0.00 | 37.67 -1.83 0.00 | 48.32 -2.05 0.00 | 42.84 -1.81 0.00 | 37.22 -1.49 0.00 | 28.41 -1.25 0.00 | 24.47 -0.90 0.00 | 26.14 -0.95 0.00 | 23.74 -0.65 0.00 |
| STEEL___WIND 323596 | 26.20 -0.99 0.00 | 23.80 -0.89 0.00 | 23.46 -0.73 0.78 | 32.31 -1.53 0.00 | 30.34 -0.96 0.00 | 38.94 -1.06 0.00 | 33.18 -1.66 0.00 | 32.91 -1.72 0.00 | 30.72 -1.43 0.00 | 33.07 -0.97 0.00 | 23.37 -0.79 -0.05 | 21.90 -0.93 -0.06 | 21.55 -0.91 -0.02 | 22.77 -0.66 -0.10 | 26.00 -0.87 0.00 | 37.36 -1.63 0.00 | 37.23 -2.27 0.00 | 47.80 -2.57 0.00 | 42.43 -2.22 0.00 | 36.97 -1.75 0.00 | 28.22 -1.44 0.00 | 24.43 -0.89 0.06 | 26.32 -0.77 0.00 | 24.04 -0.35 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 27.88 0.69 0.00 | 25.27 0.58 0.00 | 25.54 0.58 0.00 | 34.62 0.78 0.00 | 32.11 0.82 0.00 | 41.13 1.13 0.00 | 35.98 1.14 0.00 | 35.98 1.34 0.00 | 33.32 1.17 0.00 | 35.37 1.32 0.00 | 24.91 0.87 0.07 | 23.53 0.85 0.10 | 23.24 0.84 0.03 | 23.99 0.82 0.16 | 27.89 1.02 0.00 | 40.56 1.58 0.00 | 40.94 1.44 0.00 | 52.22 1.85 0.00 | 46.23 1.59 0.00 | 40.03 1.31 0.00 | 30.67 1.01 0.00 | 26.25 0.87 0.00 | 27.96 0.87 0.00 | 25.02 0.63 0.00 |
| STEUBEN_REC_LFGE 323667 | 25.67 -1.52 0.00 | 23.21 -1.48 0.00 | 23.86 -1.10 0.00 | 31.96 -1.87 0.00 | 29.77 -1.52 0.00 | 38.49 -1.51 0.00 | 33.47 -1.37 0.00 | 33.60 -1.04 0.00 | 31.20 -0.96 0.00 | 32.94 -1.10 0.00 | 23.32 -0.86 -0.06 | 21.85 -1.01 -0.08 | 21.48 -0.98 -0.03 | 22.64 -0.84 -0.14 | 25.84 -1.03 0.00 | 37.52 -1.46 0.00 | 38.21 -1.30 0.00 | 49.12 -1.26 0.00 | 43.59 -1.06 0.00 | 37.95 -0.77 0.00 | 28.87 -0.79 0.00 | 25.09 -0.29 0.00 | 27.04 -0.05 0.00 | 24.63 0.24 0.00 |
| STILLWATER___SOLAR 323814 | 28.61 1.42 0.00 | 25.96 1.27 0.00 | 26.24 1.28 0.00 | 35.53 1.70 0.00 | 32.94 1.65 0.00 | 42.21 2.21 0.00 | 36.93 2.09 0.00 | 36.89 2.25 0.00 | 34.22 2.08 0.00 | 36.07 2.02 0.00 | 25.41 1.37 0.07 | 23.93 1.25 0.09 | 23.67 1.26 0.03 | 24.51 1.34 0.16 | 28.52 1.65 0.00 | 41.56 2.57 0.00 | 42.12 2.61 0.00 | 53.64 3.27 0.00 | 47.46 2.82 0.00 | 41.06 2.34 0.00 | 31.51 1.85 0.00 | 26.96 1.58 0.00 | 28.75 1.67 0.00 | 25.74 1.35 0.00 |
| STONY___BROOK 24151 | 28.78 1.59 0.00 | 26.35 1.65 0.00 | 26.55 1.59 0.00 | 35.53 1.70 0.00 | 33.03 1.73 0.00 | 42.23 2.23 0.00 | 37.53 2.69 0.00 | 37.28 2.65 0.00 | 34.93 2.78 0.00 | 45.57 2.86 -8.67 | 64.57 2.17 -38.28 | 26.55 2.28 -1.50 | 25.16 2.32 -0.40 | 27.62 2.26 -2.02 | 29.33 2.46 0.00 | 42.41 3.43 0.00 | 42.97 3.46 0.00 | 54.50 4.13 0.00 | 42.13 3.79 6.31 | 42.62 3.42 -0.48 | 39.09 2.78 -6.64 | 27.42 2.04 0.00 | 29.35 2.26 0.00 | 26.48 2.08 0.00 |
| STURGEON_POOL_HYD 23609 | 28.18 0.99 0.00 | 25.57 0.88 0.00 | 25.82 0.85 0.00 | 34.99 1.16 0.00 | 32.35 1.06 0.00 | 41.46 1.46 0.00 | 36.41 1.57 0.00 | 36.64 2.00 0.00 | 34.06 1.91 0.00 | 36.14 2.10 0.00 | 25.95 1.50 -0.33 | 24.51 1.40 -0.34 | 23.93 1.38 -0.11 | 25.31 1.40 -0.57 | 28.51 1.63 0.00 | 41.17 2.19 0.00 | 41.75 2.24 0.00 | 53.09 2.72 0.00 | 46.99 2.35 0.00 | 40.70 1.99 0.00 | 31.18 1.52 0.00 | 26.64 1.27 0.00 | 28.44 1.35 0.00 | 25.54 1.15 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 26.44 -0.75 0.00 | 23.88 -0.81 0.00 | 24.12 -0.84 0.00 | 32.16 -1.68 0.00 | 29.20 -2.10 0.00 | 37.53 -2.47 0.00 | 32.90 -1.94 0.00 | 32.41 -2.23 0.00 | 29.75 -2.40 0.00 | 31.71 -2.33 0.00 | 22.37 -1.75 0.00 | 21.25 -1.52 0.00 | 20.90 -1.54 0.00 | 22.02 -1.31 0.00 | 25.52 -1.35 0.00 | 36.71 -2.28 0.00 | 37.59 -1.92 0.00 | 48.98 -1.39 0.00 | 43.85 -0.79 0.00 | 38.36 -0.36 0.00 | 29.12 -0.54 0.00 | 24.36 -1.02 0.00 | 26.18 -0.91 0.00 | 23.66 -0.74 0.00 |

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| ST_LAW_115_BK8_LBMP 345038 | 26.44 -0.75 0.00 | 23.88 -0.81 0.00 | 24.12 -0.84 0.00 | 32.16 -1.68 0.00 | 29.20 -2.10 0.00 | 37.53 -2.47 0.00 | 32.90 -1.94 0.00 | 32.41 -2.23 0.00 | 29.75 -2.40 0.00 | 31.71 -2.33 0.00 | 22.37 -1.75 0.00 | 21.25 -1.52 0.00 | 20.90 -1.54 0.00 | 22.02 -1.31 0.00 | 25.52 -1.35 0.00 | 36.71 -2.28 0.00 | 37.59 -1.92 0.00 | 48.98 -1.39 0.00 | 43.85 -0.79 0.00 | 38.36 -0.36 0.00 | 29.12 -0.54 0.00 | 24.36 -1.02 0.00 | 26.18 -0.91 0.00 | 23.66 -0.74 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 26.44 -0.75 0.00 | 23.89 -0.81 0.00 | 24.12 -0.84 0.00 | 32.17 -1.67 0.00 | 29.22 -2.08 0.00 | 37.55 -2.45 0.00 | 32.91 -1.93 0.00 | 32.42 -2.22 0.00 | 29.78 -2.37 0.00 | 31.74 -2.30 0.00 | 22.39 -1.73 0.00 | 21.28 -1.50 0.00 | 20.92 -1.52 0.00 | 22.03 -1.31 0.00 | 25.52 -1.35 0.00 | 36.73 -2.25 0.00 | 37.59 -1.92 0.00 | 48.96 -1.41 0.00 | 43.84 -0.80 0.00 | 38.33 -0.38 0.00 | 29.11 -0.55 0.00 | 24.38 -1.00 0.00 | 26.18 -0.91 0.00 | 23.66 -0.74 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 26.44 -0.75 0.00 | 23.89 -0.81 0.00 | 24.12 -0.84 0.00 | 32.17 -1.67 0.00 | 29.22 -2.08 0.00 | 37.55 -2.45 0.00 | 32.91 -1.93 0.00 | 32.42 -2.22 0.00 | 29.78 -2.37 0.00 | 31.74 -2.30 0.00 | 22.39 -1.73 0.00 | 21.28 -1.50 0.00 | 20.92 -1.52 0.00 | 22.03 -1.31 0.00 | 25.52 -1.35 0.00 | 36.73 -2.25 0.00 | 37.59 -1.92 0.00 | 48.96 -1.41 0.00 | 43.84 -0.80 0.00 | 38.33 -0.38 0.00 | 29.11 -0.55 0.00 | 24.38 -1.00 0.00 | 26.18 -0.91 0.00 | 23.66 -0.74 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 28.30 1.11 0.00 | 25.71 1.02 0.00 | 25.96 1.00 0.00 | 35.08 1.25 0.00 | 32.52 1.23 0.00 | 41.76 1.75 0.00 | 36.66 1.82 0.00 | 36.94 2.30 0.00 | 34.33 2.18 0.00 | 34.99 2.43 1.48 | 21.13 1.73 4.73 | 25.43 1.63 -1.02 | 24.41 1.61 -0.35 | 26.82 1.66 -1.82 | 28.79 1.92 0.00 | 41.60 2.62 0.00 | 42.20 2.69 0.00 | 53.69 3.31 0.00 | 47.46 2.81 0.00 | 41.08 2.36 0.00 | 31.46 1.80 0.00 | 26.85 1.47 0.00 | 28.67 1.59 0.00 | 25.77 1.38 0.00 |
| SWANROAD_115KV_TB1 355699 | 25.51 -1.68 0.00 | 23.18 -1.51 0.00 | 23.52 -1.44 0.00 | 31.42 -2.42 0.00 | 29.44 -1.85 0.00 | 37.77 -2.24 0.00 | 31.97 -2.87 0.00 | 31.42 -3.22 0.00 | 29.37 -2.78 0.00 | 31.56 -2.48 0.00 | 22.33 -1.83 -0.04 | 20.93 -1.90 -0.05 | 20.61 -1.85 -0.02 | 21.81 -1.61 -0.09 | 24.87 -2.01 0.00 | 35.71 -3.28 0.00 | 35.47 -4.04 0.00 | 45.53 -4.84 0.00 | 40.42 -4.22 0.00 | 35.24 -3.47 0.00 | 26.94 -2.72 0.00 | 23.40 -1.98 0.00 | 25.11 -1.97 0.00 | 23.03 -1.37 0.00 |
| SYNERGY___BIOGAS 323694 | 26.53 -0.66 0.00 | 24.08 -0.61 0.00 | 23.91 -0.52 0.54 | 32.70 -1.13 0.00 | 30.63 -0.66 0.00 | 39.36 -0.64 0.00 | 33.66 -1.18 0.00 | 33.38 -1.26 0.00 | 31.06 -1.09 0.00 | 33.13 -0.91 0.00 | 23.43 -0.73 -0.04 | 21.89 -0.93 -0.05 | 21.52 -0.94 -0.02 | 22.91 -0.51 -0.09 | 25.98 -0.89 0.00 | 37.59 -1.39 0.00 | 37.79 -1.72 0.00 | 48.62 -1.75 0.00 | 43.12 -1.52 0.00 | 37.51 -1.20 0.00 | 28.60 -1.06 0.00 | 24.69 -0.65 0.04 | 26.45 -0.64 0.00 | 24.13 -0.26 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 26.98 -0.20 0.00 | 24.51 -0.18 0.00 | 24.78 -0.18 0.00 | 33.53 -0.30 0.00 | 31.09 -0.20 0.00 | 39.74 -0.26 0.00 | 34.51 -0.33 0.00 | 34.41 -0.23 0.00 | 31.93 -0.22 0.00 | 33.81 -0.22 0.00 | 23.98 -0.17 -0.03 | 22.65 -0.17 -0.04 | 22.26 -0.19 -0.01 | 23.20 -0.20 -0.07 | 26.63 -0.24 0.00 | 38.73 -0.26 0.00 | 39.24 -0.27 0.00 | 50.14 -0.24 0.00 | 44.39 -0.26 0.00 | 38.49 -0.22 0.00 | 29.46 -0.20 0.00 | 25.23 -0.15 0.00 | 26.91 -0.17 0.00 | 24.30 -0.09 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 26.98 -0.20 0.00 | 24.51 -0.18 0.00 | 24.78 -0.18 0.00 | 33.53 -0.30 0.00 | 31.09 -0.20 0.00 | 39.74 -0.26 0.00 | 34.51 -0.33 0.00 | 34.41 -0.23 0.00 | 31.93 -0.22 0.00 | 33.81 -0.22 0.00 | 23.98 -0.17 -0.03 | 22.65 -0.17 -0.04 | 22.26 -0.19 -0.01 | 23.20 -0.20 -0.07 | 26.63 -0.24 0.00 | 38.73 -0.26 0.00 | 39.24 -0.27 0.00 | 50.14 -0.24 0.00 | 44.39 -0.26 0.00 | 38.49 -0.22 0.00 | 29.46 -0.20 0.00 | 25.23 -0.15 0.00 | 26.91 -0.17 0.00 | 24.30 -0.09 0.00 |
| SYRACUSE___POWER 24017 | 26.97 -0.22 0.00 | 24.49 -0.20 0.00 | 24.78 -0.19 0.00 | 33.52 -0.31 0.00 | 31.06 -0.23 0.00 | 39.72 -0.28 0.00 | 34.50 -0.34 0.00 | 34.41 -0.23 0.00 | 31.96 -0.19 0.00 | 33.83 -0.21 0.00 | 24.01 -0.15 -0.03 | 22.65 -0.17 -0.04 | 22.26 -0.19 -0.01 | 23.22 -0.18 -0.07 | 26.64 -0.24 0.00 | 38.71 -0.28 0.00 | 39.26 -0.25 0.00 | 50.13 -0.24 0.00 | 44.39 -0.25 0.00 | 38.50 -0.22 0.00 | 29.47 -0.19 0.00 | 25.24 -0.14 0.00 | 26.92 -0.16 0.00 | 24.29 -0.10 0.00 |
| TALLMAN___138KV_BK151 55660 | 28.41 1.22 0.00 | 25.81 1.12 0.00 | 26.07 1.10 0.00 | 35.19 1.36 0.00 | 32.63 1.34 0.00 | 41.94 1.94 0.00 | 36.81 1.97 0.00 | 37.06 2.42 0.00 | 34.47 2.32 0.00 | 34.51 2.61 2.15 | 18.29 1.88 7.71 | 25.58 1.76 -1.04 | 24.55 1.75 -0.37 | 27.03 1.81 -1.89 | 28.93 2.06 0.00 | 41.76 2.78 0.00 | 42.37 2.86 0.00 | 53.86 3.49 0.00 | 47.62 2.97 0.00 | 41.19 2.48 0.00 | 31.56 1.89 0.00 | 26.91 1.53 0.00 | 28.76 1.67 0.00 | 25.86 1.47 0.00 |
| TEALLAVE_115KV_TB7 355573 | 26.82 -0.37 0.00 | 24.36 -0.33 0.00 | 24.65 -0.31 0.00 | 33.34 -0.49 0.00 | 30.91 -0.38 0.00 | 39.50 -0.50 0.00 | 34.28 -0.56 0.00 | 34.19 -0.45 0.00 | 31.75 -0.40 0.00 | 33.63 -0.41 0.00 | 23.87 -0.28 -0.03 | 22.52 -0.29 -0.03 | 22.15 -0.30 -0.01 | 23.09 -0.30 -0.06 | 26.50 -0.37 0.00 | 38.48 -0.51 0.00 | 39.01 -0.50 0.00 | 49.78 -0.59 0.00 | 44.08 -0.57 0.00 | 38.22 -0.49 0.00 | 29.25 -0.41 0.00 | 25.08 -0.30 0.00 | 26.74 -0.35 0.00 | 24.14 -0.25 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 26.07 -1.12 0.00 | 23.68 -1.02 0.00 | 24.05 -0.92 0.00 | 32.13 -1.71 0.00 | 30.09 -1.20 0.00 | 38.65 -1.36 0.00 | 32.91 -1.93 0.00 | 32.50 -2.14 0.00 | 30.32 -1.83 0.00 | 32.49 -1.55 0.00 | 22.97 -1.19 -0.04 | 21.51 -1.32 -0.05 | 21.17 -1.29 -0.02 | 22.56 -0.86 -0.09 | 25.56 -1.30 0.00 | 36.79 -2.19 0.00 | 36.74 -2.77 0.00 | 47.21 -3.16 0.00 | 41.90 -2.74 0.00 | 36.48 -2.24 0.00 | 27.85 -1.81 0.00 | 24.13 -1.25 0.00 | 25.86 -1.22 0.00 | 23.64 -0.75 0.00 |
| TEMPLE___115KV_TB 2 55572 | 26.84 -0.35 0.00 | 24.37 -0.32 0.00 | 24.66 -0.30 0.00 | 33.37 -0.46 0.00 | 30.92 -0.37 0.00 | 39.51 -0.50 0.00 | 34.29 -0.55 0.00 | 34.20 -0.44 0.00 | 31.76 -0.39 0.00 | 33.65 -0.39 0.00 | 23.88 -0.27 -0.03 | 22.53 -0.28 -0.03 | 22.16 -0.29 -0.01 | 23.11 -0.28 -0.06 | 26.51 -0.36 0.00 | 38.51 -0.47 0.00 | 39.02 -0.49 0.00 | 49.81 -0.57 0.00 | 44.09 -0.55 0.00 | 38.24 -0.48 0.00 | 29.27 -0.39 0.00 | 25.08 -0.30 0.00 | 26.75 -0.33 0.00 | 24.15 -0.24 0.00 |
| TIANA____69_KV_BK 1 55817 | 28.94 1.74 0.00 | 26.56 1.86 0.00 | 26.78 1.81 0.00 | 35.79 1.96 0.00 | 33.36 2.07 0.00 | 42.61 2.60 0.00 | 37.61 2.77 0.00 | 37.16 2.53 0.00 | 34.84 2.69 0.00 | 45.39 2.69 -8.67 | 64.45 2.05 -38.28 | 26.49 2.22 -1.50 | 25.12 2.29 -0.40 | 27.57 2.21 -2.02 | 29.19 2.32 0.00 | 42.36 3.37 0.00 | 42.76 3.25 0.00 | 53.93 3.56 0.00 | 41.65 3.41 6.41 | 42.44 3.25 -0.48 | 39.01 2.73 -6.61 | 27.26 1.88 0.00 | 29.18 2.09 0.00 | 26.40 2.00 0.00 |
| TILDEN___115KV_TB1 80814 | 26.97 -0.22 0.00 | 24.49 -0.20 0.00 | 24.78 -0.19 0.00 | 33.52 -0.31 0.00 | 31.06 -0.23 0.00 | 39.72 -0.28 0.00 | 34.50 -0.34 0.00 | 34.41 -0.23 0.00 | 31.96 -0.19 0.00 | 33.83 -0.21 0.00 | 24.01 -0.15 -0.03 | 22.65 -0.17 -0.04 | 22.26 -0.19 -0.01 | 23.22 -0.18 -0.07 | 26.64 -0.24 0.00 | 38.71 -0.28 0.00 | 39.26 -0.25 0.00 | 50.13 -0.24 0.00 | 44.39 -0.25 0.00 | 38.50 -0.22 0.00 | 29.47 -0.19 0.00 | 25.24 -0.14 0.00 | 26.92 -0.16 0.00 | 24.29 -0.10 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| TRIGEN___CC 323695 | 28.63 1.44 0.00 | 26.10 1.41 0.00 | 26.32 1.35 0.00 | 35.38 1.55 0.00 | 32.88 1.59 0.00 | 42.25 2.25 0.00 | 37.44 2.60 0.00 | 37.44 2.81 0.00 | 34.97 2.82 0.00 | 45.74 3.03 -8.67 | 64.64 2.24 -38.28 | 26.54 2.27 -1.50 | 25.11 2.27 -0.40 | 27.62 2.26 -2.02 | 29.39 2.52 0.00 | 42.35 3.36 0.00 | 42.92 3.41 0.00 | 54.56 4.19 0.00 | 64.76 3.67 -16.45 | 42.78 3.22 -0.85 | 44.70 2.52 -12.52 | 27.37 1.99 0.00 | 29.28 2.19 0.00 | 26.35 1.96 0.00 |
| TRINITY___115KV___4 BK 55933 | 27.62 0.43 0.00 | 25.09 0.40 0.00 | 25.36 0.40 0.00 | 34.38 0.54 0.00 | 31.82 0.53 0.00 | 40.70 0.70 0.00 | 35.53 0.69 0.00 | 35.57 0.93 0.00 | 33.04 0.89 0.00 | 34.97 0.93 0.00 | 24.70 0.66 0.08 | 23.34 0.67 0.10 | 23.07 0.66 0.03 | 23.81 0.64 0.16 | 27.63 0.76 0.00 | 40.08 1.10 0.00 | 40.53 1.02 0.00 | 51.51 1.13 0.00 | 45.65 1.01 0.00 | 39.51 0.80 0.00 | 30.35 0.69 0.00 | 25.98 0.60 0.00 | 27.70 0.61 0.00 | 24.83 0.44 0.00 |
| UNION___PROCESSING_DRP 323587 | 26.31 -0.88 0.00 | 23.88 -0.81 0.00 | 24.23 -0.73 0.00 | 32.52 -1.31 0.00 | 30.32 -0.97 0.00 | 38.86 -1.14 0.00 | 33.39 -1.45 0.00 | 33.18 -1.46 0.00 | 30.86 -1.29 0.00 | 32.90 -1.14 0.00 | 23.31 -0.85 -0.04 | 21.91 -0.92 -0.04 | 21.56 -0.90 -0.02 | 22.57 -0.84 -0.08 | 25.92 -0.95 0.00 | 37.50 -1.48 0.00 | 37.68 -1.83 0.00 | 48.33 -2.04 0.00 | 42.85 -1.80 0.00 | 37.22 -1.49 0.00 | 28.43 -1.23 0.00 | 24.48 -0.90 0.00 | 26.15 -0.94 0.00 | 23.75 -0.65 0.00 |
| UPPER HUDSON___HYD 24058 | 28.91 1.72 0.00 | 26.23 1.54 0.00 | 26.51 1.55 0.00 | 35.85 2.02 0.00 | 33.28 1.99 0.00 | 42.68 2.68 0.00 | 37.42 2.58 0.00 | 37.34 2.71 0.00 | 34.74 2.58 0.00 | 36.56 2.52 0.00 | 25.72 1.67 0.07 | 24.21 1.53 0.09 | 23.96 1.55 0.03 | 24.86 1.68 0.15 | 28.90 2.03 0.00 | 42.13 3.14 0.00 | 42.68 3.18 0.00 | 54.45 4.07 0.00 | 48.05 3.40 0.00 | 41.56 2.85 0.00 | 31.89 2.23 0.00 | 27.30 1.92 0.00 | 29.13 2.05 0.00 | 26.04 1.65 0.00 |
| UPPER RAQUET___HYD 24056 | 26.82 -0.37 0.00 | 24.25 -0.45 0.00 | 24.45 -0.52 0.00 | 32.63 -1.20 0.00 | 29.80 -1.49 0.00 | 38.41 -1.59 0.00 | 33.73 -1.11 0.00 | 33.30 -1.34 0.00 | 30.48 -1.67 0.00 | 32.26 -1.78 0.00 | 22.70 -1.42 0.00 | 21.57 -1.20 0.00 | 21.22 -1.22 0.00 | 22.39 -0.94 0.00 | 26.04 -0.83 0.00 | 37.62 -1.37 0.00 | 38.61 -0.90 0.00 | 50.24 -0.14 0.00 | 44.94 0.30 0.00 | 39.29 0.58 0.00 | 29.82 0.16 0.00 | 24.89 -0.49 0.00 | 26.83 -0.26 0.00 | 24.24 -0.15 0.00 |
| VALLEY44_115KV_TB2 355964 | 27.21 0.02 0.00 | 24.71 0.02 0.00 | 25.20 0.23 0.00 | 33.62 -0.21 0.00 | 31.54 0.25 0.00 | 40.40 0.40 0.00 | 34.26 -0.58 0.00 | 34.12 -0.52 0.00 | 31.93 -0.22 0.00 | 34.58 0.54 0.00 | 24.52 0.35 -0.05 | 22.97 0.12 -0.06 | 22.67 0.20 -0.02 | 23.93 0.49 -0.11 | 27.45 0.57 0.00 | 39.15 0.17 0.00 | 38.94 -0.57 0.00 | 49.64 -0.74 0.00 | 43.91 -0.73 0.00 | 38.23 -0.48 0.00 | 29.08 -0.58 0.00 | 25.31 -0.07 0.00 | 27.43 0.35 0.00 | 24.93 0.53 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 27.46 0.27 0.00 | 24.95 0.25 0.00 | 25.19 0.22 0.00 | 34.14 0.31 0.00 | 31.55 0.26 0.00 | 40.41 0.41 0.00 | 35.29 0.45 0.00 | 35.11 0.47 0.00 | 32.58 0.43 0.00 | 34.32 0.28 0.00 | 24.25 0.13 0.00 | 22.88 0.10 0.00 | 22.50 0.07 0.00 | 23.28 -0.05 0.00 | 26.80 -0.06 0.00 | 39.28 0.30 0.00 | 39.96 0.45 0.00 | 51.09 0.71 0.00 | 45.27 0.63 0.00 | 39.28 0.57 0.00 | 30.17 0.50 0.00 | 25.77 0.39 0.00 | 27.53 0.44 0.00 | 24.62 0.23 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 28.30 1.11 0.00 | 25.71 1.02 0.00 | 26.01 1.04 0.00 | 35.35 1.52 0.00 | 32.68 1.39 0.00 | 41.83 1.82 0.00 | 36.51 1.67 0.00 | 36.50 1.86 0.00 | 33.86 1.71 0.00 | 35.88 1.84 0.00 | 25.57 1.32 -0.13 | 24.18 1.24 -0.16 | 23.69 1.19 -0.05 | 24.85 1.24 -0.28 | 28.30 1.43 0.00 | 41.01 2.03 0.00 | 41.60 2.09 0.00 | 53.01 2.63 0.00 | 46.99 2.34 0.00 | 40.76 2.05 0.00 | 31.19 1.53 0.00 | 26.70 1.32 0.00 | 28.51 1.42 0.00 | 25.64 1.25 0.00 |
| VISCHER___FERRY HYD 24020 | 28.25 1.06 0.00 | 25.66 0.97 0.00 | 25.93 0.97 0.00 | 35.11 1.28 0.00 | 32.54 1.25 0.00 | 41.67 1.66 0.00 | 36.39 1.55 0.00 | 36.40 1.77 0.00 | 33.82 1.67 0.00 | 35.74 1.70 0.00 | 25.21 1.17 0.08 | 23.73 1.06 0.10 | 23.48 1.07 0.03 | 24.27 1.11 0.17 | 28.23 1.36 0.00 | 41.01 2.03 0.00 | 41.48 1.98 0.00 | 52.75 2.38 0.00 | 46.74 2.09 0.00 | 40.43 1.72 0.00 | 31.09 1.43 0.00 | 26.60 1.22 0.00 | 28.36 1.28 0.00 | 25.40 1.01 0.00 |
| V_A_10_SYNC_DSASP 323832 | 25.77 -1.42 0.00 | 23.41 -1.28 0.00 | 23.22 -1.17 0.57 | 31.81 -2.02 0.00 | 29.74 -1.55 0.00 | 38.11 -1.90 0.00 | 32.44 -2.41 0.00 | 32.12 -2.52 0.00 | 29.94 -2.21 0.00 | 32.17 -1.88 0.00 | 22.80 -1.36 -0.04 | 21.38 -1.44 -0.05 | 21.04 -1.42 -0.02 | 22.15 -1.26 -0.08 | 25.35 -1.52 0.00 | 36.45 -2.53 0.00 | 36.35 -3.16 0.00 | 46.60 -3.78 0.00 | 41.35 -3.30 0.00 | 35.99 -2.72 0.00 | 27.47 -2.19 0.00 | 23.74 -1.60 0.04 | 25.50 -1.59 0.00 | 23.27 -1.12 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 26.59 -0.60 0.00 | 24.02 -0.68 0.00 | 24.26 -0.71 0.00 | 32.34 -1.49 0.00 | 29.37 -1.92 0.00 | 37.76 -2.24 0.00 | 33.09 -1.75 0.00 | 32.60 -2.04 0.00 | 29.93 -2.22 0.00 | 31.90 -2.14 0.00 | 22.50 -1.62 0.00 | 21.38 -1.39 0.00 | 21.04 -1.40 0.00 | 22.16 -1.17 0.00 | 25.68 -1.19 0.00 | 36.94 -2.05 0.00 | 37.82 -1.69 0.00 | 49.27 -1.10 0.00 | 44.11 -0.53 0.00 | 38.57 -0.14 0.00 | 29.29 -0.37 0.00 | 24.55 -0.83 0.00 | 26.34 -0.75 0.00 | 23.80 -0.59 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 26.86 -0.33 0.00 | 24.19 -0.50 0.00 | 24.39 -0.57 0.00 | 32.43 -1.40 0.00 | 29.31 -1.98 0.00 | 37.54 -2.46 0.00 | 33.18 -1.66 0.00 | 32.70 -1.93 0.00 | 30.05 -2.10 0.00 | 31.85 -2.19 0.00 | 22.54 -1.58 0.00 | 21.42 -1.36 0.00 | 20.94 -1.50 0.00 | 21.98 -1.36 0.00 | 25.52 -1.35 0.00 | 36.71 -2.27 0.00 | 37.38 -2.13 0.00 | 48.57 -1.80 0.00 | 43.79 -0.86 0.00 | 38.40 -0.31 0.00 | 29.25 -0.41 0.00 | 24.82 -0.56 0.00 | 26.56 -0.53 0.00 | 24.00 -0.39 0.00 |
| V_D_10_SYNC_DSASP 323841 | 26.74 -0.45 0.00 | 24.16 -0.52 0.00 | 24.40 -0.56 0.00 | 32.54 -1.29 0.00 | 29.57 -1.72 0.00 | 38.04 -1.96 0.00 | 33.35 -1.49 0.00 | 32.85 -1.78 0.00 | 30.15 -2.00 0.00 | 32.10 -1.94 0.00 | 22.62 -1.50 0.00 | 21.50 -1.27 0.00 | 21.17 -1.27 0.00 | 22.30 -1.03 0.00 | 25.86 -1.01 0.00 | 37.21 -1.77 0.00 | 38.12 -1.38 0.00 | 49.67 -0.71 0.00 | 44.44 -0.20 0.00 | 38.87 0.15 0.00 | 29.51 -0.15 0.00 | 24.51 -0.88 0.00 | 26.51 -0.58 0.00 | 23.98 -0.41 0.00 |
| V_E_10_SYNC_DSASP 323830 | 28.77 1.58 0.00 | 26.29 1.60 0.00 | 26.79 1.63 -0.19 | 35.86 2.03 0.00 | 33.34 2.05 0.00 | 42.84 2.84 0.00 | 37.47 2.62 0.00 | 37.65 3.02 0.00 | 34.60 2.45 0.00 | 36.45 2.41 0.00 | 25.88 1.67 -0.09 | 24.00 1.11 -0.12 | 23.34 0.86 -0.04 | 24.42 0.89 -0.20 | 27.87 1.00 0.00 | 40.81 1.83 0.00 | 41.98 2.47 0.00 | 54.01 3.64 0.00 | 47.80 3.15 0.00 | 41.57 2.86 0.00 | 31.82 2.16 0.00 | 27.25 1.86 -0.01 | 29.22 2.14 0.00 | 26.29 1.90 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 28.61 1.42 0.00 | 25.98 1.28 0.00 | 26.25 1.28 0.00 | 35.56 1.73 0.00 | 32.95 1.66 0.00 | 42.23 2.23 0.00 | 36.95 2.11 0.00 | 36.91 2.27 0.00 | 34.25 2.10 0.00 | 36.10 2.06 0.00 | 25.44 1.39 0.07 | 23.95 1.27 0.09 | 23.70 1.29 0.03 | 24.55 1.37 0.16 | 28.55 1.68 0.00 | 41.58 2.60 0.00 | 42.15 2.64 0.00 | 53.69 3.31 0.00 | 47.50 2.85 0.00 | 41.10 2.38 0.00 | 31.53 1.87 0.00 | 26.97 1.59 0.00 | 28.76 1.68 0.00 | 25.76 1.37 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 27.71 0.52 0.00 | 25.17 0.48 0.00 | 25.44 0.47 0.00 | 34.50 0.67 0.00 | 31.92 0.63 0.00 | 40.83 0.83 0.00 | 35.66 0.82 0.00 | 35.70 1.06 0.00 | 33.17 1.02 0.00 | 35.09 1.05 0.00 | 24.79 0.74 0.07 | 23.43 0.75 0.10 | 23.15 0.74 0.03 | 23.91 0.74 0.16 | 27.74 0.87 0.00 | 40.25 1.27 0.00 | 40.62 1.11 0.00 | 51.61 1.24 0.00 | 45.73 1.09 0.00 | 39.59 0.87 0.00 | 30.39 0.73 0.00 | 26.01 0.63 0.00 | 27.73 0.65 0.00 | 24.86 0.47 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 26.86 -0.33 0.00 | 24.19 -0.50 0.00 | 24.39 -0.57 0.00 | 32.43 -1.40 0.00 | 29.31 -1.98 0.00 | 37.54 -2.46 0.00 | 33.18 -1.66 0.00 | 32.70 -1.93 0.00 | 30.05 -2.10 0.00 | 31.85 -2.19 0.00 | 22.54 -1.58 0.00 | 21.42 -1.36 0.00 | 20.94 -1.50 0.00 | 21.98 -1.36 0.00 | 25.52 -1.35 0.00 | 36.71 -2.27 0.00 | 37.38 -2.13 0.00 | 48.57 -1.80 0.00 | 43.79 -0.86 0.00 | 38.40 -0.31 0.00 | 29.25 -0.41 0.00 | 24.82 -0.56 0.00 | 26.56 -0.53 0.00 | 24.00 -0.39 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 28.48 1.29 0.00 | 25.89 1.19 0.00 | 26.13 1.17 0.00 | 35.28 1.45 0.00 | 32.72 1.43 0.00 | 42.05 2.05 0.00 | 36.94 2.10 0.00 | 37.18 2.54 0.00 | 34.57 2.42 0.00 | 34.42 2.71 2.33 | 17.52 1.95 8.56 | 25.65 1.84 -1.04 | 24.63 1.82 -0.37 | 27.12 1.88 -1.90 | 29.03 2.16 0.00 | 41.91 2.92 0.00 | 42.52 3.01 0.00 | 54.06 3.68 0.00 | 47.78 3.13 0.00 | 41.35 2.63 0.00 | 31.67 2.01 0.00 | 27.01 1.63 0.00 | 28.85 1.76 0.00 | 25.94 1.54 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 28.67 1.48 0.00 | 26.06 1.37 0.00 | 26.29 1.33 0.00 | 35.46 1.63 0.00 | 32.87 1.58 0.00 | 42.29 2.29 0.00 | 37.22 2.38 0.00 | 37.41 2.78 0.00 | 34.83 2.68 0.00 | 27.81 3.03 9.26 | -12.27 2.20 38.59 | 25.78 2.14 -0.86 | 24.96 2.13 -0.39 | 27.52 2.17 -2.02 | 29.31 2.44 0.00 | 42.22 3.23 0.00 | 42.77 3.26 0.00 | 54.35 3.97 0.00 | 48.04 3.39 0.00 | 41.60 2.88 0.00 | 31.90 2.24 0.00 | 27.20 1.82 0.00 | 29.01 1.93 0.00 | 26.08 1.69 0.00 |
| W50THST__13_KV_LOAD 356117 | 28.82 1.63 0.00 | 26.20 1.51 0.00 | 26.44 1.47 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.50 2.50 0.00 | 37.41 2.57 0.00 | 37.60 2.96 0.00 | 35.01 2.86 0.00 | 28.03 3.25 9.26 | -12.07 2.39 38.59 | 25.97 2.33 -0.86 | 25.17 2.33 -0.39 | 27.73 2.38 -2.02 | 29.54 2.67 0.00 | 42.53 3.55 0.00 | 43.07 3.56 0.00 | 54.70 4.33 0.00 | 48.31 3.67 0.00 | 41.84 3.12 0.00 | 32.09 2.43 0.00 | 27.35 1.97 0.00 | 29.16 2.07 0.00 | 26.21 1.82 0.00 |
| WADING RIVER_IC_1 23522 | 28.80 1.61 0.00 | 26.46 1.77 0.00 | 26.67 1.71 0.00 | 35.60 1.77 0.00 | 33.22 1.93 0.00 | 42.34 2.34 0.00 | 37.35 2.51 0.00 | 36.78 2.14 0.00 | 34.57 2.41 0.00 | 45.13 2.42 -8.67 | 64.30 1.90 -38.28 | 26.39 2.12 -1.50 | 25.01 2.17 -0.40 | 27.46 2.10 -2.02 | 29.03 2.16 0.00 | 42.29 3.31 0.00 | 42.67 3.16 0.00 | 53.67 3.30 0.00 | 41.45 3.23 6.42 | 42.37 3.18 -0.48 | 39.02 2.75 -6.61 | 27.23 1.85 0.00 | 29.15 2.06 0.00 | 26.42 2.03 0.00 |
| WADING RIVER_IC_2 23547 | 28.80 1.61 0.00 | 26.46 1.77 0.00 | 26.67 1.71 0.00 | 35.60 1.77 0.00 | 33.22 1.93 0.00 | 42.34 2.34 0.00 | 37.35 2.51 0.00 | 36.78 2.14 0.00 | 34.57 2.41 0.00 | 45.13 2.42 -8.67 | 64.30 1.90 -38.28 | 26.39 2.12 -1.50 | 25.01 2.17 -0.40 | 27.46 2.10 -2.02 | 29.03 2.16 0.00 | 42.29 3.31 0.00 | 42.67 3.16 0.00 | 53.67 3.30 0.00 | 41.45 3.23 6.42 | 42.37 3.18 -0.48 | 39.02 2.75 -6.61 | 27.23 1.85 0.00 | 29.15 2.06 0.00 | 26.42 2.03 0.00 |
| WADING RIVER_IC_3 23601 | 28.80 1.61 0.00 | 26.46 1.77 0.00 | 26.67 1.71 0.00 | 35.60 1.77 0.00 | 33.22 1.93 0.00 | 42.34 2.34 0.00 | 37.35 2.51 0.00 | 36.78 2.14 0.00 | 34.57 2.41 0.00 | 45.13 2.42 -8.67 | 64.30 1.90 -38.28 | 26.39 2.12 -1.50 | 25.01 2.17 -0.40 | 27.46 2.10 -2.02 | 29.03 2.16 0.00 | 42.29 3.31 0.00 | 42.67 3.16 0.00 | 53.67 3.30 0.00 | 41.45 3.23 6.42 | 42.37 3.18 -0.48 | 39.02 2.75 -6.61 | 27.23 1.85 0.00 | 29.15 2.06 0.00 | 26.42 2.03 0.00 |
| WALDENNY_12_KV_BK2 80841 | 26.24 -0.95 0.00 | 23.83 -0.86 0.00 | 24.26 -0.70 0.00 | 32.35 -1.49 0.00 | 30.36 -0.93 0.00 | 38.97 -1.04 0.00 | 33.21 -1.63 0.00 | 32.88 -1.76 0.00 | 30.71 -1.44 0.00 | 33.02 -1.02 0.00 | 23.34 -0.83 -0.05 | 21.88 -0.95 -0.06 | 21.55 -0.91 -0.02 | 22.78 -0.65 -0.10 | 26.03 -0.84 0.00 | 37.40 -1.59 0.00 | 37.26 -2.25 0.00 | 47.81 -2.56 0.00 | 42.42 -2.23 0.00 | 36.97 -1.74 0.00 | 28.20 -1.46 0.00 | 24.46 -0.91 0.00 | 26.28 -0.81 0.00 | 24.01 -0.38 0.00 |
| WALDEN__HYDRO 24148 | 28.41 1.22 0.00 | 25.80 1.10 0.00 | 26.04 1.08 0.00 | 35.20 1.37 0.00 | 32.62 1.34 0.00 | 41.91 1.90 0.00 | 36.81 1.97 0.00 | 37.10 2.47 0.00 | 34.46 2.31 0.00 | 36.47 2.53 0.09 | 26.70 1.79 -0.79 | 25.26 1.67 -0.81 | 24.36 1.64 -0.27 | 26.42 1.70 -1.39 | 28.84 1.97 0.00 | 41.71 2.72 0.00 | 42.35 2.84 0.00 | 53.88 3.51 0.00 | 47.66 3.02 0.00 | 41.25 2.54 0.00 | 31.59 1.93 0.00 | 26.95 1.57 0.00 | 28.78 1.69 0.00 | 25.84 1.45 0.00 |
| WARRENSBURG____ 23737 | 28.91 1.72 0.00 | 26.23 1.54 0.00 | 26.51 1.55 0.00 | 35.85 2.02 0.00 | 33.28 1.99 0.00 | 42.68 2.68 0.00 | 37.42 2.58 0.00 | 37.34 2.71 0.00 | 34.74 2.58 0.00 | 36.56 2.52 0.00 | 25.72 1.67 0.07 | 24.21 1.53 0.09 | 23.96 1.55 0.03 | 24.86 1.68 0.15 | 28.90 2.03 0.00 | 42.13 3.14 0.00 | 42.68 3.18 0.00 | 54.45 4.07 0.00 | 48.05 3.40 0.00 | 41.56 2.85 0.00 | 31.89 2.23 0.00 | 27.30 1.92 0.00 | 29.13 2.05 0.00 | 26.04 1.65 0.00 |
| WATERSIDE____6 8 9 23538 | 28.68 1.49 0.00 | 26.08 1.39 0.00 | 26.30 1.33 0.00 | 35.43 1.60 0.00 | 32.86 1.57 0.00 | 42.28 2.28 0.00 | 37.21 2.36 0.00 | 37.42 2.79 0.00 | 34.86 2.71 0.00 | 115.97 3.05 -78.87 | 365.90 2.23 -339.55 | 28.90 2.15 -3.97 | 24.94 2.11 -0.39 | 27.49 2.13 -2.02 | 29.29 2.41 0.00 | 42.14 3.16 0.00 | 42.70 3.19 0.00 | 54.24 3.87 0.00 | 47.93 3.28 0.00 | 41.55 2.84 0.00 | 31.88 2.22 0.00 | 27.15 1.77 0.00 | 28.97 1.88 0.00 | 26.07 1.68 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 27.39 0.19 0.00 | 24.88 0.18 0.00 | 25.13 0.17 0.00 | 34.08 0.25 0.00 | 31.49 0.20 0.00 | 40.34 0.33 0.00 | 35.21 0.37 0.00 | 35.05 0.41 0.00 | 32.53 0.38 0.00 | 34.30 0.26 0.00 | 24.25 0.13 0.00 | 22.88 0.11 0.00 | 22.54 0.10 0.00 | 23.40 0.07 0.00 | 26.96 0.09 0.00 | 39.32 0.34 0.00 | 39.96 0.45 0.00 | 51.03 0.66 0.00 | 45.20 0.56 0.00 | 39.18 0.46 0.00 | 30.07 0.41 0.00 | 25.71 0.33 0.00 | 27.43 0.34 0.00 | 24.59 0.20 0.00 |
| WATSON__69_KV_BK 1 55734 | 28.98 1.79 0.00 | 26.49 1.80 0.00 | 26.71 1.75 0.00 | 35.78 1.95 0.00 | 33.24 1.95 0.00 | 42.60 2.59 0.00 | 37.88 3.03 0.00 | 37.71 3.07 0.00 | 35.31 3.16 0.00 | 45.97 3.26 -8.67 | 64.82 2.43 -38.28 | 26.78 2.50 -1.50 | 25.36 2.53 -0.40 | 27.84 2.48 -2.02 | 29.60 2.73 0.00 | 42.76 3.77 0.00 | 43.29 3.78 0.00 | 54.97 4.59 0.00 | 43.57 4.24 5.32 | 43.01 3.80 -0.49 | 39.57 3.05 -6.87 | 27.68 2.30 0.00 | 29.63 2.54 0.00 | 26.70 2.31 0.00 |
| WDELAWARE__HYD 323627 | 28.63 1.44 0.00 | 25.99 1.30 0.00 | 26.25 1.28 0.00 | 35.50 1.67 0.00 | 32.89 1.60 0.00 | 42.24 2.23 0.00 | 37.10 2.26 0.00 | 37.27 2.63 0.00 | 34.58 2.43 0.00 | 36.59 2.55 0.00 | 26.52 1.83 -0.57 | 25.16 1.74 -0.64 | 24.37 1.72 -0.21 | 26.24 1.83 -1.09 | 28.99 2.12 0.00 | 42.01 3.02 0.00 | 42.75 3.25 0.00 | 54.48 4.10 0.00 | 48.19 3.55 0.00 | 41.70 2.99 0.00 | 31.92 2.26 0.00 | 27.25 1.87 0.00 | 29.09 2.00 0.00 | 26.12 1.73 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WEST BABYLON___IC 23714 | 28.94 1.75 0.00 | 26.43 1.73 0.00 | 26.65 1.68 0.00 | 35.73 1.90 0.00 | 33.19 1.90 0.00 | 42.57 2.57 0.00 | 37.85 3.01 0.00 | 37.73 3.10 0.00 | 35.31 3.16 0.00 | 46.00 3.29 -8.67 | 64.83 2.43 -38.28 | 26.76 2.49 -1.50 | 25.33 2.50 -0.40 | 27.83 2.47 -2.02 | 29.57 2.70 0.00 | 42.65 3.67 0.00 | 43.20 3.69 0.00 | 54.88 4.51 0.00 | 45.61 4.09 3.13 | 42.94 3.70 -0.53 | 40.06 2.98 -7.42 | 27.67 2.29 0.00 | 29.61 2.52 0.00 | 26.67 2.28 0.00 |
| WEST CANADA___HYD 24049 | 27.22 0.03 0.00 | 24.72 0.02 0.00 | 24.99 0.03 0.00 | 33.87 0.04 0.00 | 31.32 0.03 0.00 | 40.05 0.05 0.00 | 34.92 0.07 0.00 | 34.76 0.12 0.00 | 32.25 0.10 0.00 | 34.14 0.10 0.00 | 24.17 0.05 0.00 | 22.83 0.05 0.00 | 22.50 0.06 0.00 | 23.39 0.06 0.00 | 26.95 0.08 0.00 | 39.11 0.13 0.00 | 39.66 0.15 0.00 | 50.59 0.21 0.00 | 44.87 0.22 0.00 | 38.91 0.20 0.00 | 29.79 0.13 0.00 | 25.47 0.09 0.00 | 27.19 0.11 0.00 | 24.47 0.07 0.00 |
| WESTERN_NY_WIND 24143 | 26.50 -0.69 0.00 | 24.05 -0.64 0.00 | 24.42 -0.55 0.00 | 32.66 -1.18 0.00 | 30.58 -0.71 0.00 | 39.31 -0.69 0.00 | 33.61 -1.23 0.00 | 33.32 -1.32 0.00 | 31.01 -1.14 0.00 | 33.06 -0.98 0.00 | 23.35 -0.81 -0.04 | 21.83 -1.00 -0.05 | 21.48 -0.98 -0.02 | 22.89 -0.53 -0.09 | 25.95 -0.92 0.00 | 37.55 -1.44 0.00 | 37.72 -1.79 0.00 | 48.53 -1.85 0.00 | 43.04 -1.61 0.00 | 37.43 -1.28 0.00 | 28.56 -1.10 0.00 | 24.69 -0.69 0.00 | 26.41 -0.68 0.00 | 24.10 -0.29 0.00 |
| WESTOVER___LESR 323668 | 27.33 0.14 0.00 | 24.81 0.12 0.00 | 25.13 0.17 0.00 | 33.99 0.16 0.00 | 31.52 0.23 0.00 | 40.45 0.45 0.00 | 35.11 0.27 0.00 | 35.13 0.49 0.00 | 32.65 0.50 0.00 | 34.60 0.56 0.00 | 24.57 0.35 -0.10 | 23.22 0.32 -0.12 | 22.78 0.29 -0.04 | 23.90 0.37 -0.21 | 27.31 0.44 0.00 | 39.55 0.57 0.00 | 40.06 0.55 0.00 | 51.08 0.71 0.00 | 45.20 0.56 0.00 | 39.21 0.50 0.00 | 29.99 0.33 0.00 | 25.72 0.34 0.00 | 27.57 0.49 0.00 | 24.84 0.45 0.00 |
| WETHRSFD_WT_PWR 323626 | 25.61 -1.58 0.00 | 23.30 -1.39 0.00 | 23.53 -1.14 0.29 | 31.76 -2.08 0.00 | 29.82 -1.47 0.00 | 38.30 -1.70 0.00 | 32.89 -1.95 0.00 | 32.76 -1.88 0.00 | 30.54 -1.61 0.00 | 32.57 -1.47 0.00 | 23.00 -1.17 -0.05 | 21.55 -1.30 -0.07 | 21.18 -1.28 -0.02 | 22.38 -1.07 -0.11 | 25.63 -1.24 0.00 | 37.02 -1.96 0.00 | 37.29 -2.22 0.00 | 47.78 -2.59 0.00 | 42.42 -2.23 0.00 | 36.92 -1.80 0.00 | 28.16 -1.50 0.00 | 24.43 -0.93 0.02 | 26.36 -0.72 0.00 | 24.03 -0.36 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 28.39 1.20 0.00 | 25.80 1.10 0.00 | 26.04 1.08 0.00 | 35.16 1.33 0.00 | 32.60 1.31 0.00 | 41.90 1.90 0.00 | 36.80 1.95 0.00 | 37.03 2.39 0.00 | 34.44 2.29 0.00 | 34.24 2.57 2.37 | 17.23 1.85 8.74 | 25.56 1.74 -1.04 | 24.54 1.73 -0.37 | 27.01 1.78 -1.90 | 28.90 2.03 0.00 | 41.71 2.73 0.00 | 42.32 2.81 0.00 | 53.80 3.42 0.00 | 47.55 2.91 0.00 | 41.15 2.44 0.00 | 31.53 1.87 0.00 | 26.89 1.51 0.00 | 28.73 1.65 0.00 | 25.83 1.44 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 28.39 1.20 0.00 | 25.80 1.10 0.00 | 26.04 1.08 0.00 | 35.16 1.33 0.00 | 32.60 1.31 0.00 | 41.90 1.90 0.00 | 36.80 1.95 0.00 | 37.03 2.39 0.00 | 34.44 2.29 0.00 | 34.24 2.57 2.37 | 17.23 1.85 8.74 | 25.56 1.74 -1.04 | 24.54 1.73 -0.37 | 27.01 1.78 -1.90 | 28.90 2.03 0.00 | 41.71 2.73 0.00 | 42.32 2.81 0.00 | 53.80 3.42 0.00 | 47.55 2.91 0.00 | 41.15 2.44 0.00 | 31.53 1.87 0.00 | 26.89 1.51 0.00 | 28.73 1.65 0.00 | 25.83 1.44 0.00 |
| WHITEHAL_115KV_TB1 80871 | 29.68 2.49 0.00 | 26.88 2.19 0.00 | 27.18 2.21 0.00 | 36.51 2.67 0.00 | 34.08 2.78 0.00 | 43.74 3.74 0.00 | 38.52 3.67 0.00 | 38.16 3.52 0.00 | 35.51 3.36 0.00 | 37.20 3.16 0.00 | 26.05 2.00 0.07 | 24.48 1.79 0.09 | 24.28 1.87 0.03 | 25.25 2.08 0.16 | 29.41 2.54 0.00 | 42.84 3.86 0.00 | 43.50 4.00 0.00 | 55.56 5.18 0.00 | 48.74 4.10 0.00 | 42.12 3.40 0.00 | 32.47 2.81 0.00 | 27.89 2.51 0.00 | 29.74 2.66 0.00 | 26.44 2.05 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 28.71 1.52 0.00 | 26.08 1.39 0.00 | 26.32 1.36 0.00 | 35.52 1.68 0.00 | 32.93 1.64 0.00 | 42.35 2.35 0.00 | 37.28 2.44 0.00 | 37.54 2.90 0.00 | 34.93 2.79 0.00 | 33.35 3.10 3.78 | 11.30 2.23 15.05 | 25.93 2.13 -1.02 | 24.93 2.11 -0.38 | 27.48 2.18 -1.97 | 29.36 2.49 0.00 | 42.35 3.37 0.00 | 42.96 3.45 0.00 | 54.64 4.27 0.00 | 48.28 3.63 0.00 | 41.78 3.07 0.00 | 32.02 2.36 0.00 | 27.29 1.91 0.00 | 29.12 2.04 0.00 | 26.15 1.76 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 28.81 1.62 0.00 | 26.41 1.72 0.00 | 26.62 1.66 0.00 | 35.60 1.77 0.00 | 33.13 1.84 0.00 | 42.34 2.33 0.00 | 37.49 2.65 0.00 | 37.12 2.48 0.00 | 34.82 2.67 0.00 | 45.38 2.67 -8.67 | 64.43 2.03 -38.28 | 26.46 2.19 -1.50 | 25.07 2.24 -0.40 | 27.52 2.17 -2.02 | 29.19 2.32 0.00 | 42.34 3.36 0.00 | 42.84 3.34 0.00 | 54.16 3.79 0.00 | 41.86 3.57 6.36 | 42.50 3.30 -0.48 | 39.03 2.75 -6.62 | 27.33 1.95 0.00 | 29.27 2.19 0.00 | 26.45 2.06 0.00 |
| WOODARD___115KV_TB2 355635 | 26.79 -0.40 0.00 | 24.33 -0.36 0.00 | 24.61 -0.35 0.00 | 33.30 -0.53 0.00 | 30.86 -0.43 0.00 | 39.43 -0.58 0.00 | 34.22 -0.62 0.00 | 34.12 -0.51 0.00 | 31.68 -0.47 0.00 | 33.55 -0.49 0.00 | 23.81 -0.34 -0.03 | 22.47 -0.34 -0.03 | 22.11 -0.34 -0.01 | 23.04 -0.35 -0.06 | 26.44 -0.44 0.00 | 38.40 -0.58 0.00 | 38.93 -0.58 0.00 | 49.68 -0.69 0.00 | 44.00 -0.64 0.00 | 38.16 -0.55 0.00 | 29.21 -0.45 0.00 | 25.03 -0.35 0.00 | 26.69 -0.39 0.00 | 24.10 -0.29 0.00 |
| YORK___WARBASSE 23770 | 28.83 1.64 0.00 | 26.22 1.53 0.00 | 26.44 1.48 0.00 | 35.63 1.80 0.00 | 33.04 1.75 0.00 | 42.56 2.55 0.00 | 37.43 2.59 0.00 | 37.65 3.02 0.00 | 35.07 2.92 0.00 | 117.83 3.28 -80.50 | 373.08 2.41 -346.55 | 29.10 2.31 -4.02 | 25.03 2.19 -0.39 | 27.59 2.24 -2.02 | 29.41 2.54 0.00 | 42.33 3.35 0.00 | 42.89 3.38 0.00 | 54.50 4.13 0.00 | 48.16 3.51 0.00 | 41.79 3.07 0.00 | 32.05 2.39 0.00 | 27.30 1.92 0.00 | 29.15 2.06 0.00 | 26.21 1.82 0.00 |