

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/25/2024

| 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 | 39.64 | 31.15 | 29.52 | 30.46 | 31.48 | 36.38 | 41.03 | 63.77 | 36.02 | 30.63 | 30.45 | 29.56 | 30.70 | 32.43 | 37.17 | 39.62 | 44.38 | 78.81 | 48.18 | 38.65 | 35.31 | 34.38 | 37.26 | 35.99 |
| 24138 | 2.48 | 1.89 | 1.63 | 1.61 | 1.75 | 2.22 | 2.64 | 4.30 | 2.52 | 2.27 | 2.32 | 2.23 | 2.31 | 2.34 | 2.57 | 2.62 | 2.89 | 5.20 | 3.24 | 2.62 | 2.31 | 2.25 | 2.12 | 2.02 |
| | 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 |
| 74TH STREET_GT_1 | 39.68 | 31.19 | 29.56 | 30.50 | 31.52 | 36.41 | 41.10 | 63.86 | 36.08 | 30.66 | 30.48 | 29.59 | 30.73 | 32.46 | 37.19 | 39.65 | 44.41 | 78.93 | 48.25 | 38.71 | 35.37 | 34.44 | 37.31 | 36.04 |
| 24260 | 2.52 | 1.92 | 1.67 | 1.65 | 1.78 | 2.25 | 2.71 | 4.39 | 2.57 | 2.30 | 2.35 | 2.26 | 2.34 | 2.37 | 2.59 | 2.65 | 2.92 | 5.32 | 3.31 | 2.68 | 2.36 | 2.30 | 2.17 | 2.07 |
| | 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 |
| 74TH STREET_GT_2 | 39.68 | 31.19 | 29.56 | 30.50 | 31.52 | 36.41 | 41.10 | 63.86 | 36.08 | 30.66 | 30.48 | 29.59 | 30.73 | 32.46 | 37.19 | 39.65 | 44.41 | 78.93 | 48.25 | 38.71 | 35.37 | 34.44 | 37.31 | 36.04 |
| 24261 | 2.52 | 1.92 | 1.67 | 1.65 | 1.78 | 2.25 | 2.71 | 4.39 | 2.57 | 2.30 | 2.35 | 2.26 | 2.34 | 2.37 | 2.59 | 2.65 | 2.92 | 5.32 | 3.31 | 2.68 | 2.36 | 2.30 | 2.17 | 2.07 |
| | 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 |
| ADK HUDSON___FALLS | 38.78 | 30.64 | 29.21 | 30.28 | 31.30 | 36.05 | 40.72 | 63.16 | 35.47 | 29.59 | 29.33 | 28.40 | 29.54 | 31.49 | 36.17 | 38.68 | 43.43 | 77.11 | 47.20 | 37.96 | 34.84 | 33.98 | 37.05 | 35.65 |
| 24011 | 1.62 | 1.38 | 1.32 | 1.43 | 1.57 | 1.89 | 2.33 | 3.69 | 1.97 | 1.23 | 1.20 | 1.08 | 1.15 | 1.40 | 1.57 | 1.69 | 1.94 | 3.50 | 2.25 | 1.93 | 1.84 | 1.84 | 1.90 | 1.68 |
| | 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 |
| ADK RESOURCE___RCVRY | 38.91 | 30.76 | 29.33 | 30.43 | 31.47 | 36.22 | 40.89 | 63.43 | 35.63 | 29.63 | 29.41 | 28.46 | 29.61 | 31.63 | 36.32 | 38.77 | 43.61 | 77.45 | 47.42 | 38.19 | 35.06 | 34.23 | 37.26 | 35.82 |
| 23798 | 1.75 | 1.50 | 1.44 | 1.58 | 1.74 | 2.05 | 2.50 | 3.97 | 2.12 | 1.27 | 1.28 | 1.14 | 1.22 | 1.53 | 1.72 | 1.77 | 2.12 | 3.85 | 2.48 | 2.16 | 2.06 | 2.09 | 2.12 | 1.86 |
| | 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 |
| ADK S GLENS___FALLS | 38.78 | 30.64 | 29.21 | 30.28 | 31.30 | 36.05 | 40.72 | 63.16 | 35.47 | 29.59 | 29.33 | 28.40 | 29.54 | 31.49 | 36.17 | 38.68 | 43.43 | 77.11 | 47.20 | 37.96 | 34.84 | 33.98 | 37.05 | 35.65 |
| 24028 | 1.62 | 1.38 | 1.32 | 1.43 | 1.57 | 1.89 | 2.33 | 3.69 | 1.97 | 1.23 | 1.20 | 1.08 | 1.15 | 1.40 | 1.57 | 1.69 | 1.94 | 3.50 | 2.25 | 1.93 | 1.84 | 1.84 | 1.90 | 1.68 |
| | 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 |
| ADK_NYS___DAM | 39.28 | 31.12 | 29.69 | 30.74 | 31.61 | 36.41 | 41.06 | 63.57 | 35.78 | 29.98 | 29.67 | 28.76 | 29.91 | 31.89 | 36.63 | 39.15 | 43.54 | 77.04 | 47.14 | 37.96 | 35.07 | 34.29 | 37.29 | 35.99 |
| 23527 | 2.12 | 1.86 | 1.79 | 1.90 | 1.87 | 2.25 | 2.67 | 4.10 | 2.28 | 1.62 | 1.54 | 1.44 | 1.52 | 1.80 | 2.02 | 2.15 | 2.05 | 3.43 | 2.20 | 1.94 | 2.07 | 2.15 | 2.14 | 2.03 |
| | 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 |
| AIR_PRODUCTS___DRP | 37.38 | 29.52 | 28.13 | 29.07 | 29.97 | 34.54 | 38.95 | 60.32 | 33.97 | 28.66 | 28.45 | 27.65 | 28.66 | 30.36 | 34.90 | 37.37 | 41.80 | 74.11 | 45.29 | 36.39 | 33.38 | 32.58 | 35.44 | 34.20 |
| 24190 | 0.22 | 0.26 | 0.24 | 0.22 | 0.24 | 0.37 | 0.56 | 0.85 | 0.47 | 0.30 | 0.31 | 0.32 | 0.27 | 0.28 | 0.30 | 0.37 | 0.32 | 0.50 | 0.35 | 0.37 | 0.38 | 0.44 | 0.29 | 0.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 34.98 | 27.60 | 26.19 | 27.04 | 27.58 | 31.92 | 36.22 | 55.90 | 31.29 | 27.40 | 27.50 | 27.01 | 28.27 | 29.87 | 34.42 | 36.45 | 40.98 | 72.64 | 44.25 | 35.19 | 32.26 | 31.25 | 34.74 | 33.51 |
| 355683 | -2.17 | -1.66 | -1.70 | -1.81 | -2.16 | -2.24 | -2.17 | -3.57 | -2.22 | -0.96 | -0.63 | -0.31 | -0.12 | -0.22 | -0.18 | -0.55 | -0.50 | -0.97 | -0.69 | -0.84 | -0.74 | -0.89 | -0.41 | -0.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | 38.15 | 30.12 | 28.72 | 29.70 | 30.61 | 35.26 | 39.76 | 61.53 | 34.44 | 28.86 | 28.60 | 27.80 | 28.84 | 30.57 | 35.31 | 38.00 | 42.65 | 75.60 | 46.21 | 37.12 | 34.03 | 33.18 | 36.14 | 34.88 |
| 323833 | 0.99 | 0.85 | 0.82 | 0.85 | 0.88 | 1.10 | 1.37 | 2.06 | 0.93 | 0.50 | 0.47 | 0.47 | 0.45 | 0.48 | 0.70 | 1.00 | 1.15 | 1.99 | 1.27 | 1.09 | 1.03 | 1.05 | 0.99 | 0.91 |
| | 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_2_SOLAR | 38.14 | 30.11 | 28.71 | 29.69 | 30.61 | 35.26 | 39.76 | 61.51 | 34.43 | 28.86 | 28.60 | 27.80 | 28.84 | 30.56 | 35.31 | 37.99 | 42.64 | 75.59 | 46.19 | 37.10 | 34.03 | 33.18 | 36.13 | 34.88 |
| 323834 | 0.99 | 0.85 | 0.82 | 0.84 | 0.87 | 1.09 | 1.37 | 2.04 | 0.92 | 0.49 | 0.47 | 0.47 | 0.45 | 0.47 | 0.70 | 1.00 | 1.15 | 1.98 | 1.25 | 1.08 | 1.02 | 1.04 | 0.98 | 0.91 |
| | 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 | 37.38 | 29.52 | 28.13 | 29.07 | 29.97 | 34.54 | 38.95 | 60.32 | 33.97 | 28.66 | 28.45 | 27.65 | 28.66 | 30.36 | 34.90 | 37.37 | 41.80 | 74.11 | 45.29 | 36.39 | 33.38 | 32.58 | 35.44 | 34.20 |
| 23571 | 0.22 | 0.26 | 0.24 | 0.22 | 0.24 | 0.37 | 0.56 | 0.85 | 0.47 | 0.30 | 0.31 | 0.32 | 0.27 | 0.28 | 0.30 | 0.37 | 0.32 | 0.50 | 0.35 | 0.37 | 0.38 | 0.44 | 0.29 | 0.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 37.38 0.22 0.00 | 29.52 0.26 0.00 | 28.13 0.24 0.00 | 29.07 0.22 0.00 | 29.97 0.24 0.00 | 34.54 0.37 0.00 | 38.95 0.56 0.00 | 60.32 0.85 0.00 | 33.97 0.47 0.00 | 28.66 0.30 0.00 | 28.45 0.31 0.00 | 27.65 0.32 0.00 | 28.66 0.27 0.00 | 30.36 0.28 0.00 | 34.90 0.30 0.00 | 37.37 0.37 0.00 | 41.80 0.32 0.00 | 74.11 0.50 0.00 | 45.29 0.35 0.00 | 36.39 0.37 0.00 | 33.38 0.38 0.00 | 32.58 0.44 0.00 | 35.44 0.29 0.00 | 34.20 0.24 0.00 |
| ALBANY___3 23573 | 37.38 0.22 0.00 | 29.52 0.26 0.00 | 28.13 0.24 0.00 | 29.07 0.22 0.00 | 29.97 0.24 0.00 | 34.54 0.37 0.00 | 38.95 0.56 0.00 | 60.32 0.85 0.00 | 33.97 0.47 0.00 | 28.66 0.30 0.00 | 28.45 0.31 0.00 | 27.65 0.32 0.00 | 28.66 0.27 0.00 | 30.36 0.28 0.00 | 34.90 0.30 0.00 | 37.37 0.37 0.00 | 41.80 0.32 0.00 | 74.11 0.50 0.00 | 45.29 0.35 0.00 | 36.39 0.37 0.00 | 33.38 0.38 0.00 | 32.58 0.44 0.00 | 35.44 0.29 0.00 | 34.20 0.24 0.00 |
| ALBANY___4 23574 | 37.38 0.22 0.00 | 29.52 0.26 0.00 | 28.13 0.24 0.00 | 29.07 0.22 0.00 | 29.97 0.24 0.00 | 34.54 0.37 0.00 | 38.95 0.56 0.00 | 60.32 0.85 0.00 | 33.97 0.47 0.00 | 28.66 0.30 0.00 | 28.45 0.31 0.00 | 27.65 0.32 0.00 | 28.66 0.27 0.00 | 30.36 0.28 0.00 | 34.90 0.30 0.00 | 37.37 0.37 0.00 | 41.80 0.32 0.00 | 74.11 0.50 0.00 | 45.29 0.35 0.00 | 36.39 0.37 0.00 | 33.38 0.38 0.00 | 32.58 0.44 0.00 | 35.44 0.29 0.00 | 34.20 0.24 0.00 |
| ALBANY___LFGE 323615 | 37.77 0.62 0.00 | 29.82 0.56 0.00 | 28.42 0.53 0.00 | 29.38 0.53 0.00 | 30.29 0.56 0.00 | 34.92 0.76 0.00 | 39.39 1.00 0.00 | 61.02 1.55 0.00 | 34.36 0.86 0.00 | 28.98 0.61 0.00 | 28.74 0.61 0.00 | 27.93 0.60 0.00 | 28.96 0.57 0.00 | 30.71 0.62 0.00 | 35.32 0.71 0.00 | 37.83 0.83 0.00 | 42.31 0.82 0.00 | 75.00 1.40 0.00 | 45.83 0.89 0.00 | 36.83 0.80 0.00 | 33.77 0.76 0.00 | 32.94 0.80 0.00 | 35.83 0.68 0.00 | 34.57 0.61 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 35.19 -1.96 0.00 | 27.77 -1.49 0.00 | 26.33 -1.56 0.00 | 27.18 -1.67 0.00 | 27.73 -2.00 0.00 | 32.11 -2.05 0.00 | 36.45 -1.94 0.00 | 56.27 -3.19 0.00 | 31.50 -2.01 0.00 | 27.55 -0.81 0.00 | 27.62 -0.51 0.00 | 27.12 -0.20 0.00 | 28.39 0.00 0.00 | 30.00 -0.09 0.00 | 34.59 -0.01 0.00 | 36.64 -0.36 0.00 | 41.27 -0.22 0.00 | 73.16 -0.45 0.00 | 44.58 -0.36 0.00 | 35.44 -0.59 0.00 | 32.48 -0.52 0.00 | 31.45 -0.69 0.00 | 34.94 -0.20 0.00 | 33.69 -0.27 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 35.19 -1.96 0.00 | 27.77 -1.49 0.00 | 26.33 -1.56 0.00 | 27.18 -1.67 0.00 | 27.73 -2.00 0.00 | 32.11 -2.05 0.00 | 36.45 -1.94 0.00 | 56.27 -3.19 0.00 | 31.50 -2.01 0.00 | 27.55 -0.81 0.00 | 27.62 -0.51 0.00 | 27.12 -0.20 0.00 | 28.39 0.00 0.00 | 30.00 -0.09 0.00 | 34.59 -0.01 0.00 | 36.64 -0.36 0.00 | 41.27 -0.22 0.00 | 73.16 -0.45 0.00 | 44.58 -0.36 0.00 | 35.44 -0.59 0.00 | 32.48 -0.52 0.00 | 31.45 -0.69 0.00 | 34.94 -0.20 0.00 | 33.69 -0.27 0.00 |
| ALCOA___DSASP 323711 | 35.19 -1.96 0.00 | 27.77 -1.49 0.00 | 26.33 -1.56 0.00 | 27.18 -1.67 0.00 | 27.73 -2.00 0.00 | 32.11 -2.05 0.00 | 36.45 -1.94 0.00 | 56.27 -3.20 0.00 | 31.50 -2.01 0.00 | 27.55 -0.81 0.00 | 27.62 -0.51 0.00 | 27.13 -0.20 0.00 | 28.39 0.00 0.00 | 30.00 -0.09 0.00 | 34.59 -0.01 0.00 | 36.64 -0.36 0.00 | 41.27 -0.22 0.00 | 73.16 -0.45 0.00 | 44.58 -0.36 0.00 | 35.44 -0.59 0.00 | 32.48 -0.52 0.00 | 31.45 -0.69 0.00 | 34.94 -0.20 0.00 | 33.69 -0.27 0.00 |
| ALLEGHENY___COGEN 23514 | 38.61 1.45 0.00 | 30.00 0.74 0.00 | 28.79 0.89 0.00 | 29.86 1.02 0.00 | 30.90 1.17 0.00 | 35.57 1.41 0.00 | 39.84 1.45 0.00 | 61.81 2.35 0.00 | 34.81 1.31 0.00 | 28.98 0.62 0.00 | 28.27 0.14 0.00 | 27.34 0.01 0.00 | 28.56 0.17 0.00 | 29.95 -0.14 0.00 | 34.58 -0.02 0.00 | 37.23 0.23 0.00 | 42.25 0.82 0.07 | 75.02 1.41 0.00 | 45.60 0.66 0.00 | 36.27 0.25 0.00 | 33.11 0.11 0.00 | 32.02 -0.12 0.00 | 35.13 -0.02 0.00 | 34.21 0.24 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 37.90 0.74 0.00 | 29.90 0.64 0.00 | 28.49 0.59 0.00 | 29.45 0.60 0.00 | 30.38 0.64 0.00 | 34.98 0.82 0.00 | 39.42 1.03 0.00 | 61.06 1.60 0.00 | 34.38 0.88 0.00 | 29.01 0.65 0.00 | 28.75 0.62 0.00 | 27.92 0.59 0.00 | 28.98 0.59 0.00 | 30.70 0.61 0.00 | 35.30 0.70 0.00 | 37.81 0.81 0.00 | 42.35 0.86 0.00 | 75.13 1.52 0.00 | 45.91 0.97 0.00 | 36.87 0.85 0.00 | 33.80 0.79 0.00 | 32.94 0.81 0.00 | 35.87 0.72 0.00 | 34.63 0.66 0.00 |
| ALTONA_WT_PWR 323606 | 34.57 -2.59 0.00 | 27.38 -1.88 0.00 | 26.02 -1.87 0.00 | 26.86 -1.99 0.00 | 27.37 -2.37 0.00 | 31.75 -2.42 0.00 | 36.11 -2.28 0.00 | 56.07 -3.40 0.00 | 31.46 -2.04 0.00 | 27.36 -1.00 0.00 | 27.70 -0.44 0.00 | 27.24 -0.09 0.00 | 28.55 0.16 0.00 | 30.24 0.15 0.00 | 34.78 0.17 0.00 | 36.87 -0.13 0.00 | 41.62 0.13 0.00 | 73.84 0.23 0.00 | 45.04 0.10 0.00 | 35.85 -0.18 0.00 | 32.89 -0.11 0.00 | 31.85 -0.29 0.00 | 35.24 0.10 0.00 | 33.87 -0.10 0.00 |
| AMERICAN_REF_FUEL 24010 | 36.02 -1.14 0.00 | 28.02 -1.24 0.00 | 26.87 -1.02 0.00 | 27.89 -0.95 0.00 | 28.74 -0.99 0.00 | 32.77 -1.39 0.00 | 35.93 -2.46 0.00 | 55.39 -4.08 0.00 | 31.52 -1.98 0.00 | 26.76 -1.61 0.00 | 26.54 -1.59 0.00 | 25.80 -1.52 0.00 | 27.01 -1.38 0.00 | 28.25 -1.84 0.00 | 32.44 -2.17 0.00 | 34.13 -2.87 0.00 | 37.74 -3.33 0.42 | 67.05 -6.56 0.00 | 40.65 -4.30 0.00 | 32.37 -3.66 0.00 | 29.74 -3.26 0.00 | 28.95 -3.18 0.00 | 32.33 -2.82 0.00 | 31.87 -2.10 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 38.06 0.90 0.00 | 29.57 0.31 0.00 | 28.36 0.47 0.00 | 29.45 0.60 0.00 | 30.38 0.65 0.00 | 34.80 0.64 0.00 | 38.35 -0.04 0.00 | 59.03 -0.44 0.00 | 33.31 -0.19 0.00 | 28.25 -0.11 0.00 | 28.13 0.00 0.00 | 27.33 0.00 0.00 | 28.55 0.16 0.00 | 29.99 -0.10 0.00 | 34.42 -0.19 0.00 | 36.25 -0.75 0.00 | 39.88 -1.11 0.50 | 70.43 -3.17 0.00 | 42.41 -2.53 0.00 | 33.55 -2.48 0.00 | 30.97 -2.04 0.00 | 29.89 -2.24 0.00 | 33.33 -1.81 0.00 | 32.67 -1.30 0.00 |
| ARTHUR KILL_GT_1 23520 | 39.97 2.81 0.00 | 31.41 2.15 0.00 | 29.79 1.90 0.00 | 30.76 1.91 0.00 | 31.76 2.03 0.00 | 36.53 2.37 0.00 | 41.14 2.75 0.00 | 63.29 3.83 0.00 | 35.72 2.21 0.00 | 30.33 1.97 0.00 | 30.08 1.95 0.00 | 29.21 1.88 0.00 | 30.31 1.92 0.00 | 32.02 1.93 0.00 | 36.69 2.09 0.00 | 39.22 2.22 0.00 | 43.94 2.45 0.00 | 78.09 4.48 0.00 | 47.83 2.89 0.00 | 38.38 2.36 0.00 | 35.07 2.07 0.00 | 34.15 2.02 0.00 | 36.94 1.80 0.00 | 35.83 1.86 0.00 |
| ARTHUR_KILL_2 23512 | 39.86 2.70 0.00 | 31.33 2.07 0.00 | 29.71 1.82 0.00 | 30.68 1.83 0.00 | 31.67 1.94 0.00 | 36.43 2.27 0.00 | 41.02 2.63 0.00 | 63.09 3.63 0.00 | 35.61 2.11 0.00 | 30.24 1.88 0.00 | 30.01 1.88 0.00 | 29.13 1.80 0.00 | 30.24 1.85 0.00 | 31.94 1.85 0.00 | 36.60 1.99 0.00 | 39.10 2.10 0.00 | 43.81 2.32 0.00 | 77.81 4.20 0.00 | 47.68 2.74 0.00 | 38.26 2.23 0.00 | 34.96 1.96 0.00 | 34.05 1.92 0.00 | 36.84 1.69 0.00 | 35.73 1.76 0.00 |
| ARTHUR_KILL_3 23513 | 39.29 2.13 0.00 | 30.88 1.62 0.00 | 29.26 1.37 0.00 | 30.19 1.34 0.00 | 31.20 1.47 0.00 | 36.09 1.92 0.00 | 40.69 2.30 0.00 | 63.28 3.82 0.00 | 35.74 2.24 0.00 | 30.38 2.01 0.00 | 30.20 2.07 0.00 | 29.32 1.99 0.00 | 30.44 2.05 0.00 | 32.15 2.06 0.00 | 36.84 2.24 0.00 | 39.28 2.29 0.00 | 44.00 2.51 0.00 | 78.24 4.63 0.00 | 47.84 2.90 0.00 | 38.38 2.35 0.00 | 35.08 2.07 0.00 | 34.16 2.03 0.00 | 37.01 1.87 0.00 | 35.73 1.77 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 39.97 2.81 0.00 | 31.41 2.15 0.00 | 29.79 1.90 0.00 | 30.76 1.91 0.00 | 31.76 2.03 0.00 | 36.53 2.37 0.00 | 41.14 2.75 0.00 | 63.29 3.83 0.00 | 35.72 2.21 0.00 | 30.33 1.97 0.00 | 30.08 1.95 0.00 | 29.21 1.88 0.00 | 30.31 1.92 0.00 | 32.02 1.93 0.00 | 36.69 2.09 0.00 | 39.22 2.22 0.00 | 43.94 2.45 0.00 | 78.09 4.48 0.00 | 47.83 2.89 0.00 | 38.38 2.36 0.00 | 35.07 2.07 0.00 | 34.15 2.02 0.00 | 36.94 1.80 0.00 | 35.83 1.86 0.00 |
| ASHOKAN____ 23654 | 38.88 1.72 0.00 | 30.64 1.38 0.00 | 29.18 1.28 0.00 | 30.17 1.32 0.00 | 31.17 1.44 0.00 | 36.04 1.88 0.00 | 40.80 2.42 0.00 | 63.37 3.90 0.00 | 35.44 1.94 0.00 | 29.62 1.25 0.00 | 29.18 1.05 0.00 | 28.28 0.95 0.00 | 29.33 0.94 0.00 | 31.09 1.00 0.00 | 35.83 1.22 0.00 | 38.84 1.84 0.00 | 43.67 2.19 0.00 | 77.70 4.09 0.00 | 47.55 2.61 0.00 | 38.14 2.11 0.00 | 34.92 1.92 0.00 | 33.98 1.84 0.00 | 36.87 1.73 0.00 | 35.50 1.54 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 39.27 2.11 0.00 | 30.92 1.66 0.00 | 29.24 1.35 0.00 | 30.10 1.27 0.01 | 31.16 1.42 0.00 | 36.06 1.90 0.00 | 40.69 2.30 0.00 | 63.15 3.69 0.00 | 35.75 2.25 0.00 | 30.38 2.02 0.00 | 30.13 2.00 0.00 | 29.26 1.94 0.00 | 30.37 1.98 0.00 | 32.08 1.99 0.00 | 36.65 2.04 0.00 | 39.15 2.15 0.00 | 43.83 2.34 0.00 | 78.32 4.28 -0.43 | 47.67 2.72 0.00 | 38.32 2.30 0.00 | 35.69 1.95 -0.73 | -6.63 1.91 40.67 | 36.85 1.71 0.01 | 35.69 1.72 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 39.27 2.12 0.00 | 30.92 1.66 0.00 | 29.24 1.35 0.00 | 30.10 1.27 0.01 | 31.15 1.42 0.00 | 36.06 1.90 0.00 | 40.69 2.30 0.00 | 63.15 3.69 0.00 | 35.74 2.24 0.00 | 30.38 2.02 0.00 | 30.13 2.00 0.00 | 29.26 1.94 0.00 | 30.37 1.98 0.00 | 32.08 1.99 0.00 | 36.64 2.04 0.00 | 39.15 2.15 0.00 | 43.83 2.34 0.00 | 78.32 4.28 -0.43 | 47.67 2.72 0.00 | 38.32 2.30 0.00 | 35.69 1.95 -0.73 | -6.63 1.91 40.67 | 36.85 1.71 0.01 | 35.69 1.72 0.00 |
| ASTORIA_GT2_1 24094 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT2_2 24095 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT2_3 24096 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT2_4 24097 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT3_1 24098 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT3_2 24099 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT3_3 24100 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT3_4 24101 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT4_1 24102 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT4_2 24103 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT4_3 24104 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |

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| ASTORIA_GT4_4 24105 | 39.28 2.12 0.00 | 30.93 1.67 0.00 | 29.25 1.35 0.00 | 30.12 1.28 0.00 | 31.16 1.43 0.00 | 36.06 1.90 0.00 | 40.69 2.31 0.00 | 63.20 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.09 2.00 0.00 | 36.66 2.05 0.00 | 39.16 2.17 0.00 | 43.81 2.32 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.97 -0.73 | -6.61 1.92 40.67 | 36.87 1.73 0.00 | 35.70 1.74 0.00 |
| ASTORIA_GT_1 23523 | 39.34 2.18 0.00 | 30.98 1.71 0.00 | 29.29 1.40 0.00 | 30.16 1.32 0.01 | 31.21 1.48 0.00 | 36.13 1.97 0.00 | 40.76 2.38 0.00 | 63.30 3.84 0.00 | 35.83 2.33 0.00 | 30.45 2.09 0.00 | 30.21 2.08 0.00 | 29.33 2.00 0.00 | 30.44 2.05 0.00 | 32.16 2.07 0.00 | 36.73 2.13 0.00 | 39.24 2.25 0.00 | 43.93 2.44 0.00 | 78.50 4.46 -0.43 | 47.77 2.83 0.00 | 38.41 2.38 0.00 | 35.78 2.05 -0.73 | -6.56 1.98 40.67 | 36.93 1.79 0.01 | 35.77 1.80 0.00 |
| ASTORIA_GT_10 24110 | 39.50 2.34 0.00 | 31.05 1.79 0.00 | 29.43 1.54 0.00 | 30.37 1.53 0.00 | 31.39 1.65 0.00 | 36.24 2.08 0.00 | 40.83 2.44 0.00 | 63.36 3.90 0.00 | 35.82 2.33 0.00 | 30.48 2.12 0.00 | 30.27 2.15 0.00 | 29.40 2.07 0.00 | 30.52 2.13 0.00 | 32.24 2.15 0.00 | 36.89 2.28 0.00 | 39.33 2.33 0.00 | 44.03 2.54 0.00 | 78.25 4.64 0.00 | 47.87 2.93 0.00 | 38.45 2.42 0.00 | 35.12 2.12 0.00 | 34.23 2.09 0.00 | 37.10 1.96 0.00 | 35.87 1.91 0.00 |
| ASTORIA_GT_11 24225 | 39.50 2.34 0.00 | 31.05 1.79 0.00 | 29.43 1.54 0.00 | 30.37 1.53 0.00 | 31.39 1.65 0.00 | 36.24 2.08 0.00 | 40.83 2.44 0.00 | 63.36 3.90 0.00 | 35.82 2.33 0.00 | 30.48 2.12 0.00 | 30.27 2.15 0.00 | 29.40 2.07 0.00 | 30.52 2.13 0.00 | 32.24 2.15 0.00 | 36.89 2.28 0.00 | 39.33 2.33 0.00 | 44.03 2.54 0.00 | 78.25 4.64 0.00 | 47.87 2.93 0.00 | 38.45 2.42 0.00 | 35.12 2.12 0.00 | 34.23 2.09 0.00 | 37.10 1.96 0.00 | 35.87 1.91 0.00 |
| ASTORIA_GT_12 24226 | 39.50 2.34 0.00 | 31.05 1.79 0.00 | 29.43 1.54 0.00 | 30.37 1.53 0.00 | 31.39 1.65 0.00 | 36.24 2.08 0.00 | 40.83 2.44 0.00 | 63.36 3.90 0.00 | 35.82 2.33 0.00 | 30.48 2.12 0.00 | 30.27 2.15 0.00 | 29.40 2.07 0.00 | 30.52 2.13 0.00 | 32.24 2.15 0.00 | 36.89 2.28 0.00 | 39.33 2.33 0.00 | 44.03 2.54 0.00 | 78.25 4.64 0.00 | 47.87 2.93 0.00 | 38.45 2.42 0.00 | 35.12 2.12 0.00 | 34.23 2.09 0.00 | 37.10 1.96 0.00 | 35.87 1.91 0.00 |
| ASTORIA_GT_13 24227 | 39.50 2.34 0.00 | 31.05 1.79 0.00 | 29.43 1.54 0.00 | 30.37 1.53 0.00 | 31.39 1.65 0.00 | 36.24 2.08 0.00 | 40.83 2.44 0.00 | 63.36 3.90 0.00 | 35.82 2.33 0.00 | 30.48 2.12 0.00 | 30.27 2.15 0.00 | 29.40 2.07 0.00 | 30.52 2.13 0.00 | 32.24 2.15 0.00 | 36.89 2.28 0.00 | 39.33 2.33 0.00 | 44.03 2.54 0.00 | 78.25 4.64 0.00 | 47.87 2.93 0.00 | 38.45 2.42 0.00 | 35.12 2.12 0.00 | 34.23 2.09 0.00 | 37.10 1.96 0.00 | 35.87 1.91 0.00 |
| ASTORIA_GT_5 24106 | 39.34 2.18 0.00 | 30.98 1.71 0.00 | 29.29 1.40 0.00 | 30.17 1.32 0.00 | 31.21 1.48 0.00 | 36.12 1.96 0.00 | 40.77 2.38 0.00 | 63.31 3.84 0.00 | 35.83 2.33 0.00 | 30.45 2.09 0.00 | 30.21 2.08 0.00 | 29.32 2.00 0.00 | 30.44 2.05 0.00 | 32.16 2.07 0.00 | 36.73 2.12 0.00 | 39.24 2.24 0.00 | 43.90 2.40 0.00 | 78.50 4.46 -0.43 | 47.77 2.83 0.00 | 38.40 2.38 0.00 | 35.77 2.03 -0.73 | -6.56 1.98 40.67 | 36.94 1.79 0.00 | 35.76 1.80 0.00 |
| ASTORIA_GT_7 24107 | 39.34 2.18 0.00 | 30.98 1.71 0.00 | 29.29 1.40 0.00 | 30.17 1.32 0.00 | 31.21 1.48 0.00 | 36.12 1.96 0.00 | 40.77 2.38 0.00 | 63.31 3.84 0.00 | 35.83 2.33 0.00 | 30.45 2.09 0.00 | 30.21 2.08 0.00 | 29.32 2.00 0.00 | 30.44 2.05 0.00 | 32.16 2.07 0.00 | 36.73 2.12 0.00 | 39.24 2.24 0.00 | 43.90 2.40 0.00 | 78.50 4.46 -0.43 | 47.77 2.83 0.00 | 38.40 2.38 0.00 | 35.77 2.03 -0.73 | -6.56 1.98 40.67 | 36.94 1.79 0.00 | 35.76 1.80 0.00 |
| ASTORIA_GT_8 24108 | 39.34 2.18 0.00 | 30.98 1.71 0.00 | 29.29 1.40 0.00 | 30.17 1.32 0.00 | 31.21 1.48 0.00 | 36.12 1.96 0.00 | 40.77 2.38 0.00 | 63.31 3.84 0.00 | 35.83 2.33 0.00 | 30.45 2.09 0.00 | 30.21 2.08 0.00 | 29.32 2.00 0.00 | 30.44 2.05 0.00 | 32.16 2.07 0.00 | 36.73 2.12 0.00 | 39.24 2.24 0.00 | 43.90 2.40 0.00 | 78.50 4.46 -0.43 | 47.77 2.83 0.00 | 38.40 2.38 0.00 | 35.77 2.03 -0.73 | -6.56 1.98 40.67 | 36.94 1.79 0.00 | 35.76 1.80 0.00 |
| ASTORIA___2 24149 | 39.27 2.12 0.00 | 30.92 1.66 0.00 | 29.24 1.35 0.00 | 30.11 1.28 0.01 | 31.16 1.43 0.00 | 36.07 1.91 0.00 | 40.70 2.31 0.00 | 63.19 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.10 2.01 0.00 | 36.66 2.06 0.00 | 39.17 2.17 0.00 | 43.84 2.36 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.98 -0.73 | -6.62 1.92 40.67 | 36.87 1.73 0.01 | 35.70 1.74 0.00 |
| ASTORIA___3 23516 | 39.50 2.34 0.00 | 31.05 1.79 0.00 | 29.43 1.54 0.00 | 30.37 1.52 0.00 | 31.39 1.65 0.00 | 36.25 2.08 0.00 | 40.83 2.44 0.00 | 63.36 3.90 0.00 | 35.82 2.32 0.00 | 30.49 2.12 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.52 2.13 0.00 | 32.24 2.15 0.00 | 36.89 2.28 0.00 | 39.34 2.34 0.00 | 44.04 2.55 0.00 | 78.24 4.63 0.00 | 47.87 2.93 0.00 | 38.45 2.42 0.00 | 35.13 2.13 0.00 | 34.23 2.09 0.00 | 37.11 1.96 0.00 | 35.87 1.91 0.00 |
| ASTORIA___4 23517 | 39.50 2.34 0.00 | 31.05 1.79 0.00 | 29.43 1.54 0.00 | 30.37 1.53 0.00 | 31.39 1.65 0.00 | 36.24 2.08 0.00 | 40.83 2.44 0.00 | 63.36 3.90 0.00 | 35.82 2.33 0.00 | 30.48 2.12 0.00 | 30.27 2.15 0.00 | 29.40 2.07 0.00 | 30.52 2.13 0.00 | 32.24 2.15 0.00 | 36.89 2.28 0.00 | 39.33 2.33 0.00 | 44.03 2.54 0.00 | 78.25 4.64 0.00 | 47.87 2.93 0.00 | 38.45 2.42 0.00 | 35.12 2.12 0.00 | 34.23 2.09 0.00 | 37.10 1.96 0.00 | 35.87 1.91 0.00 |
| ASTORIA___5 23518 | 39.50 2.34 0.00 | 31.05 1.79 0.00 | 29.43 1.54 0.00 | 30.37 1.52 0.00 | 31.39 1.65 0.00 | 36.25 2.08 0.00 | 40.83 2.44 0.00 | 63.36 3.90 0.00 | 35.82 2.32 0.00 | 30.48 2.12 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.52 2.13 0.00 | 32.24 2.15 0.00 | 36.89 2.28 0.00 | 39.34 2.34 0.00 | 44.04 2.55 0.00 | 78.24 4.63 0.00 | 47.86 2.92 0.00 | 38.45 2.42 0.00 | 35.13 2.13 0.00 | 34.23 2.09 0.00 | 37.10 1.96 0.00 | 35.87 1.91 0.00 |
| AST_ENERGY_2_CC3 323677 | 39.42 2.27 0.00 | 30.99 1.73 0.00 | 29.37 1.48 0.00 | 30.29 1.45 0.00 | 31.28 1.54 0.00 | 36.10 1.93 0.00 | 40.65 2.26 0.00 | 63.14 3.68 0.00 | 35.71 2.21 0.00 | 30.40 2.04 0.00 | 30.21 2.08 0.00 | 29.33 2.01 0.00 | 30.45 2.06 0.00 | 32.17 2.08 0.00 | 36.81 2.21 0.00 | 39.22 2.22 0.00 | 43.91 2.43 0.00 | 78.03 4.42 0.00 | 47.72 2.78 0.00 | 38.30 2.28 0.00 | 35.01 2.00 0.00 | -6.79 1.75 40.67 | 36.47 1.33 0.01 | 35.47 1.50 0.00 |
| AST_ENERGY_2_CC4 323678 | 39.42 2.27 0.00 | 30.99 1.73 0.00 | 29.37 1.48 0.00 | 30.29 1.45 0.00 | 31.28 1.54 0.00 | 36.10 1.93 0.00 | 40.65 2.26 0.00 | 63.14 3.68 0.00 | 35.71 2.21 0.00 | 30.40 2.04 0.00 | 30.21 2.08 0.00 | 29.33 2.01 0.00 | 30.45 2.06 0.00 | 32.17 2.08 0.00 | 36.81 2.21 0.00 | 39.22 2.22 0.00 | 43.91 2.43 0.00 | 78.03 4.42 0.00 | 47.72 2.78 0.00 | 38.30 2.28 0.00 | 35.01 2.00 0.00 | -6.79 1.75 40.67 | 36.47 1.33 0.01 | 35.47 1.50 0.00 |

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|--------------------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 38.18 1.02 0.00 | 30.12 0.86 0.00 | 28.66 0.76 0.00 | 29.62 0.77 0.00 | 30.57 0.84 0.00 | 35.22 1.06 0.00 | 39.68 1.29 0.00 | 61.50 2.03 0.00 | 34.70 1.20 0.00 | 29.37 1.00 0.00 | 29.10 0.97 0.00 | 28.25 0.93 0.00 | 29.32 0.94 0.00 | 31.02 0.94 0.00 | 35.66 1.05 0.00 | 38.10 1.11 0.00 | 42.67 1.18 0.00 | 75.72 2.11 0.00 | 46.29 1.34 0.00 | 37.18 1.15 0.00 | 34.04 1.04 0.00 | 33.16 1.02 0.00 | 36.04 0.90 0.00 | 34.80 0.83 0.00 |
| ATHENS_STG_2 23670 | 38.18 1.02 0.00 | 30.12 0.86 0.00 | 28.66 0.76 0.00 | 29.62 0.77 0.00 | 30.57 0.84 0.00 | 35.22 1.06 0.00 | 39.68 1.29 0.00 | 61.50 2.03 0.00 | 34.70 1.20 0.00 | 29.37 1.00 0.00 | 29.10 0.97 0.00 | 28.25 0.93 0.00 | 29.32 0.94 0.00 | 31.02 0.94 0.00 | 35.66 1.05 0.00 | 38.10 1.11 0.00 | 42.67 1.18 0.00 | 75.72 2.11 0.00 | 46.29 1.34 0.00 | 37.18 1.15 0.00 | 34.04 1.04 0.00 | 33.16 1.02 0.00 | 36.04 0.90 0.00 | 34.80 0.83 0.00 |
| ATHENS_STG_3 23677 | 38.18 1.02 0.00 | 30.12 0.86 0.00 | 28.66 0.76 0.00 | 29.62 0.77 0.00 | 30.57 0.84 0.00 | 35.22 1.06 0.00 | 39.68 1.29 0.00 | 61.50 2.03 0.00 | 34.70 1.20 0.00 | 29.37 1.00 0.00 | 29.10 0.97 0.00 | 28.25 0.93 0.00 | 29.32 0.94 0.00 | 31.02 0.94 0.00 | 35.66 1.05 0.00 | 38.10 1.11 0.00 | 42.67 1.18 0.00 | 75.72 2.11 0.00 | 46.29 1.34 0.00 | 37.18 1.15 0.00 | 34.04 1.04 0.00 | 33.16 1.02 0.00 | 36.04 0.90 0.00 | 34.80 0.83 0.00 |
| AUBURN___LFGE 323710 | 37.52 0.37 0.00 | 29.51 0.25 0.00 | 28.20 0.31 0.00 | 29.21 0.37 0.00 | 30.14 0.41 0.00 | 34.49 0.33 0.00 | 38.67 0.28 0.00 | 60.14 0.67 0.00 | 33.88 0.37 0.00 | 28.60 0.24 0.00 | 28.18 0.05 0.00 | 27.40 0.07 0.00 | 28.51 0.12 0.00 | 30.10 0.01 0.00 | 34.49 -0.12 0.00 | 36.96 -0.04 0.00 | 41.69 0.20 0.00 | 74.00 0.39 0.00 | 44.98 0.04 0.00 | 36.07 0.05 0.00 | 32.91 -0.09 0.00 | 32.09 -0.05 0.00 | 35.21 0.07 0.00 | 33.98 0.02 0.00 |
| BABYLON_RES_REC 323704 | 39.56 2.40 0.00 | 31.22 1.96 0.00 | 29.52 1.62 0.00 | 30.51 1.66 0.00 | 31.50 1.77 0.00 | 36.45 2.29 0.00 | 41.25 2.86 0.00 | 63.98 4.51 0.00 | 36.04 2.54 0.00 | 30.39 2.03 0.00 | 30.41 2.28 0.00 | 29.45 2.13 0.00 | 30.65 2.26 0.00 | 32.41 2.32 0.00 | 37.13 2.53 0.00 | 39.78 2.78 0.00 | 50.62 3.16 -5.97 | 88.32 5.77 -8.94 | 53.66 3.52 -5.19 | 61.15 2.87 -22.25 | 47.06 2.65 -11.41 | 36.67 2.59 -1.94 | 37.56 2.41 0.00 | 36.26 2.29 0.00 |
| BABYLON__69_KV_BK2 356345 | 39.92 2.76 0.00 | 31.51 2.25 0.00 | 29.79 1.90 0.00 | 30.81 1.96 0.00 | 31.79 2.05 0.00 | 36.79 2.62 0.00 | 41.66 3.27 0.00 | 64.57 5.10 0.00 | 36.36 2.86 0.00 | 30.63 2.27 0.00 | 30.69 2.56 0.00 | 29.73 2.40 0.00 | 30.94 2.55 0.00 | 32.72 2.63 0.00 | 37.47 2.87 0.00 | 40.19 3.19 0.00 | 50.97 3.63 -5.85 | 88.94 6.62 -8.71 | 54.10 4.07 -5.08 | 61.13 3.33 -21.78 | 47.19 3.09 -11.11 | 37.03 3.00 -1.90 | 37.99 2.85 0.00 | 36.67 2.70 0.00 |
| BALL_HILL_WT_PWR 323825 | 37.51 0.35 0.00 | 29.16 -0.10 0.00 | 27.97 0.07 0.00 | 29.03 0.18 0.00 | 29.94 0.21 0.00 | 34.24 0.08 0.00 | 37.73 -0.66 0.00 | 58.29 -1.18 0.00 | 33.03 -0.47 0.00 | 28.03 -0.33 0.00 | 27.82 -0.31 0.00 | 27.04 -0.28 0.00 | 28.29 -0.09 0.00 | 29.63 -0.46 0.00 | 34.03 -0.58 0.00 | 35.81 -1.19 0.00 | 39.59 -1.45 0.44 | 70.29 -3.32 0.00 | 42.52 -2.43 0.00 | 33.76 -2.27 0.00 | 31.05 -1.96 0.00 | 30.14 -2.00 0.00 | 33.53 -1.62 0.00 | 32.83 -1.13 0.00 |
| BARON_WINDS___WT_PWR 323822 | 37.35 0.20 0.00 | 28.97 -0.29 0.00 | 27.84 -0.06 0.00 | 28.89 0.04 0.00 | 29.90 0.16 0.00 | 34.49 0.32 0.00 | 38.43 0.04 0.00 | 59.42 -0.04 0.00 | 33.56 0.06 0.00 | 28.18 -0.18 0.00 | 27.97 -0.16 0.00 | 27.10 -0.22 0.00 | 28.31 -0.08 0.00 | 29.67 -0.42 0.00 | 34.23 -0.37 0.00 | 36.22 -0.77 0.00 | 40.73 -0.93 -0.17 | 71.70 -1.91 0.00 | 43.56 -1.38 0.00 | 34.63 -1.40 0.00 | 31.65 -1.35 0.00 | 30.64 -1.49 0.00 | 33.55 -1.60 0.00 | 32.78 -1.19 0.00 |
| BARRETT_IC_1 23704 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 89.09 4.44 -11.04 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 50.39 2.09 -15.30 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_10 23701 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 63.37 4.44 14.68 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 6.30 2.09 28.79 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_11 23702 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 63.37 4.44 14.68 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 6.30 2.09 28.79 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_12 23703 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 63.37 4.44 14.68 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 6.30 2.09 28.79 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_2 23705 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 89.09 4.44 -11.04 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 50.39 2.09 -15.30 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_3 23706 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 89.09 4.44 -11.04 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 50.39 2.09 -15.30 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_4 23707 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 89.09 4.44 -11.04 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 50.39 2.09 -15.30 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |

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| BARRETT_IC_5 23708 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 89.09 4.44 -11.04 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 50.39 2.09 -15.30 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_6 23709 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 89.09 4.44 -11.04 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 50.39 2.09 -15.30 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_7 23710 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.07 1.91 0.00 | 40.71 2.32 0.00 | 63.08 3.61 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.91 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.51 2.49 -5.53 | 89.11 4.46 -11.04 | 52.51 2.76 -4.81 | 58.87 2.25 -20.59 | 50.40 2.09 -15.30 | 36.01 2.08 -1.79 | 37.05 1.91 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_8 23711 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 89.09 4.44 -11.04 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 50.39 2.09 -15.30 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT_IC_9 23700 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 63.37 4.44 14.68 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 6.30 2.09 28.79 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT___1 23545 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 89.09 4.44 -11.04 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 50.39 2.09 -15.30 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BARRETT___2 23546 | 39.19 2.03 0.00 | 30.89 1.63 0.00 | 29.24 1.35 0.00 | 30.22 1.38 0.00 | 31.21 1.48 0.00 | 36.08 1.92 0.00 | 40.71 2.32 0.00 | 63.09 3.62 0.00 | 35.64 2.14 0.00 | 30.16 1.80 0.00 | 30.17 2.04 0.00 | 29.24 1.92 0.00 | 30.41 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.21 0.00 | 39.32 2.32 0.00 | 49.52 2.50 -5.53 | 63.37 4.44 14.68 | 52.52 2.77 -4.81 | 58.87 2.25 -20.59 | 6.30 2.09 28.79 | 36.01 2.08 -1.79 | 37.05 1.90 0.00 | 35.77 1.80 0.00 |
| BATAVIA__115KV_TB1 55881 | 37.48 0.32 0.00 | 29.19 -0.07 0.00 | 27.97 0.08 0.00 | 29.02 0.17 0.00 | 29.95 0.22 0.00 | 34.32 0.16 0.00 | 37.96 -0.43 0.00 | 59.05 -0.42 0.00 | 33.45 -0.05 0.00 | 28.21 -0.15 0.00 | 27.86 -0.27 0.00 | 27.03 -0.30 0.00 | 28.23 -0.16 0.00 | 29.58 -0.51 0.00 | 34.16 -0.44 0.00 | 36.31 -0.69 0.00 | 40.83 -0.66 0.00 | 72.00 -1.61 0.00 | 43.66 -1.28 0.00 | 34.72 -1.30 0.00 | 31.83 -1.17 0.00 | 30.90 -1.23 0.00 | 34.23 -0.91 0.00 | 33.49 -0.47 0.00 |
| BAYONEEC___CTG1 323682 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |
| BAYONEEC___CTG10 323750 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |
| BAYONEEC___CTG2 323683 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |
| BAYONEEC___CTG3 323684 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |
| BAYONEEC___CTG4 323685 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |
| BAYONEEC___CTG5 323686 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |
| BAYONEEC___CTG6 323687 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |
| BAYONEEC___CTG8 323689 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |
| BAYONEEC___CTG9 323749 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.38 1.48 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.19 2.02 0.00 | 40.80 2.41 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.13 0.00 | 29.37 2.05 0.00 | 30.50 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.08 2.58 0.00 | 78.32 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.83 1.86 0.00 |
| BEACON___LESR 323632 | 38.02 0.86 0.00 | 29.99 0.73 0.00 | 28.59 0.70 0.00 | 29.56 0.71 0.00 | 30.47 0.74 0.00 | 35.23 1.07 0.00 | 39.79 1.40 0.00 | 61.61 2.14 0.00 | 34.59 1.10 0.00 | 29.14 0.78 0.00 | 28.89 0.76 0.00 | 28.04 0.71 0.00 | 29.10 0.71 0.00 | 30.92 0.83 0.00 | 35.55 0.95 0.00 | 38.02 1.02 0.00 | 42.65 1.16 0.00 | 75.76 2.16 0.00 | 46.25 1.31 0.00 | 37.13 1.10 0.00 | 34.03 1.02 0.00 | 33.21 1.07 0.00 | 36.07 0.93 0.00 | 34.75 0.79 0.00 |
| BEAVER RIVER___HYD 24048 | 36.86 -0.30 0.00 | 29.04 -0.22 0.00 | 27.62 -0.27 0.00 | 28.54 -0.30 0.00 | 29.36 -0.37 0.00 | 33.91 -0.26 0.00 | 38.59 0.20 0.00 | 59.85 0.39 0.00 | 33.46 -0.04 0.00 | 28.14 -0.22 0.00 | 27.79 -0.34 0.00 | 27.03 -0.29 0.00 | 28.17 -0.22 0.00 | 29.75 -0.34 0.00 | 34.30 -0.30 0.00 | 37.15 0.16 0.00 | 42.27 0.78 0.00 | 75.24 1.63 0.00 | 45.92 0.98 0.00 | 36.61 0.58 0.00 | 33.41 0.41 0.00 | 32.14 0.00 0.00 | 35.13 -0.02 0.00 | 33.75 -0.21 0.00 |
| BEEBEE_GT_13 23619 | 36.89 -0.27 0.00 | 28.81 -0.45 0.00 | 27.56 -0.33 0.00 | 28.56 -0.28 0.00 | 29.45 -0.28 0.00 | 33.76 -0.41 0.00 | 37.55 -0.84 0.00 | 58.22 -1.25 0.00 | 32.91 -0.58 0.00 | 27.87 -0.49 0.00 | 27.61 -0.52 0.00 | 26.83 -0.49 0.00 | 27.99 -0.40 0.00 | 29.40 -0.69 0.00 | 33.82 -0.79 0.00 | 35.91 -1.08 0.00 | 40.30 -1.18 0.00 | 71.28 -2.33 0.00 | 43.33 -1.62 0.00 | 34.56 -1.47 0.00 | 31.66 -1.34 0.00 | 30.76 -1.37 0.00 | 33.99 -1.16 0.00 | 33.09 -0.88 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 39.85 2.69 0.00 | 31.31 2.05 0.00 | 29.67 1.78 0.00 | 30.62 1.77 0.00 | 31.64 1.90 0.00 | 36.51 2.35 0.00 | 41.19 2.80 0.00 | 63.85 4.38 0.00 | 36.08 2.58 0.00 | 30.67 2.31 0.00 | 30.45 2.32 0.00 | 29.57 2.25 0.00 | 30.70 2.31 0.00 | 32.43 2.34 0.00 | 37.14 2.53 0.00 | 39.65 2.65 0.00 | 44.40 2.91 0.00 | 78.91 5.30 0.00 | 48.31 3.37 0.00 | 38.78 2.75 0.00 | 35.42 2.42 0.00 | 34.49 2.35 0.00 | 37.32 2.18 0.00 | 36.08 2.11 0.00 |
| BETHLEHEM___GRP 23843 | 37.38 0.22 0.00 | 29.52 0.26 0.00 | 28.13 0.24 0.00 | 29.07 0.22 0.00 | 29.97 0.24 0.00 | 34.54 0.37 0.00 | 38.95 0.56 0.00 | 60.32 0.85 0.00 | 33.97 0.47 0.00 | 28.66 0.30 0.00 | 28.45 0.31 0.00 | 27.65 0.32 0.00 | 28.66 0.27 0.00 | 30.36 0.28 0.00 | 34.90 0.30 0.00 | 37.37 0.37 0.00 | 41.80 0.32 0.00 | 74.11 0.50 0.00 | 45.29 0.35 0.00 | 36.39 0.37 0.00 | 33.38 0.38 0.00 | 32.58 0.44 0.00 | 35.44 0.29 0.00 | 34.20 0.24 0.00 |
| BETHLEHEM___GS1 323560 | 37.38 0.22 0.00 | 29.52 0.25 0.00 | 28.13 0.24 0.00 | 29.07 0.22 0.00 | 29.97 0.24 0.00 | 34.54 0.38 0.00 | 38.95 0.56 0.00 | 60.31 0.85 0.00 | 33.97 0.47 0.00 | 28.66 0.30 0.00 | 28.44 0.31 0.00 | 27.64 0.32 0.00 | 28.66 0.27 0.00 | 30.36 0.28 0.00 | 34.91 0.30 0.00 | 37.37 0.37 0.00 | 41.81 0.32 0.00 | 74.11 0.50 0.00 | 45.29 0.35 0.00 | 36.39 0.37 0.00 | 33.38 0.38 0.00 | 32.58 0.44 0.00 | 35.44 0.29 0.00 | 34.20 0.24 0.00 |
| BETHLEHEM___GS2 323561 | 37.38 0.22 0.00 | 29.52 0.25 0.00 | 28.13 0.24 0.00 | 29.07 0.22 0.00 | 29.97 0.24 0.00 | 34.54 0.38 0.00 | 38.95 0.56 0.00 | 60.31 0.85 0.00 | 33.97 0.47 0.00 | 28.66 0.30 0.00 | 28.44 0.31 0.00 | 27.64 0.32 0.00 | 28.66 0.27 0.00 | 30.36 0.28 0.00 | 34.91 0.30 0.00 | 37.37 0.37 0.00 | 41.81 0.32 0.00 | 74.11 0.50 0.00 | 45.29 0.35 0.00 | 36.39 0.37 0.00 | 33.38 0.38 0.00 | 32.58 0.44 0.00 | 35.44 0.29 0.00 | 34.20 0.24 0.00 |
| BETHLEHEM___GS3 323562 | 37.38 0.22 0.00 | 29.52 0.25 0.00 | 28.13 0.24 0.00 | 29.07 0.22 0.00 | 29.97 0.24 0.00 | 34.54 0.38 0.00 | 38.95 0.56 0.00 | 60.31 0.85 0.00 | 33.97 0.47 0.00 | 28.66 0.30 0.00 | 28.44 0.31 0.00 | 27.64 0.32 0.00 | 28.66 0.27 0.00 | 30.36 0.28 0.00 | 34.91 0.30 0.00 | 37.37 0.37 0.00 | 41.81 0.32 0.00 | 74.11 0.50 0.00 | 45.29 0.35 0.00 | 36.39 0.37 0.00 | 33.38 0.38 0.00 | 32.58 0.44 0.00 | 35.44 0.29 0.00 | 34.20 0.24 0.00 |
| BETHLEHEM___STEEL 23779 | 37.37 0.21 0.00 | 29.05 -0.21 0.00 | 27.87 -0.02 0.00 | 28.92 0.08 0.00 | 29.83 0.10 0.00 | 34.10 -0.07 0.00 | 37.57 -0.82 0.00 | 58.08 -1.39 0.00 | 32.98 -0.52 0.00 | 27.99 -0.37 0.00 | 27.75 -0.38 0.00 | 26.98 -0.35 0.00 | 28.24 -0.15 0.00 | 29.54 -0.55 0.00 | 33.95 -0.66 0.00 | 35.74 -1.26 0.00 | 40.01 -1.48 0.00 | 70.30 -3.31 0.00 | 42.60 -2.34 0.00 | 33.88 -2.15 0.00 | 31.12 -1.88 0.00 | 30.22 -1.91 0.00 | 33.60 -1.55 0.00 | 32.91 -1.06 0.00 |
| BETHLHEM_115KV_TB1 79974 | 37.49 0.33 0.00 | 29.60 0.33 0.00 | 28.20 0.31 0.00 | 29.15 0.30 0.00 | 30.05 0.32 0.00 | 34.62 0.46 0.00 | 39.04 0.65 0.00 | 60.47 1.01 0.00 | 34.07 0.57 0.00 | 28.74 0.38 0.00 | 28.52 0.39 0.00 | 27.71 0.38 0.00 | 28.73 0.35 0.00 | 30.45 0.35 0.00 | 35.00 0.39 0.00 | 37.46 0.47 0.00 | 41.91 0.42 0.00 | 74.32 0.71 0.00 | 45.43 0.48 0.00 | 36.49 0.46 0.00 | 33.46 0.46 0.00 | 32.65 0.51 0.00 | 35.53 0.39 0.00 | 34.29 0.32 0.00 |
| BETHPAGE_CC_5 323564 | 39.54 2.38 0.00 | 31.19 1.93 0.00 | 29.50 1.60 0.00 | 30.50 1.65 0.00 | 31.49 1.75 0.00 | 36.42 2.26 0.00 | 41.19 2.80 0.00 | 63.89 4.43 0.00 | 36.03 2.53 0.00 | 30.42 2.06 0.00 | 30.42 2.29 0.00 | 29.48 2.16 0.00 | 30.66 2.28 0.00 | 32.43 2.34 0.00 | 37.14 2.53 0.00 | 39.68 2.67 0.00 | 50.83 3.01 -6.33 | 88.72 5.48 -9.63 | 53.81 3.37 -5.51 | 62.33 2.72 -23.58 | 47.89 2.52 -12.37 | 36.70 2.52 -2.05 | 37.48 2.34 0.00 | 36.17 2.21 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 37.57 0.41 0.00 | 29.19 -0.07 0.00 | 28.01 0.12 0.00 | 29.06 0.22 0.00 | 29.98 0.25 0.00 | 34.27 0.10 0.00 | 37.77 -0.62 0.00 | 58.43 -1.03 0.00 | 33.18 -0.33 0.00 | 28.17 -0.19 0.00 | 27.93 -0.20 0.00 | 27.15 -0.17 0.00 | 28.43 0.05 0.00 | 29.72 -0.37 0.00 | 34.15 -0.46 0.00 | 35.94 -1.05 0.00 | 40.26 -1.23 0.00 | 70.76 -2.85 0.00 | 42.88 -2.06 0.00 | 34.11 -1.92 0.00 | 31.31 -1.69 0.00 | 30.41 -1.72 0.00 | 33.78 -1.36 0.00 | 33.08 -0.89 0.00 |

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| BINGHAMTON___COGEN 23790 | 37.70 0.54 0.00 | 29.50 0.24 0.00 | 28.17 0.28 0.00 | 29.16 0.31 0.00 | 30.12 0.39 0.00 | 34.72 0.55 0.00 | 38.98 0.59 0.00 | 60.39 0.93 0.00 | 34.07 0.57 0.00 | 28.74 0.38 0.00 | 28.52 0.39 0.00 | 27.69 0.36 0.00 | 28.82 0.43 0.00 | 30.34 0.25 0.00 | 34.96 0.36 0.00 | 37.24 0.25 0.00 | 41.80 0.31 0.00 | 74.22 0.61 0.00 | 45.27 0.32 0.00 | 36.20 0.17 0.00 | 33.15 0.15 0.00 | 32.20 0.07 0.00 | 35.16 0.02 0.00 | 34.08 0.11 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 38.27 1.12 0.00 | 29.73 0.47 0.00 | 28.52 0.62 0.00 | 29.61 0.77 0.00 | 30.58 0.85 0.00 | 35.00 0.84 0.00 | 38.67 0.28 0.00 | 59.99 0.52 0.00 | 33.94 0.44 0.00 | 28.92 0.56 0.00 | 28.72 0.59 0.00 | 27.93 0.61 0.00 | 29.24 0.85 0.00 | 30.50 0.41 0.00 | 34.90 0.29 0.00 | 36.71 -0.29 0.00 | 41.02 -0.47 0.00 | 72.07 -1.54 0.00 | 43.62 -1.33 0.00 | 34.71 -1.31 0.00 | 31.58 -1.42 0.00 | 30.88 -1.25 0.00 | 34.01 -1.13 0.00 | 33.26 -0.71 0.00 |
| BLACK RIVER___HYD 24047 | 37.03 -0.12 0.00 | 29.16 -0.11 0.00 | 27.78 -0.11 0.00 | 28.72 -0.13 0.00 | 29.57 -0.17 0.00 | 34.09 -0.07 0.00 | 38.82 0.43 0.00 | 60.28 0.81 0.00 | 33.62 0.12 0.00 | 28.09 -0.27 0.00 | 27.64 -0.49 0.00 | 26.87 -0.46 0.00 | 27.98 -0.41 0.00 | 29.50 -0.59 0.00 | 33.96 -0.64 0.00 | 37.03 0.03 0.00 | 42.29 0.80 0.00 | 75.37 1.76 0.00 | 45.97 1.03 0.00 | 36.67 0.65 0.00 | 33.46 0.46 0.00 | 32.17 0.04 0.00 | 35.13 -0.02 0.00 | 33.72 -0.24 0.00 |
| BLACKRVR_115KV_TB2 79977 | 37.03 -0.12 0.00 | 29.15 -0.11 0.00 | 27.78 -0.11 0.00 | 28.72 -0.13 0.00 | 29.57 -0.17 0.00 | 34.09 -0.07 0.00 | 38.82 0.43 0.00 | 60.28 0.81 0.00 | 33.62 0.12 0.00 | 28.09 -0.27 0.00 | 27.64 -0.49 0.00 | 26.87 -0.46 0.00 | 27.98 -0.41 0.00 | 29.50 -0.59 0.00 | 33.96 -0.64 0.00 | 37.03 0.03 0.00 | 42.29 0.81 0.00 | 75.37 1.76 0.00 | 45.97 1.03 0.00 | 36.68 0.65 0.00 | 33.46 0.46 0.00 | 32.17 0.04 0.00 | 35.13 -0.02 0.00 | 33.72 -0.24 0.00 |
| BLISS_WT_PWR 323608 | 38.31 1.15 0.00 | 29.76 0.50 0.00 | 28.55 0.66 0.00 | 29.65 0.81 0.00 | 30.62 0.88 0.00 | 35.03 0.86 0.00 | 38.75 0.36 0.00 | 60.08 0.62 0.00 | 33.99 0.48 0.00 | 28.98 0.62 0.00 | 28.77 0.63 0.00 | 27.98 0.65 0.00 | 29.27 0.89 0.00 | 30.54 0.45 0.00 | 34.93 0.32 0.00 | 36.74 -0.26 0.00 | 40.41 -0.50 0.59 | 72.06 -1.55 0.00 | 43.59 -1.35 0.00 | 34.69 -1.34 0.00 | 31.49 -1.51 0.00 | 30.84 -1.30 0.00 | 33.91 -1.23 0.00 | 33.15 -0.81 0.00 |
| BLUESTONE___WT_PWR 323821 | 37.96 0.80 0.00 | 30.07 0.81 0.00 | 28.32 0.43 0.00 | 29.49 0.65 0.00 | 30.52 0.78 0.00 | 35.59 1.42 0.00 | 40.45 2.06 0.00 | 62.95 3.49 0.00 | 35.52 2.02 0.00 | 29.99 1.63 0.00 | 29.77 1.64 0.00 | 28.87 1.54 0.00 | 29.99 1.60 0.00 | 31.63 1.54 0.00 | 36.63 2.03 0.00 | 39.34 2.34 0.00 | 44.34 2.73 -0.12 | 78.35 4.75 0.00 | 47.62 2.68 0.00 | 37.57 1.54 0.00 | 34.26 1.26 0.00 | 32.80 0.66 0.00 | 35.53 0.38 0.00 | 34.35 0.39 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 37.91 0.76 0.00 | 29.93 0.67 0.00 | 28.54 0.64 0.00 | 29.50 0.66 0.00 | 30.42 0.69 0.00 | 35.03 0.87 0.00 | 39.48 1.09 0.00 | 61.07 1.61 0.00 | 34.29 0.79 0.00 | 28.84 0.48 0.00 | 28.59 0.47 0.00 | 27.79 0.47 0.00 | 28.84 0.45 0.00 | 30.56 0.47 0.00 | 35.21 0.61 0.00 | 37.80 0.80 0.00 | 42.34 0.85 0.00 | 75.01 1.41 0.00 | 45.87 0.93 0.00 | 36.84 0.81 0.00 | 33.79 0.79 0.00 | 32.94 0.81 0.00 | 35.89 0.74 0.00 | 34.65 0.69 0.00 |
| BOC_GAS_DRP 24189 | 37.77 0.61 0.00 | 29.80 0.54 0.00 | 28.39 0.49 0.00 | 29.35 0.50 0.00 | 30.27 0.53 0.00 | 34.85 0.69 0.00 | 39.26 0.87 0.00 | 60.79 1.32 0.00 | 34.27 0.77 0.00 | 28.95 0.59 0.00 | 28.71 0.58 0.00 | 27.89 0.57 0.00 | 28.93 0.55 0.00 | 30.65 0.56 0.00 | 35.23 0.62 0.00 | 37.68 0.69 0.00 | 42.17 0.68 0.00 | 74.79 1.18 0.00 | 45.73 0.79 0.00 | 36.72 0.70 0.00 | 33.66 0.65 0.00 | 32.81 0.68 0.00 | 35.73 0.58 0.00 | 34.50 0.54 0.00 |
| BOONVILLE_115KV_TB1 79983 | 37.67 0.51 0.00 | 29.66 0.40 0.00 | 28.29 0.39 0.00 | 29.26 0.41 0.00 | 30.16 0.42 0.00 | 34.79 0.62 0.00 | 39.36 0.97 0.00 | 61.03 1.57 0.00 | 34.23 0.73 0.00 | 28.81 0.45 0.00 | 28.50 0.38 0.00 | 27.67 0.35 0.00 | 28.76 0.37 0.00 | 30.41 0.32 0.00 | 35.06 0.46 0.00 | 37.82 0.82 0.00 | 42.71 1.22 0.00 | 75.91 2.30 0.00 | 46.32 1.37 0.00 | 37.01 0.98 0.00 | 33.83 0.83 0.00 | 32.72 0.59 0.00 | 35.72 0.58 0.00 | 34.41 0.44 0.00 |
| BORALEX_4TH_BRANCH 23824 | 39.28 2.12 0.00 | 31.12 1.86 0.00 | 29.69 1.79 0.00 | 30.74 1.90 0.00 | 31.61 1.87 0.00 | 36.41 2.24 0.00 | 41.06 2.67 0.00 | 63.57 4.11 0.00 | 35.78 2.28 0.00 | 29.99 1.63 0.00 | 29.67 1.55 0.00 | 28.77 1.44 0.00 | 29.91 1.52 0.00 | 31.88 1.79 0.00 | 36.63 2.03 0.00 | 39.15 2.15 0.00 | 43.54 2.05 0.00 | 77.04 3.43 0.00 | 47.14 2.20 0.00 | 37.96 1.94 0.00 | 35.07 2.07 0.00 | 34.29 2.15 0.00 | 37.29 2.14 0.00 | 35.99 2.03 0.00 |
| BOWLINE___1 23526 | 39.01 1.86 0.00 | 30.67 1.41 0.00 | 29.10 1.21 0.00 | 30.05 1.21 0.00 | 31.08 1.34 0.00 | 35.93 1.77 0.00 | 40.54 2.15 0.00 | 62.93 3.46 0.00 | 35.46 1.96 0.00 | 30.07 1.71 0.00 | 29.87 1.74 0.00 | 29.00 1.67 0.00 | 30.10 1.71 0.00 | 31.79 1.70 0.00 | 36.49 1.89 0.00 | 38.94 1.94 0.00 | 43.64 2.16 0.00 | 77.65 4.05 0.00 | 47.47 2.53 0.00 | 38.07 2.04 0.00 | 34.80 1.80 0.00 | 33.87 1.74 0.00 | 36.69 1.54 0.00 | 35.43 1.46 0.00 |
| BOWLINE___2 23595 | 39.01 1.86 0.00 | 30.68 1.41 0.00 | 29.10 1.21 0.00 | 30.05 1.21 0.00 | 31.08 1.34 0.00 | 35.93 1.77 0.00 | 40.54 2.15 0.00 | 62.93 3.46 0.00 | 35.46 1.96 0.00 | 30.07 1.71 0.00 | 29.87 1.74 0.00 | 29.00 1.67 0.00 | 30.10 1.71 0.00 | 31.79 1.70 0.00 | 36.49 1.89 0.00 | 38.94 1.94 0.00 | 43.65 2.16 0.00 | 77.66 4.05 0.00 | 47.47 2.53 0.00 | 38.07 2.04 0.00 | 34.80 1.80 0.00 | 33.87 1.74 0.00 | 36.69 1.54 0.00 | 35.43 1.46 0.00 |
| BRADY___115KV_TB2 356060 | 35.64 -1.52 0.00 | 28.11 -1.15 0.00 | 26.65 -1.24 0.00 | 27.51 -1.34 0.00 | 28.08 -1.65 0.00 | 32.55 -1.62 0.00 | 37.02 -1.37 0.00 | 57.16 -2.31 0.00 | 31.90 -1.60 0.00 | 27.70 -0.66 0.00 | 27.74 -0.39 0.00 | 27.23 -0.09 0.00 | 28.52 0.14 0.00 | 30.13 0.04 0.00 | 34.79 0.18 0.00 | 36.92 -0.08 0.00 | 41.85 0.36 0.00 | 74.40 0.79 0.00 | 45.33 0.38 0.00 | 36.01 -0.01 0.00 | 32.98 -0.02 0.00 | 31.89 -0.25 0.00 | 35.39 0.24 0.00 | 34.09 0.12 0.00 |
| BRANSCOMB___SOLAR 323811 | 38.71 1.55 0.00 | 30.57 1.31 0.00 | 29.14 1.24 0.00 | 30.18 1.33 0.00 | 31.15 1.42 0.00 | 35.90 1.74 0.00 | 40.51 2.12 0.00 | 62.77 3.31 0.00 | 35.23 1.73 0.00 | 29.49 1.13 0.00 | 29.18 1.05 0.00 | 28.29 0.96 0.00 | 29.39 1.00 0.00 | 31.28 1.19 0.00 | 36.01 1.41 0.00 | 38.61 1.62 0.00 | 43.31 1.82 0.00 | 76.81 3.20 0.00 | 46.99 2.05 0.00 | 37.76 1.74 0.00 | 34.66 1.65 0.00 | 33.81 1.67 0.00 | 36.82 1.68 0.00 | 35.49 1.52 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 39.80 2.64 0.00 | 31.43 2.17 0.00 | 29.70 1.81 0.00 | 30.73 1.88 0.00 | 31.70 1.96 0.00 | 36.66 2.50 0.00 | 41.51 3.12 0.00 | 64.29 4.83 0.00 | 36.22 2.71 0.00 | 30.51 2.15 0.00 | 30.60 2.47 0.00 | 29.67 2.34 0.00 | 30.87 2.49 0.00 | 32.64 2.55 0.00 | 37.37 2.76 0.00 | 40.07 3.07 0.00 | 50.39 3.40 -5.50 | 87.80 6.12 -8.07 | 53.56 3.84 -4.79 | 59.67 3.15 -20.50 | 46.16 2.93 -10.23 | 36.77 2.85 -1.79 | 37.86 2.72 0.00 | 36.58 2.62 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 36.71 -0.45 0.00 | 28.84 -0.42 0.00 | 27.50 -0.40 0.00 | 28.44 -0.41 0.00 | 29.32 -0.42 0.00 | 33.60 -0.57 0.00 | 37.65 -0.74 0.00 | 58.36 -1.10 0.00 | 32.85 -0.65 0.00 | 27.80 -0.56 0.00 | 27.54 -0.58 0.00 | 26.74 -0.59 0.00 | 27.78 -0.61 0.00 | 29.32 -0.77 0.00 | 33.73 -0.88 0.00 | 36.13 -0.87 0.00 | 40.61 -0.88 0.00 | 72.07 -1.54 0.00 | 43.96 -0.98 0.00 | 35.20 -0.83 0.00 | 32.25 -0.75 0.00 | 31.38 -0.76 0.00 | 34.47 -0.68 0.00 | 33.36 -0.61 0.00 |
| BROOKHAVEN___DRP 24191 | 39.33 2.17 0.00 | 31.25 1.99 0.00 | 29.45 1.55 0.00 | 30.48 1.63 0.00 | 31.37 1.64 0.00 | 36.29 2.12 0.00 | 40.92 2.54 0.00 | 63.20 3.74 0.00 | 35.58 2.08 0.00 | 29.84 1.48 0.00 | 30.20 2.07 0.00 | 29.29 1.97 0.00 | 30.59 2.20 0.00 | 32.21 2.12 0.00 | 36.64 2.03 0.00 | 39.55 2.54 0.00 | 50.06 3.16 -5.41 | 87.06 5.57 -7.89 | 52.86 3.21 -4.71 | 59.04 2.85 -20.16 | 45.66 2.69 -9.97 | 36.59 2.70 -1.76 | 37.90 2.76 0.00 | 36.58 2.62 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 39.36 2.20 0.00 | 30.94 1.67 0.00 | 29.31 1.42 0.00 | 30.22 1.37 0.00 | 31.21 1.48 0.00 | 36.06 1.90 0.00 | 40.66 2.28 0.00 | 63.18 3.71 0.00 | 35.68 2.18 0.00 | 30.34 1.98 0.00 | 30.14 2.01 0.00 | 29.27 1.95 0.00 | 30.39 2.00 0.00 | 32.11 2.02 0.00 | 36.77 2.17 0.00 | 39.19 2.20 0.00 | 43.91 2.42 0.00 | 78.65 4.44 -0.60 | 47.74 2.80 0.00 | 38.31 2.28 0.00 | 36.04 2.01 -1.03 | -6.57 1.96 40.67 | 36.93 1.79 0.01 | 35.69 1.73 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 39.58 2.42 0.00 | 31.17 1.91 0.00 | 29.53 1.63 0.00 | 30.51 1.67 0.00 | 31.53 1.79 0.00 | 36.45 2.29 0.00 | 41.19 2.80 0.00 | 63.94 4.48 0.00 | 36.08 2.58 0.00 | 30.54 2.17 0.00 | 30.45 2.32 0.00 | 29.53 2.20 0.00 | 30.69 2.31 0.00 | 32.46 2.37 0.00 | 37.21 2.61 0.00 | 39.73 2.73 0.00 | 53.41 3.04 -8.88 | 93.64 5.56 -14.47 | 56.08 3.41 -7.72 | 71.88 2.76 -33.09 | 54.51 2.52 -18.98 | 37.47 2.45 -2.88 | 37.43 2.29 0.00 | 36.13 2.16 0.00 |
| BROOME_2_LFGE 323671 | 37.70 0.54 0.00 | 29.50 0.23 0.00 | 28.17 0.28 0.00 | 29.16 0.31 0.00 | 30.12 0.39 0.00 | 34.71 0.55 0.00 | 38.98 0.58 0.00 | 60.39 0.92 0.00 | 34.06 0.56 0.00 | 28.74 0.38 0.00 | 28.52 0.39 0.00 | 27.69 0.36 0.00 | 28.82 0.43 0.00 | 30.35 0.26 0.00 | 34.96 0.36 0.00 | 37.24 0.24 0.00 | 41.96 0.31 -0.16 | 74.25 0.64 0.00 | 45.27 0.32 0.00 | 36.20 0.17 0.00 | 33.16 0.16 0.00 | 32.20 0.06 0.00 | 35.17 0.02 0.00 | 34.08 0.11 0.00 |
| BROOME___LFGE 323600 | 37.70 0.54 0.00 | 29.50 0.23 0.00 | 28.17 0.28 0.00 | 29.16 0.31 0.00 | 30.12 0.39 0.00 | 34.71 0.55 0.00 | 38.98 0.58 0.00 | 60.39 0.92 0.00 | 34.06 0.56 0.00 | 28.74 0.38 0.00 | 28.52 0.39 0.00 | 27.69 0.36 0.00 | 28.82 0.43 0.00 | 30.35 0.26 0.00 | 34.96 0.36 0.00 | 37.24 0.24 0.00 | 41.96 0.31 -0.16 | 74.25 0.64 0.00 | 45.27 0.32 0.00 | 36.20 0.17 0.00 | 33.16 0.16 0.00 | 32.20 0.06 0.00 | 35.17 0.02 0.00 | 34.08 0.11 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 36.16 -1.00 0.00 | 28.51 -0.75 0.00 | 27.07 -0.83 0.00 | 27.94 -0.91 0.00 | 28.67 -1.07 0.00 | 33.15 -1.02 0.00 | 37.72 -0.67 0.00 | 58.42 -1.04 0.00 | 32.72 -0.78 0.00 | 27.93 -0.43 0.00 | 27.74 -0.39 0.00 | 27.07 -0.26 0.00 | 28.27 -0.12 0.00 | 29.86 -0.23 0.00 | 34.45 -0.15 0.00 | 37.01 0.01 0.00 | 41.99 0.50 0.00 | 74.76 1.15 0.00 | 45.61 0.67 0.00 | 36.31 0.29 0.00 | 33.17 0.17 0.00 | 31.97 -0.17 0.00 | 35.15 0.01 0.00 | 33.81 -0.16 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 39.76 2.61 0.00 | 31.24 1.98 0.00 | 29.61 1.72 0.00 | 30.55 1.70 0.00 | 31.56 1.82 0.00 | 36.47 2.30 0.00 | 41.15 2.76 0.00 | 63.97 4.51 0.00 | 36.14 2.64 0.00 | 30.71 2.35 0.00 | 30.53 2.40 0.00 | 29.64 2.31 0.00 | 30.78 2.39 0.00 | 32.51 2.43 0.00 | 37.24 2.64 0.00 | 39.69 2.70 0.00 | 44.47 2.99 0.00 | 79.07 5.46 0.00 | 48.35 3.41 0.00 | 38.80 2.77 0.00 | 35.46 2.46 0.00 | 34.53 2.40 0.00 | 37.41 2.26 0.00 | 36.13 2.16 0.00 |
| BURROWS___LYONSDAL 23803 | 37.50 0.34 0.00 | 29.54 0.28 0.00 | 28.15 0.26 0.00 | 29.11 0.26 0.00 | 30.00 0.26 0.00 | 34.61 0.45 0.00 | 39.22 0.83 0.00 | 60.84 1.37 0.00 | 34.09 0.59 0.00 | 28.66 0.30 0.00 | 28.35 0.22 0.00 | 27.53 0.20 0.00 | 28.62 0.24 0.00 | 30.27 0.18 0.00 | 34.90 0.29 0.00 | 37.68 0.68 0.00 | 42.61 1.13 0.00 | 75.77 2.17 0.00 | 46.24 1.30 0.00 | 36.93 0.90 0.00 | 33.75 0.74 0.00 | 32.58 0.44 0.00 | 35.55 0.41 0.00 | 34.22 0.26 0.00 |
| CAITHNESS_CC_1 323624 | 39.32 2.17 0.00 | 31.20 1.94 0.00 | 29.42 1.53 0.00 | 30.45 1.61 0.00 | 31.35 1.61 0.00 | 36.27 2.11 0.00 | 40.95 2.56 0.00 | 63.26 3.80 0.00 | 35.62 2.12 0.00 | 29.92 1.56 0.00 | 30.20 2.07 0.00 | 29.29 1.97 0.00 | 30.56 2.17 0.00 | 32.21 2.12 0.00 | 36.70 2.10 0.00 | 39.55 2.55 0.00 | 49.99 3.09 -5.41 | 86.95 5.46 -7.88 | 52.85 3.21 -4.71 | 58.97 2.79 -20.15 | 45.59 2.62 -9.97 | 36.51 2.62 -1.75 | 37.77 2.63 0.00 | 36.47 2.51 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 39.53 2.38 0.00 | 31.18 1.91 0.00 | 29.49 1.60 0.00 | 30.49 1.64 0.00 | 31.48 1.74 0.00 | 36.41 2.25 0.00 | 41.19 2.80 0.00 | 63.88 4.41 0.00 | 36.02 2.52 0.00 | 30.42 2.06 0.00 | 30.40 2.27 0.00 | 29.48 2.15 0.00 | 30.65 2.26 0.00 | 32.42 2.33 0.00 | 37.13 2.52 0.00 | 39.59 2.59 0.00 | 51.13 2.90 -6.75 | 89.37 5.33 -10.44 | 54.08 3.27 -5.87 | 63.80 2.64 -25.13 | 48.92 2.44 -13.47 | 36.82 2.50 -2.19 | 37.45 2.31 0.00 | 36.16 2.20 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 39.53 2.37 0.00 | 31.18 1.91 0.00 | 29.49 1.60 0.00 | 30.49 1.64 0.00 | 31.48 1.74 0.00 | 36.42 2.25 0.00 | 41.19 2.80 0.00 | 63.88 4.42 0.00 | 36.02 2.52 0.00 | 30.42 2.06 0.00 | 30.40 2.27 0.00 | 29.48 2.15 0.00 | 30.65 2.26 0.00 | 32.42 2.33 0.00 | 37.13 2.52 0.00 | 39.60 2.59 0.00 | 51.14 2.91 -6.75 | 89.36 5.32 -10.44 | 54.07 3.26 -5.87 | 63.80 2.64 -25.13 | 48.92 2.45 -13.47 | 36.82 2.50 -2.19 | 37.46 2.32 0.00 | 36.16 2.20 0.00 |
| CALPINE_BP_GT1 23823 | 39.53 2.37 0.00 | 31.18 1.91 0.00 | 29.49 1.60 0.00 | 30.49 1.64 0.00 | 31.48 1.74 0.00 | 36.42 2.25 0.00 | 41.19 2.80 0.00 | 63.88 4.42 0.00 | 36.02 2.52 0.00 | 30.42 2.06 0.00 | 30.40 2.27 0.00 | 29.48 2.15 0.00 | 30.65 2.26 0.00 | 32.42 2.33 0.00 | 37.13 2.52 0.00 | 39.60 2.59 0.00 | 51.14 2.91 -6.75 | 89.36 5.32 -10.44 | 54.07 3.26 -5.87 | 63.80 2.64 -25.13 | 48.92 2.45 -13.47 | 36.82 2.50 -2.19 | 37.46 2.32 0.00 | 36.16 2.20 0.00 |
| CALSPAN___DRP 24200 | 37.37 0.21 0.00 | 29.05 -0.21 0.00 | 27.87 -0.02 0.00 | 28.92 0.08 0.00 | 29.83 0.10 0.00 | 34.10 -0.07 0.00 | 37.57 -0.82 0.00 | 58.08 -1.39 0.00 | 32.98 -0.52 0.00 | 27.99 -0.37 0.00 | 27.75 -0.38 0.00 | 26.98 -0.35 0.00 | 28.24 -0.15 0.00 | 29.54 -0.55 0.00 | 33.95 -0.66 0.00 | 35.74 -1.26 0.00 | 40.01 -1.48 0.00 | 70.30 -3.31 0.00 | 42.60 -2.34 0.00 | 33.88 -2.15 0.00 | 31.12 -1.88 0.00 | 30.22 -1.91 0.00 | 33.60 -1.55 0.00 | 32.91 -1.06 0.00 |

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| CALVERTON___SOLAR 323806 | 39.32 2.16 0.00 | 31.28 2.02 0.00 | 29.46 1.56 0.00 | 30.49 1.65 0.00 | 31.37 1.64 0.00 | 36.31 2.15 0.00 | 40.92 2.53 0.00 | 63.16 3.69 0.00 | 35.53 2.03 0.00 | 29.78 1.41 0.00 | 30.19 2.06 0.00 | 29.29 1.97 0.00 | 30.62 2.23 0.00 | 32.21 2.12 0.00 | 36.58 1.97 0.00 | 39.57 2.56 0.00 | 50.16 3.26 -5.41 | 87.21 5.71 -7.89 | 52.91 3.26 -4.71 | 59.13 2.93 -20.16 | 45.76 2.78 -9.98 | 36.69 2.80 -1.76 | 38.04 2.90 0.00 | 36.72 2.76 0.00 |
| CANDIGU_WT_PWR 323617 | 37.35 0.20 0.00 | 28.97 -0.29 0.00 | 27.84 -0.06 0.00 | 28.89 0.04 0.00 | 29.90 0.16 0.00 | 34.49 0.32 0.00 | 38.43 0.04 0.00 | 59.42 -0.04 0.00 | 33.56 0.06 0.00 | 28.18 -0.18 0.00 | 27.97 -0.16 0.00 | 27.10 -0.22 0.00 | 28.31 -0.08 0.00 | 29.67 -0.42 0.00 | 34.23 -0.37 0.00 | 36.22 -0.77 0.00 | 40.73 -0.93 -0.17 | 71.70 -1.91 0.00 | 43.56 -1.38 0.00 | 34.63 -1.40 0.00 | 31.65 -1.35 0.00 | 30.64 -1.49 0.00 | 33.55 -1.60 0.00 | 32.78 -1.19 0.00 |
| CARR STREET_E_SYR 24060 | 37.00 -0.16 0.00 | 29.06 -0.20 0.00 | 27.74 -0.15 0.00 | 28.70 -0.15 0.00 | 29.59 -0.15 0.00 | 33.93 -0.23 0.00 | 38.03 -0.36 0.00 | 58.94 -0.52 0.00 | 33.20 -0.30 0.00 | 28.10 -0.27 0.00 | 27.87 -0.26 0.00 | 27.05 -0.28 0.00 | 28.11 -0.28 0.00 | 29.67 -0.42 0.00 | 34.10 -0.50 0.00 | 36.48 -0.52 0.00 | 40.95 -0.54 0.00 | 72.66 -0.95 0.00 | 44.31 -0.63 0.00 | 35.47 -0.56 0.00 | 32.48 -0.52 0.00 | 31.61 -0.52 0.00 | 34.71 -0.44 0.00 | 33.60 -0.36 0.00 |
| CARTHAGE___PAPER 23857 | 37.15 -0.01 0.00 | 29.26 0.00 0.00 | 27.85 -0.04 0.00 | 28.78 -0.07 0.00 | 29.63 -0.11 0.00 | 34.21 0.05 0.00 | 38.97 0.58 0.00 | 60.48 1.01 0.00 | 33.73 0.23 0.00 | 28.24 -0.12 0.00 | 27.82 -0.31 0.00 | 27.05 -0.28 0.00 | 28.18 -0.21 0.00 | 29.74 -0.35 0.00 | 34.30 -0.31 0.00 | 37.34 0.34 0.00 | 42.59 1.10 0.00 | 75.89 2.28 0.00 | 46.29 1.35 0.00 | 36.91 0.89 0.00 | 33.68 0.67 0.00 | 32.38 0.24 0.00 | 35.37 0.23 0.00 | 33.96 0.00 0.00 |
| CASSADAGA_WT_PWR 323784 | 38.46 1.30 0.00 | 29.86 0.60 0.00 | 28.63 0.74 0.00 | 29.74 0.89 0.00 | 30.69 0.96 0.00 | 35.18 1.02 0.00 | 38.81 0.42 0.00 | 59.72 0.26 0.00 | 33.63 0.13 0.00 | 28.56 0.20 0.00 | 28.53 0.40 0.00 | 27.70 0.37 0.00 | 28.90 0.52 0.00 | 30.39 0.30 0.00 | 34.83 0.22 0.00 | 36.63 -0.37 0.00 | 40.29 -0.68 0.51 | 71.05 -2.56 0.00 | 42.66 -2.29 0.00 | 33.79 -2.23 0.00 | 31.24 -1.76 0.00 | 30.13 -2.00 0.00 | 33.56 -1.59 0.00 | 32.99 -0.97 0.00 |
| CE_DUNWOOD___DRP 24194 | 39.20 2.04 0.00 | 30.83 1.57 0.00 | 29.26 1.36 0.00 | 30.20 1.36 0.00 | 31.21 1.48 0.00 | 36.06 1.90 0.00 | 40.70 2.31 0.00 | 63.19 3.72 0.00 | 35.65 2.15 0.00 | 30.24 1.88 0.00 | 30.04 1.91 0.00 | 29.16 1.83 0.00 | 30.28 1.89 0.00 | 31.99 1.90 0.00 | 36.70 2.09 0.00 | 39.16 2.16 0.00 | 43.88 2.39 0.00 | 78.01 4.40 0.00 | 47.70 2.76 0.00 | 38.27 2.24 0.00 | 34.99 1.99 0.00 | 34.06 1.93 0.00 | 36.90 1.76 0.00 | 35.64 1.68 0.00 |
| CE_MILLWOOD___DRP 24193 | 39.12 1.96 0.00 | 30.77 1.51 0.00 | 29.20 1.31 0.00 | 30.15 1.30 0.00 | 31.16 1.43 0.00 | 36.00 1.84 0.00 | 40.63 2.24 0.00 | 63.07 3.61 0.00 | 35.58 2.08 0.00 | 30.17 1.81 0.00 | 29.97 1.84 0.00 | 29.08 1.76 0.00 | 30.20 1.81 0.00 | 31.91 1.82 0.00 | 36.61 2.01 0.00 | 39.08 2.08 0.00 | 43.78 2.29 0.00 | 77.86 4.26 0.00 | 47.60 2.66 0.00 | 38.20 2.17 0.00 | 34.91 1.92 0.00 | 34.00 1.86 0.00 | 36.83 1.68 0.00 | 35.56 1.60 0.00 |
| CE_NYC2_DRP 24202 | 39.51 2.35 0.00 | 31.06 1.80 0.00 | 29.44 1.55 0.00 | 30.38 1.53 0.00 | 31.39 1.66 0.00 | 36.24 2.08 0.00 | 40.86 2.48 0.00 | 63.43 3.96 0.00 | 35.85 2.35 0.00 | 30.50 2.14 0.00 | 30.29 2.17 0.00 | 29.41 2.09 0.00 | 30.54 2.15 0.00 | 32.26 2.17 0.00 | 36.92 2.31 0.00 | 39.37 2.38 0.00 | 44.08 2.59 0.00 | 78.32 4.72 0.00 | 47.92 2.98 0.00 | 38.48 2.45 0.00 | 35.15 2.15 0.00 | 34.25 2.11 0.00 | 37.12 1.97 0.00 | 35.88 1.92 0.00 |
| CE_NYC_DRP 24195 | 39.47 2.31 0.00 | 31.02 1.76 0.00 | 29.40 1.51 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.20 2.04 0.00 | 40.83 2.44 0.00 | 63.43 3.97 0.00 | 35.85 2.34 0.00 | 30.48 2.12 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.26 2.17 0.00 | 36.96 2.36 0.00 | 39.39 2.39 0.00 | 44.12 2.64 0.00 | 78.42 4.81 0.00 | 47.94 3.00 0.00 | 38.48 2.45 0.00 | 35.15 2.15 0.00 | 34.26 2.12 0.00 | 37.13 1.98 0.00 | 35.88 1.91 0.00 |
| CHAFFEE___LFGE 323603 | 37.57 0.42 0.00 | 29.19 -0.07 0.00 | 28.01 0.12 0.00 | 29.07 0.22 0.00 | 29.98 0.25 0.00 | 34.28 0.11 0.00 | 37.85 -0.54 0.00 | 58.54 -0.93 0.00 | 33.25 -0.25 0.00 | 28.23 -0.13 0.00 | 27.97 -0.16 0.00 | 27.20 -0.13 0.00 | 28.47 0.08 0.00 | 29.77 -0.32 0.00 | 34.20 -0.40 0.00 | 36.01 -0.99 0.00 | 39.79 -1.18 0.52 | 70.98 -2.63 0.00 | 42.99 -1.96 0.00 | 34.19 -1.84 0.00 | 31.41 -1.60 0.00 | 30.52 -1.62 0.00 | 33.90 -1.24 0.00 | 33.16 -0.81 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 34.49 -2.67 0.00 | 27.31 -1.95 0.00 | 25.93 -1.96 0.00 | 26.74 -2.11 0.00 | 27.26 -2.48 0.00 | 31.59 -2.57 0.00 | 35.89 -2.50 0.00 | 55.70 -3.76 0.00 | 31.24 -2.26 0.00 | 27.19 -1.17 0.00 | 27.41 -0.72 0.00 | 26.95 -0.37 0.00 | 28.26 -0.13 0.00 | 29.90 -0.19 0.00 | 34.44 -0.16 0.00 | 36.57 -0.43 0.00 | 41.25 -0.24 0.00 | 73.18 -0.43 0.00 | 44.63 -0.31 0.00 | 35.49 -0.54 0.00 | 32.55 -0.46 0.00 | 31.52 -0.62 0.00 | 34.95 -0.19 0.00 | 33.58 -0.38 0.00 |
| CHATEAUG_WT_PWR 323614 | 34.45 -2.70 0.00 | 27.29 -1.97 0.00 | 25.92 -1.97 0.00 | 26.74 -2.11 0.00 | 27.25 -2.49 0.00 | 31.59 -2.58 0.00 | 35.89 -2.50 0.00 | 55.69 -3.78 0.00 | 31.24 -2.26 0.00 | 27.21 -1.16 0.00 | 27.52 -0.61 0.00 | 27.06 -0.27 0.00 | 28.37 -0.01 0.00 | 30.05 -0.04 0.00 | 34.58 -0.02 0.00 | 36.66 -0.33 0.00 | 41.37 -0.11 0.00 | 73.39 -0.22 0.00 | 44.77 -0.17 0.00 | 35.61 -0.41 0.00 | 32.66 -0.34 0.00 | 31.64 -0.50 0.00 | 35.05 -0.10 0.00 | 33.68 -0.28 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 34.49 -2.67 0.00 | 27.31 -1.95 0.00 | 25.93 -1.96 0.00 | 26.74 -2.11 0.00 | 27.26 -2.48 0.00 | 31.59 -2.57 0.00 | 35.89 -2.50 0.00 | 55.70 -3.76 0.00 | 31.24 -2.26 0.00 | 27.19 -1.17 0.00 | 27.41 -0.72 0.00 | 26.95 -0.37 0.00 | 28.26 -0.13 0.00 | 29.90 -0.19 0.00 | 34.44 -0.16 0.00 | 36.57 -0.43 0.00 | 41.25 -0.24 0.00 | 73.18 -0.43 0.00 | 44.63 -0.31 0.00 | 35.49 -0.54 0.00 | 32.55 -0.46 0.00 | 31.52 -0.62 0.00 | 34.95 -0.19 0.00 | 33.58 -0.38 0.00 |
| CHAUTAUQUA___LFGE 323629 | 37.81 0.65 0.00 | 29.39 0.13 0.00 | 28.19 0.30 0.00 | 29.26 0.41 0.00 | 30.19 0.46 0.00 | 34.56 0.39 0.00 | 38.09 -0.30 0.00 | 58.78 -0.68 0.00 | 33.27 -0.23 0.00 | 28.21 -0.16 0.00 | 28.02 -0.12 0.00 | 27.22 -0.11 0.00 | 28.47 0.08 0.00 | 29.85 -0.24 0.00 | 34.29 -0.32 0.00 | 36.12 -0.87 0.00 | 39.85 -1.17 0.48 | 70.64 -2.97 0.00 | 42.67 -2.27 0.00 | 33.84 -2.19 0.00 | 31.15 -1.85 0.00 | 30.18 -1.96 0.00 | 33.59 -1.56 0.00 | 32.90 -1.06 0.00 |
| CHERRYST_13_KV_LD 356241 | 39.57 2.41 0.00 | 31.11 1.85 0.00 | 29.48 1.59 0.00 | 30.41 1.56 0.00 | 31.42 1.69 0.00 | 36.30 2.14 0.00 | 40.95 2.57 0.00 | 63.63 4.17 0.00 | 35.97 2.47 0.00 | 30.58 2.22 0.00 | 30.40 2.27 0.00 | 29.51 2.19 0.00 | 30.65 2.26 0.00 | 32.38 2.29 0.00 | 37.09 2.49 0.00 | 39.53 2.53 0.00 | 44.28 2.79 0.00 | 78.69 5.08 0.00 | 48.10 3.16 0.00 | 38.59 2.56 0.00 | 35.26 2.26 0.00 | 34.35 2.22 0.00 | 37.22 2.08 0.00 | 35.97 2.01 0.00 |

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| CHESTROR_138KV_BK263 355645 | 38.90 1.74 0.00 | 30.60 1.34 0.00 | 29.05 1.16 0.00 | 30.01 1.17 0.00 | 31.03 1.29 0.00 | 35.86 1.69 0.00 | 40.45 2.07 0.00 | 62.77 3.30 0.00 | 35.37 1.87 0.00 | 29.96 1.60 0.00 | 29.72 1.59 0.00 | 28.85 1.52 0.00 | 29.94 1.55 0.00 | 31.60 1.51 0.00 | 36.31 1.70 0.00 | 38.78 1.78 0.00 | 43.49 2.00 0.00 | 77.37 3.76 0.00 | 47.29 2.35 0.00 | 37.92 1.90 0.00 | 34.67 1.67 0.00 | 33.74 1.61 0.00 | 36.59 1.44 0.00 | 35.32 1.36 0.00 |
| CH_MIDHUDSON___DRP 24192 | 39.03 1.87 0.00 | 30.74 1.48 0.00 | 29.20 1.31 0.00 | 30.17 1.33 0.00 | 31.17 1.44 0.00 | 35.99 1.83 0.00 | 40.64 2.26 0.00 | 63.09 3.63 0.00 | 35.57 2.06 0.00 | 30.12 1.76 0.00 | 29.86 1.73 0.00 | 28.98 1.65 0.00 | 30.08 1.70 0.00 | 31.82 1.73 0.00 | 36.56 1.96 0.00 | 39.05 2.06 0.00 | 43.79 2.30 0.00 | 77.86 4.25 0.00 | 47.60 2.66 0.00 | 38.20 2.17 0.00 | 34.93 1.93 0.00 | 34.00 1.87 0.00 | 36.85 1.71 0.00 | 35.57 1.60 0.00 |
| CH_MISC_IPPS 23765 | 39.32 2.16 0.00 | 30.94 1.68 0.00 | 29.38 1.49 0.00 | 30.35 1.51 0.00 | 31.37 1.64 0.00 | 36.27 2.10 0.00 | 40.96 2.57 0.00 | 63.59 4.13 0.00 | 35.84 2.33 0.00 | 30.34 1.98 0.00 | 30.07 1.94 0.00 | 29.18 1.86 0.00 | 30.29 1.90 0.00 | 32.04 1.95 0.00 | 36.83 2.23 0.00 | 39.36 2.36 0.00 | 44.15 2.66 0.00 | 78.54 4.93 0.00 | 48.02 3.07 0.00 | 38.52 2.50 0.00 | 35.22 2.21 0.00 | 34.26 2.12 0.00 | 37.11 1.96 0.00 | 35.80 1.84 0.00 |
| CH_RES_BVR_FALLS 23983 | 35.97 -1.19 0.00 | 28.37 -0.89 0.00 | 26.98 -0.91 0.00 | 27.88 -0.97 0.00 | 28.58 -1.16 0.00 | 32.96 -1.20 0.00 | 37.24 -1.15 0.00 | 57.59 -1.88 0.00 | 32.33 -1.18 0.00 | 27.83 -0.53 0.00 | 27.76 -0.37 0.00 | 27.10 -0.22 0.00 | 28.26 -0.13 0.00 | 29.90 -0.19 0.00 | 34.42 -0.19 0.00 | 36.63 -0.37 0.00 | 41.13 -0.36 0.00 | 72.93 -0.68 0.00 | 44.48 -0.46 0.00 | 35.49 -0.54 0.00 | 32.51 -0.49 0.00 | 31.53 -0.61 0.00 | 34.72 -0.43 0.00 | 33.45 -0.51 0.00 |
| CH_RES_NIAGARA 23895 | 36.19 -0.97 0.00 | 28.15 -1.11 0.00 | 27.00 -0.89 0.00 | 28.03 -0.82 0.00 | 28.87 -0.86 0.00 | 32.94 -1.22 0.00 | 36.13 -2.26 0.00 | 55.77 -3.69 0.00 | 31.73 -1.77 0.00 | 26.95 -1.41 0.00 | 26.75 -1.38 0.00 | 26.02 -1.31 0.00 | 27.23 -1.16 0.00 | 28.46 -1.63 0.00 | 32.68 -1.93 0.00 | 34.37 -2.63 0.00 | 38.44 -3.05 0.00 | 67.54 -6.07 0.00 | 40.94 -4.00 0.00 | 32.58 -3.45 0.00 | 29.96 -3.04 0.00 | 29.15 -2.98 0.00 | 32.53 -2.61 0.00 | 31.96 -2.00 0.00 |
| CH_RES_SYRACUSE 23985 | 37.22 0.06 0.00 | 29.23 -0.03 0.00 | 27.91 0.02 0.00 | 28.89 0.04 0.00 | 29.77 0.04 0.00 | 34.14 -0.03 0.00 | 38.27 -0.12 0.00 | 59.33 -0.13 0.00 | 33.42 -0.08 0.00 | 28.25 -0.11 0.00 | 28.01 -0.12 0.00 | 27.19 -0.14 0.00 | 28.26 -0.12 0.00 | 29.82 -0.27 0.00 | 34.29 -0.32 0.00 | 36.72 -0.28 0.00 | 41.26 -0.23 0.00 | 73.21 -0.40 0.00 | 44.64 -0.31 0.00 | 35.74 -0.29 0.00 | 32.72 -0.28 0.00 | 31.85 -0.29 0.00 | 34.95 -0.19 0.00 | 33.82 -0.15 0.00 |
| CLINTON_WT_PWR 323605 | 34.45 -2.70 0.00 | 27.29 -1.97 0.00 | 25.92 -1.97 0.00 | 26.74 -2.11 0.00 | 27.25 -2.49 0.00 | 31.59 -2.58 0.00 | 35.89 -2.50 0.00 | 55.69 -3.78 0.00 | 31.24 -2.26 0.00 | 27.21 -1.16 0.00 | 27.52 -0.61 0.00 | 27.06 -0.27 0.00 | 28.37 -0.01 0.00 | 30.05 -0.04 0.00 | 34.58 -0.02 0.00 | 36.66 -0.33 0.00 | 41.37 -0.11 0.00 | 73.39 -0.22 0.00 | 44.77 -0.17 0.00 | 35.61 -0.41 0.00 | 32.66 -0.34 0.00 | 31.64 -0.50 0.00 | 35.05 -0.10 0.00 | 33.68 -0.28 0.00 |
| CLINTON___LFGE 323618 | 35.03 -2.12 0.00 | 27.75 -1.51 0.00 | 26.35 -1.54 0.00 | 27.21 -1.64 0.00 | 27.72 -2.01 0.00 | 32.16 -2.00 0.00 | 36.58 -1.80 0.00 | 56.89 -2.57 0.00 | 31.90 -1.60 0.00 | 27.69 -0.67 0.00 | 28.02 -0.11 0.00 | 27.55 0.23 0.00 | 28.84 0.46 0.00 | 30.57 0.47 0.00 | 35.16 0.55 0.00 | 37.28 0.28 0.00 | 42.15 0.66 0.00 | 74.86 1.25 0.00 | 45.67 0.73 0.00 | 36.35 0.32 0.00 | 33.33 0.33 0.00 | 32.26 0.12 0.00 | 35.64 0.50 0.00 | 34.26 0.29 0.00 |
| COBBLENY_34_KV_TB1 80064 | 37.57 0.42 0.00 | 29.19 -0.07 0.00 | 28.01 0.12 0.00 | 29.06 0.22 0.00 | 29.98 0.25 0.00 | 34.30 0.14 0.00 | 37.85 -0.54 0.00 | 58.55 -0.91 0.00 | 33.25 -0.25 0.00 | 28.23 -0.13 0.00 | 27.97 -0.16 0.00 | 27.19 -0.13 0.00 | 28.46 0.08 0.00 | 29.76 -0.33 0.00 | 34.21 -0.40 0.00 | 36.03 -0.97 0.00 | 40.35 -1.14 0.00 | 70.97 -2.63 0.00 | 42.98 -1.96 0.00 | 34.19 -1.84 0.00 | 31.41 -1.59 0.00 | 30.52 -1.61 0.00 | 33.90 -1.24 0.00 | 33.16 -0.81 0.00 |
| COFFEEN___115KV_TB3 355620 | 37.23 0.07 0.00 | 29.30 0.04 0.00 | 27.92 0.03 0.00 | 28.86 0.02 0.00 | 29.73 0.00 0.00 | 34.30 0.13 0.00 | 39.07 0.68 0.00 | 60.67 1.21 0.00 | 33.80 0.30 0.00 | 28.16 -0.21 0.00 | 27.66 -0.47 0.00 | 26.90 -0.43 0.00 | 28.01 -0.38 0.00 | 29.52 -0.57 0.00 | 33.96 -0.64 0.00 | 37.13 0.13 0.00 | 42.50 1.01 0.00 | 75.81 2.21 0.00 | 46.25 1.30 0.00 | 36.90 0.87 0.00 | 33.66 0.66 0.00 | 32.36 0.23 0.00 | 35.32 0.17 0.00 | 33.89 -0.08 0.00 |
| COLDSPRG_115KV_BK1 355956 | 38.92 1.77 0.00 | 30.18 0.92 0.00 | 28.93 1.04 0.00 | 30.06 1.21 0.00 | 31.05 1.31 0.00 | 35.57 1.41 0.00 | 39.36 0.97 0.00 | 60.95 1.49 0.00 | 34.43 0.92 0.00 | 29.34 0.98 0.00 | 29.19 1.06 0.00 | 28.39 1.06 0.00 | 29.70 1.31 0.00 | 31.08 0.99 0.00 | 35.60 0.99 0.00 | 37.37 0.37 0.00 | 41.75 0.26 0.00 | 73.24 -0.37 0.00 | 44.24 -0.71 0.00 | 35.13 -0.90 0.00 | 32.27 -0.73 0.00 | 31.31 -0.83 0.00 | 34.64 -0.50 0.00 | 33.94 -0.03 0.00 |
| COLONIE_LFGE___ 323577 | 38.42 1.26 0.00 | 30.37 1.11 0.00 | 28.94 1.04 0.00 | 29.94 1.09 0.00 | 30.86 1.13 0.00 | 35.55 1.39 0.00 | 40.10 1.71 0.00 | 62.09 2.62 0.00 | 34.94 1.44 0.00 | 29.37 1.01 0.00 | 29.09 0.96 0.00 | 28.23 0.90 0.00 | 29.31 0.92 0.00 | 31.16 1.07 0.00 | 35.83 1.23 0.00 | 38.34 1.35 0.00 | 42.87 1.38 0.00 | 75.99 2.38 0.00 | 46.46 1.52 0.00 | 37.36 1.34 0.00 | 34.31 1.30 0.00 | 33.48 1.35 0.00 | 36.44 1.30 0.00 | 35.16 1.19 0.00 |
| COOPERNY_115KV_TB1 80082 | 38.32 1.17 0.00 | 30.16 0.90 0.00 | 28.67 0.77 0.00 | 29.63 0.79 0.00 | 30.62 0.88 0.00 | 35.32 1.16 0.00 | 39.80 1.42 0.00 | 61.71 2.25 0.00 | 34.79 1.28 0.00 | 29.46 1.10 0.00 | 29.23 1.10 0.00 | 28.36 1.04 0.00 | 29.45 1.07 0.00 | 30.94 0.85 0.00 | 35.53 0.93 0.00 | 37.95 0.95 0.00 | 42.55 1.06 0.00 | 75.61 2.01 0.00 | 46.20 1.26 0.00 | 37.04 1.01 0.00 | 33.89 0.89 0.00 | 33.00 0.86 0.00 | 35.88 0.74 0.00 | 34.66 0.70 0.00 |
| COPENHAGEN_WT_PWR 323753 | 36.97 -0.19 0.00 | 29.10 -0.16 0.00 | 27.72 -0.17 0.00 | 28.65 -0.20 0.00 | 29.50 -0.23 0.00 | 33.98 -0.19 0.00 | 38.68 0.29 0.00 | 60.08 0.61 0.00 | 33.55 0.04 0.00 | 28.06 -0.30 0.00 | 27.63 -0.50 0.00 | 26.86 -0.47 0.00 | 27.96 -0.43 0.00 | 29.49 -0.60 0.00 | 33.94 -0.66 0.00 | 36.94 -0.05 0.00 | 42.11 0.63 0.00 | 75.02 1.42 0.00 | 45.76 0.82 0.00 | 36.51 0.49 0.00 | 33.31 0.31 0.00 | 32.02 -0.12 0.00 | 34.98 -0.16 0.00 | 33.57 -0.39 0.00 |
| CORNELL_____ 23752 | 38.07 0.91 0.00 | 29.85 0.59 0.00 | 28.51 0.61 0.00 | 29.50 0.66 0.00 | 30.47 0.74 0.00 | 35.08 0.91 0.00 | 39.47 1.08 0.00 | 61.23 1.76 0.00 | 34.41 0.91 0.00 | 28.95 0.59 0.00 | 28.62 0.49 0.00 | 27.72 0.40 0.00 | 28.77 0.38 0.00 | 30.35 0.26 0.00 | 35.02 0.41 0.00 | 37.63 0.64 0.00 | 42.42 0.93 0.00 | 75.38 1.77 0.00 | 45.96 1.02 0.00 | 36.73 0.70 0.00 | 33.58 0.57 0.00 | 32.60 0.46 0.00 | 35.60 0.46 0.00 | 34.45 0.49 0.00 |

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| CORONA_69_KV_TB1 355595 | 39.49 2.34 0.00 | 31.12 1.86 0.00 | 29.46 1.57 0.00 | 30.46 1.61 0.00 | 31.46 1.73 0.00 | 36.36 2.20 0.00 | 41.07 2.68 0.00 | 63.70 4.23 0.00 | 35.95 2.44 0.00 | 30.42 2.06 0.00 | 30.37 2.24 0.00 | 29.45 2.12 0.00 | 30.62 2.23 0.00 | 32.37 2.28 0.00 | 37.09 2.48 0.00 | 39.63 2.62 -0.01 | 54.09 2.89 -9.71 | 95.83 5.27 -16.95 | 56.65 3.26 -8.45 | 74.84 2.64 -36.17 | 58.12 2.42 -22.70 | 37.65 2.36 -3.15 | 37.33 2.18 0.00 | 36.04 2.08 0.00 |
| CORTLAND_115KV_TB3 80093 | 37.74 0.58 0.00 | 29.60 0.33 0.00 | 28.26 0.37 0.00 | 29.25 0.40 0.00 | 30.19 0.46 0.00 | 34.75 0.59 0.00 | 39.08 0.69 0.00 | 60.59 1.13 0.00 | 34.08 0.57 0.00 | 28.70 0.34 0.00 | 28.44 0.31 0.00 | 27.58 0.25 0.00 | 28.67 0.28 0.00 | 30.25 0.16 0.00 | 34.84 0.24 0.00 | 37.35 0.36 0.00 | 42.01 0.52 0.00 | 74.58 0.98 0.00 | 45.50 0.56 0.00 | 36.39 0.36 0.00 | 33.30 0.30 0.00 | 32.35 0.21 0.00 | 35.36 0.21 0.00 | 34.24 0.27 0.00 |
| COXSACKIE___GT 23611 | 39.13 1.98 0.00 | 30.89 1.63 0.00 | 29.49 1.59 0.00 | 30.52 1.67 0.00 | 31.48 1.75 0.00 | 36.38 2.21 0.00 | 41.23 2.85 0.00 | 64.06 4.59 0.00 | 35.72 2.22 0.00 | 29.56 1.20 0.00 | 29.04 0.91 0.00 | 28.15 0.82 0.00 | 29.19 0.80 0.00 | 31.03 0.94 0.00 | 35.91 1.31 0.00 | 39.15 2.15 0.00 | 44.16 2.67 0.00 | 78.48 4.88 0.00 | 47.99 3.05 0.00 | 38.43 2.40 0.00 | 35.20 2.20 0.00 | 34.25 2.11 0.00 | 37.22 2.07 0.00 | 35.83 1.87 0.00 |
| CPV_VALLEY___CC1 323721 | 38.10 0.94 0.00 | 30.01 0.75 0.00 | 28.52 0.63 0.00 | 29.48 0.63 0.00 | 30.46 0.72 0.00 | 35.13 0.97 0.00 | 39.58 1.19 0.00 | 61.37 1.91 0.00 | 34.60 1.09 0.00 | 29.30 0.94 0.00 | 29.08 0.95 0.00 | 28.22 0.89 0.00 | 29.31 0.93 0.00 | 30.80 0.72 0.00 | 35.37 0.76 0.00 | 37.75 0.76 0.00 | 42.33 0.84 0.00 | 75.21 1.60 0.00 | 45.94 1.00 0.00 | 36.85 0.83 0.00 | 33.72 0.72 0.00 | 32.86 0.72 0.00 | 35.71 0.57 0.00 | 34.49 0.53 0.00 |
| CPV_VALLEY___CC2 323722 | 38.10 0.94 0.00 | 30.01 0.75 0.00 | 28.52 0.63 0.00 | 29.48 0.63 0.00 | 30.46 0.72 0.00 | 35.13 0.97 0.00 | 39.58 1.19 0.00 | 61.37 1.91 0.00 | 34.60 1.09 0.00 | 29.30 0.94 0.00 | 29.08 0.95 0.00 | 28.22 0.89 0.00 | 29.31 0.93 0.00 | 30.80 0.72 0.00 | 35.37 0.76 0.00 | 37.75 0.76 0.00 | 42.33 0.84 0.00 | 75.21 1.60 0.00 | 45.94 1.00 0.00 | 36.85 0.83 0.00 | 33.72 0.72 0.00 | 32.86 0.72 0.00 | 35.71 0.57 0.00 | 34.49 0.53 0.00 |
| CRESCENT___HYD 24018 | 38.42 1.26 0.00 | 30.37 1.11 0.00 | 28.94 1.04 0.00 | 29.94 1.09 0.00 | 30.86 1.13 0.00 | 35.55 1.39 0.00 | 40.10 1.71 0.00 | 62.09 2.62 0.00 | 34.94 1.44 0.00 | 29.37 1.01 0.00 | 29.09 0.96 0.00 | 28.23 0.90 0.00 | 29.31 0.92 0.00 | 31.16 1.07 0.00 | 35.83 1.23 0.00 | 38.34 1.35 0.00 | 42.87 1.38 0.00 | 75.99 2.38 0.00 | 46.46 1.52 0.00 | 37.36 1.34 0.00 | 34.31 1.30 0.00 | 33.48 1.35 0.00 | 36.44 1.30 0.00 | 35.16 1.19 0.00 |
| CRICKET___VALLEY_CC1 323756 | 38.55 1.39 0.00 | 30.44 1.17 0.00 | 28.96 1.06 0.00 | 29.92 1.07 0.00 | 30.90 1.17 0.00 | 35.63 1.47 0.00 | 40.23 1.84 0.00 | 62.44 2.98 0.00 | 35.22 1.72 0.00 | 29.80 1.44 0.00 | 29.50 1.37 0.00 | 28.62 1.29 0.00 | 29.72 1.33 0.00 | 31.46 1.37 0.00 | 36.18 1.58 0.00 | 38.62 1.63 0.00 | 43.25 1.76 0.00 | 76.82 3.21 0.00 | 46.99 2.04 0.00 | 37.74 1.71 0.00 | 34.54 1.53 0.00 | 33.64 1.51 0.00 | 36.47 1.32 0.00 | 35.19 1.22 0.00 |
| CRICKET___VALLEY_CC2 323757 | 38.55 1.39 0.00 | 30.44 1.17 0.00 | 28.96 1.06 0.00 | 29.92 1.07 0.00 | 30.90 1.17 0.00 | 35.63 1.47 0.00 | 40.23 1.84 0.00 | 62.44 2.98 0.00 | 35.22 1.72 0.00 | 29.80 1.44 0.00 | 29.50 1.37 0.00 | 28.62 1.29 0.00 | 29.72 1.33 0.00 | 31.46 1.37 0.00 | 36.18 1.58 0.00 | 38.62 1.63 0.00 | 43.25 1.76 0.00 | 76.82 3.21 0.00 | 46.99 2.04 0.00 | 37.74 1.71 0.00 | 34.54 1.53 0.00 | 33.64 1.51 0.00 | 36.47 1.32 0.00 | 35.19 1.22 0.00 |
| CRICKET___VALLEY_CC3 323758 | 38.55 1.39 0.00 | 30.44 1.17 0.00 | 28.96 1.06 0.00 | 29.92 1.07 0.00 | 30.90 1.17 0.00 | 35.63 1.47 0.00 | 40.23 1.84 0.00 | 62.44 2.98 0.00 | 35.22 1.72 0.00 | 29.80 1.44 0.00 | 29.50 1.37 0.00 | 28.62 1.29 0.00 | 29.72 1.33 0.00 | 31.46 1.37 0.00 | 36.18 1.58 0.00 | 38.62 1.63 0.00 | 43.25 1.76 0.00 | 76.82 3.21 0.00 | 46.99 2.04 0.00 | 37.74 1.71 0.00 | 34.54 1.53 0.00 | 33.64 1.51 0.00 | 36.47 1.32 0.00 | 35.19 1.22 0.00 |
| CRUCIBLE_METL_DRP 24180 | 37.22 0.06 0.00 | 29.23 -0.03 0.00 | 27.91 0.02 0.00 | 28.88 0.04 0.00 | 29.77 0.04 0.00 | 34.14 -0.03 0.00 | 38.27 -0.12 0.00 | 59.33 -0.13 0.00 | 33.42 -0.08 0.00 | 28.25 -0.11 0.00 | 28.01 -0.12 0.00 | 27.19 -0.13 0.00 | 28.26 -0.13 0.00 | 29.82 -0.27 0.00 | 34.29 -0.32 0.00 | 36.71 -0.28 0.00 | 41.26 -0.23 0.00 | 73.21 -0.40 0.00 | 44.64 -0.31 0.00 | 35.74 -0.29 0.00 | 32.72 -0.28 0.00 | 31.85 -0.29 0.00 | 34.95 -0.19 0.00 | 33.82 -0.15 0.00 |
| DAHOWA___HYDRO 323763 | 38.81 1.65 0.00 | 30.65 1.39 0.00 | 29.21 1.32 0.00 | 30.26 1.42 0.00 | 31.25 1.52 0.00 | 36.02 1.86 0.00 | 40.66 2.27 0.00 | 63.04 3.57 0.00 | 35.38 1.87 0.00 | 29.58 1.21 0.00 | 29.26 1.13 0.00 | 28.37 1.04 0.00 | 29.47 1.09 0.00 | 31.38 1.30 0.00 | 36.11 1.51 0.00 | 38.71 1.71 0.00 | 43.44 1.95 0.00 | 77.10 3.49 0.00 | 47.16 2.22 0.00 | 37.91 1.88 0.00 | 34.79 1.79 0.00 | 33.94 1.80 0.00 | 36.97 1.82 0.00 | 35.60 1.64 0.00 |
| DANC___LFGE 323619 | 36.88 -0.28 0.00 | 29.01 -0.25 0.00 | 27.66 -0.24 0.00 | 28.59 -0.26 0.00 | 29.45 -0.28 0.00 | 33.83 -0.33 0.00 | 38.29 -0.10 0.00 | 59.43 -0.03 0.00 | 33.30 -0.21 0.00 | 27.97 -0.39 0.00 | 27.60 -0.52 0.00 | 26.81 -0.52 0.00 | 27.89 -0.49 0.00 | 29.43 -0.67 0.00 | 33.85 -0.75 0.00 | 36.63 -0.37 0.00 | 41.52 0.04 0.00 | 73.83 0.22 0.00 | 45.04 0.10 0.00 | 35.99 -0.04 0.00 | 32.93 -0.07 0.00 | 31.79 -0.35 0.00 | 34.80 -0.35 0.00 | 33.51 -0.46 0.00 |
| DANSKAMMER___1 23586 | 39.32 2.16 0.00 | 30.94 1.68 0.00 | 29.38 1.49 0.00 | 30.35 1.51 0.00 | 31.37 1.64 0.00 | 36.27 2.10 0.00 | 40.96 2.57 0.00 | 63.59 4.13 0.00 | 35.84 2.33 0.00 | 30.34 1.98 0.00 | 30.07 1.94 0.00 | 29.18 1.86 0.00 | 30.29 1.90 0.00 | 32.04 1.95 0.00 | 36.83 2.23 0.00 | 39.36 2.36 0.00 | 44.15 2.66 0.00 | 78.54 4.93 0.00 | 48.02 3.07 0.00 | 38.52 2.50 0.00 | 35.22 2.21 0.00 | 34.26 2.12 0.00 | 37.11 1.96 0.00 | 35.80 1.84 0.00 |
| DANSKAMMER___2 23589 | 39.32 2.16 0.00 | 30.94 1.68 0.00 | 29.38 1.49 0.00 | 30.35 1.51 0.00 | 31.37 1.64 0.00 | 36.27 2.10 0.00 | 40.96 2.57 0.00 | 63.59 4.13 0.00 | 35.84 2.33 0.00 | 30.34 1.98 0.00 | 30.07 1.94 0.00 | 29.18 1.86 0.00 | 30.29 1.90 0.00 | 32.04 1.95 0.00 | 36.83 2.23 0.00 | 39.36 2.36 0.00 | 44.15 2.66 0.00 | 78.54 4.93 0.00 | 48.02 3.07 0.00 | 38.52 2.50 0.00 | 35.22 2.21 0.00 | 34.26 2.12 0.00 | 37.11 1.96 0.00 | 35.80 1.84 0.00 |
| DANSKAMMER___3 23590 | 39.32 2.16 0.00 | 30.94 1.68 0.00 | 29.38 1.49 0.00 | 30.35 1.51 0.00 | 31.37 1.64 0.00 | 36.27 2.10 0.00 | 40.96 2.57 0.00 | 63.59 4.13 0.00 | 35.84 2.33 0.00 | 30.34 1.98 0.00 | 30.07 1.94 0.00 | 29.18 1.86 0.00 | 30.29 1.90 0.00 | 32.04 1.95 0.00 | 36.83 2.23 0.00 | 39.36 2.36 0.00 | 44.15 2.66 0.00 | 78.54 4.93 0.00 | 48.02 3.07 0.00 | 38.52 2.50 0.00 | 35.22 2.21 0.00 | 34.26 2.12 0.00 | 37.11 1.96 0.00 | 35.80 1.84 0.00 |

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| DANSKAMMER___4 23591 | 39.32 2.16 0.00 | 30.94 1.68 0.00 | 29.38 1.49 0.00 | 30.35 1.51 0.00 | 31.37 1.64 0.00 | 36.27 2.10 0.00 | 40.96 2.57 0.00 | 63.59 4.13 0.00 | 35.84 2.33 0.00 | 30.34 1.98 0.00 | 30.07 1.94 0.00 | 29.18 1.86 0.00 | 30.29 1.90 0.00 | 32.04 1.95 0.00 | 36.83 2.23 0.00 | 39.36 2.36 0.00 | 44.15 2.66 0.00 | 78.54 4.93 0.00 | 48.02 3.07 0.00 | 38.52 2.50 0.00 | 35.22 2.21 0.00 | 34.26 2.12 0.00 | 37.11 1.96 0.00 | 35.80 1.84 0.00 |
| DANSKAMMER___DIESEL 23592 | 39.31 2.15 0.00 | 30.94 1.68 0.00 | 29.39 1.49 0.00 | 30.35 1.51 0.00 | 31.37 1.64 0.00 | 36.26 2.10 0.00 | 40.96 2.57 0.00 | 63.59 4.13 0.00 | 35.84 2.33 0.00 | 30.34 1.98 0.00 | 30.07 1.94 0.00 | 29.18 1.85 0.00 | 30.29 1.90 0.00 | 32.03 1.94 0.00 | 36.83 2.23 0.00 | 39.35 2.36 0.00 | 44.14 2.65 0.00 | 78.54 4.93 0.00 | 48.02 3.07 0.00 | 38.52 2.50 0.00 | 35.21 2.21 0.00 | 34.26 2.12 0.00 | 37.11 1.96 0.00 | 35.80 1.84 0.00 |
| DARBY___SOLAR 323810 | 38.68 1.52 0.00 | 30.56 1.30 0.00 | 29.12 1.23 0.00 | 30.17 1.32 0.00 | 31.14 1.40 0.00 | 35.88 1.72 0.00 | 40.49 2.10 0.00 | 62.73 3.27 0.00 | 35.22 1.72 0.00 | 29.47 1.11 0.00 | 29.16 1.03 0.00 | 28.27 0.95 0.00 | 29.37 0.98 0.00 | 31.27 1.18 0.00 | 35.99 1.39 0.00 | 38.59 1.59 0.00 | 43.28 1.79 0.00 | 76.78 3.18 0.00 | 46.96 2.02 0.00 | 37.75 1.72 0.00 | 34.64 1.64 0.00 | 33.78 1.65 0.00 | 36.81 1.66 0.00 | 35.47 1.50 0.00 |
| DASHVILLE___HYD 23610 | 38.86 1.70 0.00 | 30.58 1.32 0.00 | 29.02 1.13 0.00 | 29.97 1.12 0.00 | 30.99 1.26 0.00 | 35.79 1.63 0.00 | 40.41 2.02 0.00 | 62.71 3.25 0.00 | 35.42 1.92 0.00 | 30.03 1.67 0.00 | 29.77 1.64 0.00 | 28.87 1.55 0.00 | 29.97 1.58 0.00 | 31.68 1.59 0.00 | 36.39 1.79 0.00 | 38.89 1.89 0.00 | 43.61 2.12 0.00 | 77.58 3.97 0.00 | 47.43 2.49 0.00 | 38.06 2.04 0.00 | 34.79 1.79 0.00 | 33.84 1.71 0.00 | 36.66 1.52 0.00 | 35.38 1.42 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 39.02 1.87 0.00 | 31.07 1.81 0.00 | 29.25 1.35 0.00 | 30.28 1.43 0.00 | 31.17 1.43 0.00 | 36.11 1.95 0.00 | 40.80 2.41 0.00 | 63.01 3.55 0.00 | 35.41 1.91 0.00 | 29.62 1.26 0.00 | 30.16 2.03 0.00 | 29.38 2.05 0.00 | 30.70 2.31 0.00 | 32.24 2.14 0.00 | 36.59 1.98 0.00 | 39.63 2.62 0.00 | 50.36 3.45 -5.42 | 88.06 6.56 -7.89 | 53.43 3.78 -4.71 | 59.55 3.35 -20.17 | 46.32 3.34 -9.98 | 37.27 3.38 -1.76 | 38.65 3.51 0.00 | 37.36 3.39 0.00 |
| DELAWARE___LFGE 323621 | 38.28 1.13 0.00 | 30.12 0.86 0.00 | 28.67 0.78 0.00 | 29.65 0.80 0.00 | 30.62 0.88 0.00 | 35.31 1.15 0.00 | 39.79 1.40 0.00 | 61.66 2.19 0.00 | 34.74 1.23 0.00 | 29.37 1.01 0.00 | 29.14 1.01 0.00 | 28.30 0.97 0.00 | 29.41 1.02 0.00 | 31.02 0.93 0.00 | 35.68 1.07 0.00 | 38.15 1.15 0.00 | 42.79 1.30 0.00 | 75.97 2.36 0.00 | 46.38 1.44 0.00 | 37.15 1.12 0.00 | 33.97 0.97 0.00 | 33.00 0.87 0.00 | 35.96 0.82 0.00 | 34.74 0.78 0.00 |
| DERFIELD_115KV_TB7 355931 | 37.20 0.04 0.00 | 29.29 0.03 0.00 | 27.92 0.03 0.00 | 28.87 0.03 0.00 | 29.76 0.03 0.00 | 34.23 0.06 0.00 | 38.50 0.11 0.00 | 59.64 0.18 0.00 | 33.58 0.08 0.00 | 28.44 0.07 0.00 | 28.21 0.08 0.00 | 27.41 0.08 0.00 | 28.47 0.09 0.00 | 30.16 0.06 0.00 | 34.71 0.10 0.00 | 37.11 0.11 0.00 | 41.61 0.13 0.00 | 73.83 0.22 0.00 | 45.08 0.14 0.00 | 36.13 0.11 0.00 | 33.10 0.10 0.00 | 32.23 0.09 0.00 | 35.22 0.08 0.00 | 34.02 0.05 0.00 |
| DOGLEVILLE___HYD 23807 | 37.04 -0.12 0.00 | 29.26 0.00 0.00 | 27.93 0.04 0.00 | 28.94 0.10 0.00 | 29.86 0.13 0.00 | 34.45 0.29 0.00 | 39.15 0.76 0.00 | 60.83 1.37 0.00 | 33.86 0.36 0.00 | 28.14 -0.22 0.00 | 27.79 -0.34 0.00 | 27.01 -0.32 0.00 | 28.06 -0.33 0.00 | 29.84 -0.25 0.00 | 34.52 -0.08 0.00 | 37.35 0.36 0.00 | 42.05 0.56 0.00 | 74.78 1.18 0.00 | 45.74 0.79 0.00 | 36.73 0.71 0.00 | 33.71 0.71 0.00 | 32.89 0.76 0.00 | 35.57 0.42 0.00 | 34.03 0.06 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 37.72 0.57 0.00 | 29.32 0.06 0.00 | 28.13 0.23 0.00 | 29.20 0.35 0.00 | 30.12 0.39 0.00 | 34.50 0.33 0.00 | 37.98 -0.41 0.00 | 58.64 -0.83 0.00 | 33.21 -0.30 0.00 | 28.15 -0.21 0.00 | 27.95 -0.18 0.00 | 27.16 -0.16 0.00 | 28.41 0.02 0.00 | 29.77 -0.32 0.00 | 34.21 -0.40 0.00 | 36.04 -0.96 0.00 | 40.30 -1.19 0.00 | 70.57 -3.04 0.00 | 42.64 -2.30 0.00 | 33.83 -2.20 0.00 | 31.15 -1.85 0.00 | 30.18 -1.95 0.00 | 33.59 -1.56 0.00 | 32.90 -1.06 0.00 |
| DUNKIRK___1 23563 | 37.72 0.57 0.00 | 29.32 0.06 0.00 | 28.13 0.23 0.00 | 29.20 0.35 0.00 | 30.12 0.39 0.00 | 34.50 0.33 0.00 | 37.98 -0.41 0.00 | 58.64 -0.83 0.00 | 33.21 -0.30 0.00 | 28.15 -0.21 0.00 | 27.95 -0.18 0.00 | 27.16 -0.16 0.00 | 28.41 0.02 0.00 | 29.77 -0.32 0.00 | 34.21 -0.40 0.00 | 36.04 -0.96 0.00 | 40.30 -1.19 0.00 | 70.57 -3.04 0.00 | 42.64 -2.30 0.00 | 33.83 -2.20 0.00 | 31.15 -1.85 0.00 | 30.18 -1.95 0.00 | 33.59 -1.56 0.00 | 32.90 -1.06 0.00 |
| DUNKIRK___2 23564 | 37.72 0.57 0.00 | 29.32 0.06 0.00 | 28.13 0.23 0.00 | 29.20 0.35 0.00 | 30.12 0.39 0.00 | 34.50 0.33 0.00 | 37.98 -0.41 0.00 | 58.64 -0.83 0.00 | 33.21 -0.30 0.00 | 28.15 -0.21 0.00 | 27.95 -0.18 0.00 | 27.16 -0.16 0.00 | 28.41 0.02 0.00 | 29.77 -0.32 0.00 | 34.21 -0.40 0.00 | 36.04 -0.96 0.00 | 40.30 -1.19 0.00 | 70.57 -3.04 0.00 | 42.64 -2.30 0.00 | 33.83 -2.20 0.00 | 31.15 -1.85 0.00 | 30.18 -1.95 0.00 | 33.59 -1.56 0.00 | 32.90 -1.06 0.00 |
| DUNKIRK___3 23565 | 37.62 0.46 0.00 | 29.24 -0.03 0.00 | 28.04 0.15 0.00 | 29.11 0.26 0.00 | 30.03 0.30 0.00 | 34.37 0.21 0.00 | 37.86 -0.53 0.00 | 58.48 -0.98 0.00 | 33.14 -0.36 0.00 | 28.11 -0.25 0.00 | 27.91 -0.22 0.00 | 27.12 -0.20 0.00 | 28.37 -0.01 0.00 | 29.71 -0.38 0.00 | 34.14 -0.47 0.00 | 35.95 -1.04 0.00 | 40.21 -1.28 0.00 | 70.50 -3.11 0.00 | 42.63 -2.31 0.00 | 33.84 -2.19 0.00 | 31.13 -1.87 0.00 | 30.20 -1.93 0.00 | 33.58 -1.56 0.00 | 32.89 -1.07 0.00 |
| DUNKIRK___4 23566 | 37.62 0.46 0.00 | 29.24 -0.03 0.00 | 28.04 0.15 0.00 | 29.11 0.26 0.00 | 30.03 0.30 0.00 | 34.37 0.21 0.00 | 37.86 -0.53 0.00 | 58.48 -0.98 0.00 | 33.14 -0.36 0.00 | 28.11 -0.25 0.00 | 27.91 -0.22 0.00 | 27.12 -0.20 0.00 | 28.37 -0.01 0.00 | 29.71 -0.38 0.00 | 34.14 -0.47 0.00 | 35.95 -1.04 0.00 | 40.21 -1.28 0.00 | 70.50 -3.11 0.00 | 42.63 -2.31 0.00 | 33.84 -2.19 0.00 | 31.13 -1.87 0.00 | 30.20 -1.93 0.00 | 33.58 -1.56 0.00 | 32.89 -1.07 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 39.31 2.15 0.00 | 30.92 1.66 0.00 | 29.33 1.44 0.00 | 30.28 1.44 0.00 | 31.29 1.55 0.00 | 36.14 1.98 0.00 | 40.77 2.38 0.00 | 63.30 3.84 0.00 | 35.71 2.21 0.00 | 30.31 1.95 0.00 | 30.12 1.99 0.00 | 29.24 1.91 0.00 | 30.36 1.97 0.00 | 32.08 1.99 0.00 | 36.79 2.19 0.00 | 39.24 2.24 0.00 | 43.98 2.49 0.00 | 78.16 4.55 0.00 | 47.79 2.85 0.00 | 38.34 2.31 0.00 | 35.06 2.07 0.00 | 34.15 2.02 0.00 | 37.01 1.87 0.00 | 35.74 1.78 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 39.16 2.00 0.00 | 30.80 1.54 0.00 | 29.25 1.35 0.00 | 30.20 1.36 0.00 | 31.23 1.50 0.00 | 36.10 1.93 0.00 | 40.76 2.37 0.00 | 63.28 3.81 0.00 | 35.66 2.16 0.00 | 30.18 1.82 0.00 | 29.93 1.80 0.00 | 29.04 1.72 0.00 | 30.15 1.76 0.00 | 31.86 1.77 0.00 | 36.62 2.02 0.00 | 39.12 2.12 0.00 | 43.90 2.41 0.00 | 78.15 4.55 0.00 | 47.75 2.81 0.00 | 38.31 2.28 0.00 | 35.01 2.01 0.00 | 34.06 1.93 0.00 | 36.91 1.76 0.00 | 35.61 1.65 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 39.39 2.23 0.00 | 30.99 1.73 0.00 | 29.36 1.47 0.00 | 30.29 1.44 0.00 | 31.31 1.58 0.00 | 36.21 2.05 0.00 | 40.85 2.47 0.00 | 63.39 3.92 0.00 | 35.83 2.33 0.00 | 30.41 2.05 0.00 | 30.17 2.04 0.00 | 29.29 1.97 0.00 | 30.42 2.03 0.00 | 32.14 2.05 0.00 | 36.76 2.15 0.00 | 39.27 2.28 0.00 | 43.97 2.48 0.00 | 78.20 4.59 0.00 | 47.85 2.91 0.00 | 38.42 2.40 0.00 | 35.08 2.08 0.00 | 34.22 2.08 0.00 | 37.04 1.90 0.00 | 35.82 1.86 0.00 |
| E179THST_13_KV_LOAD 356214 | 39.54 2.39 0.00 | 31.11 1.85 0.00 | 29.46 1.57 0.00 | 30.40 1.55 0.00 | 31.42 1.69 0.00 | 36.34 2.17 0.00 | 41.02 2.63 0.00 | 63.67 4.21 0.00 | 35.99 2.49 0.00 | 30.54 2.18 0.00 | 30.30 2.18 0.00 | 29.43 2.11 0.00 | 30.55 2.16 0.00 | 32.28 2.19 0.00 | 36.93 2.32 0.00 | 39.46 2.46 0.00 | 44.18 2.69 0.00 | 78.57 4.96 0.00 | 48.09 3.15 0.00 | 38.61 2.58 0.00 | 35.23 2.23 0.00 | 34.37 2.24 0.00 | 37.20 2.05 0.00 | 35.96 2.00 0.00 |
| EAST HAMPTON___GT 23717 | 38.31 1.15 0.00 | 30.51 1.25 0.00 | 28.71 0.82 0.00 | 29.73 0.88 0.00 | 30.60 0.87 0.00 | 35.49 1.32 0.00 | 40.19 1.81 0.00 | 62.17 2.70 0.00 | 34.90 1.40 0.00 | 29.17 0.81 0.00 | 29.80 1.67 0.00 | 29.17 1.84 0.00 | 30.45 2.06 0.00 | 31.93 1.84 0.00 | 36.24 1.63 0.00 | 39.27 2.27 0.00 | 50.05 3.14 -5.42 | 88.01 6.51 -7.89 | 53.42 3.77 -4.71 | 59.52 3.32 -20.17 | 46.50 3.52 -9.98 | 37.49 3.60 -1.76 | 38.84 3.69 0.00 | 37.60 3.64 0.00 |
| EAST RIVER___6 23660 | 39.49 2.33 0.00 | 31.04 1.78 0.00 | 29.40 1.51 0.00 | 30.31 1.47 0.00 | 31.31 1.58 0.00 | 36.19 2.02 0.00 | 40.82 2.43 0.00 | 63.42 3.95 0.00 | 35.87 2.37 0.00 | 30.51 2.15 0.00 | 30.32 2.19 0.00 | 29.44 2.11 0.00 | 30.58 2.19 0.00 | 32.30 2.21 0.00 | 37.01 2.40 0.00 | 39.43 2.43 0.00 | 44.18 2.69 0.00 | 78.47 4.87 0.00 | 47.98 3.04 0.00 | 38.51 2.48 0.00 | 35.18 2.19 0.00 | 34.27 2.13 0.00 | 37.11 1.97 0.00 | 35.90 1.93 0.00 |
| EAST RIVER___7 23524 | 39.49 2.33 0.00 | 31.04 1.78 0.00 | 29.40 1.51 0.00 | 30.31 1.47 0.00 | 31.31 1.58 0.00 | 36.19 2.02 0.00 | 40.82 2.43 0.00 | 63.42 3.95 0.00 | 35.87 2.37 0.00 | 30.51 2.15 0.00 | 30.32 2.19 0.00 | 29.44 2.11 0.00 | 30.58 2.19 0.00 | 32.30 2.21 0.00 | 37.01 2.40 0.00 | 39.43 2.43 0.00 | 44.18 2.69 0.00 | 78.47 4.87 0.00 | 47.98 3.04 0.00 | 38.51 2.48 0.00 | 35.18 2.19 0.00 | 34.27 2.13 0.00 | 37.11 1.97 0.00 | 35.90 1.93 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 39.20 2.04 0.00 | 30.83 1.57 0.00 | 29.26 1.36 0.00 | 30.20 1.36 0.00 | 31.21 1.48 0.00 | 36.06 1.90 0.00 | 40.70 2.31 0.00 | 63.19 3.72 0.00 | 35.65 2.15 0.00 | 30.24 1.88 0.00 | 30.04 1.91 0.00 | 29.16 1.83 0.00 | 30.28 1.89 0.00 | 31.99 1.90 0.00 | 36.70 2.09 0.00 | 39.16 2.16 0.00 | 43.88 2.39 0.00 | 78.01 4.40 0.00 | 47.70 2.76 0.00 | 38.27 2.24 0.00 | 34.99 1.99 0.00 | 34.06 1.93 0.00 | 36.90 1.76 0.00 | 35.64 1.68 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 38.18 1.03 0.00 | 30.41 1.15 0.00 | 28.62 0.73 0.00 | 29.63 0.79 0.00 | 30.50 0.76 0.00 | 35.38 1.21 0.00 | 40.07 1.69 0.00 | 61.99 2.52 0.00 | 34.80 1.30 0.00 | 29.09 0.73 0.00 | 29.72 1.59 0.00 | 29.12 1.79 0.00 | 30.38 1.99 0.00 | 31.85 1.76 0.00 | 36.16 1.55 0.00 | 39.18 2.18 0.00 | 49.95 3.04 -5.42 | 87.88 6.38 -7.89 | 53.35 3.70 -4.71 | 59.46 3.26 -20.17 | 46.48 3.49 -9.98 | 37.48 3.58 -1.76 | 38.82 3.67 0.00 | 37.60 3.63 0.00 |
| EAST_POINT___SOLAR 323840 | 39.56 2.40 0.00 | 31.09 1.83 0.00 | 29.65 1.76 0.00 | 30.66 1.82 0.00 | 31.66 1.93 0.00 | 36.51 2.35 0.00 | 41.30 2.91 0.00 | 64.03 4.57 0.00 | 34.98 1.48 0.00 | 28.90 0.54 0.00 | 28.71 0.58 0.00 | 28.15 0.82 0.00 | 29.67 1.28 0.00 | 31.55 1.46 0.00 | 36.41 1.81 0.00 | 39.44 2.45 0.00 | 44.68 3.20 0.00 | 79.73 6.12 0.00 | 48.65 3.70 0.00 | 38.89 2.86 0.00 | 35.46 2.46 0.00 | 34.39 2.25 0.00 | 37.55 2.40 0.00 | 36.13 2.17 0.00 |
| EAST_PULASKI___ESR 323781 | 36.83 -0.33 0.00 | 28.96 -0.30 0.00 | 27.63 -0.26 0.00 | 28.57 -0.27 0.00 | 29.44 -0.29 0.00 | 33.74 -0.42 0.00 | 37.98 -0.41 0.00 | 58.88 -0.58 0.00 | 33.10 -0.40 0.00 | 27.92 -0.44 0.00 | 27.62 -0.51 0.00 | 26.81 -0.52 0.00 | 27.86 -0.53 0.00 | 29.41 -0.69 0.00 | 33.81 -0.79 0.00 | 36.37 -0.63 0.00 | 41.01 -0.48 0.00 | 72.79 -0.82 0.00 | 44.42 -0.52 0.00 | 35.54 -0.49 0.00 | 32.59 -0.41 0.00 | 31.62 -0.52 0.00 | 34.67 -0.47 0.00 | 33.48 -0.48 0.00 |
| EAST_RIVER___1 323558 | 39.47 2.31 0.00 | 31.02 1.76 0.00 | 29.40 1.50 0.00 | 30.33 1.48 0.00 | 31.33 1.60 0.00 | 36.20 2.04 0.00 | 40.83 2.44 0.00 | 63.43 3.97 0.00 | 35.85 2.34 0.00 | 30.48 2.12 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.54 2.15 0.00 | 32.26 2.17 0.00 | 36.96 2.36 0.00 | 39.40 2.40 0.00 | 44.14 2.65 0.00 | 78.42 4.81 0.00 | 47.95 3.00 0.00 | 38.48 2.45 0.00 | 35.16 2.16 0.00 | 34.26 2.12 0.00 | 37.12 1.98 0.00 | 35.88 1.91 0.00 |
| EAST_RIVER___2 323559 | 39.49 2.33 0.00 | 31.04 1.78 0.00 | 29.40 1.51 0.00 | 30.31 1.47 0.00 | 31.31 1.58 0.00 | 36.19 2.02 0.00 | 40.82 2.43 0.00 | 63.42 3.95 0.00 | 35.87 2.37 0.00 | 30.51 2.15 0.00 | 30.32 2.19 0.00 | 29.44 2.11 0.00 | 30.58 2.19 0.00 | 32.30 2.21 0.00 | 37.01 2.40 0.00 | 39.43 2.43 0.00 | 44.18 2.69 0.00 | 78.47 4.87 0.00 | 47.98 3.04 0.00 | 38.51 2.48 0.00 | 35.18 2.19 0.00 | 34.27 2.13 0.00 | 37.11 1.97 0.00 | 35.90 1.93 0.00 |
| EAST___DELAWARE_HYD 23607 | 38.53 1.37 0.00 | 30.30 1.03 0.00 | 28.78 0.88 0.00 | 29.73 0.88 0.00 | 30.74 1.00 0.00 | 35.55 1.38 0.00 | 40.18 1.79 0.00 | 62.38 2.91 0.00 | 35.13 1.63 0.00 | 29.66 1.30 0.00 | 29.34 1.21 0.00 | 28.43 1.11 0.00 | 29.59 1.21 0.00 | 31.74 1.65 0.00 | 36.47 1.86 0.00 | 38.99 1.99 0.00 | 43.85 2.36 0.00 | 78.11 4.50 0.00 | 47.73 2.79 0.00 | 38.27 2.25 0.00 | 34.98 1.98 0.00 | 34.02 1.89 0.00 | 36.86 1.71 0.00 | 35.56 1.60 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 37.64 0.48 0.00 | 29.20 -0.06 0.00 | 28.15 0.25 0.00 | 29.22 0.38 0.00 | 30.25 0.52 0.00 | 34.96 0.79 0.00 | 39.02 0.63 0.00 | 60.39 0.92 0.00 | 34.09 0.59 0.00 | 28.60 0.24 0.00 | 28.30 0.16 0.00 | 27.36 0.04 0.00 | 28.55 0.17 0.00 | 29.96 -0.13 0.00 | 34.51 -0.09 0.00 | 36.63 -0.37 0.00 | 41.00 -0.48 0.00 | 72.52 -1.09 0.00 | 43.98 -0.96 0.00 | 34.79 -1.23 0.00 | 31.57 -1.43 0.00 | 30.50 -1.63 0.00 | 33.41 -1.73 0.00 | 32.66 -1.30 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 37.05 -0.11 0.00 | 29.11 -0.15 0.00 | 27.80 -0.09 0.00 | 28.78 -0.07 0.00 | 29.67 -0.06 0.00 | 33.99 -0.17 0.00 | 38.09 -0.30 0.00 | 59.08 -0.38 0.00 | 33.30 -0.20 0.00 | 28.15 -0.21 0.00 | 27.87 -0.26 0.00 | 27.07 -0.25 0.00 | 28.14 -0.25 0.00 | 29.70 -0.39 0.00 | 34.11 -0.50 0.00 | 36.50 -0.50 0.00 | 41.03 -0.45 0.00 | 72.82 -0.79 0.00 | 44.37 -0.57 0.00 | 35.54 -0.48 0.00 | 32.52 -0.49 0.00 | 31.67 -0.46 0.00 | 34.77 -0.37 0.00 | 33.63 -0.34 0.00 |
| ELEC_TRO_TEK 24086 | 39.35 2.19 0.00 | 31.02 1.76 0.00 | 29.36 1.47 0.00 | 30.36 1.51 0.00 | 31.35 1.62 0.00 | 36.24 2.08 0.00 | 40.95 2.56 0.00 | 63.52 4.06 0.00 | 35.84 2.34 0.00 | 30.32 1.96 0.00 | 30.26 2.13 0.00 | 29.35 2.02 0.00 | 30.51 2.13 0.00 | 32.27 2.18 0.00 | 36.96 2.35 0.00 | 39.48 2.48 -0.01 | 53.81 2.74 -9.58 | 94.20 5.00 -15.60 | 56.35 3.08 -8.33 | 74.19 2.49 -35.68 | 55.75 2.28 -20.47 | 37.48 2.24 -3.11 | 37.21 2.06 0.00 | 35.92 1.96 0.00 |

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| ELLENBURG_WT_PWR 323604 | 34.45 -2.70 0.00 | 27.29 -1.97 0.00 | 25.92 -1.97 0.00 | 26.74 -2.11 0.00 | 27.25 -2.49 0.00 | 31.59 -2.58 0.00 | 35.89 -2.50 0.00 | 55.69 -3.78 0.00 | 31.24 -2.26 0.00 | 27.21 -1.16 0.00 | 27.52 -0.61 0.00 | 27.06 -0.27 0.00 | 28.37 -0.01 0.00 | 30.05 -0.04 0.00 | 34.58 -0.02 0.00 | 36.66 -0.33 0.00 | 41.37 -0.11 0.00 | 73.39 -0.22 0.00 | 44.77 -0.17 0.00 | 35.61 -0.41 0.00 | 32.66 -0.34 0.00 | 31.64 -0.50 0.00 | 35.05 -0.10 0.00 | 33.68 -0.28 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 37.06 -0.09 0.00 | 28.82 -0.44 0.00 | 27.64 -0.25 0.00 | 28.69 -0.16 0.00 | 29.58 -0.15 0.00 | 33.81 -0.35 0.00 | 37.22 -1.17 0.00 | 57.53 -1.93 0.00 | 32.67 -0.82 0.00 | 27.74 -0.63 0.00 | 27.51 -0.62 0.00 | 26.75 -0.58 0.00 | 28.00 -0.39 0.00 | 29.28 -0.81 0.00 | 33.64 -0.97 0.00 | 35.40 -1.59 0.00 | 39.63 -1.86 0.00 | 69.64 -3.97 0.00 | 42.19 -2.75 0.00 | 33.56 -2.46 0.00 | 30.83 -2.17 0.00 | 29.96 -2.18 0.00 | 33.33 -1.82 0.00 | 32.66 -1.30 0.00 |
| EMPIRE_CC_1 323656 | 37.87 0.71 0.00 | 29.94 0.68 0.00 | 28.54 0.64 0.00 | 29.51 0.66 0.00 | 30.42 0.68 0.00 | 35.04 0.88 0.00 | 39.50 1.11 0.00 | 61.10 1.63 0.00 | 34.46 0.96 0.00 | 29.04 0.68 0.00 | 28.79 0.66 0.00 | 27.97 0.65 0.00 | 28.99 0.60 0.00 | 30.78 0.69 0.00 | 35.39 0.78 0.00 | 37.83 0.83 0.00 | 42.23 0.74 0.00 | 74.78 1.17 0.00 | 45.73 0.79 0.00 | 36.81 0.79 0.00 | 33.81 0.81 0.00 | 33.00 0.87 0.00 | 35.90 0.76 0.00 | 34.64 0.68 0.00 |
| EMPIRE_CC_2 323658 | 37.87 0.71 0.00 | 29.94 0.68 0.00 | 28.54 0.64 0.00 | 29.51 0.66 0.00 | 30.42 0.68 0.00 | 35.04 0.88 0.00 | 39.50 1.11 0.00 | 61.10 1.63 0.00 | 34.46 0.96 0.00 | 29.04 0.68 0.00 | 28.79 0.66 0.00 | 27.97 0.65 0.00 | 28.99 0.60 0.00 | 30.78 0.69 0.00 | 35.39 0.78 0.00 | 37.83 0.83 0.00 | 42.23 0.74 0.00 | 74.78 1.17 0.00 | 45.73 0.79 0.00 | 36.81 0.79 0.00 | 33.81 0.81 0.00 | 33.00 0.87 0.00 | 35.90 0.76 0.00 | 34.64 0.68 0.00 |
| ENORWICH_115KV_TB1 80156 | 39.57 2.41 0.00 | 31.17 1.91 0.00 | 29.67 1.78 0.00 | 30.79 1.94 0.00 | 31.85 2.11 0.00 | 36.99 2.83 0.00 | 42.01 3.62 0.00 | 65.21 5.74 0.00 | 36.45 2.95 0.00 | 30.44 2.08 0.00 | 29.99 1.86 0.00 | 29.01 1.69 0.00 | 30.12 1.73 0.00 | 31.77 1.68 0.00 | 36.91 2.31 0.00 | 39.99 3.00 0.00 | 45.22 3.73 0.00 | 80.37 6.76 0.00 | 48.94 4.00 0.00 | 38.81 2.78 0.00 | 35.31 2.31 0.00 | 34.00 1.86 0.00 | 36.90 1.75 0.00 | 35.64 1.67 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 37.90 0.74 0.00 | 29.43 0.17 0.00 | 28.23 0.34 0.00 | 29.30 0.45 0.00 | 30.22 0.48 0.00 | 34.54 0.37 0.00 | 38.10 -0.29 0.00 | 59.00 -0.46 0.00 | 33.50 0.00 0.00 | 28.46 0.10 0.00 | 28.23 0.10 0.00 | 27.47 0.14 0.00 | 28.76 0.37 0.00 | 30.06 -0.03 0.00 | 34.53 -0.07 0.00 | 36.33 -0.67 0.00 | 40.71 -0.78 0.00 | 71.64 -1.97 0.00 | 43.42 -1.52 0.00 | 34.54 -1.49 0.00 | 31.69 -1.31 0.00 | 30.80 -1.34 0.00 | 34.17 -0.98 0.00 | 33.46 -0.51 0.00 |
| ERIE_WT_PWR 323693 | 37.39 0.23 0.00 | 29.06 -0.20 0.00 | 27.89 0.00 0.00 | 28.94 0.09 0.00 | 29.85 0.12 0.00 | 34.09 -0.08 0.00 | 37.58 -0.81 0.00 | 58.11 -1.35 0.00 | 33.00 -0.50 0.00 | 28.02 -0.34 0.00 | 27.76 -0.37 0.00 | 26.98 -0.34 0.00 | 28.25 -0.14 0.00 | 29.54 -0.55 0.00 | 33.95 -0.65 0.00 | 35.74 -1.26 0.00 | 39.53 -1.50 0.46 | 70.35 -3.26 0.00 | 42.64 -2.30 0.00 | 33.91 -2.12 0.00 | 31.15 -1.85 0.00 | 30.24 -1.89 0.00 | 33.63 -1.51 0.00 | 32.91 -1.06 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 38.87 1.71 0.00 | 30.54 1.28 0.00 | 29.10 1.21 0.00 | 30.10 1.25 0.00 | 31.08 1.35 0.00 | 35.81 1.64 0.00 | 40.38 1.99 0.00 | 62.68 3.21 0.00 | 35.13 1.62 0.00 | 29.68 1.32 0.00 | 29.47 1.34 0.00 | 28.65 1.32 0.00 | 29.84 1.45 0.00 | 31.48 1.39 0.00 | 36.22 1.61 0.00 | 38.88 1.88 0.00 | 43.82 2.33 0.00 | 78.03 4.43 0.00 | 47.56 2.61 0.00 | 37.95 1.92 0.00 | 34.58 1.58 0.00 | 33.46 1.33 0.00 | 36.60 1.46 0.00 | 35.29 1.32 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 38.02 0.85 0.00 | 29.81 0.55 0.00 | 28.46 0.57 0.00 | 29.47 0.62 0.00 | 30.42 0.69 0.00 | 35.03 0.87 0.00 | 39.40 1.01 0.00 | 61.13 1.67 0.00 | 34.35 0.84 0.00 | 28.90 0.53 0.00 | 28.57 0.44 0.00 | 27.68 0.35 0.00 | 28.74 0.35 0.00 | 30.33 0.24 0.00 | 34.98 0.37 0.00 | 37.58 0.58 0.00 | 42.35 0.86 0.00 | 75.24 1.63 0.00 | 45.88 0.94 0.00 | 36.67 0.64 0.00 | 33.53 0.52 0.00 | 32.56 0.42 0.00 | 35.57 0.42 0.00 | 34.41 0.45 0.00 |
| ETNA____115KV_TB2 80207 | 38.02 0.85 0.00 | 29.81 0.55 0.00 | 28.46 0.57 0.00 | 29.47 0.62 0.00 | 30.42 0.69 0.00 | 35.03 0.87 0.00 | 39.40 1.01 0.00 | 61.13 1.67 0.00 | 34.35 0.84 0.00 | 28.90 0.53 0.00 | 28.57 0.44 0.00 | 27.68 0.35 0.00 | 28.74 0.35 0.00 | 30.33 0.24 0.00 | 34.98 0.37 0.00 | 37.58 0.58 0.00 | 42.35 0.86 0.00 | 75.24 1.63 0.00 | 45.88 0.94 0.00 | 36.67 0.64 0.00 | 33.53 0.52 0.00 | 32.56 0.42 0.00 | 35.57 0.42 0.00 | 34.41 0.45 0.00 |
| EUCLID__115KV_TB2 356179 | 36.80 -0.35 0.00 | 28.91 -0.35 0.00 | 27.60 -0.29 0.00 | 28.55 -0.30 0.00 | 29.43 -0.30 0.00 | 33.73 -0.43 0.00 | 37.79 -0.60 0.00 | 58.56 -0.91 0.00 | 33.00 -0.50 0.00 | 27.93 -0.43 0.00 | 27.70 -0.43 0.00 | 26.89 -0.44 0.00 | 27.94 -0.44 0.00 | 29.50 -0.59 0.00 | 33.90 -0.71 0.00 | 36.26 -0.74 0.00 | 40.71 -0.78 0.00 | 72.22 -1.39 0.00 | 44.04 -0.90 0.00 | 35.26 -0.77 0.00 | 32.30 -0.70 0.00 | 31.44 -0.70 0.00 | 34.53 -0.61 0.00 | 33.43 -0.53 0.00 |
| E_CANADA_CAP_HY 24051 | 39.04 1.89 0.00 | 30.69 1.43 0.00 | 29.29 1.39 0.00 | 30.26 1.41 0.00 | 31.22 1.49 0.00 | 35.93 1.76 0.00 | 40.51 2.12 0.00 | 62.89 3.43 0.00 | 35.00 1.50 0.00 | 29.43 1.07 0.00 | 29.19 1.06 0.00 | 28.43 1.10 0.00 | 29.68 1.30 0.00 | 31.40 1.31 0.00 | 36.11 1.51 0.00 | 38.92 1.93 0.00 | 43.96 2.48 0.00 | 78.33 4.72 0.00 | 47.74 2.80 0.00 | 38.14 2.11 0.00 | 34.77 1.76 0.00 | 33.72 1.59 0.00 | 36.95 1.81 0.00 | 35.59 1.62 0.00 |
| E_CANADA_MHWK_HY 24050 | 37.04 -0.12 0.00 | 29.26 0.00 0.00 | 27.93 0.04 0.00 | 28.94 0.10 0.00 | 29.86 0.13 0.00 | 34.45 0.29 0.00 | 39.15 0.76 0.00 | 60.83 1.37 0.00 | 33.86 0.36 0.00 | 28.14 -0.22 0.00 | 27.79 -0.34 0.00 | 27.01 -0.32 0.00 | 28.06 -0.33 0.00 | 29.84 -0.25 0.00 | 34.52 -0.08 0.00 | 37.35 0.36 0.00 | 42.05 0.56 0.00 | 74.78 1.18 0.00 | 45.74 0.79 0.00 | 36.73 0.71 0.00 | 33.71 0.71 0.00 | 32.89 0.76 0.00 | 35.57 0.42 0.00 | 34.03 0.06 0.00 |
| E_FISHKILL__LBMP 23776 | 38.88 1.72 0.00 | 30.63 1.37 0.00 | 29.09 1.19 0.00 | 30.04 1.19 0.00 | 31.04 1.30 0.00 | 35.83 1.67 0.00 | 40.43 2.04 0.00 | 62.75 3.28 0.00 | 35.39 1.89 0.00 | 29.99 1.63 0.00 | 29.75 1.62 0.00 | 28.88 1.56 0.00 | 29.98 1.59 0.00 | 31.70 1.61 0.00 | 36.40 1.80 0.00 | 38.86 1.86 0.00 | 43.52 2.03 0.00 | 77.36 3.75 0.00 | 47.30 2.36 0.00 | 37.96 1.94 0.00 | 34.72 1.72 0.00 | 33.81 1.67 0.00 | 36.66 1.51 0.00 | 35.40 1.43 0.00 |
| FALCON___SEABRD_CC1 323796 | 34.87 -2.29 0.00 | 27.63 -1.63 0.00 | 26.23 -1.66 0.00 | 27.09 -1.76 0.00 | 27.60 -2.14 0.00 | 32.00 -2.16 0.00 | 36.38 -2.01 0.00 | 56.57 -2.90 0.00 | 31.74 -1.77 0.00 | 27.57 -0.79 0.00 | 27.93 -0.19 0.00 | 27.46 0.13 0.00 | 28.76 0.37 0.00 | 30.49 0.40 0.00 | 35.05 0.45 0.00 | 37.12 0.13 0.00 | 41.95 0.46 0.00 | 74.48 0.87 0.00 | 45.45 0.51 0.00 | 36.17 0.14 0.00 | 33.18 0.18 0.00 | 32.14 0.00 0.00 | 35.51 0.36 0.00 | 34.13 0.17 0.00 |

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| FALCON___SEABRD_CC2 323797 | 34.87 -2.29 0.00 | 27.63 -1.63 0.00 | 26.23 -1.66 0.00 | 27.09 -1.76 0.00 | 27.60 -2.14 0.00 | 32.00 -2.16 0.00 | 36.38 -2.01 0.00 | 56.57 -2.90 0.00 | 31.74 -1.77 0.00 | 27.57 -0.79 0.00 | 27.93 -0.19 0.00 | 27.46 0.13 0.00 | 28.76 0.37 0.00 | 30.49 0.40 0.00 | 35.05 0.45 0.00 | 37.12 0.13 0.00 | 41.95 0.46 0.00 | 74.48 0.87 0.00 | 45.45 0.51 0.00 | 36.17 0.14 0.00 | 33.18 0.18 0.00 | 32.14 0.00 0.00 | 35.51 0.36 0.00 | 34.13 0.17 0.00 |
| FAR ROCKAWAY___4 23548 | 39.74 2.58 0.00 | 31.31 2.05 0.00 | 29.64 1.74 0.00 | 30.63 1.78 0.00 | 31.65 1.91 0.00 | 36.60 2.44 0.00 | 41.37 2.98 0.00 | 64.14 4.68 0.00 | 36.21 2.71 0.00 | 30.60 2.24 0.00 | 30.57 2.43 0.00 | 29.64 2.31 0.00 | 30.83 2.44 0.00 | 32.60 2.51 0.00 | 37.34 2.74 0.00 | 39.90 2.89 0.00 | 53.50 3.24 -8.77 | 95.02 5.90 -15.51 | 56.20 3.63 -7.63 | 71.63 2.92 -32.68 | 56.52 2.68 -20.84 | 37.59 2.61 -2.84 | 37.58 2.43 0.00 | 36.26 2.30 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 39.49 2.34 0.00 | 31.04 1.78 0.00 | 29.42 1.53 0.00 | 30.35 1.50 0.00 | 31.36 1.63 0.00 | 36.23 2.07 0.00 | 40.86 2.48 0.00 | 63.49 4.03 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.31 2.18 0.00 | 29.42 2.10 0.00 | 30.55 2.16 0.00 | 32.28 2.19 0.00 | 36.97 2.37 0.00 | 39.41 2.41 0.00 | 44.14 2.65 0.00 | 78.47 4.86 0.00 | 47.98 3.04 0.00 | 38.49 2.47 0.00 | 35.18 2.18 0.00 | 34.27 2.13 0.00 | 37.15 2.01 0.00 | 35.88 1.91 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 39.49 2.33 0.00 | 31.04 1.78 0.00 | 29.42 1.52 0.00 | 30.35 1.50 0.00 | 31.36 1.63 0.00 | 36.22 2.06 0.00 | 40.86 2.47 0.00 | 63.49 4.02 0.00 | 35.86 2.36 0.00 | 30.49 2.13 0.00 | 30.29 2.17 0.00 | 29.41 2.09 0.00 | 30.54 2.15 0.00 | 32.26 2.17 0.00 | 36.96 2.36 0.00 | 39.39 2.39 0.00 | 44.13 2.64 0.00 | 78.46 4.86 0.00 | 47.97 3.03 0.00 | 38.49 2.46 0.00 | 35.17 2.18 0.00 | 34.27 2.13 0.00 | 37.14 1.99 0.00 | 35.87 1.90 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 39.47 2.31 0.00 | 31.02 1.76 0.00 | 29.41 1.52 0.00 | 30.34 1.50 0.00 | 31.35 1.61 0.00 | 36.21 2.05 0.00 | 40.84 2.45 0.00 | 63.47 4.00 0.00 | 35.86 2.36 0.00 | 30.48 2.12 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.14 0.00 | 32.26 2.17 0.00 | 36.96 2.35 0.00 | 39.39 2.39 0.00 | 44.12 2.63 0.00 | 78.42 4.81 0.00 | 47.95 3.01 0.00 | 38.48 2.45 0.00 | 35.16 2.16 0.00 | 34.26 2.12 0.00 | 37.13 1.98 0.00 | 35.86 1.89 0.00 |
| FARRAGUT___LBMP 323566 | 39.44 2.28 0.00 | 31.01 1.75 0.00 | 29.39 1.50 0.00 | 30.32 1.47 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.82 2.43 0.00 | 63.43 3.96 0.00 | 35.82 2.32 0.00 | 30.45 2.09 0.00 | 30.26 2.13 0.00 | 29.38 2.05 0.00 | 30.50 2.11 0.00 | 32.23 2.14 0.00 | 36.93 2.32 0.00 | 39.36 2.36 0.00 | 44.08 2.59 0.00 | 78.35 4.74 0.00 | 47.91 2.97 0.00 | 38.45 2.42 0.00 | 35.14 2.13 0.00 | 34.23 2.10 0.00 | 37.10 1.95 0.00 | 35.83 1.87 0.00 |
| FENNER___WINDPWR 24204 | 37.81 0.65 0.00 | 29.73 0.47 0.00 | 28.40 0.50 0.00 | 29.40 0.56 0.00 | 30.33 0.60 0.00 | 34.94 0.77 0.00 | 39.39 1.00 0.00 | 61.05 1.58 0.00 | 34.27 0.77 0.00 | 28.87 0.51 0.00 | 28.61 0.48 0.00 | 27.73 0.40 0.00 | 28.81 0.43 0.00 | 30.45 0.36 0.00 | 35.10 0.49 0.00 | 37.76 0.76 0.00 | 42.50 1.02 0.00 | 75.35 1.74 0.00 | 45.94 1.00 0.00 | 36.69 0.66 0.00 | 33.59 0.59 0.00 | 32.57 0.44 0.00 | 35.57 0.43 0.00 | 34.40 0.43 0.00 |
| FIBERTEK___ENERGY 23856 | 37.22 0.06 0.00 | 29.23 -0.03 0.00 | 27.91 0.02 0.00 | 28.88 0.04 0.00 | 29.77 0.04 0.00 | 34.14 -0.03 0.00 | 38.27 -0.12 0.00 | 59.33 -0.13 0.00 | 33.42 -0.08 0.00 | 28.25 -0.11 0.00 | 28.01 -0.12 0.00 | 27.19 -0.13 0.00 | 28.26 -0.13 0.00 | 29.82 -0.27 0.00 | 34.29 -0.32 0.00 | 36.71 -0.28 0.00 | 41.26 -0.23 0.00 | 73.21 -0.40 0.00 | 44.64 -0.31 0.00 | 35.74 -0.29 0.00 | 32.72 -0.28 0.00 | 31.85 -0.29 0.00 | 34.95 -0.19 0.00 | 33.82 -0.15 0.00 |
| FITZPATRICK____ 23598 | 36.25 -0.91 0.00 | 28.50 -0.76 0.00 | 27.20 -0.70 0.00 | 28.14 -0.71 0.00 | 28.99 -0.75 0.00 | 33.18 -0.99 0.00 | 37.13 -1.26 0.00 | 57.53 -1.93 0.00 | 32.43 -1.07 0.00 | 27.49 -0.87 0.00 | 27.28 -0.85 0.00 | 26.50 -0.82 0.00 | 27.54 -0.85 0.00 | 29.07 -1.02 0.00 | 33.38 -1.23 0.00 | 35.68 -1.32 0.00 | 40.05 -1.44 0.00 | 71.04 -2.57 0.00 | 43.34 -1.61 0.00 | 34.71 -1.32 0.00 | 31.80 -1.20 0.00 | 30.97 -1.16 0.00 | 34.08 -1.06 0.00 | 32.99 -0.98 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 39.60 2.44 0.00 | 31.33 2.07 0.00 | 29.58 1.68 0.00 | 30.61 1.76 0.00 | 31.54 1.81 0.00 | 36.50 2.33 0.00 | 41.28 2.89 0.00 | 63.91 4.44 0.00 | 35.99 2.49 0.00 | 30.28 1.92 0.00 | 30.43 2.30 0.00 | 29.50 2.18 0.00 | 30.73 2.34 0.00 | 32.47 2.38 0.00 | 37.09 2.49 0.00 | 39.88 2.88 0.00 | 50.33 3.41 -5.44 | 87.73 6.18 -7.94 | 53.38 3.70 -4.73 | 59.41 3.11 -20.27 | 45.95 2.90 -10.05 | 36.73 2.83 -1.77 | 37.88 2.74 0.00 | 36.58 2.61 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 39.37 2.22 0.00 | 30.99 1.73 0.00 | 29.43 1.54 0.00 | 30.40 1.56 0.00 | 31.43 1.69 0.00 | 36.32 2.16 0.00 | 41.03 2.64 0.00 | 63.71 4.25 0.00 | 35.90 2.40 0.00 | 30.39 2.02 0.00 | 30.12 1.99 0.00 | 29.23 1.90 0.00 | 30.34 1.95 0.00 | 32.09 2.00 0.00 | 36.90 2.30 0.00 | 39.42 2.42 0.00 | 44.23 2.74 0.00 | 78.68 5.07 0.00 | 48.10 3.15 0.00 | 38.59 2.57 0.00 | 35.28 2.27 0.00 | 34.31 2.18 0.00 | 37.18 2.03 0.00 | 35.87 1.91 0.00 |
| FORT ORANGE____ 23900 | 37.80 0.65 0.00 | 29.84 0.58 0.00 | 28.45 0.56 0.00 | 29.41 0.56 0.00 | 30.32 0.59 0.00 | 34.96 0.79 0.00 | 39.45 1.06 0.00 | 61.13 1.66 0.00 | 34.37 0.87 0.00 | 28.92 0.56 0.00 | 28.66 0.53 0.00 | 27.83 0.50 0.00 | 28.86 0.47 0.00 | 30.58 0.49 0.00 | 35.19 0.59 0.00 | 37.75 0.76 0.00 | 42.27 0.78 0.00 | 75.00 1.39 0.00 | 45.84 0.89 0.00 | 36.83 0.81 0.00 | 33.78 0.77 0.00 | 32.96 0.83 0.00 | 35.86 0.72 0.00 | 34.60 0.64 0.00 |
| FORT_DRUM_COGEN 23780 | 37.02 -0.14 0.00 | 29.14 -0.12 0.00 | 27.77 -0.12 0.00 | 28.70 -0.15 0.00 | 29.56 -0.18 0.00 | 34.08 -0.08 0.00 | 38.80 0.42 0.00 | 60.26 0.79 0.00 | 33.61 0.11 0.00 | 28.10 -0.26 0.00 | 27.66 -0.47 0.00 | 26.89 -0.44 0.00 | 28.00 -0.39 0.00 | 29.53 -0.56 0.00 | 34.00 -0.61 0.00 | 37.06 0.06 0.00 | 42.29 0.81 0.00 | 75.37 1.76 0.00 | 45.97 1.03 0.00 | 36.68 0.65 0.00 | 33.46 0.46 0.00 | 32.17 0.04 0.00 | 35.14 -0.01 0.00 | 33.73 -0.24 0.00 |
| FOX_HILLS___ESR 323835 | 39.78 2.62 0.00 | 31.26 2.00 0.00 | 29.64 1.75 0.00 | 30.60 1.76 0.00 | 31.60 1.87 0.00 | 36.41 2.25 0.00 | 41.04 2.65 0.00 | 63.36 3.90 0.00 | 35.78 2.28 0.00 | 30.40 2.03 0.00 | 30.16 2.03 0.00 | 29.29 1.96 0.00 | 30.41 2.02 0.00 | 32.11 2.02 0.00 | 36.79 2.19 0.00 | 39.29 2.29 0.00 | 44.01 2.52 0.00 | 78.18 4.57 0.00 | 47.88 2.94 0.00 | 38.44 2.41 0.00 | 35.12 2.12 0.00 | 34.20 2.07 0.00 | 37.01 1.87 0.00 | 35.84 1.87 0.00 |
| FPL FAR_ROCK_GT1 24212 | 39.74 2.58 0.00 | 31.31 2.05 0.00 | 29.64 1.74 0.00 | 30.63 1.79 0.00 | 31.65 1.92 0.00 | 36.61 2.44 0.00 | 41.37 2.98 0.00 | 64.15 4.68 0.00 | 36.21 2.71 0.00 | 30.60 2.24 0.00 | 30.57 2.43 0.00 | 29.64 2.31 0.00 | 30.82 2.44 0.00 | 32.60 2.51 0.00 | 37.34 2.74 0.00 | 39.90 2.90 0.00 | 53.51 3.25 -8.77 | 95.01 5.89 -15.51 | 56.20 3.62 -7.63 | 71.63 2.92 -32.68 | 56.52 2.68 -20.84 | 37.59 2.61 -2.84 | 37.58 2.44 0.00 | 36.26 2.30 0.00 |

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| FPL FAR_ROCK_GT2 23815 | 39.74 2.58 0.00 | 31.31 2.05 0.00 | 29.64 1.74 0.00 | 30.63 1.79 0.00 | 31.65 1.92 0.00 | 36.61 2.44 0.00 | 41.37 2.98 0.00 | 64.15 4.68 0.00 | 36.21 2.71 0.00 | 30.60 2.24 0.00 | 30.57 2.43 0.00 | 29.64 2.31 0.00 | 30.82 2.44 0.00 | 32.60 2.51 0.00 | 37.34 2.74 0.00 | 39.90 2.90 0.00 | 53.51 3.25 -8.77 | 95.01 5.89 -15.51 | 56.20 3.62 -7.63 | 71.63 2.92 -32.68 | 56.52 2.68 -20.84 | 37.59 2.61 -2.84 | 37.58 2.44 0.00 | 36.26 2.30 0.00 |
| FRANKLIN_FALL_HYD 24054 | 35.09 -2.07 0.00 | 27.74 -1.52 0.00 | 26.34 -1.56 0.00 | 27.16 -1.69 0.00 | 27.71 -2.02 0.00 | 32.13 -2.03 0.00 | 36.55 -1.84 0.00 | 56.69 -2.78 0.00 | 33.11 -0.39 0.00 | 29.42 1.05 0.00 | 29.20 1.06 0.00 | 28.58 1.25 0.00 | 29.90 1.51 0.00 | 31.48 1.39 0.00 | 36.34 1.74 0.00 | 38.79 1.79 0.00 | 44.08 2.59 0.00 | 78.74 5.13 0.00 | 48.05 3.11 0.00 | 38.16 2.13 0.00 | 34.85 1.85 0.00 | 33.62 1.48 0.00 | 37.06 1.92 0.00 | 35.57 1.60 0.00 |
| FREEPORT_EQUS_GT1 23764 | 39.52 2.37 0.00 | 31.16 1.90 0.00 | 29.49 1.59 0.00 | 30.48 1.64 0.00 | 31.47 1.74 0.00 | 36.42 2.25 0.00 | 41.16 2.77 0.00 | 63.88 4.42 0.00 | 36.01 2.51 0.00 | 30.42 2.06 0.00 | 30.40 2.27 0.00 | 29.45 2.13 0.00 | 30.63 2.24 0.00 | 32.39 2.30 0.00 | 37.12 2.51 0.00 | 39.65 2.65 0.00 | 51.63 2.86 -7.28 | 90.86 5.39 -11.86 | 54.64 3.37 -6.33 | 65.77 2.61 -27.12 | 51.04 2.48 -15.56 | 36.98 2.48 -2.36 | 37.45 2.31 0.00 | 36.14 2.17 0.00 |
| FREEPORT___CT2 23818 | 39.52 2.37 0.00 | 31.16 1.90 0.00 | 29.49 1.59 0.00 | 30.48 1.64 0.00 | 31.47 1.74 0.00 | 36.42 2.25 0.00 | 41.16 2.77 0.00 | 63.88 4.42 0.00 | 36.01 2.51 0.00 | 30.42 2.06 0.00 | 30.40 2.27 0.00 | 29.45 2.13 0.00 | 30.63 2.24 0.00 | 32.39 2.30 0.00 | 37.12 2.51 0.00 | 39.65 2.65 0.00 | 51.63 2.86 -7.28 | 90.86 5.39 -11.86 | 54.64 3.37 -6.33 | 65.77 2.61 -27.12 | 51.04 2.48 -15.56 | 36.98 2.48 -2.36 | 37.45 2.31 0.00 | 36.14 2.17 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 39.97 2.81 0.00 | 31.41 2.15 0.00 | 29.79 1.90 0.00 | 30.76 1.91 0.00 | 31.76 2.03 0.00 | 36.53 2.37 0.00 | 41.14 2.75 0.00 | 63.29 3.83 0.00 | 35.72 2.21 0.00 | 30.33 1.97 0.00 | 30.08 1.95 0.00 | 29.20 1.88 0.00 | 30.31 1.92 0.00 | 32.02 1.93 0.00 | 36.69 2.09 0.00 | 39.21 2.21 0.00 | 43.93 2.44 0.00 | 78.08 4.48 0.00 | 47.83 2.88 0.00 | 38.38 2.36 0.00 | 35.06 2.06 0.00 | 34.15 2.02 0.00 | 36.94 1.80 0.00 | 35.83 1.86 0.00 |
| FULTON COGEN____ 23766 | 36.71 -0.45 0.00 | 28.84 -0.42 0.00 | 27.50 -0.40 0.00 | 28.44 -0.41 0.00 | 29.32 -0.42 0.00 | 33.60 -0.57 0.00 | 37.65 -0.74 0.00 | 58.36 -1.10 0.00 | 32.85 -0.65 0.00 | 27.80 -0.56 0.00 | 27.54 -0.58 0.00 | 26.74 -0.59 0.00 | 27.78 -0.61 0.00 | 29.32 -0.77 0.00 | 33.73 -0.88 0.00 | 36.13 -0.87 0.00 | 40.61 -0.88 0.00 | 72.07 -1.54 0.00 | 43.96 -0.98 0.00 | 35.20 -0.83 0.00 | 32.25 -0.75 0.00 | 31.38 -0.76 0.00 | 34.47 -0.68 0.00 | 33.36 -0.61 0.00 |
| FULTON___LFGE 323630 | 39.17 2.01 0.00 | 30.82 1.56 0.00 | 29.38 1.48 0.00 | 30.37 1.53 0.00 | 31.36 1.63 0.00 | 36.14 1.98 0.00 | 40.84 2.45 0.00 | 63.37 3.91 0.00 | 35.01 1.51 0.00 | 29.11 0.75 0.00 | 28.80 0.67 0.00 | 28.04 0.72 0.00 | 29.22 0.83 0.00 | 30.94 0.85 0.00 | 35.70 1.09 0.00 | 38.94 1.94 0.00 | 44.19 2.70 0.00 | 78.74 5.13 0.00 | 48.01 3.07 0.00 | 38.42 2.40 0.00 | 35.08 2.07 0.00 | 34.04 1.90 0.00 | 37.17 2.02 0.00 | 35.78 1.81 0.00 |
| G.F.CEMENT___DRP 24184 | 38.78 1.62 0.00 | 30.64 1.38 0.00 | 29.21 1.32 0.00 | 30.28 1.43 0.00 | 31.30 1.57 0.00 | 36.05 1.89 0.00 | 40.72 2.33 0.00 | 63.16 3.69 0.00 | 35.47 1.97 0.00 | 29.59 1.23 0.00 | 29.33 1.20 0.00 | 28.40 1.08 0.00 | 29.54 1.15 0.00 | 31.49 1.40 0.00 | 36.17 1.57 0.00 | 38.68 1.69 0.00 | 43.43 1.94 0.00 | 77.11 3.50 0.00 | 47.20 2.25 0.00 | 37.96 1.93 0.00 | 34.84 1.84 0.00 | 33.98 1.84 0.00 | 37.05 1.90 0.00 | 35.65 1.68 0.00 |
| GARDENVILLE___LBMP 24039 | 37.24 0.09 0.00 | 28.96 -0.31 0.00 | 27.78 -0.11 0.00 | 28.83 -0.02 0.00 | 29.73 0.00 0.00 | 33.99 -0.17 0.00 | 37.43 -0.96 0.00 | 57.88 -1.59 0.00 | 32.86 -0.65 0.00 | 27.89 -0.47 0.00 | 27.66 -0.47 0.00 | 26.89 -0.44 0.00 | 28.14 -0.24 0.00 | 29.43 -0.66 0.00 | 33.81 -0.79 0.00 | 35.60 -1.40 0.00 | 39.85 -1.63 0.00 | 70.03 -3.58 0.00 | 42.43 -2.51 0.00 | 33.74 -2.29 0.00 | 30.99 -2.01 0.00 | 30.11 -2.02 0.00 | 33.47 -1.67 0.00 | 32.80 -1.17 0.00 |
| GARDNVLA_35_KV_LD 355827 | 37.43 0.27 0.00 | 29.09 -0.17 0.00 | 27.91 0.02 0.00 | 28.97 0.12 0.00 | 29.87 0.14 0.00 | 34.16 0.00 0.00 | 37.62 -0.77 0.00 | 58.18 -1.29 0.00 | 33.04 -0.46 0.00 | 28.03 -0.33 0.00 | 27.80 -0.33 0.00 | 27.02 -0.31 0.00 | 28.30 -0.09 0.00 | 29.58 -0.51 0.00 | 34.00 -0.60 0.00 | 35.80 -1.20 0.00 | 40.08 -1.41 0.00 | 70.44 -3.17 0.00 | 42.69 -2.26 0.00 | 33.94 -2.09 0.00 | 31.18 -1.82 0.00 | 30.28 -1.86 0.00 | 33.65 -1.50 0.00 | 32.95 -1.01 0.00 |
| GELCKHM___115KV_LOAD 80723 | 36.95 -0.20 0.00 | 29.03 -0.23 0.00 | 27.72 -0.18 0.00 | 28.67 -0.18 0.00 | 29.56 -0.18 0.00 | 33.88 -0.29 0.00 | 37.96 -0.43 0.00 | 58.85 -0.62 0.00 | 33.16 -0.35 0.00 | 28.05 -0.31 0.00 | 27.82 -0.31 0.00 | 27.01 -0.32 0.00 | 28.07 -0.32 0.00 | 29.62 -0.46 0.00 | 34.06 -0.55 0.00 | 36.44 -0.56 0.00 | 40.92 -0.57 0.00 | 72.60 -1.01 0.00 | 44.27 -0.67 0.00 | 35.45 -0.58 0.00 | 32.46 -0.54 0.00 | 31.60 -0.54 0.00 | 34.70 -0.45 0.00 | 33.59 -0.37 0.00 |
| GENERAL___MILLS 23808 | 37.37 0.21 0.00 | 29.05 -0.21 0.00 | 27.87 -0.02 0.00 | 28.92 0.08 0.00 | 29.83 0.10 0.00 | 34.10 -0.07 0.00 | 37.57 -0.82 0.00 | 58.08 -1.39 0.00 | 32.98 -0.52 0.00 | 27.99 -0.37 0.00 | 27.75 -0.38 0.00 | 26.98 -0.35 0.00 | 28.24 -0.15 0.00 | 29.54 -0.55 0.00 | 33.95 -0.66 0.00 | 35.74 -1.26 0.00 | 40.01 -1.48 0.00 | 70.30 -3.31 0.00 | 42.60 -2.34 0.00 | 33.88 -2.15 0.00 | 31.12 -1.88 0.00 | 30.22 -1.91 0.00 | 33.60 -1.55 0.00 | 32.91 -1.06 0.00 |
| GE_PLASTICS___DRP 24183 | 37.77 0.61 0.00 | 29.80 0.54 0.00 | 28.40 0.51 0.00 | 29.35 0.51 0.00 | 30.27 0.54 0.00 | 34.87 0.71 0.00 | 39.31 0.92 0.00 | 60.86 1.39 0.00 | 34.28 0.77 0.00 | 28.92 0.56 0.00 | 28.68 0.55 0.00 | 27.86 0.53 0.00 | 28.90 0.51 0.00 | 30.62 0.53 0.00 | 35.20 0.60 0.00 | 37.69 0.69 0.00 | 42.17 0.69 0.00 | 74.79 1.18 0.00 | 45.72 0.78 0.00 | 36.72 0.70 0.00 | 33.67 0.66 0.00 | 32.85 0.71 0.00 | 35.75 0.60 0.00 | 34.51 0.54 0.00 |
| GILBOA___1 23756 | 38.02 0.86 0.00 | 29.96 0.70 0.00 | 28.53 0.63 0.00 | 29.49 0.64 0.00 | 30.44 0.70 0.00 | 35.06 0.90 0.00 | 39.48 1.09 0.00 | 61.08 1.62 0.00 | 34.50 1.00 0.00 | 29.17 0.80 0.00 | 28.92 0.79 0.00 | 28.08 0.75 0.00 | 29.15 0.77 0.00 | 30.83 0.74 0.00 | 35.44 0.84 0.00 | 37.88 0.88 0.00 | 42.38 0.89 0.00 | 75.18 1.57 0.00 | 45.95 1.01 0.00 | 36.92 0.89 0.00 | 33.81 0.81 0.00 | 32.94 0.81 0.00 | 35.85 0.70 0.00 | 34.63 0.67 0.00 |
| GILBOA___2 23757 | 38.02 0.86 0.00 | 29.96 0.70 0.00 | 28.53 0.63 0.00 | 29.49 0.64 0.00 | 30.44 0.70 0.00 | 35.06 0.90 0.00 | 39.48 1.09 0.00 | 61.08 1.62 0.00 | 34.50 1.00 0.00 | 29.17 0.80 0.00 | 28.92 0.79 0.00 | 28.08 0.75 0.00 | 29.15 0.77 0.00 | 30.83 0.74 0.00 | 35.44 0.84 0.00 | 37.88 0.88 0.00 | 42.38 0.89 0.00 | 75.18 1.57 0.00 | 45.95 1.01 0.00 | 36.92 0.89 0.00 | 33.81 0.81 0.00 | 32.94 0.81 0.00 | 35.85 0.70 0.00 | 34.63 0.67 0.00 |

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| GILBOA___3 23758 | 38.02 0.86 0.00 | 29.96 0.70 0.00 | 28.53 0.63 0.00 | 29.49 0.64 0.00 | 30.44 0.70 0.00 | 35.06 0.90 0.00 | 39.48 1.09 0.00 | 61.08 1.62 0.00 | 34.50 1.00 0.00 | 29.17 0.80 0.00 | 28.92 0.79 0.00 | 28.08 0.75 0.00 | 29.15 0.77 0.00 | 30.83 0.74 0.00 | 35.44 0.84 0.00 | 37.88 0.88 0.00 | 42.38 0.89 0.00 | 75.18 1.57 0.00 | 45.95 1.01 0.00 | 36.92 0.89 0.00 | 33.81 0.81 0.00 | 32.94 0.81 0.00 | 35.85 0.70 0.00 | 34.63 0.67 0.00 |
| GILBOA___4 23759 | 38.02 0.86 0.00 | 29.96 0.70 0.00 | 28.53 0.63 0.00 | 29.49 0.64 0.00 | 30.44 0.70 0.00 | 35.06 0.90 0.00 | 39.48 1.09 0.00 | 61.08 1.62 0.00 | 34.50 1.00 0.00 | 29.17 0.80 0.00 | 28.92 0.79 0.00 | 28.08 0.75 0.00 | 29.15 0.77 0.00 | 30.83 0.74 0.00 | 35.44 0.84 0.00 | 37.88 0.88 0.00 | 42.38 0.89 0.00 | 75.18 1.57 0.00 | 45.95 1.01 0.00 | 36.92 0.89 0.00 | 33.81 0.81 0.00 | 32.94 0.81 0.00 | 35.85 0.70 0.00 | 34.63 0.67 0.00 |
| GILBOA___ 23599 | 38.02 0.86 0.00 | 29.97 0.70 0.00 | 28.53 0.63 0.00 | 29.49 0.64 0.00 | 30.44 0.70 0.00 | 35.06 0.90 0.00 | 39.48 1.09 0.00 | 61.08 1.62 0.00 | 34.50 1.00 0.00 | 29.17 0.81 0.00 | 28.92 0.79 0.00 | 28.08 0.76 0.00 | 29.15 0.77 0.00 | 30.83 0.74 0.00 | 35.44 0.84 0.00 | 37.88 0.88 0.00 | 42.38 0.89 0.00 | 75.17 1.57 0.00 | 45.95 1.01 0.00 | 36.92 0.89 0.00 | 33.81 0.81 0.00 | 32.94 0.81 0.00 | 35.85 0.70 0.00 | 34.63 0.67 0.00 |
| GINNA___ 23603 | 35.31 -1.85 0.00 | 27.63 -1.64 0.00 | 26.40 -1.49 0.00 | 27.35 -1.49 0.00 | 28.23 -1.51 0.00 | 32.36 -1.81 0.00 | 36.11 -2.28 0.00 | 55.95 -3.51 0.00 | 31.60 -1.90 0.00 | 26.74 -1.62 0.00 | 26.49 -1.64 0.00 | 25.74 -1.59 0.00 | 26.82 -1.56 0.00 | 28.23 -1.86 0.00 | 32.48 -2.13 0.00 | 34.58 -2.42 0.00 | 38.62 -2.70 0.17 | 68.68 -4.93 0.00 | 41.77 -3.17 0.00 | 33.34 -2.69 0.00 | 30.51 -2.49 0.00 | 29.65 -2.49 0.00 | 32.70 -2.44 0.00 | 31.77 -2.19 0.00 |
| GLEN PARK___ 23778 | 37.13 -0.03 0.00 | 29.22 -0.04 0.00 | 27.85 -0.04 0.00 | 28.79 -0.06 0.00 | 29.65 -0.08 0.00 | 34.20 0.04 0.00 | 38.96 0.56 0.00 | 60.50 1.04 0.00 | 33.72 0.22 0.00 | 28.10 -0.26 0.00 | 27.63 -0.51 0.00 | 26.86 -0.47 0.00 | 27.97 -0.42 0.00 | 29.48 -0.61 0.00 | 33.92 -0.68 0.00 | 37.06 0.06 0.00 | 42.39 0.91 0.00 | 75.60 1.99 0.00 | 46.12 1.18 0.00 | 36.79 0.76 0.00 | 33.57 0.57 0.00 | 32.28 0.14 0.00 | 35.23 0.08 0.00 | 33.81 -0.16 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 39.66 2.50 0.00 | 31.17 1.90 0.00 | 29.54 1.65 0.00 | 30.48 1.64 0.00 | 31.50 1.77 0.00 | 36.38 2.22 0.00 | 41.02 2.63 0.00 | 63.72 4.25 0.00 | 36.02 2.51 0.00 | 30.63 2.27 0.00 | 30.43 2.30 0.00 | 29.54 2.22 0.00 | 30.67 2.28 0.00 | 32.41 2.32 0.00 | 37.09 2.49 0.00 | 39.55 2.55 0.00 | 44.29 2.80 0.00 | 78.71 5.10 0.00 | 48.16 3.21 0.00 | 38.66 2.64 0.00 | 35.31 2.31 0.00 | 34.41 2.27 0.00 | 37.28 2.13 0.00 | 36.02 2.05 0.00 |
| GLENWOOD_IC_1_G1 23712 | 39.47 2.31 0.00 | 31.08 1.82 0.00 | 29.44 1.55 0.00 | 30.43 1.58 0.00 | 31.44 1.70 0.00 | 36.33 2.17 0.00 | 41.04 2.65 0.00 | 63.71 4.24 0.00 | 35.95 2.45 0.00 | 30.45 2.09 0.00 | 30.35 2.22 0.00 | 29.43 2.10 0.00 | 30.58 2.19 0.00 | 32.34 2.25 0.00 | 37.08 2.47 0.00 | 39.58 2.58 -0.01 | 53.73 2.86 -9.38 | 94.11 5.22 -15.28 | 56.32 3.22 -8.16 | 73.59 2.62 -34.95 | 55.42 2.37 -20.05 | 37.47 2.29 -3.04 | 37.27 2.13 0.00 | 35.99 2.03 0.00 |
| GLENWOOD_IC_2_G1 23688 | 39.33 2.17 0.00 | 30.97 1.71 0.00 | 29.35 1.46 0.00 | 30.31 1.47 0.00 | 31.32 1.59 0.00 | 36.19 2.03 0.00 | 40.86 2.48 0.00 | 63.42 3.96 0.00 | 35.79 2.29 0.00 | 30.34 1.98 0.00 | 30.19 2.07 0.00 | 29.30 1.97 0.00 | 30.43 2.05 0.00 | 32.17 2.07 0.00 | 36.89 2.28 0.00 | 39.37 2.37 0.00 | 44.51 2.62 -0.40 | 79.04 4.78 -0.66 | 48.27 2.98 -0.35 | 39.94 2.42 -1.50 | 36.03 2.18 -0.86 | 34.38 2.12 -0.13 | 37.10 1.95 0.00 | 35.82 1.85 0.00 |
| GLENWOOD_IC_3_G1 23689 | 39.33 2.17 0.00 | 30.97 1.71 0.00 | 29.35 1.46 0.00 | 30.31 1.47 0.00 | 31.32 1.59 0.00 | 36.19 2.03 0.00 | 40.86 2.48 0.00 | 63.42 3.96 0.00 | 35.79 2.29 0.00 | 30.34 1.98 0.00 | 30.19 2.07 0.00 | 29.30 1.97 0.00 | 30.43 2.05 0.00 | 32.17 2.07 0.00 | 36.89 2.28 0.00 | 39.37 2.37 0.00 | 44.51 2.62 -0.40 | 79.04 4.78 -0.66 | 48.27 2.98 -0.35 | 39.94 2.42 -1.50 | 36.03 2.18 -0.86 | 34.38 2.12 -0.13 | 37.10 1.95 0.00 | 35.82 1.85 0.00 |
| GLENWOOD___4 23550 | 39.47 2.31 0.00 | 31.08 1.82 0.00 | 29.44 1.55 0.00 | 30.43 1.58 0.00 | 31.44 1.70 0.00 | 36.33 2.17 0.00 | 41.04 2.65 0.00 | 63.71 4.24 0.00 | 35.95 2.45 0.00 | 30.45 2.09 0.00 | 30.35 2.22 0.00 | 29.43 2.10 0.00 | 30.58 2.19 0.00 | 32.34 2.25 0.00 | 37.08 2.47 0.00 | 39.58 2.58 -0.01 | 53.73 2.86 -9.38 | 94.11 5.22 -15.28 | 56.32 3.22 -8.16 | 73.59 2.62 -34.95 | 55.42 2.37 -20.05 | 37.47 2.29 -3.04 | 37.27 2.13 0.00 | 35.99 2.03 0.00 |
| GLENWOOD___5 23614 | 39.47 2.31 0.00 | 31.08 1.82 0.00 | 29.44 1.55 0.00 | 30.43 1.58 0.00 | 31.44 1.70 0.00 | 36.33 2.17 0.00 | 41.04 2.65 0.00 | 63.71 4.24 0.00 | 35.95 2.45 0.00 | 30.45 2.09 0.00 | 30.35 2.22 0.00 | 29.43 2.10 0.00 | 30.58 2.19 0.00 | 32.34 2.25 0.00 | 37.08 2.47 0.00 | 39.58 2.58 -0.01 | 53.73 2.86 -9.38 | 94.11 5.22 -15.28 | 56.32 3.22 -8.16 | 73.59 2.62 -34.95 | 55.42 2.37 -20.05 | 37.47 2.29 -3.04 | 37.27 2.13 0.00 | 35.99 2.03 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 38.80 1.64 0.00 | 30.88 1.62 0.00 | 29.08 1.19 0.00 | 30.10 1.26 0.00 | 30.99 1.26 0.00 | 35.92 1.76 0.00 | 40.65 2.26 0.00 | 62.84 3.37 0.00 | 35.29 1.79 0.00 | 29.51 1.15 0.00 | 30.07 1.94 0.00 | 29.35 2.03 0.00 | 30.65 2.26 0.00 | 32.17 2.08 0.00 | 36.52 1.92 0.00 | 39.58 2.58 0.00 | 50.37 3.47 -5.42 | 88.31 6.81 -7.89 | 53.59 3.93 -4.71 | 59.66 3.46 -20.17 | 46.52 3.53 -9.98 | 37.46 3.57 -1.76 | 38.82 3.68 0.00 | 37.54 3.58 0.00 |
| GLOBE___DSASP 323697 | 36.13 -1.03 0.00 | 28.11 -1.15 0.00 | 26.97 -0.92 0.00 | 27.97 -0.87 0.00 | 28.83 -0.91 0.00 | 32.90 -1.27 0.00 | 36.07 -2.32 0.00 | 55.67 -3.79 0.00 | 31.68 -1.82 0.00 | 26.90 -1.46 0.00 | 26.70 -1.43 0.00 | 25.97 -1.35 0.00 | 27.18 -1.21 0.00 | 28.41 -1.68 0.00 | 32.62 -1.98 0.00 | 34.31 -2.69 0.00 | 38.37 -3.11 0.00 | 67.40 -6.21 0.00 | 40.87 -4.08 0.00 | 32.53 -3.49 0.00 | 29.90 -3.10 0.00 | 29.11 -3.02 0.00 | 32.49 -2.66 0.00 | 31.90 -2.06 0.00 |
| GOETHSLN___LBMP 323567 | 39.29 2.13 0.00 | 30.88 1.61 0.00 | 29.26 1.37 0.00 | 30.19 1.34 0.00 | 31.20 1.47 0.00 | 36.07 1.91 0.00 | 40.69 2.30 0.00 | 63.26 3.80 0.00 | 35.72 2.22 0.00 | 30.37 2.01 0.00 | 30.18 2.05 0.00 | 29.31 1.98 0.00 | 30.43 2.04 0.00 | 32.14 2.05 0.00 | 36.82 2.21 0.00 | 39.26 2.26 0.00 | 43.97 2.48 0.00 | 78.24 4.63 0.00 | 47.81 2.86 0.00 | 38.37 2.34 0.00 | 35.05 2.05 0.00 | 34.15 2.01 0.00 | 36.99 1.85 0.00 | 35.72 1.76 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 37.15 -0.01 0.00 | 29.04 -0.22 0.00 | 27.75 -0.15 0.00 | 28.80 -0.04 0.00 | 29.70 -0.04 0.00 | 34.06 -0.10 0.00 | 37.87 -0.52 0.00 | 58.63 -0.84 0.00 | 33.13 -0.37 0.00 | 28.00 -0.36 0.00 | 27.69 -0.44 0.00 | 26.91 -0.42 0.00 | 28.07 -0.31 0.00 | 29.48 -0.61 0.00 | 33.96 -0.65 0.00 | 36.10 -0.90 0.00 | 40.54 -0.95 0.00 | 71.73 -1.88 0.00 | 43.59 -1.36 0.00 | 34.74 -1.28 0.00 | 31.81 -1.19 0.00 | 30.91 -1.23 0.00 | 34.14 -1.01 0.00 | 33.26 -0.70 0.00 |

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| GOODYEAR_LAKE_HYD 323669 | 38.62 1.46 0.00 | 30.37 1.11 0.00 | 28.91 1.01 0.00 | 29.90 1.05 0.00 | 30.89 1.15 0.00 | 35.63 1.47 0.00 | 40.19 1.80 0.00 | 62.32 2.85 0.00 | 35.06 1.56 0.00 | 29.64 1.27 0.00 | 29.42 1.29 0.00 | 28.56 1.24 0.00 | 29.70 1.31 0.00 | 31.32 1.23 0.00 | 36.03 1.43 0.00 | 38.58 1.58 0.00 | 43.35 1.86 0.00 | 77.06 3.45 0.00 | 47.00 2.05 0.00 | 37.57 1.54 0.00 | 34.31 1.31 0.00 | 33.27 1.13 0.00 | 36.26 1.11 0.00 | 35.01 1.05 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 37.81 0.66 0.00 | 29.59 0.32 0.00 | 28.25 0.35 0.00 | 29.25 0.40 0.00 | 30.21 0.47 0.00 | 34.82 0.65 0.00 | 39.09 0.70 0.00 | 60.56 1.10 0.00 | 34.16 0.66 0.00 | 28.81 0.45 0.00 | 28.59 0.46 0.00 | 27.75 0.43 0.00 | 28.89 0.51 0.00 | 30.42 0.33 0.00 | 35.06 0.46 0.00 | 37.34 0.34 0.00 | 41.92 0.43 0.00 | 74.43 0.82 0.00 | 45.38 0.43 0.00 | 36.29 0.27 0.00 | 33.24 0.24 0.00 | 32.29 0.15 0.00 | 35.26 0.12 0.00 | 34.17 0.21 0.00 |
| GOUDEY___7 23579 | 37.81 0.66 0.00 | 29.59 0.32 0.00 | 28.25 0.35 0.00 | 29.25 0.40 0.00 | 30.21 0.47 0.00 | 34.82 0.65 0.00 | 39.09 0.70 0.00 | 60.56 1.10 0.00 | 34.16 0.66 0.00 | 28.81 0.45 0.00 | 28.59 0.46 0.00 | 27.75 0.43 0.00 | 28.89 0.51 0.00 | 30.42 0.33 0.00 | 35.06 0.46 0.00 | 37.34 0.34 0.00 | 41.92 0.43 0.00 | 74.43 0.82 0.00 | 45.38 0.43 0.00 | 36.29 0.27 0.00 | 33.24 0.24 0.00 | 32.29 0.15 0.00 | 35.26 0.12 0.00 | 34.17 0.21 0.00 |
| GOUDEY___8 23580 | 37.81 0.66 0.00 | 29.59 0.32 0.00 | 28.25 0.35 0.00 | 29.25 0.40 0.00 | 30.21 0.47 0.00 | 34.82 0.65 0.00 | 39.09 0.70 0.00 | 60.56 1.10 0.00 | 34.16 0.66 0.00 | 28.81 0.45 0.00 | 28.59 0.46 0.00 | 27.75 0.43 0.00 | 28.89 0.51 0.00 | 30.42 0.33 0.00 | 35.06 0.46 0.00 | 37.34 0.34 0.00 | 41.92 0.43 0.00 | 74.43 0.82 0.00 | 45.38 0.43 0.00 | 36.29 0.27 0.00 | 33.24 0.24 0.00 | 32.29 0.15 0.00 | 35.26 0.12 0.00 | 34.17 0.21 0.00 |
| GOWANUS_GT1_1 24077 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT1_2 24078 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT1_3 24079 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT1_4 24080 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT1_5 24084 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT1_6 24111 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT1_7 24112 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT1_8 24113 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT2_1 24114 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |
| GOWANUS_GT2_2 24115 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |
| GOWANUS_GT2_3 24116 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |

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| GOWANUS_GT2_4 24117 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |
| GOWANUS_GT2_5 24118 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |
| GOWANUS_GT2_6 24119 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |
| GOWANUS_GT2_7 24120 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |
| GOWANUS_GT2_8 24121 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |
| GOWANUS_GT3_1 24122 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT3_2 24123 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT3_3 24124 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT3_4 24125 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT3_5 24126 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT3_6 24127 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT3_7 24128 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT3_8 24129 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GOWANUS_GT4_1 24130 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.52 1.63 0.00 | 30.46 1.61 0.00 | 31.48 1.75 0.00 | 36.32 2.16 0.00 | 40.97 2.58 0.00 | 63.48 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.14 2.65 0.00 | 78.40 4.80 0.00 | 48.00 3.06 0.00 | 38.53 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.12 1.97 0.00 | 35.88 1.91 0.00 |
| GOWANUS_GT4_2 24131 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.52 1.63 0.00 | 30.46 1.61 0.00 | 31.48 1.75 0.00 | 36.32 2.16 0.00 | 40.97 2.58 0.00 | 63.48 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.14 2.65 0.00 | 78.40 4.80 0.00 | 48.00 3.06 0.00 | 38.53 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.12 1.97 0.00 | 35.88 1.91 0.00 |

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|---|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_3 24132 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.52 1.63 0.00 | 30.46 1.61 0.00 | 31.48 1.75 0.00 | 36.32 2.16 0.00 | 40.97 2.58 0.00 | 63.48 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.14 2.65 0.00 | 78.40 4.80 0.00 | 48.00 3.06 0.00 | 38.53 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.12 1.97 0.00 | 35.88 1.91 0.00 |
| GOWANUS_GT4_4 24133 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.52 1.63 0.00 | 30.46 1.61 0.00 | 31.48 1.75 0.00 | 36.32 2.16 0.00 | 40.97 2.58 0.00 | 63.48 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.14 2.65 0.00 | 78.40 4.80 0.00 | 48.00 3.06 0.00 | 38.53 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.12 1.97 0.00 | 35.88 1.91 0.00 |
| GOWANUS_GT4_5 24134 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.52 1.63 0.00 | 30.46 1.61 0.00 | 31.48 1.75 0.00 | 36.32 2.16 0.00 | 40.97 2.58 0.00 | 63.48 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.14 2.65 0.00 | 78.40 4.80 0.00 | 48.00 3.06 0.00 | 38.53 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.12 1.97 0.00 | 35.88 1.91 0.00 |
| GOWANUS_GT4_6 24135 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.52 1.63 0.00 | 30.46 1.61 0.00 | 31.48 1.75 0.00 | 36.32 2.16 0.00 | 40.97 2.58 0.00 | 63.48 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.14 2.65 0.00 | 78.40 4.80 0.00 | 48.00 3.06 0.00 | 38.53 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.12 1.97 0.00 | 35.88 1.91 0.00 |
| GOWANUS_GT4_7 24136 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.52 1.63 0.00 | 30.46 1.61 0.00 | 31.48 1.75 0.00 | 36.32 2.16 0.00 | 40.97 2.58 0.00 | 63.48 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.14 2.65 0.00 | 78.40 4.80 0.00 | 48.00 3.06 0.00 | 38.53 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.12 1.97 0.00 | 35.88 1.91 0.00 |
| GOWANUS_GT4_8 24137 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.52 1.63 0.00 | 30.46 1.61 0.00 | 31.48 1.75 0.00 | 36.32 2.16 0.00 | 40.97 2.58 0.00 | 63.48 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.14 2.65 0.00 | 78.40 4.80 0.00 | 48.00 3.06 0.00 | 38.53 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.12 1.97 0.00 | 35.88 1.91 0.00 |
| GREENBSH_115KV_TB3 55895 | 37.59 0.43 0.00 | 29.68 0.42 0.00 | 28.29 0.39 0.00 | 29.24 0.39 0.00 | 30.15 0.41 0.00 | 34.74 0.57 0.00 | 39.18 0.79 0.00 | 60.67 1.20 0.00 | 34.17 0.67 0.00 | 28.81 0.45 0.00 | 28.58 0.45 0.00 | 27.78 0.45 0.00 | 28.80 0.41 0.00 | 30.52 0.43 0.00 | 35.07 0.47 0.00 | 37.54 0.54 0.00 | 41.98 0.49 0.00 | 74.42 0.81 0.00 | 45.48 0.54 0.00 | 36.56 0.53 0.00 | 33.54 0.54 0.00 | 32.74 0.61 0.00 | 35.64 0.49 0.00 | 34.38 0.42 0.00 |
| GREENIDGE_115KV_TB5 80291 | 37.73 0.57 0.00 | 29.40 0.14 0.00 | 28.17 0.27 0.00 | 29.19 0.35 0.00 | 30.19 0.45 0.00 | 34.82 0.65 0.00 | 38.93 0.55 0.00 | 60.36 0.89 0.00 | 34.16 0.65 0.00 | 28.54 0.17 0.00 | 28.19 0.07 0.00 | 27.30 -0.02 0.00 | 28.43 0.04 0.00 | 29.94 -0.15 0.00 | 34.60 -0.01 0.00 | 36.99 0.00 0.00 | 41.44 -0.05 0.00 | 73.65 0.04 0.00 | 44.92 -0.03 0.00 | 35.96 -0.06 0.00 | 32.78 -0.23 0.00 | 31.75 -0.39 0.00 | 34.73 -0.41 0.00 | 33.78 -0.18 0.00 |
| GREENIDGE___3 23582 | 37.73 0.57 0.00 | 29.40 0.14 0.00 | 28.17 0.27 0.00 | 29.19 0.35 0.00 | 30.19 0.45 0.00 | 34.82 0.65 0.00 | 38.93 0.55 0.00 | 60.36 0.89 0.00 | 34.16 0.65 0.00 | 28.54 0.17 0.00 | 28.19 0.07 0.00 | 27.30 -0.02 0.00 | 28.43 0.04 0.00 | 29.94 -0.15 0.00 | 34.60 -0.01 0.00 | 36.99 0.00 0.00 | 41.44 -0.05 0.00 | 73.65 0.04 0.00 | 44.92 -0.03 0.00 | 35.96 -0.06 0.00 | 32.78 -0.23 0.00 | 31.75 -0.39 0.00 | 34.73 -0.41 0.00 | 33.78 -0.18 0.00 |
| GREENIDGE___4 23583 | 37.73 0.57 0.00 | 29.40 0.14 0.00 | 28.17 0.27 0.00 | 29.20 0.35 0.00 | 30.19 0.45 0.00 | 34.81 0.64 0.00 | 38.93 0.54 0.00 | 60.36 0.89 0.00 | 34.16 0.66 0.00 | 28.54 0.18 0.00 | 28.19 0.07 0.00 | 27.31 -0.02 0.00 | 28.43 0.04 0.00 | 29.95 -0.14 0.00 | 34.60 -0.01 0.00 | 37.00 0.00 0.00 | 41.51 -0.06 -0.08 | 73.66 0.05 0.00 | 44.92 -0.02 0.00 | 35.97 -0.06 0.00 | 32.77 -0.23 0.00 | 31.74 -0.39 0.00 | 34.73 -0.41 0.00 | 33.78 -0.18 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 39.23 2.07 0.00 | 30.96 1.70 0.00 | 29.27 1.38 0.00 | 30.27 1.43 0.00 | 31.23 1.50 0.00 | 36.12 1.96 0.00 | 40.87 2.48 0.00 | 63.39 3.92 0.00 | 35.74 2.23 0.00 | 30.15 1.79 0.00 | 30.20 2.07 0.00 | 29.26 1.93 0.00 | 30.42 2.03 0.00 | 32.19 2.10 0.00 | 36.86 2.25 0.00 | 39.45 2.44 0.00 | 49.75 2.72 -5.54 | 86.67 4.96 -8.11 | 52.78 3.01 -4.82 | 59.14 2.47 -20.65 | 45.56 2.29 -10.27 | 36.17 2.24 -1.80 | 37.18 2.04 0.00 | 35.93 1.96 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| GRISSOM___SOLAR 323813 | 39.10 1.94 0.00 | 30.79 1.53 0.00 | 29.34 1.45 0.00 | 30.34 1.50 0.00 | 31.33 1.60 0.00 | 36.11 1.94 0.00 | 40.80 2.41 0.00 | 63.29 3.83 0.00 | 34.90 1.40 0.00 | 28.95 0.59 0.00 | 28.63 0.50 0.00 | 27.87 0.55 0.00 | 29.01 0.62 0.00 | 30.73 0.64 0.00 | 35.46 0.85 0.00 | 38.82 1.83 0.00 | 44.08 2.59 0.00 | 78.52 4.92 0.00 | 47.89 2.95 0.00 | 38.35 2.32 0.00 | 35.02 2.02 0.00 | 34.01 1.87 0.00 | 37.11 1.97 0.00 | 35.74 1.77 0.00 |
| GROVEVILLE___HYD 323602 | 39.37 2.22 0.00 | 30.99 1.73 0.00 | 29.43 1.54 0.00 | 30.40 1.56 0.00 | 31.43 1.69 0.00 | 36.32 2.16 0.00 | 41.03 2.64 0.00 | 63.71 4.25 0.00 | 35.90 2.40 0.00 | 30.39 2.02 0.00 | 30.12 1.99 0.00 | 29.23 1.90 0.00 | 30.34 1.95 0.00 | 32.09 2.00 0.00 | 36.90 2.30 0.00 | 39.42 2.42 0.00 | 44.23 2.74 0.00 | 78.68 5.07 0.00 | 48.10 3.15 0.00 | 38.59 2.57 0.00 | 35.28 2.27 0.00 | 34.31 2.18 0.00 | 37.18 2.03 0.00 | 35.87 1.91 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 37.22 0.06 0.00 | 29.23 -0.03 0.00 | 27.91 0.02 0.00 | 28.88 0.04 0.00 | 29.77 0.04 0.00 | 34.14 -0.03 0.00 | 38.27 -0.12 0.00 | 59.33 -0.13 0.00 | 33.42 -0.08 0.00 | 28.25 -0.11 0.00 | 28.01 -0.12 0.00 | 27.19 -0.13 0.00 | 28.26 -0.13 0.00 | 29.82 -0.27 0.00 | 34.29 -0.32 0.00 | 36.71 -0.28 0.00 | 41.26 -0.23 0.00 | 73.21 -0.40 0.00 | 44.64 -0.31 0.00 | 35.74 -0.29 0.00 | 32.72 -0.28 0.00 | 31.85 -0.29 0.00 | 34.95 -0.19 0.00 | 33.82 -0.15 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 37.30 0.14 0.00 | 29.30 0.04 0.00 | 27.98 0.08 0.00 | 28.95 0.11 0.00 | 29.86 0.13 0.00 | 34.23 0.07 0.00 | 38.38 -0.01 0.00 | 59.54 0.07 0.00 | 33.55 0.04 0.00 | 28.32 -0.04 0.00 | 28.02 -0.11 0.00 | 27.22 -0.11 0.00 | 28.29 -0.09 0.00 | 29.86 -0.23 0.00 | 34.31 -0.30 0.00 | 36.73 -0.26 0.00 | 41.28 -0.20 0.00 | 73.27 -0.34 0.00 | 44.65 -0.29 0.00 | 35.75 -0.27 0.00 | 32.71 -0.29 0.00 | 31.86 -0.28 0.00 | 34.95 -0.19 0.00 | 33.81 -0.16 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 36.16 -1.00 0.00 | 28.51 -0.75 0.00 | 27.07 -0.83 0.00 | 27.94 -0.91 0.00 | 28.67 -1.07 0.00 | 33.15 -1.02 0.00 | 37.72 -0.67 0.00 | 58.42 -1.05 0.00 | 32.72 -0.78 0.00 | 27.93 -0.42 0.00 | 27.74 -0.39 0.00 | 27.07 -0.26 0.00 | 28.27 -0.12 0.00 | 29.86 -0.23 0.00 | 34.45 -0.15 0.00 | 37.01 0.01 0.00 | 41.99 0.50 0.00 | 74.76 1.15 0.00 | 45.61 0.67 0.00 | 36.31 0.29 0.00 | 33.17 0.17 0.00 | 31.97 -0.17 0.00 | 35.15 0.01 0.00 | 33.81 -0.16 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 36.80 -0.36 0.00 | 29.07 -0.19 0.00 | 27.82 -0.07 0.00 | 28.83 -0.02 0.00 | 29.71 -0.02 0.00 | 34.23 0.07 0.00 | 38.88 0.49 0.00 | 60.51 1.05 0.00 | 33.78 0.28 0.00 | 28.25 -0.12 0.00 | 27.93 -0.19 0.00 | 27.16 -0.17 0.00 | 28.24 -0.15 0.00 | 29.99 -0.10 0.00 | 34.69 0.08 0.00 | 37.43 0.43 0.00 | 42.10 0.61 0.00 | 74.86 1.25 0.00 | 45.76 0.82 0.00 | 36.73 0.70 0.00 | 33.68 0.68 0.00 | 32.82 0.68 0.00 | 35.52 0.38 0.00 | 33.89 -0.07 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 39.20 2.05 0.00 | 30.82 1.56 0.00 | 29.25 1.36 0.00 | 30.22 1.37 0.00 | 31.25 1.51 0.00 | 36.14 1.97 0.00 | 40.80 2.41 0.00 | 63.33 3.87 0.00 | 35.68 2.18 0.00 | 30.24 1.88 0.00 | 30.01 1.88 0.00 | 29.14 1.81 0.00 | 30.24 1.85 0.00 | 31.93 1.84 0.00 | 36.71 2.10 0.00 | 39.18 2.18 0.00 | 43.95 2.46 0.00 | 78.25 4.64 0.00 | 47.81 2.87 0.00 | 38.34 2.31 0.00 | 35.04 2.03 0.00 | 34.08 1.95 0.00 | 36.91 1.76 0.00 | 35.61 1.64 0.00 |
| HARSNRAD_115KV_TB1 81005 | 36.56 -0.60 0.00 | 28.45 -0.82 0.00 | 27.28 -0.61 0.00 | 28.32 -0.53 0.00 | 29.19 -0.55 0.00 | 33.35 -0.82 0.00 | 36.62 -1.77 0.00 | 56.82 -2.65 0.00 | 32.33 -1.17 0.00 | 27.42 -0.94 0.00 | 27.18 -0.95 0.00 | 26.41 -0.91 0.00 | 27.64 -0.75 0.00 | 28.91 -1.18 0.00 | 33.23 -1.37 0.00 | 35.04 -1.96 0.00 | 39.25 -2.24 0.00 | 68.97 -4.64 0.00 | 41.80 -3.14 0.00 | 33.26 -2.76 0.00 | 30.55 -2.45 0.00 | 29.71 -2.43 0.00 | 33.08 -2.07 0.00 | 32.49 -1.47 0.00 |
| HARZA MOOSE___RIVER 24016 | 37.50 0.34 0.00 | 29.54 0.28 0.00 | 28.15 0.26 0.00 | 29.11 0.26 0.00 | 30.00 0.26 0.00 | 34.61 0.45 0.00 | 39.22 0.83 0.00 | 60.84 1.37 0.00 | 34.09 0.59 0.00 | 28.66 0.30 0.00 | 28.35 0.22 0.00 | 27.53 0.20 0.00 | 28.62 0.24 0.00 | 30.27 0.18 0.00 | 34.90 0.29 0.00 | 37.68 0.68 0.00 | 42.61 1.13 0.00 | 75.77 2.17 0.00 | 46.24 1.30 0.00 | 36.93 0.90 0.00 | 33.75 0.74 0.00 | 32.58 0.44 0.00 | 35.55 0.41 0.00 | 34.22 0.26 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 36.99 -0.17 0.00 | 29.05 -0.21 0.00 | 27.73 -0.17 0.00 | 28.69 -0.16 0.00 | 29.58 -0.15 0.00 | 33.92 -0.24 0.00 | 38.01 -0.38 0.00 | 58.90 -0.56 0.00 | 33.19 -0.31 0.00 | 28.07 -0.29 0.00 | 27.85 -0.27 0.00 | 27.03 -0.30 0.00 | 28.09 -0.29 0.00 | 29.65 -0.44 0.00 | 34.09 -0.52 0.00 | 36.46 -0.54 0.00 | 40.94 -0.54 0.00 | 72.61 -1.00 0.00 | 44.28 -0.66 0.00 | 35.45 -0.58 0.00 | 32.46 -0.54 0.00 | 31.59 -0.55 0.00 | 34.68 -0.46 0.00 | 33.59 -0.37 0.00 |
| HELLGATE_13_KV_LD 55870 | 39.51 2.35 0.00 | 31.06 1.80 0.00 | 29.44 1.55 0.00 | 30.38 1.53 0.00 | 31.39 1.66 0.00 | 36.24 2.08 0.00 | 40.84 2.45 0.00 | 63.38 3.92 0.00 | 35.84 2.34 0.00 | 30.49 2.13 0.00 | 30.28 2.16 0.00 | 29.40 2.08 0.00 | 30.53 2.14 0.00 | 32.25 2.16 0.00 | 36.89 2.29 0.00 | 39.35 2.36 0.00 | 44.05 2.56 0.00 | 78.25 4.65 0.00 | 47.88 2.95 0.00 | 38.45 2.43 0.00 | 35.13 2.13 0.00 | 34.24 2.10 0.00 | 37.12 1.97 0.00 | 35.88 1.92 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 39.51 2.35 0.00 | 31.06 1.80 0.00 | 29.44 1.55 0.00 | 30.38 1.53 0.00 | 31.39 1.66 0.00 | 36.24 2.08 0.00 | 40.84 2.45 0.00 | 63.38 3.92 0.00 | 35.84 2.34 0.00 | 30.49 2.13 0.00 | 30.28 2.16 0.00 | 29.40 2.08 0.00 | 30.53 2.14 0.00 | 32.25 2.16 0.00 | 36.89 2.29 0.00 | 39.35 2.36 0.00 | 44.05 2.56 0.00 | 78.25 4.65 0.00 | 47.88 2.95 0.00 | 38.45 2.43 0.00 | 35.13 2.13 0.00 | 34.24 2.10 0.00 | 37.12 1.97 0.00 | 35.88 1.92 0.00 |
| HEMPSTEAD____ 23647 | 39.31 2.15 0.00 | 30.99 1.72 0.00 | 29.33 1.43 0.00 | 30.31 1.47 0.00 | 31.32 1.58 0.00 | 36.21 2.04 0.00 | 40.93 2.54 0.00 | 63.50 4.03 0.00 | 35.81 2.31 0.00 | 30.29 1.93 0.00 | 30.23 2.11 0.00 | 29.32 1.99 0.00 | 30.48 2.10 0.00 | 32.24 2.15 0.00 | 36.93 2.33 0.00 | 39.45 2.45 0.00 | 52.29 2.72 -8.09 | 91.75 4.97 -13.18 | 55.05 3.07 -7.03 | 68.63 2.47 -30.14 | 52.57 2.28 -17.29 | 37.01 2.25 -2.62 | 37.20 2.05 0.00 | 35.91 1.94 0.00 |
| HEWLETT_69_KV_BK3 55828 | 39.59 2.43 0.00 | 31.19 1.93 0.00 | 29.52 1.63 0.00 | 30.51 1.67 0.00 | 31.53 1.79 0.00 | 36.46 2.29 0.00 | 41.19 2.80 0.00 | 63.87 4.41 0.00 | 36.04 2.54 0.00 | 30.48 2.12 0.00 | 30.45 2.32 0.00 | 29.52 2.19 0.00 | 30.70 2.31 0.00 | 32.46 2.37 0.00 | 37.18 2.58 0.00 | 39.73 2.72 0.00 | 53.30 3.04 -8.77 | 94.61 5.49 -15.51 | 55.97 3.40 -7.63 | 71.45 2.74 -32.68 | 56.36 2.52 -20.84 | 37.43 2.45 -2.84 | 37.42 2.28 0.00 | 36.12 2.16 0.00 |
| HICKLING___1 23621 | 37.62 0.46 0.00 | 29.16 -0.10 0.00 | 27.99 0.09 0.00 | 29.02 0.17 0.00 | 30.05 0.31 0.00 | 34.75 0.59 0.00 | 38.86 0.47 0.00 | 60.14 0.68 0.00 | 33.98 0.48 0.00 | 28.48 0.12 0.00 | 28.28 0.15 0.00 | 27.43 0.10 0.00 | 28.65 0.26 0.00 | 30.06 -0.03 0.00 | 34.73 0.13 0.00 | 36.76 -0.23 0.00 | 41.23 -0.25 0.00 | 73.16 -0.45 0.00 | 44.54 -0.40 0.00 | 35.50 -0.53 0.00 | 32.51 -0.49 0.00 | 31.48 -0.66 0.00 | 34.32 -0.82 0.00 | 33.46 -0.50 0.00 |
| HICKLING___2 23622 | 37.62 0.46 0.00 | 29.16 -0.10 0.00 | 27.99 0.09 0.00 | 29.02 0.17 0.00 | 30.05 0.31 0.00 | 34.75 0.59 0.00 | 38.86 0.47 0.00 | 60.14 0.68 0.00 | 33.98 0.48 0.00 | 28.48 0.12 0.00 | 28.28 0.15 0.00 | 27.43 0.10 0.00 | 28.65 0.26 0.00 | 30.06 -0.03 0.00 | 34.73 0.13 0.00 | 36.76 -0.23 0.00 | 41.23 -0.25 0.00 | 73.16 -0.45 0.00 | 44.54 -0.40 0.00 | 35.50 -0.53 0.00 | 32.51 -0.49 0.00 | 31.48 -0.66 0.00 | 34.32 -0.82 0.00 | 33.46 -0.50 0.00 |
| HIGH FALLS___HY 23754 | 39.42 2.26 0.00 | 30.97 1.71 0.00 | 29.39 1.50 0.00 | 30.36 1.52 0.00 | 31.41 1.68 0.00 | 36.32 2.16 0.00 | 41.05 2.66 0.00 | 63.77 4.31 0.00 | 35.97 2.47 0.00 | 30.44 2.08 0.00 | 30.10 1.97 0.00 | 29.16 1.83 0.00 | 30.27 1.88 0.00 | 32.03 1.94 0.00 | 36.87 2.26 0.00 | 39.41 2.42 0.00 | 44.34 2.85 0.00 | 79.03 5.42 0.00 | 48.29 3.35 0.00 | 38.73 2.71 0.00 | 35.38 2.37 0.00 | 34.37 2.24 0.00 | 37.20 2.06 0.00 | 35.88 1.92 0.00 |
| HIGH_RIVER___SOLAR 323847 | 38.50 1.34 0.00 | 30.34 1.08 0.00 | 28.91 1.02 0.00 | 29.91 1.06 0.00 | 30.86 1.13 0.00 | 35.54 1.38 0.00 | 40.08 1.69 0.00 | 62.10 2.63 0.00 | 34.62 1.12 0.00 | 28.91 0.55 0.00 | 28.47 0.34 0.00 | 27.63 0.31 0.00 | 28.73 0.34 0.00 | 30.51 0.41 0.00 | 35.31 0.70 0.00 | 38.27 1.27 0.00 | 43.20 1.71 0.00 | 76.76 3.16 0.00 | 46.89 1.94 0.00 | 37.58 1.55 0.00 | 34.38 1.38 0.00 | 33.44 1.31 0.00 | 36.48 1.34 0.00 | 35.19 1.22 0.00 |

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| HILLBURN___GT 23639 | 39.12 1.96 0.00 | 30.73 1.47 0.00 | 29.15 1.26 0.00 | 30.11 1.27 0.00 | 31.14 1.41 0.00 | 36.03 1.87 0.00 | 40.68 2.29 0.00 | 63.14 3.67 0.00 | 35.59 2.09 0.00 | 30.18 1.82 0.00 | 29.99 1.86 0.00 | 29.12 1.79 0.00 | 30.23 1.84 0.00 | 31.91 1.82 0.00 | 36.64 2.03 0.00 | 39.09 2.09 0.00 | 43.81 2.32 0.00 | 78.01 4.40 0.00 | 47.66 2.72 0.00 | 38.22 2.20 0.00 | 34.92 1.92 0.00 | 33.99 1.85 0.00 | 36.78 1.64 0.00 | 35.51 1.55 0.00 |
| HILLSIDE_115KV_TB1 80332 | 37.12 -0.04 0.00 | 28.75 -0.51 0.00 | 27.60 -0.29 0.00 | 28.59 -0.26 0.00 | 29.60 -0.13 0.00 | 34.27 0.10 0.00 | 38.32 -0.07 0.00 | 59.28 -0.19 0.00 | 33.54 0.04 0.00 | 28.12 -0.24 0.00 | 27.97 -0.16 0.00 | 27.16 -0.17 0.00 | 28.38 0.00 0.00 | 29.77 -0.32 0.00 | 34.39 -0.21 0.00 | 36.33 -0.66 0.00 | 40.75 -0.74 0.00 | 72.41 -1.19 0.00 | 44.10 -0.84 0.00 | 35.21 -0.82 0.00 | 32.29 -0.71 0.00 | 31.28 -0.85 0.00 | 34.08 -1.07 0.00 | 33.21 -0.75 0.00 |
| HISHELDN_WT_PWR 323625 | 37.12 -0.04 0.00 | 28.85 -0.41 0.00 | 27.69 -0.20 0.00 | 28.75 -0.10 0.00 | 29.67 -0.06 0.00 | 33.98 -0.18 0.00 | 37.56 -0.83 0.00 | 58.05 -1.41 0.00 | 32.89 -0.61 0.00 | 27.81 -0.55 0.00 | 27.57 -0.55 0.00 | 26.76 -0.56 0.00 | 28.00 -0.39 0.00 | 29.30 -0.79 0.00 | 33.72 -0.89 0.00 | 35.60 -1.40 0.00 | 39.57 -1.66 0.25 | 70.06 -3.55 0.00 | 42.44 -2.50 0.00 | 33.75 -2.27 0.00 | 30.94 -2.06 0.00 | 30.01 -2.13 0.00 | 33.23 -1.91 0.00 | 32.55 -1.41 0.00 |
| HOLTSVILLE_IC_1 23690 | 39.46 2.30 0.00 | 31.23 1.97 0.00 | 29.49 1.59 0.00 | 30.51 1.66 0.00 | 31.45 1.71 0.00 | 36.37 2.21 0.00 | 41.11 2.72 0.00 | 63.61 4.15 0.00 | 35.83 2.33 0.00 | 30.16 1.80 0.00 | 30.32 2.19 0.00 | 29.40 2.08 0.00 | 30.62 2.24 0.00 | 32.34 2.25 0.00 | 36.95 2.34 0.00 | 39.70 2.70 0.00 | 50.03 3.14 -5.41 | 87.11 5.63 -7.87 | 53.03 3.39 -4.70 | 59.02 2.86 -20.13 | 45.63 2.67 -9.96 | 36.51 2.62 -1.75 | 37.70 2.55 0.00 | 36.41 2.45 0.00 |
| HOLTSVILLE_IC_10 23699 | 39.59 2.43 0.00 | 31.35 2.09 0.00 | 29.58 1.69 0.00 | 30.61 1.77 0.00 | 31.55 1.81 0.00 | 36.50 2.34 0.00 | 41.25 2.86 0.00 | 63.81 4.35 0.00 | 35.95 2.45 0.00 | 30.23 1.86 0.00 | 30.42 2.29 0.00 | 29.50 2.17 0.00 | 30.73 2.34 0.00 | 32.45 2.36 0.00 | 37.04 2.44 0.00 | 39.85 2.85 0.00 | 50.30 3.37 -5.44 | 87.62 6.06 -7.95 | 53.30 3.62 -4.74 | 59.38 3.07 -20.28 | 45.93 2.86 -10.06 | 36.72 2.82 -1.77 | 37.91 2.76 0.00 | 36.59 2.62 0.00 |
| HOLTSVILLE_IC_2 23691 | 39.46 2.30 0.00 | 31.23 1.97 0.00 | 29.49 1.59 0.00 | 30.51 1.66 0.00 | 31.45 1.71 0.00 | 36.37 2.21 0.00 | 41.11 2.72 0.00 | 63.61 4.15 0.00 | 35.83 2.33 0.00 | 30.16 1.80 0.00 | 30.32 2.19 0.00 | 29.40 2.08 0.00 | 30.62 2.24 0.00 | 32.34 2.25 0.00 | 36.95 2.34 0.00 | 39.70 2.70 0.00 | 50.03 3.14 -5.41 | 87.11 5.63 -7.87 | 53.03 3.39 -4.70 | 59.02 2.86 -20.13 | 45.63 2.67 -9.96 | 36.51 2.62 -1.75 | 37.70 2.55 0.00 | 36.41 2.45 0.00 |
| HOLTSVILLE_IC_3 23692 | 39.46 2.30 0.00 | 31.23 1.97 0.00 | 29.49 1.59 0.00 | 30.51 1.66 0.00 | 31.45 1.71 0.00 | 36.37 2.21 0.00 | 41.11 2.72 0.00 | 63.61 4.15 0.00 | 35.83 2.33 0.00 | 30.16 1.80 0.00 | 30.32 2.19 0.00 | 29.40 2.08 0.00 | 30.62 2.24 0.00 | 32.34 2.25 0.00 | 36.95 2.34 0.00 | 39.70 2.70 0.00 | 50.03 3.14 -5.41 | 87.11 5.63 -7.87 | 53.03 3.39 -4.70 | 59.02 2.86 -20.13 | 45.63 2.67 -9.96 | 36.51 2.62 -1.75 | 37.70 2.55 0.00 | 36.41 2.45 0.00 |
| HOLTSVILLE_IC_4 23693 | 39.46 2.30 0.00 | 31.23 1.97 0.00 | 29.49 1.59 0.00 | 30.51 1.66 0.00 | 31.45 1.71 0.00 | 36.37 2.21 0.00 | 41.11 2.72 0.00 | 63.61 4.15 0.00 | 35.83 2.33 0.00 | 30.16 1.80 0.00 | 30.32 2.19 0.00 | 29.40 2.08 0.00 | 30.62 2.24 0.00 | 32.34 2.25 0.00 | 36.95 2.34 0.00 | 39.70 2.70 0.00 | 50.03 3.14 -5.41 | 87.11 5.63 -7.87 | 53.03 3.39 -4.70 | 59.02 2.86 -20.13 | 45.63 2.67 -9.96 | 36.51 2.62 -1.75 | 37.70 2.55 0.00 | 36.41 2.45 0.00 |
| HOLTSVILLE_IC_5 23694 | 39.46 2.30 0.00 | 31.23 1.97 0.00 | 29.49 1.59 0.00 | 30.51 1.66 0.00 | 31.45 1.71 0.00 | 36.37 2.21 0.00 | 41.11 2.72 0.00 | 63.61 4.15 0.00 | 35.83 2.33 0.00 | 30.16 1.80 0.00 | 30.32 2.19 0.00 | 29.40 2.08 0.00 | 30.62 2.24 0.00 | 32.34 2.25 0.00 | 36.95 2.34 0.00 | 39.70 2.70 0.00 | 50.03 3.14 -5.41 | 87.11 5.63 -7.87 | 53.03 3.39 -4.70 | 59.02 2.86 -20.13 | 45.63 2.67 -9.96 | 36.51 2.62 -1.75 | 37.70 2.55 0.00 | 36.41 2.45 0.00 |
| HOLTSVILLE_IC_6 23695 | 39.59 2.43 0.00 | 31.35 2.09 0.00 | 29.58 1.69 0.00 | 30.61 1.77 0.00 | 31.55 1.81 0.00 | 36.50 2.34 0.00 | 41.25 2.86 0.00 | 63.81 4.35 0.00 | 35.95 2.45 0.00 | 30.23 1.86 0.00 | 30.42 2.29 0.00 | 29.50 2.17 0.00 | 30.73 2.34 0.00 | 32.45 2.36 0.00 | 37.04 2.44 0.00 | 39.85 2.85 0.00 | 50.30 3.37 -5.44 | 87.62 6.06 -7.95 | 53.30 3.62 -4.74 | 59.38 3.07 -20.28 | 45.93 2.86 -10.06 | 36.72 2.82 -1.77 | 37.91 2.76 0.00 | 36.59 2.62 0.00 |
| HOLTSVILLE_IC_7 23696 | 39.59 2.43 0.00 | 31.35 2.09 0.00 | 29.58 1.69 0.00 | 30.61 1.77 0.00 | 31.55 1.81 0.00 | 36.50 2.34 0.00 | 41.25 2.86 0.00 | 63.81 4.35 0.00 | 35.95 2.45 0.00 | 30.23 1.86 0.00 | 30.42 2.29 0.00 | 29.50 2.17 0.00 | 30.73 2.34 0.00 | 32.45 2.36 0.00 | 37.04 2.44 0.00 | 39.85 2.85 0.00 | 50.30 3.37 -5.44 | 87.62 6.06 -7.95 | 53.30 3.62 -4.74 | 59.38 3.07 -20.28 | 45.93 2.86 -10.06 | 36.72 2.82 -1.77 | 37.91 2.76 0.00 | 36.59 2.62 0.00 |
| HOLTSVILLE_IC_8 23697 | 39.59 2.43 0.00 | 31.35 2.09 0.00 | 29.58 1.69 0.00 | 30.61 1.77 0.00 | 31.55 1.81 0.00 | 36.50 2.34 0.00 | 41.25 2.86 0.00 | 63.81 4.35 0.00 | 35.95 2.45 0.00 | 30.23 1.86 0.00 | 30.42 2.29 0.00 | 29.50 2.17 0.00 | 30.73 2.34 0.00 | 32.45 2.36 0.00 | 37.04 2.44 0.00 | 39.85 2.85 0.00 | 50.30 3.37 -5.44 | 87.62 6.06 -7.95 | 53.30 3.62 -4.74 | 59.38 3.07 -20.28 | 45.93 2.86 -10.06 | 36.72 2.82 -1.77 | 37.91 2.76 0.00 | 36.59 2.62 0.00 |
| HOLTSVILLE_IC_9 23698 | 39.59 2.43 0.00 | 31.35 2.09 0.00 | 29.58 1.69 0.00 | 30.61 1.77 0.00 | 31.55 1.81 0.00 | 36.50 2.34 0.00 | 41.25 2.86 0.00 | 63.81 4.35 0.00 | 35.95 2.45 0.00 | 30.23 1.86 0.00 | 30.42 2.29 0.00 | 29.50 2.17 0.00 | 30.73 2.34 0.00 | 32.45 2.36 0.00 | 37.04 2.44 0.00 | 39.85 2.85 0.00 | 50.30 3.37 -5.44 | 87.62 6.06 -7.95 | 53.30 3.62 -4.74 | 59.38 3.07 -20.28 | 45.93 2.86 -10.06 | 36.72 2.82 -1.77 | 37.91 2.76 0.00 | 36.59 2.62 0.00 |
| HOMER_HL_115KV_TB2 355744 | 38.36 1.20 0.00 | 29.72 0.46 0.00 | 28.47 0.57 0.00 | 29.59 0.74 0.00 | 30.56 0.82 0.00 | 34.89 0.72 0.00 | 38.59 0.20 0.00 | 59.92 0.45 0.00 | 33.88 0.38 0.00 | 29.02 0.66 0.00 | 28.85 0.72 0.00 | 28.16 0.83 0.00 | 29.51 1.12 0.00 | 30.76 0.67 0.00 | 35.13 0.52 0.00 | 36.75 -0.25 0.00 | 41.13 -0.36 0.00 | 72.53 -1.08 0.00 | 43.99 -0.96 0.00 | 35.00 -1.03 0.00 | 32.03 -0.97 0.00 | 31.25 -0.88 0.00 | 34.45 -0.70 0.00 | 33.74 -0.22 0.00 |
| HOWARD_WT_PWR 323690 | 37.69 0.53 0.00 | 29.25 -0.01 0.00 | 28.18 0.29 0.00 | 29.27 0.43 0.00 | 30.30 0.57 0.00 | 35.00 0.84 0.00 | 39.07 0.68 0.00 | 60.47 1.01 0.00 | 34.14 0.64 0.00 | 28.65 0.29 0.00 | 28.34 0.21 0.00 | 27.41 0.09 0.00 | 28.61 0.22 0.00 | 30.01 -0.08 0.00 | 34.56 -0.04 0.00 | 36.67 -0.33 0.00 | 41.05 -0.44 0.00 | 72.61 -1.00 0.00 | 44.05 -0.90 0.00 | 34.84 -1.18 0.00 | 31.62 -1.38 0.00 | 30.56 -1.58 0.00 | 33.48 -1.67 0.00 | 32.70 -1.27 0.00 |

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| HQ_GEN_CEDARS 23644 | 35.22 -1.94 0.00 | 27.79 -1.48 0.00 | 26.35 -1.55 0.00 | 27.20 -1.65 0.00 | 27.75 -1.99 0.00 | 32.12 -2.04 0.00 | 36.49 -1.90 0.00 | 56.32 -3.14 0.00 | 31.54 -1.96 0.00 | 27.58 -0.78 0.00 | 27.65 -0.49 0.00 | 27.13 -0.19 0.00 | 28.41 0.02 0.00 | 30.02 -0.07 0.00 | 34.60 0.00 0.00 | 36.68 -0.32 0.00 | 41.32 -0.17 0.00 | 73.30 -0.31 0.00 | 44.66 -0.28 0.00 | 35.50 -0.53 0.00 | 32.53 -0.47 0.00 | 31.49 -0.65 0.00 | 34.98 -0.17 0.00 | 33.72 -0.24 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 35.22 -1.94 0.00 | 27.79 -1.47 0.00 | 26.35 -1.54 0.00 | 27.20 -1.65 0.00 | 27.75 -1.99 0.00 | 32.13 -2.04 0.00 | 36.49 -1.90 0.00 | 56.32 -3.14 0.00 | 31.54 -1.96 0.00 | 27.58 -0.78 0.00 | 27.65 -0.48 0.00 | 27.13 -0.19 0.00 | 28.41 0.02 0.00 | 30.02 -0.07 0.00 | 34.60 0.00 0.00 | 36.68 -0.32 0.00 | 41.32 -0.17 0.00 | 73.30 -0.30 0.00 | 44.66 -0.28 0.00 | 35.50 -0.53 0.00 | 32.53 -0.47 0.00 | 31.49 -0.65 0.00 | 34.98 -0.17 0.00 | 33.72 -0.24 0.00 |
| HQ_GEN_IMPORT 323601 | 37.16 0.00 0.00 | 29.26 0.00 0.00 | 27.89 0.00 0.00 | 28.84 0.00 0.00 | 29.73 0.00 0.00 | 34.16 0.00 0.00 | 38.39 0.00 0.00 | 59.42 0.00 0.04 | 33.50 0.00 0.00 | 28.36 0.00 0.00 | 28.21 0.00 -0.08 | 27.32 0.00 0.00 | 28.39 0.00 0.00 | 30.09 0.00 0.00 | 34.60 0.00 0.00 | 37.00 0.00 0.00 | 41.64 0.00 -0.16 | 73.61 0.00 0.00 | 42.19 0.00 2.75 | 36.03 0.00 0.00 | 33.00 0.00 0.00 | 32.14 0.00 0.00 | 35.14 0.00 0.00 | 33.96 0.00 0.00 |
| HQ_GEN_WHEEL 23651 | 37.16 0.00 0.00 | 29.26 0.00 0.00 | 27.89 0.00 0.00 | 28.84 0.00 0.00 | 29.73 0.00 0.00 | 34.16 0.00 0.00 | 38.39 0.00 0.00 | 59.42 0.00 0.04 | 33.50 0.00 0.00 | 28.36 0.00 0.00 | 28.21 0.00 -0.08 | 27.32 0.00 0.00 | 28.39 0.00 0.00 | 30.09 0.00 0.00 | 34.60 0.00 0.00 | 37.00 0.00 0.00 | 41.64 0.00 -0.16 | 73.61 0.00 0.00 | 42.19 0.00 2.75 | 36.03 0.00 0.00 | 33.00 0.00 0.00 | 32.14 0.00 0.00 | 35.14 0.00 0.00 | 33.96 0.00 0.00 |
| HUDSON AVE_GT_3 23810 | 39.51 2.35 0.00 | 31.06 1.79 0.00 | 29.44 1.55 0.00 | 30.37 1.53 0.00 | 31.38 1.64 0.00 | 36.24 2.08 0.00 | 40.88 2.50 0.00 | 63.55 4.08 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.32 2.19 0.00 | 29.44 2.11 0.00 | 30.57 2.19 0.00 | 32.29 2.20 0.00 | 36.99 2.39 0.00 | 39.43 2.43 0.00 | 44.17 2.69 0.00 | 78.53 4.92 0.00 | 48.01 3.07 0.00 | 38.52 2.49 0.00 | 35.20 2.20 0.00 | 34.30 2.16 0.00 | 37.16 2.02 0.00 | 35.89 1.93 0.00 |
| HUDSON AVE_GT_4 23540 | 39.51 2.35 0.00 | 31.06 1.79 0.00 | 29.44 1.55 0.00 | 30.37 1.53 0.00 | 31.38 1.64 0.00 | 36.24 2.08 0.00 | 40.88 2.50 0.00 | 63.55 4.08 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.32 2.19 0.00 | 29.44 2.11 0.00 | 30.57 2.19 0.00 | 32.29 2.20 0.00 | 36.99 2.39 0.00 | 39.43 2.43 0.00 | 44.17 2.69 0.00 | 78.53 4.92 0.00 | 48.01 3.07 0.00 | 38.52 2.49 0.00 | 35.20 2.20 0.00 | 34.30 2.16 0.00 | 37.16 2.02 0.00 | 35.89 1.93 0.00 |
| HUDSON AVE_GT_5 23657 | 39.51 2.35 0.00 | 31.06 1.79 0.00 | 29.44 1.55 0.00 | 30.37 1.53 0.00 | 31.38 1.64 0.00 | 36.24 2.08 0.00 | 40.88 2.50 0.00 | 63.55 4.08 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.32 2.19 0.00 | 29.44 2.11 0.00 | 30.57 2.19 0.00 | 32.29 2.20 0.00 | 36.99 2.39 0.00 | 39.43 2.43 0.00 | 44.17 2.69 0.00 | 78.53 4.92 0.00 | 48.01 3.07 0.00 | 38.52 2.49 0.00 | 35.20 2.20 0.00 | 34.30 2.16 0.00 | 37.16 2.02 0.00 | 35.89 1.93 0.00 |
| HUDSON_AVE_10 24168 | 39.36 2.21 0.00 | 30.94 1.68 0.00 | 29.31 1.42 0.00 | 30.22 1.37 0.00 | 31.21 1.48 0.00 | 36.06 1.89 0.00 | 40.66 2.28 0.00 | 63.17 3.70 0.00 | 35.68 2.18 0.00 | 30.34 1.98 0.00 | 30.15 2.01 0.00 | 29.27 1.95 0.00 | 30.39 2.00 0.00 | 32.11 2.02 0.00 | 36.77 2.17 0.00 | 39.19 2.20 0.00 | 43.90 2.41 0.00 | 78.65 4.44 -0.60 | 47.74 2.80 0.00 | 38.30 2.28 0.00 | 36.04 2.00 -1.03 | -6.57 1.96 40.67 | 36.93 1.79 0.01 | 35.69 1.73 0.00 |
| HUDSON___115KV_TB 4 355613 | 38.36 1.20 0.00 | 30.28 1.02 0.00 | 28.87 0.98 0.00 | 29.86 1.02 0.00 | 30.81 1.07 0.00 | 35.53 1.37 0.00 | 40.19 1.80 0.00 | 62.30 2.84 0.00 | 34.91 1.41 0.00 | 29.18 0.82 0.00 | 28.81 0.68 0.00 | 27.96 0.63 0.00 | 28.98 0.60 0.00 | 30.75 0.66 0.00 | 35.49 0.88 0.00 | 38.32 1.33 0.00 | 43.04 1.55 0.00 | 76.47 2.87 0.00 | 46.76 1.81 0.00 | 37.52 1.50 0.00 | 34.40 1.40 0.00 | 33.53 1.39 0.00 | 36.46 1.32 0.00 | 35.15 1.18 0.00 |
| HUNTER MOUNT___DRP 323613 | 38.53 1.37 0.00 | 30.42 1.16 0.00 | 29.03 1.13 0.00 | 30.03 1.18 0.00 | 30.98 1.24 0.00 | 35.74 1.58 0.00 | 40.45 2.06 0.00 | 62.72 3.25 0.00 | 35.07 1.57 0.00 | 29.19 0.83 0.00 | 28.77 0.64 0.00 | 27.92 0.59 0.00 | 28.94 0.56 0.00 | 30.73 0.64 0.00 | 35.50 0.90 0.00 | 38.48 1.48 0.00 | 43.25 1.76 0.00 | 76.84 3.23 0.00 | 46.97 2.03 0.00 | 37.70 1.67 0.00 | 34.56 1.56 0.00 | 33.67 1.54 0.00 | 36.63 1.48 0.00 | 35.29 1.32 0.00 |
| HUNTINGTON_RES_REC 323705 | 39.38 2.22 0.00 | 31.11 1.85 0.00 | 29.39 1.50 0.00 | 30.40 1.55 0.00 | 31.36 1.62 0.00 | 36.28 2.12 0.00 | 41.05 2.66 0.00 | 63.62 4.15 0.00 | 35.84 2.33 0.00 | 30.19 1.83 0.00 | 30.27 2.14 0.00 | 29.34 2.01 0.00 | 30.53 2.15 0.00 | 32.28 2.19 0.00 | 36.94 2.33 0.00 | 39.64 2.64 0.00 | 49.99 3.03 -5.47 | 87.13 5.54 -7.98 | 53.04 3.35 -4.76 | 59.18 2.78 -20.37 | 45.69 2.59 -10.10 | 36.43 2.52 -1.77 | 37.51 2.36 0.00 | 36.22 2.25 0.00 |
| HUNTLEY___63 23557 | 36.98 -0.18 0.00 | 28.76 -0.50 0.00 | 27.59 -0.30 0.00 | 28.64 -0.21 0.00 | 29.52 -0.22 0.00 | 33.76 -0.40 0.00 | 37.09 -1.30 0.00 | 57.42 -2.04 0.00 | 32.66 -0.84 0.00 | 27.72 -0.64 0.00 | 27.49 -0.64 0.00 | 26.71 -0.61 0.00 | 27.95 -0.44 0.00 | 29.25 -0.84 0.00 | 33.61 -1.00 0.00 | 35.39 -1.61 0.00 | 39.63 -1.86 0.00 | 69.69 -3.92 0.00 | 42.23 -2.71 0.00 | 33.58 -2.45 0.00 | 30.85 -2.15 0.00 | 29.99 -2.15 0.00 | 33.38 -1.77 0.00 | 32.75 -1.22 0.00 |
| HUNTLEY___64 23558 | 36.98 -0.18 0.00 | 28.76 -0.50 0.00 | 27.59 -0.30 0.00 | 28.64 -0.21 0.00 | 29.52 -0.22 0.00 | 33.76 -0.40 0.00 | 37.09 -1.30 0.00 | 57.42 -2.04 0.00 | 32.66 -0.84 0.00 | 27.72 -0.64 0.00 | 27.49 -0.64 0.00 | 26.71 -0.61 0.00 | 27.95 -0.44 0.00 | 29.25 -0.84 0.00 | 33.61 -1.00 0.00 | 35.39 -1.61 0.00 | 39.63 -1.86 0.00 | 69.69 -3.92 0.00 | 42.23 -2.71 0.00 | 33.58 -2.45 0.00 | 30.85 -2.15 0.00 | 29.99 -2.15 0.00 | 33.38 -1.77 0.00 | 32.75 -1.22 0.00 |
| HUNTLEY___65 23559 | 36.98 -0.18 0.00 | 28.76 -0.50 0.00 | 27.59 -0.30 0.00 | 28.64 -0.21 0.00 | 29.52 -0.22 0.00 | 33.76 -0.40 0.00 | 37.09 -1.30 0.00 | 57.42 -2.04 0.00 | 32.66 -0.84 0.00 | 27.72 -0.64 0.00 | 27.49 -0.64 0.00 | 26.71 -0.61 0.00 | 27.95 -0.44 0.00 | 29.25 -0.84 0.00 | 33.61 -1.00 0.00 | 35.39 -1.61 0.00 | 39.63 -1.86 0.00 | 69.69 -3.92 0.00 | 42.23 -2.71 0.00 | 33.58 -2.45 0.00 | 30.85 -2.15 0.00 | 29.99 -2.15 0.00 | 33.38 -1.77 0.00 | 32.75 -1.22 0.00 |
| HUNTLEY___66 23560 | 36.98 -0.18 0.00 | 28.76 -0.50 0.00 | 27.59 -0.30 0.00 | 28.64 -0.21 0.00 | 29.52 -0.22 0.00 | 33.76 -0.40 0.00 | 37.09 -1.30 0.00 | 57.42 -2.04 0.00 | 32.66 -0.84 0.00 | 27.72 -0.64 0.00 | 27.49 -0.64 0.00 | 26.71 -0.61 0.00 | 27.95 -0.44 0.00 | 29.25 -0.84 0.00 | 33.61 -1.00 0.00 | 35.39 -1.61 0.00 | 39.63 -1.86 0.00 | 69.69 -3.92 0.00 | 42.23 -2.71 0.00 | 33.58 -2.45 0.00 | 30.85 -2.15 0.00 | 29.99 -2.15 0.00 | 33.38 -1.77 0.00 | 32.75 -1.22 0.00 |

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| HUNTLEY___67 23561 | 36.75 -0.40 0.00 | 28.58 -0.68 0.00 | 27.41 -0.48 0.00 | 28.45 -0.40 0.00 | 29.32 -0.41 0.00 | 33.50 -0.66 0.00 | 36.84 -1.55 0.00 | 56.93 -2.54 0.00 | 32.35 -1.16 0.00 | 27.45 -0.91 0.00 | 27.24 -0.89 0.00 | 26.49 -0.83 0.00 | 27.72 -0.66 0.00 | 28.99 -1.10 0.00 | 33.30 -1.31 0.00 | 35.04 -1.96 0.00 | 39.22 -2.27 0.00 | 68.91 -4.70 0.00 | 41.77 -3.17 0.00 | 33.24 -2.79 0.00 | 30.53 -2.47 0.00 | 29.69 -2.45 0.00 | 33.05 -2.09 0.00 | 32.41 -1.55 0.00 |
| HUNTLEY___68 23562 | 36.75 -0.40 0.00 | 28.58 -0.68 0.00 | 27.41 -0.48 0.00 | 28.45 -0.40 0.00 | 29.32 -0.41 0.00 | 33.50 -0.66 0.00 | 36.84 -1.55 0.00 | 56.93 -2.54 0.00 | 32.35 -1.16 0.00 | 27.45 -0.91 0.00 | 27.24 -0.89 0.00 | 26.49 -0.83 0.00 | 27.72 -0.66 0.00 | 28.99 -1.10 0.00 | 33.30 -1.31 0.00 | 35.04 -1.96 0.00 | 39.22 -2.27 0.00 | 68.91 -4.70 0.00 | 41.77 -3.17 0.00 | 33.24 -2.79 0.00 | 30.53 -2.47 0.00 | 29.69 -2.45 0.00 | 33.05 -2.09 0.00 | 32.41 -1.55 0.00 |
| HYLAND___LFG 323620 | 38.77 1.61 0.00 | 30.12 0.85 0.00 | 28.90 1.01 0.00 | 29.98 1.14 0.00 | 31.03 1.30 0.00 | 35.73 1.57 0.00 | 40.05 1.66 0.00 | 62.16 2.70 0.00 | 34.98 1.48 0.00 | 29.07 0.71 0.00 | 28.25 0.12 0.00 | 27.31 -0.02 0.00 | 28.53 0.14 0.00 | 29.92 -0.17 0.00 | 34.54 -0.06 0.00 | 37.30 0.30 0.00 | 42.42 1.00 0.07 | 75.39 1.78 0.00 | 45.85 0.90 0.00 | 36.47 0.45 0.00 | 33.28 0.28 0.00 | 32.18 0.04 0.00 | 35.29 0.15 0.00 | 34.35 0.39 0.00 |
| INDECK___CORINTH 23802 | 38.22 1.06 0.00 | 30.19 0.92 0.00 | 28.77 0.87 0.00 | 29.82 0.97 0.00 | 30.84 1.10 0.00 | 35.53 1.37 0.00 | 40.10 1.71 0.00 | 62.21 2.74 0.00 | 34.93 1.43 0.00 | 29.21 0.85 0.00 | 28.93 0.81 0.00 | 28.03 0.71 0.00 | 29.15 0.76 0.00 | 31.04 0.95 0.00 | 35.60 1.00 0.00 | 38.07 1.08 0.00 | 42.73 1.24 0.00 | 75.85 2.25 0.00 | 46.43 1.49 0.00 | 37.34 1.31 0.00 | 34.25 1.25 0.00 | 33.44 1.30 0.00 | 36.50 1.35 0.00 | 35.12 1.16 0.00 |
| INDECK___ILION 23567 | 37.19 0.03 0.00 | 29.33 0.07 0.00 | 27.97 0.08 0.00 | 28.95 0.10 0.00 | 29.85 0.12 0.00 | 34.37 0.20 0.00 | 38.84 0.45 0.00 | 60.23 0.77 0.00 | 33.76 0.26 0.00 | 28.39 0.03 0.00 | 28.12 -0.01 0.00 | 27.31 -0.01 0.00 | 28.38 -0.01 0.00 | 30.11 0.02 0.00 | 34.71 0.11 0.00 | 37.31 0.31 0.00 | 41.89 0.40 0.00 | 74.40 0.79 0.00 | 45.47 0.53 0.00 | 36.47 0.44 0.00 | 33.43 0.43 0.00 | 32.56 0.43 0.00 | 35.45 0.30 0.00 | 34.09 0.13 0.00 |
| INDECK___OLEAN 23982 | 38.36 1.20 0.00 | 29.72 0.45 0.00 | 28.47 0.58 0.00 | 29.59 0.75 0.00 | 30.56 0.82 0.00 | 34.86 0.69 0.00 | 38.59 0.20 0.00 | 59.91 0.44 0.00 | 33.88 0.38 0.00 | 29.02 0.66 0.00 | 28.85 0.72 0.00 | 28.16 0.83 0.00 | 29.51 1.12 0.00 | 30.77 0.68 0.00 | 35.13 0.52 0.00 | 36.74 -0.26 0.00 | 40.44 -0.41 0.63 | 72.53 -1.08 0.00 | 43.99 -0.95 0.00 | 35.00 -1.03 0.00 | 32.03 -0.97 0.00 | 31.25 -0.89 0.00 | 34.45 -0.70 0.00 | 33.74 -0.22 0.00 |
| INDECK___OSWEGO 23783 | 36.55 -0.61 0.00 | 28.74 -0.52 0.00 | 27.41 -0.48 0.00 | 28.35 -0.49 0.00 | 29.22 -0.51 0.00 | 33.46 -0.70 0.00 | 37.51 -0.88 0.00 | 58.13 -1.33 0.00 | 32.74 -0.76 0.00 | 27.69 -0.66 0.00 | 27.46 -0.67 0.00 | 26.68 -0.65 0.00 | 27.71 -0.67 0.00 | 29.25 -0.84 0.00 | 33.60 -1.00 0.00 | 35.99 -1.01 0.00 | 40.45 -1.04 0.00 | 71.78 -1.83 0.00 | 43.79 -1.15 0.00 | 35.07 -0.96 0.00 | 32.13 -0.87 0.00 | 31.26 -0.87 0.00 | 34.36 -0.79 0.00 | 33.23 -0.73 0.00 |
| INDECK___YERKES 23781 | 37.02 -0.14 0.00 | 28.78 -0.48 0.00 | 27.61 -0.28 0.00 | 28.66 -0.18 0.00 | 29.54 -0.19 0.00 | 33.77 -0.40 0.00 | 37.12 -1.27 0.00 | 57.47 -1.99 0.00 | 32.69 -0.81 0.00 | 27.75 -0.61 0.00 | 27.52 -0.61 0.00 | 26.74 -0.59 0.00 | 27.97 -0.42 0.00 | 29.29 -0.80 0.00 | 33.64 -0.96 0.00 | 35.42 -1.58 0.00 | 39.22 -1.86 0.41 | 69.74 -3.87 0.00 | 42.27 -2.67 0.00 | 33.61 -2.42 0.00 | 30.88 -2.12 0.00 | 30.02 -2.12 0.00 | 33.42 -1.73 0.00 | 32.78 -1.19 0.00 |
| INDIAN POINT_GT_1 24139 | 39.09 1.93 0.00 | 30.74 1.48 0.00 | 29.17 1.28 0.00 | 30.12 1.27 0.00 | 31.13 1.40 0.00 | 35.98 1.82 0.00 | 40.61 2.22 0.00 | 63.03 3.57 0.00 | 35.55 2.05 0.00 | 30.14 1.78 0.00 | 29.94 1.81 0.00 | 29.06 1.73 0.00 | 30.17 1.79 0.00 | 31.88 1.79 0.00 | 36.58 1.98 0.00 | 39.04 2.04 0.00 | 43.74 2.25 0.00 | 77.84 4.23 0.00 | 47.57 2.63 0.00 | 38.16 2.13 0.00 | 34.88 1.88 0.00 | 33.96 1.83 0.00 | 36.79 1.65 0.00 | 35.52 1.56 0.00 |
| INDIAN POINT_GT_2 23659 | 39.09 1.93 0.00 | 30.74 1.48 0.00 | 29.17 1.28 0.00 | 30.12 1.27 0.00 | 31.13 1.40 0.00 | 35.98 1.82 0.00 | 40.61 2.22 0.00 | 63.03 3.57 0.00 | 35.55 2.05 0.00 | 30.14 1.78 0.00 | 29.94 1.81 0.00 | 29.06 1.73 0.00 | 30.17 1.79 0.00 | 31.88 1.79 0.00 | 36.58 1.98 0.00 | 39.04 2.04 0.00 | 43.74 2.25 0.00 | 77.84 4.23 0.00 | 47.57 2.63 0.00 | 38.16 2.13 0.00 | 34.88 1.88 0.00 | 33.96 1.83 0.00 | 36.79 1.65 0.00 | 35.52 1.56 0.00 |
| INDIAN POINT_GT_3 24019 | 39.09 1.93 0.00 | 30.74 1.48 0.00 | 29.17 1.28 0.00 | 30.12 1.27 0.00 | 31.13 1.40 0.00 | 35.98 1.82 0.00 | 40.61 2.22 0.00 | 63.03 3.57 0.00 | 35.55 2.05 0.00 | 30.14 1.78 0.00 | 29.94 1.81 0.00 | 29.06 1.73 0.00 | 30.17 1.79 0.00 | 31.88 1.79 0.00 | 36.58 1.98 0.00 | 39.04 2.04 0.00 | 43.74 2.25 0.00 | 77.84 4.23 0.00 | 47.57 2.63 0.00 | 38.16 2.13 0.00 | 34.88 1.88 0.00 | 33.96 1.83 0.00 | 36.79 1.65 0.00 | 35.52 1.56 0.00 |
| INDIAN POINT___2 23530 | 39.07 1.91 0.00 | 30.72 1.46 0.00 | 29.15 1.26 0.00 | 30.09 1.25 0.00 | 31.12 1.38 0.00 | 35.97 1.80 0.00 | 40.58 2.19 0.00 | 63.00 3.54 0.00 | 35.52 2.02 0.00 | 30.12 1.76 0.00 | 29.93 1.80 0.00 | 29.05 1.73 0.00 | 30.16 1.77 0.00 | 31.85 1.76 0.00 | 36.55 1.95 0.00 | 39.01 2.01 0.00 | 43.71 2.22 0.00 | 77.77 4.16 0.00 | 47.53 2.59 0.00 | 38.12 2.10 0.00 | 34.85 1.85 0.00 | 33.93 1.79 0.00 | 36.75 1.60 0.00 | 35.49 1.52 0.00 |
| INDIAN POINT___3 23531 | 39.06 1.90 0.00 | 30.72 1.46 0.00 | 29.15 1.26 0.00 | 30.11 1.26 0.00 | 31.12 1.39 0.00 | 35.96 1.80 0.00 | 40.58 2.19 0.00 | 63.00 3.54 0.00 | 35.52 2.02 0.00 | 30.13 1.76 0.00 | 29.92 1.79 0.00 | 29.04 1.72 0.00 | 30.15 1.76 0.00 | 31.85 1.76 0.00 | 36.56 1.96 0.00 | 39.01 2.01 0.00 | 43.70 2.21 0.00 | 77.74 4.13 0.00 | 47.52 2.58 0.00 | 38.12 2.10 0.00 | 34.86 1.85 0.00 | 33.94 1.80 0.00 | 36.76 1.62 0.00 | 35.50 1.54 0.00 |
| INGHAM_C_115KV_TB7 356103 | 37.04 -0.12 0.00 | 29.26 0.00 0.00 | 27.93 0.04 0.00 | 28.94 0.10 0.00 | 29.86 0.13 0.00 | 34.45 0.29 0.00 | 39.15 0.76 0.00 | 60.83 1.37 0.00 | 33.86 0.36 0.00 | 28.14 -0.22 0.00 | 27.79 -0.34 0.00 | 27.01 -0.32 0.00 | 28.06 -0.33 0.00 | 29.84 -0.25 0.00 | 34.52 -0.08 0.00 | 37.36 0.36 0.00 | 42.05 0.56 0.00 | 74.78 1.18 0.00 | 45.74 0.79 0.00 | 36.74 0.71 0.00 | 33.71 0.71 0.00 | 32.89 0.76 0.00 | 35.57 0.42 0.00 | 34.03 0.06 0.00 |
| IP CORINTH___1 23988 | 38.42 1.26 0.00 | 30.35 1.08 0.00 | 28.93 1.04 0.00 | 29.98 1.13 0.00 | 31.00 1.27 0.00 | 35.72 1.56 0.00 | 40.32 1.93 0.00 | 62.55 3.08 0.00 | 35.13 1.63 0.00 | 29.36 1.00 0.00 | 29.09 0.96 0.00 | 28.19 0.86 0.00 | 29.31 0.92 0.00 | 31.21 1.12 0.00 | 35.78 1.18 0.00 | 38.29 1.29 0.00 | 42.96 1.47 0.00 | 76.29 2.68 0.00 | 46.69 1.75 0.00 | 37.54 1.51 0.00 | 34.43 1.43 0.00 | 33.60 1.47 0.00 | 36.69 1.54 0.00 | 35.31 1.34 0.00 |

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| IP___TICONDEROGA 23804 | 40.15 3.00 0.00 | 31.86 2.59 0.00 | 30.35 2.46 0.00 | 31.56 2.72 0.00 | 32.67 2.93 0.00 | 37.50 3.33 0.00 | 42.36 3.98 0.00 | 65.61 6.15 0.00 | 36.70 3.20 0.00 | 30.24 1.88 0.00 | 30.18 2.05 0.00 | 29.10 1.78 0.00 | 30.32 1.94 0.00 | 32.59 2.50 0.00 | 37.50 2.90 0.00 | 39.72 2.73 0.00 | 45.00 3.51 0.00 | 80.11 6.50 0.00 | 49.08 4.14 0.00 | 39.63 3.60 0.00 | 36.48 3.47 0.00 | 35.63 3.50 0.00 | 38.64 3.50 0.00 | 37.05 3.08 0.00 |
| ISLIP_RES_REC 323679 | 39.72 2.56 0.00 | 31.43 2.17 0.00 | 29.66 1.77 0.00 | 30.70 1.85 0.00 | 31.64 1.91 0.00 | 36.63 2.47 0.00 | 41.41 3.02 0.00 | 64.09 4.62 0.00 | 36.09 2.59 0.00 | 30.34 1.98 0.00 | 30.52 2.39 0.00 | 29.59 2.27 0.00 | 30.84 2.45 0.00 | 32.56 2.47 0.00 | 37.19 2.59 0.00 | 40.03 3.03 0.00 | 50.56 3.60 -5.47 | 88.06 6.45 -8.00 | 53.60 3.90 -4.76 | 59.70 3.29 -20.38 | 46.20 3.07 -10.13 | 36.90 2.99 -1.77 | 38.09 2.94 0.00 | 36.76 2.79 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 39.62 2.46 0.00 | 31.13 1.87 0.00 | 29.46 1.56 0.00 | 30.30 1.46 0.00 | 31.28 1.55 0.00 | 36.12 1.95 0.00 | 40.70 2.31 0.00 | 63.22 3.76 0.00 | 35.70 2.20 0.00 | 30.35 1.99 0.00 | 30.14 2.01 0.00 | 29.29 1.96 0.00 | 30.41 2.02 0.00 | 32.12 2.03 0.00 | 36.76 2.16 0.00 | 39.17 2.17 0.00 | 43.95 2.46 0.00 | 78.89 4.54 -0.74 | 47.80 2.86 0.00 | 38.37 2.34 0.00 | 36.32 2.06 -1.26 | -6.54 1.99 40.67 | 36.92 1.79 0.01 | 35.69 1.73 0.00 |
| JANIS___SOLAR 323808 | 38.84 1.68 0.00 | 30.50 1.23 0.00 | 29.08 1.19 0.00 | 30.15 1.30 0.00 | 31.15 1.42 0.00 | 36.02 1.86 0.00 | 40.73 2.34 0.00 | 63.20 3.74 0.00 | 35.35 1.84 0.00 | 29.48 1.12 0.00 | 29.03 0.90 0.00 | 28.04 0.71 0.00 | 29.12 0.74 0.00 | 30.75 0.66 0.00 | 35.65 1.05 0.00 | 38.65 1.65 0.00 | 43.86 2.27 -0.11 | 77.82 4.22 0.00 | 47.43 2.49 0.00 | 37.76 1.74 0.00 | 34.44 1.44 0.00 | 33.30 1.17 0.00 | 36.27 1.12 0.00 | 35.07 1.10 0.00 |
| JARVIS____ 23743 | 37.20 0.04 0.00 | 29.29 0.03 0.00 | 27.92 0.03 0.00 | 28.87 0.03 0.00 | 29.76 0.03 0.00 | 34.23 0.06 0.00 | 38.50 0.11 0.00 | 59.64 0.18 0.00 | 33.58 0.08 0.00 | 28.44 0.07 0.00 | 28.21 0.08 0.00 | 27.41 0.08 0.00 | 28.47 0.09 0.00 | 30.16 0.06 0.00 | 34.71 0.10 0.00 | 37.11 0.11 0.00 | 41.61 0.13 0.00 | 73.83 0.22 0.00 | 45.08 0.14 0.00 | 36.13 0.11 0.00 | 33.10 0.10 0.00 | 32.23 0.10 0.00 | 35.22 0.08 0.00 | 34.02 0.05 0.00 |
| JENNISON___1 23625 | 38.44 1.28 0.00 | 30.31 1.04 0.00 | 28.72 0.83 0.00 | 29.82 0.98 0.00 | 30.85 1.12 0.00 | 35.83 1.67 0.00 | 40.61 2.22 0.00 | 63.08 3.62 0.00 | 35.50 2.00 0.00 | 29.88 1.52 0.00 | 29.61 1.48 0.00 | 28.71 1.38 0.00 | 29.84 1.45 0.00 | 31.47 1.38 0.00 | 36.42 1.81 0.00 | 39.12 2.12 0.00 | 44.02 2.53 0.00 | 78.11 4.50 0.00 | 47.52 2.58 0.00 | 37.69 1.67 0.00 | 34.40 1.40 0.00 | 33.10 0.97 0.00 | 35.96 0.81 0.00 | 34.76 0.79 0.00 |
| JENNISON___2 23626 | 38.44 1.28 0.00 | 30.31 1.04 0.00 | 28.72 0.83 0.00 | 29.82 0.98 0.00 | 30.85 1.12 0.00 | 35.83 1.67 0.00 | 40.61 2.22 0.00 | 63.08 3.62 0.00 | 35.50 2.00 0.00 | 29.88 1.52 0.00 | 29.61 1.48 0.00 | 28.71 1.38 0.00 | 29.84 1.45 0.00 | 31.47 1.38 0.00 | 36.42 1.81 0.00 | 39.12 2.12 0.00 | 44.02 2.53 0.00 | 78.11 4.50 0.00 | 47.52 2.58 0.00 | 37.69 1.67 0.00 | 34.40 1.40 0.00 | 33.10 0.97 0.00 | 35.96 0.81 0.00 | 34.76 0.79 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 34.35 -2.81 0.00 | 27.21 -2.05 0.00 | 25.84 -2.05 0.00 | 26.64 -2.20 0.00 | 27.16 -2.57 0.00 | 31.49 -2.68 0.00 | 35.76 -2.63 0.00 | 55.45 -4.01 0.00 | 31.12 -2.38 0.00 | 27.13 -1.23 0.00 | 27.39 -0.74 0.00 | 26.93 -0.39 0.00 | 28.24 -0.15 0.00 | 29.88 -0.21 0.00 | 34.41 -0.19 0.00 | 36.48 -0.52 0.00 | 41.13 -0.36 0.00 | 72.94 -0.67 0.00 | 44.48 -0.46 0.00 | 35.38 -0.64 0.00 | 32.44 -0.56 0.00 | 31.42 -0.71 0.00 | 34.85 -0.29 0.00 | 33.51 -0.46 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 39.28 2.12 0.00 | 30.91 1.65 0.00 | 29.34 1.45 0.00 | 30.30 1.46 0.00 | 31.32 1.58 0.00 | 36.18 2.02 0.00 | 40.87 2.48 0.00 | 63.49 4.03 0.00 | 35.81 2.31 0.00 | 30.35 1.99 0.00 | 30.22 2.09 0.00 | 29.27 1.95 0.00 | 30.35 1.96 0.00 | 32.08 1.99 0.00 | 36.83 2.22 0.00 | 39.31 2.31 0.00 | 44.08 2.59 0.00 | 78.39 4.78 0.00 | 47.94 2.99 0.00 | 38.46 2.43 0.00 | 35.16 2.16 0.00 | 34.21 2.08 0.00 | 37.07 1.92 0.00 | 35.77 1.81 0.00 |
| KCE_NY_1 323755 | 38.75 1.59 0.00 | 30.59 1.33 0.00 | 29.14 1.25 0.00 | 30.18 1.34 0.00 | 31.15 1.42 0.00 | 35.98 1.82 0.00 | 40.55 2.16 0.00 | 62.79 3.32 0.00 | 35.25 1.75 0.00 | 29.56 1.20 0.00 | 29.27 1.14 0.00 | 28.39 1.07 0.00 | 29.48 1.10 0.00 | 31.35 1.26 0.00 | 36.12 1.52 0.00 | 38.70 1.70 0.00 | 43.41 1.92 0.00 | 76.95 3.34 0.00 | 47.09 2.15 0.00 | 37.81 1.78 0.00 | 34.67 1.67 0.00 | 33.81 1.68 0.00 | 36.82 1.67 0.00 | 35.50 1.53 0.00 |
| KCE_NY_6_ESR 323823 | 37.39 0.23 0.00 | 29.06 -0.20 0.00 | 27.89 0.00 0.00 | 28.94 0.09 0.00 | 29.85 0.12 0.00 | 34.09 -0.08 0.00 | 37.58 -0.81 0.00 | 58.11 -1.35 0.00 | 33.00 -0.50 0.00 | 28.02 -0.34 0.00 | 27.76 -0.37 0.00 | 26.98 -0.34 0.00 | 28.25 -0.14 0.00 | 29.54 -0.55 0.00 | 33.95 -0.65 0.00 | 35.74 -1.26 0.00 | 39.53 -1.50 0.46 | 70.35 -3.26 0.00 | 42.64 -2.30 0.00 | 33.91 -2.12 0.00 | 31.15 -1.85 0.00 | 30.24 -1.89 0.00 | 33.63 -1.51 0.00 | 32.91 -1.06 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 39.57 2.41 0.00 | 31.32 2.06 0.00 | 29.56 1.67 0.00 | 30.58 1.74 0.00 | 31.52 1.79 0.00 | 36.47 2.31 0.00 | 41.22 2.84 0.00 | 63.80 4.33 0.00 | 35.93 2.43 0.00 | 30.22 1.86 0.00 | 30.40 2.27 0.00 | 29.48 2.15 0.00 | 30.71 2.33 0.00 | 32.43 2.34 0.00 | 37.03 2.42 0.00 | 39.83 2.82 0.00 | 50.27 3.34 -5.43 | 87.56 6.03 -7.93 | 53.28 3.61 -4.73 | 59.31 3.04 -20.24 | 45.88 2.85 -10.03 | 36.69 2.79 -1.76 | 37.87 2.72 0.00 | 36.55 2.59 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 39.57 2.41 0.00 | 31.32 2.06 0.00 | 29.56 1.67 0.00 | 30.58 1.74 0.00 | 31.52 1.79 0.00 | 36.47 2.31 0.00 | 41.22 2.84 0.00 | 63.80 4.33 0.00 | 35.93 2.43 0.00 | 30.22 1.86 0.00 | 30.40 2.27 0.00 | 29.48 2.15 0.00 | 30.71 2.33 0.00 | 32.43 2.34 0.00 | 37.03 2.42 0.00 | 39.83 2.82 0.00 | 50.27 3.34 -5.43 | 87.56 6.03 -7.93 | 53.28 3.61 -4.73 | 59.31 3.04 -20.24 | 45.88 2.85 -10.03 | 36.69 2.79 -1.76 | 37.87 2.72 0.00 | 36.55 2.59 0.00 |
| KEDC_GLWD_GT4 24219 | 39.47 2.31 0.00 | 31.08 1.82 0.00 | 29.44 1.55 0.00 | 30.43 1.58 0.00 | 31.43 1.70 0.00 | 36.33 2.17 0.00 | 41.04 2.65 0.00 | 63.71 4.24 0.00 | 35.95 2.45 0.00 | 30.45 2.09 0.00 | 30.35 2.22 0.00 | 29.43 2.11 0.00 | 30.58 2.20 0.00 | 32.34 2.25 0.00 | 37.08 2.47 0.00 | 39.58 2.58 -0.01 | 53.74 2.87 -9.38 | 94.10 5.21 -15.28 | 56.32 3.22 -8.16 | 73.59 2.62 -34.95 | 55.42 2.37 -20.05 | 37.47 2.29 -3.04 | 37.27 2.13 0.00 | 35.99 2.03 0.00 |
| KEDC_GLWD_GT5 24220 | 39.47 2.31 0.00 | 31.08 1.82 0.00 | 29.44 1.55 0.00 | 30.43 1.58 0.00 | 31.43 1.70 0.00 | 36.33 2.17 0.00 | 41.04 2.65 0.00 | 63.71 4.24 0.00 | 35.95 2.45 0.00 | 30.45 2.09 0.00 | 30.35 2.22 0.00 | 29.43 2.11 0.00 | 30.58 2.20 0.00 | 32.34 2.25 0.00 | 37.08 2.47 0.00 | 39.58 2.58 -0.01 | 53.74 2.87 -9.38 | 94.10 5.21 -15.28 | 56.32 3.22 -8.16 | 73.59 2.62 -34.95 | 55.42 2.37 -20.05 | 37.47 2.29 -3.04 | 37.27 2.13 0.00 | 35.99 2.03 0.00 |

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| KENSICO____ 23655 | 39.20 2.04 0.00 | 30.83 1.57 0.00 | 29.26 1.36 0.00 | 30.20 1.36 0.00 | 31.21 1.48 0.00 | 36.06 1.90 0.00 | 40.70 2.31 0.00 | 63.19 3.72 0.00 | 35.65 2.15 0.00 | 30.24 1.88 0.00 | 30.04 1.91 0.00 | 29.16 1.83 0.00 | 30.28 1.89 0.00 | 31.99 1.90 0.00 | 36.70 2.09 0.00 | 39.16 2.16 0.00 | 43.88 2.39 0.00 | 78.01 4.40 0.00 | 47.70 2.76 0.00 | 38.27 2.24 0.00 | 34.99 1.99 0.00 | 34.06 1.93 0.00 | 36.90 1.76 0.00 | 35.64 1.68 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 39.35 2.19 0.00 | 30.93 1.67 0.00 | 29.37 1.47 0.00 | 30.33 1.49 0.00 | 31.38 1.65 0.00 | 36.29 2.12 0.00 | 41.01 2.62 0.00 | 63.70 4.23 0.00 | 35.89 2.39 0.00 | 30.31 1.95 0.00 | 29.98 1.85 0.00 | 29.04 1.72 0.00 | 30.14 1.76 0.00 | 31.95 1.85 0.00 | 36.79 2.19 0.00 | 39.37 2.37 0.00 | 44.29 2.80 0.00 | 78.94 5.33 0.00 | 48.24 3.30 0.00 | 38.68 2.65 0.00 | 35.35 2.35 0.00 | 34.37 2.23 0.00 | 37.20 2.06 0.00 | 35.88 1.92 0.00 |
| KIAC_JFK_GT1 23816 | 39.40 2.24 0.00 | 30.96 1.69 0.00 | 29.30 1.41 0.00 | 30.13 1.29 0.00 | 31.10 1.37 0.00 | 35.87 1.71 0.00 | 40.30 1.91 0.00 | 62.57 3.10 0.00 | 35.35 1.84 0.00 | 30.06 1.69 0.00 | 29.89 1.76 0.00 | 29.04 1.72 0.00 | 30.15 1.76 0.00 | 31.86 1.77 0.00 | 36.46 1.85 0.00 | 38.79 1.79 0.00 | 43.52 2.03 0.00 | 78.10 3.75 -0.74 | 47.33 2.39 0.00 | 37.99 1.96 0.00 | 35.98 1.72 -1.26 | -6.75 1.79 40.67 | 36.69 1.56 0.01 | 35.48 1.52 0.00 |
| KIAC_JFK_GT2 23817 | 39.40 2.24 0.00 | 30.96 1.69 0.00 | 29.30 1.41 0.00 | 30.13 1.29 0.00 | 31.10 1.37 0.00 | 35.87 1.71 0.00 | 40.30 1.91 0.00 | 62.57 3.10 0.00 | 35.35 1.84 0.00 | 30.06 1.69 0.00 | 29.89 1.76 0.00 | 29.04 1.72 0.00 | 30.15 1.76 0.00 | 31.86 1.77 0.00 | 36.46 1.85 0.00 | 38.79 1.79 0.00 | 43.52 2.03 0.00 | 78.10 3.75 -0.74 | 47.33 2.39 0.00 | 37.99 1.96 0.00 | 35.98 1.72 -1.26 | -6.75 1.79 40.67 | 36.69 1.56 0.01 | 35.48 1.52 0.00 |
| KIAC_JFK____ 323774 | 39.40 2.24 0.00 | 30.96 1.69 0.00 | 29.30 1.40 0.00 | 30.13 1.29 0.00 | 31.10 1.37 0.00 | 35.88 1.72 0.00 | 40.30 1.91 0.00 | 62.57 3.11 0.00 | 35.35 1.84 0.00 | 30.05 1.69 0.00 | 29.89 1.76 0.00 | 29.05 1.72 0.00 | 30.15 1.76 0.00 | 31.86 1.77 0.00 | 36.45 1.85 0.00 | 38.80 1.80 0.00 | 43.53 2.04 0.00 | 78.10 3.75 -0.74 | 47.33 2.39 0.00 | 37.99 1.96 0.00 | 35.98 1.72 -1.26 | -6.75 1.78 40.67 | 36.70 1.56 0.01 | 35.48 1.52 0.00 |
| KINTIGH____ 23543 | 36.29 -0.86 0.00 | 28.28 -0.98 0.00 | 27.09 -0.80 0.00 | 28.10 -0.75 0.00 | 28.96 -0.77 0.00 | 33.11 -1.06 0.00 | 36.55 -1.84 0.00 | 56.52 -2.95 0.00 | 32.06 -1.45 0.00 | 27.22 -1.14 0.00 | 27.01 -1.12 0.00 | 26.28 -1.05 0.00 | 27.46 -0.92 0.00 | 28.77 -1.32 0.00 | 33.02 -1.58 0.00 | 34.84 -2.16 0.00 | 39.00 -2.49 0.00 | 68.75 -4.86 0.00 | 41.73 -3.22 0.00 | 33.24 -2.78 0.00 | 30.51 -2.49 0.00 | 29.70 -2.44 0.00 | 32.97 -2.18 0.00 | 32.27 -1.70 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 35.03 -2.12 0.00 | 27.75 -1.51 0.00 | 26.35 -1.54 0.00 | 27.20 -1.64 0.00 | 27.72 -2.01 0.00 | 32.16 -2.00 0.00 | 36.58 -1.80 0.00 | 56.89 -2.57 0.00 | 31.90 -1.60 0.00 | 27.69 -0.67 0.00 | 28.02 -0.11 0.00 | 27.55 0.23 0.00 | 28.84 0.46 0.00 | 30.57 0.48 0.00 | 35.16 0.55 0.00 | 37.28 0.28 0.00 | 42.14 0.65 0.00 | 74.86 1.25 0.00 | 45.67 0.73 0.00 | 36.34 0.32 0.00 | 33.33 0.33 0.00 | 32.25 0.12 0.00 | 35.64 0.50 0.00 | 34.26 0.29 0.00 |
| LACHUTE__HYDRO 323717 | 40.15 2.99 0.00 | 31.86 2.59 0.00 | 30.35 2.46 0.00 | 31.56 2.72 0.00 | 32.67 2.94 0.00 | 37.50 3.34 0.00 | 42.36 3.97 0.00 | 65.61 6.15 0.00 | 36.70 3.20 0.00 | 30.24 1.88 0.00 | 30.18 2.05 0.00 | 29.10 1.78 0.00 | 30.32 1.94 0.00 | 32.59 2.50 0.00 | 37.50 2.90 0.00 | 39.72 2.73 0.00 | 45.00 3.51 0.00 | 80.10 6.50 0.00 | 49.08 4.13 0.00 | 39.63 3.60 0.00 | 36.48 3.47 0.00 | 35.63 3.50 0.00 | 38.64 3.50 0.00 | 37.05 3.08 0.00 |
| LAWRNCV_115KV_TB1 80681 | 35.45 -1.71 0.00 | 27.96 -1.30 0.00 | 26.49 -1.40 0.00 | 27.34 -1.50 0.00 | 27.92 -1.82 0.00 | 32.33 -1.83 0.00 | 36.78 -1.61 0.00 | 56.81 -2.66 0.00 | 31.89 -1.61 0.00 | 27.78 -0.58 0.00 | 27.78 -0.35 0.00 | 27.24 -0.08 0.00 | 28.52 0.13 0.00 | 30.12 0.03 0.00 | 34.75 0.15 0.00 | 36.93 -0.06 0.00 | 41.75 0.26 0.00 | 74.19 0.58 0.00 | 45.22 0.28 0.00 | 35.95 -0.08 0.00 | 32.90 -0.10 0.00 | 31.79 -0.34 0.00 | 35.24 0.10 0.00 | 33.94 -0.03 0.00 |
| LEDERLE____ 23769 | 39.22 2.06 0.00 | 30.82 1.56 0.00 | 29.23 1.34 0.00 | 30.20 1.35 0.00 | 31.23 1.50 0.00 | 36.12 1.96 0.00 | 40.78 2.39 0.00 | 63.31 3.85 0.00 | 35.69 2.18 0.00 | 30.27 1.91 0.00 | 30.07 1.94 0.00 | 29.20 1.87 0.00 | 30.31 1.92 0.00 | 32.01 1.92 0.00 | 36.75 2.14 0.00 | 39.20 2.21 0.00 | 43.96 2.47 0.00 | 78.23 4.63 0.00 | 47.80 2.86 0.00 | 38.34 2.31 0.00 | 35.04 2.03 0.00 | 34.09 1.95 0.00 | 36.90 1.75 0.00 | 35.61 1.65 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 36.86 -0.30 0.00 | 28.98 -0.28 0.00 | 27.64 -0.25 0.00 | 28.59 -0.26 0.00 | 29.46 -0.28 0.00 | 33.77 -0.39 0.00 | 38.06 -0.33 0.00 | 59.00 -0.46 0.00 | 33.15 -0.36 0.00 | 27.94 -0.42 0.00 | 27.63 -0.51 0.00 | 26.82 -0.50 0.00 | 27.88 -0.51 0.00 | 29.42 -0.67 0.00 | 33.83 -0.78 0.00 | 36.44 -0.56 0.00 | 41.11 -0.38 0.00 | 73.00 -0.61 0.00 | 44.54 -0.40 0.00 | 35.62 -0.40 0.00 | 32.67 -0.33 0.00 | 31.66 -0.48 0.00 | 34.71 -0.43 0.00 | 33.51 -0.46 0.00 |
| LINDEN COGEN____ 23786 | 39.27 2.12 0.00 | 30.87 1.61 0.00 | 29.25 1.36 0.00 | 30.17 1.33 0.00 | 31.19 1.46 0.00 | 36.07 1.91 0.00 | 40.68 2.29 0.00 | 63.26 3.80 0.00 | 35.71 2.21 0.00 | 30.35 1.99 0.00 | 30.17 2.04 0.00 | 29.30 1.97 0.00 | 30.42 2.03 0.00 | 32.13 2.04 0.00 | 36.82 2.21 0.00 | 39.25 2.25 0.00 | 43.97 2.48 0.00 | 78.18 4.57 0.00 | 47.81 2.86 0.00 | 38.35 2.32 0.00 | 35.05 2.04 0.00 | 34.14 2.00 0.00 | 36.98 1.84 0.00 | 35.71 1.75 0.00 |
| LINDHRST_69_KV_BK1 356055 | 39.77 2.62 0.00 | 31.38 2.11 0.00 | 29.67 1.78 0.00 | 30.68 1.83 0.00 | 31.66 1.92 0.00 | 36.63 2.46 0.00 | 41.47 3.08 0.00 | 64.29 4.83 0.00 | 36.24 2.74 0.00 | 30.55 2.19 0.00 | 30.58 2.45 0.00 | 29.63 2.31 0.00 | 30.83 2.44 0.00 | 32.60 2.51 0.00 | 37.34 2.73 0.00 | 40.00 2.99 0.00 | 50.95 3.39 -6.07 | 88.96 6.20 -9.15 | 54.04 3.82 -5.28 | 61.75 3.10 -22.62 | 47.57 2.86 -11.71 | 36.93 2.82 -1.97 | 37.78 2.63 0.00 | 36.45 2.49 0.00 |
| LIPA_MISC_IPP 23656 | 39.33 2.17 0.00 | 31.25 1.99 0.00 | 29.45 1.55 0.00 | 30.48 1.63 0.00 | 31.37 1.64 0.00 | 36.29 2.12 0.00 | 40.92 2.54 0.00 | 63.20 3.74 0.00 | 35.58 2.08 0.00 | 29.84 1.48 0.00 | 30.20 2.07 0.00 | 29.29 1.97 0.00 | 30.59 2.20 0.00 | 32.21 2.12 0.00 | 36.64 2.03 0.00 | 39.55 2.54 0.00 | 50.06 3.16 -5.41 | 87.06 5.57 -7.89 | 52.86 3.21 -4.71 | 59.04 2.85 -20.16 | 45.66 2.69 -9.97 | 36.59 2.70 -1.76 | 37.90 2.76 0.00 | 36.58 2.62 0.00 |
| LISF__SOLAR 323691 | 39.38 2.23 0.00 | 31.30 2.03 0.00 | 29.49 1.59 0.00 | 30.53 1.68 0.00 | 31.41 1.68 0.00 | 36.35 2.19 0.00 | 40.99 2.60 0.00 | 63.28 3.82 0.00 | 35.62 2.12 0.00 | 29.86 1.50 0.00 | 30.21 2.08 0.00 | 29.30 1.97 0.00 | 30.60 2.22 0.00 | 32.22 2.13 0.00 | 36.66 2.05 0.00 | 39.61 2.60 0.00 | 50.16 3.26 -5.42 | 87.22 5.72 -7.90 | 52.95 3.30 -4.71 | 59.14 2.92 -20.19 | 45.75 2.75 -9.99 | 36.65 2.75 -1.76 | 37.96 2.82 0.00 | 36.64 2.68 0.00 |

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| LITTLE FALLS___HYD 24013 | 37.04 -0.12 0.00 | 29.26 0.00 0.00 | 27.93 0.04 0.00 | 28.94 0.10 0.00 | 29.86 0.13 0.00 | 34.45 0.29 0.00 | 39.15 0.76 0.00 | 60.83 1.37 0.00 | 33.86 0.36 0.00 | 28.14 -0.22 0.00 | 27.79 -0.34 0.00 | 27.01 -0.32 0.00 | 28.06 -0.33 0.00 | 29.84 -0.25 0.00 | 34.52 -0.08 0.00 | 37.36 0.36 0.00 | 42.05 0.56 0.00 | 74.78 1.18 0.00 | 45.74 0.79 0.00 | 36.74 0.71 0.00 | 33.71 0.71 0.00 | 32.89 0.76 0.00 | 35.57 0.42 0.00 | 34.03 0.06 0.00 |
| LITTLRIV_115KV_TB1 356100 | 35.87 -1.29 0.00 | 28.28 -0.98 0.00 | 26.79 -1.10 0.00 | 27.66 -1.19 0.00 | 28.24 -1.49 0.00 | 32.74 -1.42 0.00 | 37.30 -1.09 0.00 | 57.64 -1.83 0.00 | 32.22 -1.29 0.00 | 27.92 -0.45 0.00 | 27.90 -0.23 0.00 | 27.37 0.05 0.00 | 28.67 0.28 0.00 | 30.29 0.20 0.00 | 35.01 0.41 0.00 | 37.21 0.21 0.00 | 42.28 0.79 0.00 | 75.23 1.62 0.00 | 45.84 0.90 0.00 | 36.42 0.39 0.00 | 33.32 0.32 0.00 | 32.18 0.04 0.00 | 35.65 0.51 0.00 | 34.31 0.34 0.00 |
| LI_NEWBRDGE___DRP 323616 | 39.20 2.04 0.00 | 30.93 1.66 0.00 | 29.26 1.37 0.00 | 30.25 1.40 0.00 | 31.23 1.50 0.00 | 36.11 1.94 0.00 | 40.81 2.42 0.00 | 63.28 3.82 0.00 | 35.70 2.20 0.00 | 30.17 1.81 0.00 | 30.17 2.04 0.00 | 29.23 1.91 0.00 | 30.40 2.02 0.00 | 32.15 2.06 0.00 | 36.82 2.22 0.00 | 39.37 2.37 0.00 | 49.14 2.61 -5.04 | 85.39 4.74 -7.04 | 52.25 2.93 -4.38 | 57.18 2.39 -18.77 | 43.96 2.20 -8.76 | 35.93 2.16 -1.63 | 37.11 1.96 0.00 | 35.83 1.87 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 36.57 -0.59 0.00 | 28.46 -0.81 0.00 | 27.29 -0.61 0.00 | 28.32 -0.53 0.00 | 29.19 -0.54 0.00 | 33.35 -0.81 0.00 | 36.62 -1.77 0.00 | 56.87 -2.60 0.00 | 32.38 -1.12 0.00 | 27.46 -0.90 0.00 | 27.21 -0.92 0.00 | 26.43 -0.89 0.00 | 27.65 -0.73 0.00 | 28.93 -1.15 0.00 | 33.28 -1.32 0.00 | 35.10 -1.90 0.00 | 39.32 -2.16 0.00 | 69.11 -4.50 0.00 | 41.89 -3.05 0.00 | 33.33 -2.69 0.00 | 30.61 -2.39 0.00 | 29.76 -2.37 0.00 | 33.14 -2.00 0.00 | 32.56 -1.40 0.00 |
| LOCKPORT___CC1 323769 | 36.56 -0.60 0.00 | 28.45 -0.81 0.00 | 27.28 -0.61 0.00 | 28.32 -0.53 0.00 | 29.19 -0.55 0.00 | 33.32 -0.84 0.00 | 36.62 -1.77 0.00 | 56.80 -2.66 0.00 | 32.33 -1.17 0.00 | 27.43 -0.93 0.00 | 27.18 -0.95 0.00 | 26.41 -0.92 0.00 | 27.64 -0.75 0.00 | 28.92 -1.17 0.00 | 33.23 -1.37 0.00 | 35.03 -1.97 0.00 | 38.84 -2.28 0.37 | 68.97 -4.64 0.00 | 41.81 -3.13 0.00 | 33.26 -2.77 0.00 | 30.55 -2.45 0.00 | 29.70 -2.43 0.00 | 33.08 -2.07 0.00 | 32.49 -1.47 0.00 |
| LOCKPORT___CC2 323770 | 36.56 -0.60 0.00 | 28.45 -0.81 0.00 | 27.28 -0.61 0.00 | 28.32 -0.53 0.00 | 29.19 -0.55 0.00 | 33.32 -0.84 0.00 | 36.62 -1.77 0.00 | 56.80 -2.66 0.00 | 32.33 -1.17 0.00 | 27.43 -0.93 0.00 | 27.18 -0.95 0.00 | 26.41 -0.92 0.00 | 27.64 -0.75 0.00 | 28.92 -1.17 0.00 | 33.23 -1.37 0.00 | 35.03 -1.97 0.00 | 38.84 -2.28 0.37 | 68.97 -4.64 0.00 | 41.81 -3.13 0.00 | 33.26 -2.77 0.00 | 30.55 -2.45 0.00 | 29.70 -2.43 0.00 | 33.08 -2.07 0.00 | 32.49 -1.47 0.00 |
| LOCKPORT___CC3 323771 | 36.56 -0.60 0.00 | 28.45 -0.81 0.00 | 27.28 -0.61 0.00 | 28.32 -0.53 0.00 | 29.19 -0.55 0.00 | 33.32 -0.84 0.00 | 36.62 -1.77 0.00 | 56.80 -2.66 0.00 | 32.33 -1.17 0.00 | 27.43 -0.93 0.00 | 27.18 -0.95 0.00 | 26.41 -0.92 0.00 | 27.64 -0.75 0.00 | 28.92 -1.17 0.00 | 33.23 -1.37 0.00 | 35.03 -1.97 0.00 | 38.84 -2.28 0.37 | 68.97 -4.64 0.00 | 41.81 -3.13 0.00 | 33.26 -2.77 0.00 | 30.55 -2.45 0.00 | 29.70 -2.43 0.00 | 33.08 -2.07 0.00 | 32.49 -1.47 0.00 |
| LONG_LAKE_PHOENIX 24014 | 36.71 -0.45 0.00 | 28.84 -0.42 0.00 | 27.50 -0.40 0.00 | 28.44 -0.41 0.00 | 29.32 -0.42 0.00 | 33.60 -0.57 0.00 | 37.65 -0.74 0.00 | 58.36 -1.10 0.00 | 32.85 -0.65 0.00 | 27.80 -0.56 0.00 | 27.54 -0.58 0.00 | 26.74 -0.59 0.00 | 27.78 -0.61 0.00 | 29.32 -0.77 0.00 | 33.73 -0.88 0.00 | 36.13 -0.87 0.00 | 40.61 -0.88 0.00 | 72.07 -1.54 0.00 | 43.96 -0.98 0.00 | 35.20 -0.83 0.00 | 32.25 -0.75 0.00 | 31.38 -0.76 0.00 | 34.47 -0.68 0.00 | 33.36 -0.61 0.00 |
| LOVETT___3 23632 | 39.04 1.88 0.00 | 30.69 1.43 0.00 | 29.11 1.22 0.00 | 30.07 1.22 0.00 | 31.09 1.35 0.00 | 35.95 1.79 0.00 | 40.56 2.17 0.00 | 62.95 3.48 0.00 | 35.49 1.98 0.00 | 30.09 1.73 0.00 | 29.90 1.77 0.00 | 29.02 1.70 0.00 | 30.13 1.74 0.00 | 31.82 1.73 0.00 | 36.52 1.92 0.00 | 38.97 1.97 0.00 | 43.67 2.19 0.00 | 77.72 4.11 0.00 | 47.50 2.56 0.00 | 38.09 2.06 0.00 | 34.82 1.82 0.00 | 33.89 1.76 0.00 | 36.70 1.56 0.00 | 35.44 1.47 0.00 |
| LOVETT___4 23642 | 39.04 1.88 0.00 | 30.69 1.43 0.00 | 29.11 1.22 0.00 | 30.07 1.22 0.00 | 31.09 1.35 0.00 | 35.95 1.79 0.00 | 40.56 2.17 0.00 | 62.95 3.48 0.00 | 35.49 1.98 0.00 | 30.09 1.73 0.00 | 29.90 1.77 0.00 | 29.02 1.70 0.00 | 30.13 1.74 0.00 | 31.82 1.73 0.00 | 36.52 1.92 0.00 | 38.97 1.97 0.00 | 43.67 2.19 0.00 | 77.72 4.11 0.00 | 47.50 2.56 0.00 | 38.09 2.06 0.00 | 34.82 1.82 0.00 | 33.89 1.76 0.00 | 36.70 1.56 0.00 | 35.44 1.47 0.00 |
| LOVETT___5 23593 | 39.04 1.88 0.00 | 30.69 1.43 0.00 | 29.11 1.22 0.00 | 30.07 1.22 0.00 | 31.09 1.35 0.00 | 35.95 1.79 0.00 | 40.56 2.17 0.00 | 62.95 3.48 0.00 | 35.49 1.98 0.00 | 30.09 1.73 0.00 | 29.90 1.77 0.00 | 29.02 1.70 0.00 | 30.13 1.74 0.00 | 31.82 1.73 0.00 | 36.52 1.92 0.00 | 38.97 1.97 0.00 | 43.67 2.19 0.00 | 77.72 4.11 0.00 | 47.50 2.56 0.00 | 38.09 2.06 0.00 | 34.82 1.82 0.00 | 33.89 1.76 0.00 | 36.70 1.56 0.00 | 35.44 1.47 0.00 |
| LOWER RAQUET___HYD 24057 | 35.52 -1.64 0.00 | 28.01 -1.25 0.00 | 26.54 -1.36 0.00 | 27.38 -1.46 0.00 | 27.97 -1.77 0.00 | 32.40 -1.76 0.00 | 36.86 -1.53 0.00 | 56.98 -2.49 0.00 | 32.00 -1.50 0.00 | 27.85 -0.51 0.00 | 27.82 -0.31 0.00 | 27.28 -0.05 0.00 | 28.55 0.16 0.00 | 30.15 0.06 0.00 | 34.80 0.19 0.00 | 37.02 0.03 0.00 | 41.90 0.41 0.00 | 74.48 0.87 0.00 | 45.41 0.46 0.00 | 36.09 0.06 0.00 | 33.03 0.02 0.00 | 31.89 -0.24 0.00 | 35.33 0.18 0.00 | 34.00 0.04 0.00 |
| LOWER___HUDSON 24059 | 38.42 1.26 0.00 | 30.37 1.11 0.00 | 28.94 1.04 0.00 | 29.94 1.09 0.00 | 30.86 1.13 0.00 | 35.55 1.39 0.00 | 40.10 1.71 0.00 | 62.09 2.62 0.00 | 34.94 1.44 0.00 | 29.37 1.01 0.00 | 29.09 0.96 0.00 | 28.23 0.90 0.00 | 29.31 0.92 0.00 | 31.16 1.07 0.00 | 35.83 1.23 0.00 | 38.34 1.35 0.00 | 42.87 1.38 0.00 | 75.99 2.38 0.00 | 46.46 1.52 0.00 | 37.36 1.34 0.00 | 34.31 1.30 0.00 | 33.48 1.35 0.00 | 36.44 1.30 0.00 | 35.16 1.19 0.00 |
| LOWVILLE_115KV_TB2 356335 | 37.27 0.11 0.00 | 29.37 0.11 0.00 | 27.97 0.08 0.00 | 28.90 0.05 0.00 | 29.75 0.01 0.00 | 34.35 0.19 0.00 | 39.06 0.67 0.00 | 60.59 1.13 0.00 | 33.90 0.40 0.00 | 28.43 0.07 0.00 | 28.09 -0.04 0.00 | 27.29 -0.03 0.00 | 28.41 0.03 0.00 | 30.02 -0.07 0.00 | 34.62 0.02 0.00 | 37.47 0.47 0.00 | 42.56 1.07 0.00 | 75.75 2.14 0.00 | 46.23 1.29 0.00 | 36.88 0.86 0.00 | 33.65 0.65 0.00 | 32.37 0.24 0.00 | 35.32 0.17 0.00 | 33.95 -0.02 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 38.74 1.59 0.00 | 30.60 1.34 0.00 | 29.15 1.26 0.00 | 30.18 1.34 0.00 | 31.15 1.42 0.00 | 35.93 1.77 0.00 | 40.52 2.13 0.00 | 62.78 3.31 0.00 | 35.25 1.75 0.00 | 29.57 1.21 0.00 | 29.26 1.14 0.00 | 28.39 1.07 0.00 | 29.49 1.11 0.00 | 31.36 1.27 0.00 | 36.10 1.50 0.00 | 38.69 1.69 0.00 | 43.38 1.89 0.00 | 76.95 3.34 0.00 | 47.06 2.12 0.00 | 37.80 1.78 0.00 | 34.67 1.66 0.00 | 33.80 1.67 0.00 | 36.81 1.67 0.00 | 35.49 1.53 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 38.75 1.59 0.00 | 30.59 1.33 0.00 | 29.14 1.25 0.00 | 30.18 1.34 0.00 | 31.15 1.42 0.00 | 35.98 1.82 0.00 | 40.55 2.16 0.00 | 62.78 3.32 0.00 | 35.25 1.75 0.00 | 29.56 1.20 0.00 | 29.27 1.14 0.00 | 28.39 1.07 0.00 | 29.48 1.10 0.00 | 31.35 1.26 0.00 | 36.12 1.52 0.00 | 38.70 1.70 0.00 | 43.40 1.92 0.00 | 76.95 3.34 0.00 | 47.09 2.15 0.00 | 37.81 1.78 0.00 | 34.67 1.67 0.00 | 33.81 1.68 0.00 | 36.82 1.67 0.00 | 35.49 1.53 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 36.16 -1.00 0.00 | 28.51 -0.75 0.00 | 27.07 -0.83 0.00 | 27.94 -0.91 0.00 | 28.67 -1.07 0.00 | 33.15 -1.02 0.00 | 37.72 -0.67 0.00 | 58.42 -1.04 0.00 | 32.72 -0.78 0.00 | 27.93 -0.43 0.00 | 27.74 -0.39 0.00 | 27.07 -0.26 0.00 | 28.27 -0.12 0.00 | 29.86 -0.23 0.00 | 34.45 -0.15 0.00 | 37.01 0.01 0.00 | 41.99 0.50 0.00 | 74.76 1.15 0.00 | 45.61 0.67 0.00 | 36.31 0.29 0.00 | 33.17 0.17 0.00 | 31.97 -0.17 0.00 | 35.15 0.01 0.00 | 33.81 -0.16 0.00 |
| LYONS_FALL_HYD 23570 | 37.50 0.34 0.00 | 29.54 0.28 0.00 | 28.15 0.26 0.00 | 29.11 0.26 0.00 | 30.00 0.26 0.00 | 34.61 0.45 0.00 | 39.22 0.83 0.00 | 60.84 1.37 0.00 | 34.09 0.59 0.00 | 28.66 0.30 0.00 | 28.35 0.22 0.00 | 27.53 0.20 0.00 | 28.62 0.23 0.00 | 30.27 0.18 0.00 | 34.90 0.29 0.00 | 37.68 0.68 0.00 | 42.62 1.13 0.00 | 75.77 2.17 0.00 | 46.24 1.30 0.00 | 36.93 0.90 0.00 | 33.75 0.75 0.00 | 32.58 0.44 0.00 | 35.55 0.41 0.00 | 34.22 0.26 0.00 |
| MADISON___COUNTY_LFGE 323628 | 38.00 0.84 0.00 | 29.90 0.64 0.00 | 28.58 0.69 0.00 | 29.58 0.74 0.00 | 30.54 0.80 0.00 | 35.21 1.05 0.00 | 39.72 1.33 0.00 | 61.58 2.12 0.00 | 34.56 1.05 0.00 | 29.07 0.70 0.00 | 28.77 0.64 0.00 | 27.88 0.55 0.00 | 28.96 0.57 0.00 | 30.61 0.52 0.00 | 35.29 0.69 0.00 | 38.07 1.07 0.00 | 42.88 1.39 0.00 | 75.99 2.38 0.00 | 46.35 1.41 0.00 | 37.05 1.02 0.00 | 33.90 0.90 0.00 | 32.88 0.74 0.00 | 35.90 0.76 0.00 | 34.67 0.71 0.00 |
| MALONE___115KV_TB1 356076 | 35.09 -2.07 0.00 | 27.74 -1.52 0.00 | 26.34 -1.56 0.00 | 27.16 -1.69 0.00 | 27.71 -2.02 0.00 | 32.13 -2.03 0.00 | 36.55 -1.84 0.00 | 56.69 -2.78 0.00 | 33.11 -0.39 0.00 | 29.42 1.05 0.00 | 29.20 1.06 0.00 | 28.58 1.25 0.00 | 29.90 1.51 0.00 | 31.48 1.39 0.00 | 36.34 1.74 0.00 | 38.79 1.79 0.00 | 44.08 2.59 0.00 | 78.74 5.13 0.00 | 48.05 3.11 0.00 | 38.16 2.13 0.00 | 34.85 1.85 0.00 | 33.62 1.48 0.00 | 37.06 1.92 0.00 | 35.57 1.60 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 38.07 0.91 0.00 | 30.05 0.79 0.00 | 28.65 0.75 0.00 | 29.61 0.77 0.00 | 30.54 0.80 0.00 | 35.19 1.03 0.00 | 39.70 1.31 0.00 | 61.51 2.04 0.00 | 34.64 1.14 0.00 | 29.17 0.81 0.00 | 28.91 0.78 0.00 | 28.08 0.76 0.00 | 29.12 0.73 0.00 | 30.89 0.80 0.00 | 35.55 0.95 0.00 | 38.09 1.09 0.00 | 42.63 1.14 0.00 | 75.57 1.96 0.00 | 46.18 1.24 0.00 | 37.11 1.09 0.00 | 34.04 1.04 0.00 | 33.20 1.07 0.00 | 36.12 0.98 0.00 | 34.84 0.88 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 36.21 -0.95 0.00 | 28.57 -0.70 0.00 | 27.18 -0.71 0.00 | 28.09 -0.76 0.00 | 28.81 -0.93 0.00 | 33.20 -0.97 0.00 | 37.51 -0.88 0.00 | 58.02 -1.45 0.00 | 32.57 -0.94 0.00 | 27.95 -0.41 0.00 | 27.85 -0.28 0.00 | 27.16 -0.16 0.00 | 28.30 -0.08 0.00 | 29.95 -0.14 0.00 | 34.47 -0.14 0.00 | 36.73 -0.27 0.00 | 41.23 -0.26 0.00 | 73.09 -0.52 0.00 | 44.59 -0.36 0.00 | 35.59 -0.44 0.00 | 32.59 -0.41 0.00 | 31.59 -0.55 0.00 | 34.69 -0.45 0.00 | 33.39 -0.58 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 36.21 -0.95 0.00 | 28.57 -0.70 0.00 | 27.18 -0.71 0.00 | 28.09 -0.76 0.00 | 28.81 -0.93 0.00 | 33.20 -0.97 0.00 | 37.51 -0.88 0.00 | 58.02 -1.45 0.00 | 32.57 -0.94 0.00 | 27.95 -0.41 0.00 | 27.85 -0.28 0.00 | 27.16 -0.16 0.00 | 28.30 -0.08 0.00 | 29.95 -0.14 0.00 | 34.47 -0.14 0.00 | 36.73 -0.27 0.00 | 41.23 -0.26 0.00 | 73.09 -0.52 0.00 | 44.59 -0.36 0.00 | 35.59 -0.44 0.00 | 32.59 -0.41 0.00 | 31.59 -0.55 0.00 | 34.69 -0.45 0.00 | 33.39 -0.58 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 34.43 -2.73 0.00 | 27.28 -1.98 0.00 | 25.90 -1.99 0.00 | 26.72 -2.13 0.00 | 27.23 -2.50 0.00 | 31.57 -2.60 0.00 | 35.87 -2.52 0.00 | 55.63 -3.83 0.00 | 31.22 -2.28 0.00 | 27.19 -1.17 0.00 | 27.49 -0.64 0.00 | 27.03 -0.30 0.00 | 28.34 -0.05 0.00 | 30.00 -0.09 0.00 | 34.54 -0.07 0.00 | 36.61 -0.39 0.00 | 41.30 -0.18 0.00 | 73.25 -0.36 0.00 | 44.68 -0.26 0.00 | 35.55 -0.48 0.00 | 32.60 -0.40 0.00 | 31.58 -0.56 0.00 | 34.99 -0.15 0.00 | 33.63 -0.33 0.00 |
| MARSHVLE_115KV_TB1 80742 | 39.14 1.97 0.00 | 30.77 1.51 0.00 | 29.34 1.45 0.00 | 30.33 1.49 0.00 | 31.30 1.57 0.00 | 36.04 1.87 0.00 | 40.66 2.27 0.00 | 63.10 3.64 0.00 | 35.03 1.53 0.00 | 29.37 1.01 0.00 | 29.13 1.00 0.00 | 28.37 1.05 0.00 | 29.64 1.26 0.00 | 31.38 1.29 0.00 | 36.13 1.52 0.00 | 39.01 2.02 0.00 | 44.11 2.63 0.00 | 78.58 4.98 0.00 | 47.92 2.98 0.00 | 38.29 2.26 0.00 | 34.91 1.90 0.00 | 33.85 1.72 0.00 | 37.07 1.92 0.00 | 35.68 1.72 0.00 |
| MARSH_HILL_WT_PWR 323713 | 37.64 0.48 0.00 | 29.20 -0.06 0.00 | 28.15 0.25 0.00 | 29.22 0.38 0.00 | 30.25 0.52 0.00 | 34.96 0.79 0.00 | 39.02 0.63 0.00 | 60.39 0.92 0.00 | 34.09 0.59 0.00 | 28.60 0.24 0.00 | 28.30 0.16 0.00 | 27.36 0.04 0.00 | 28.55 0.17 0.00 | 29.96 -0.13 0.00 | 34.51 -0.09 0.00 | 36.63 -0.37 0.00 | 41.00 -0.48 0.00 | 72.52 -1.09 0.00 | 43.98 -0.96 0.00 | 34.79 -1.23 0.00 | 31.57 -1.43 0.00 | 30.50 -1.64 0.00 | 33.41 -1.73 0.00 | 32.66 -1.30 0.00 |
| MCINTYRE_115KV_TB2 80467 | 35.97 -1.19 0.00 | 28.36 -0.90 0.00 | 26.88 -1.01 0.00 | 27.74 -1.10 0.00 | 28.31 -1.42 0.00 | 32.85 -1.31 0.00 | 37.43 -0.96 0.00 | 57.81 -1.66 0.00 | 32.17 -1.34 0.00 | 27.82 -0.54 0.00 | 27.83 -0.30 0.00 | 27.33 0.01 0.00 | 28.64 0.26 0.00 | 30.25 0.16 0.00 | 35.00 0.39 0.00 | 37.15 0.16 0.00 | 42.32 0.83 0.00 | 75.36 1.75 0.00 | 45.90 0.96 0.00 | 36.45 0.42 0.00 | 33.36 0.36 0.00 | 32.22 0.09 0.00 | 35.74 0.59 0.00 | 34.40 0.43 0.00 |
| MECO_____69_KV_BK1 80468 | 39.49 2.33 0.00 | 31.07 1.81 0.00 | 29.61 1.72 0.00 | 30.64 1.79 0.00 | 31.64 1.91 0.00 | 36.49 2.32 0.00 | 41.24 2.85 0.00 | 64.01 4.55 0.00 | 35.38 1.88 0.00 | 29.34 0.98 0.00 | 28.90 0.77 0.00 | 28.10 0.77 0.00 | 29.25 0.86 0.00 | 30.99 0.90 0.00 | 35.81 1.21 0.00 | 39.19 2.19 0.00 | 44.61 3.12 0.00 | 79.56 5.96 0.00 | 48.54 3.60 0.00 | 38.84 2.81 0.00 | 35.44 2.44 0.00 | 34.38 2.24 0.00 | 37.50 2.36 0.00 | 36.11 2.14 0.00 |
| MENANDS___115KV_TB5 355628 | 37.84 0.69 0.00 | 29.89 0.63 0.00 | 28.49 0.60 0.00 | 29.45 0.60 0.00 | 30.36 0.62 0.00 | 34.99 0.83 0.00 | 39.46 1.07 0.00 | 61.10 1.63 0.00 | 34.43 0.93 0.00 | 29.02 0.66 0.00 | 28.78 0.65 0.00 | 27.97 0.64 0.00 | 28.99 0.61 0.00 | 30.76 0.67 0.00 | 35.36 0.76 0.00 | 37.85 0.85 0.00 | 42.31 0.82 0.00 | 75.01 1.40 0.00 | 45.84 0.90 0.00 | 36.85 0.82 0.00 | 33.81 0.81 0.00 | 33.00 0.86 0.00 | 35.89 0.75 0.00 | 34.63 0.67 0.00 |
| MG INDUSTRY___DRP 24185 | 37.91 0.76 0.00 | 29.93 0.67 0.00 | 28.54 0.64 0.00 | 29.50 0.66 0.00 | 30.42 0.69 0.00 | 35.03 0.87 0.00 | 39.48 1.09 0.00 | 61.07 1.61 0.00 | 34.29 0.79 0.00 | 28.84 0.48 0.00 | 28.59 0.47 0.00 | 27.79 0.47 0.00 | 28.84 0.45 0.00 | 30.56 0.47 0.00 | 35.21 0.61 0.00 | 37.80 0.80 0.00 | 42.34 0.85 0.00 | 75.01 1.41 0.00 | 45.87 0.93 0.00 | 36.84 0.81 0.00 | 33.79 0.79 0.00 | 32.94 0.81 0.00 | 35.89 0.74 0.00 | 34.65 0.69 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 36.16 -1.00 0.00 | 28.51 -0.75 0.00 | 27.07 -0.83 0.00 | 27.94 -0.91 0.00 | 28.67 -1.07 0.00 | 33.15 -1.02 0.00 | 37.72 -0.67 0.00 | 58.42 -1.04 0.00 | 32.72 -0.78 0.00 | 27.93 -0.43 0.00 | 27.74 -0.39 0.00 | 27.07 -0.26 0.00 | 28.27 -0.12 0.00 | 29.86 -0.23 0.00 | 34.45 -0.15 0.00 | 37.01 0.01 0.00 | 41.99 0.50 0.00 | 74.76 1.15 0.00 | 45.61 0.67 0.00 | 36.31 0.29 0.00 | 33.17 0.17 0.00 | 31.97 -0.17 0.00 | 35.15 0.01 0.00 | 33.81 -0.16 0.00 |
| MID___RAQUETTE_HYD 23851 | 35.52 -1.64 0.00 | 28.01 -1.25 0.00 | 26.53 -1.36 0.00 | 27.38 -1.46 0.00 | 27.97 -1.77 0.00 | 32.40 -1.76 0.00 | 36.86 -1.53 0.00 | 56.98 -2.49 0.00 | 32.00 -1.50 0.00 | 27.85 -0.51 0.00 | 27.82 -0.31 0.00 | 27.28 -0.05 0.00 | 28.55 0.16 0.00 | 30.15 0.06 0.00 | 34.79 0.19 0.00 | 37.02 0.02 0.00 | 41.89 0.40 0.00 | 74.48 0.87 0.00 | 45.41 0.46 0.00 | 36.09 0.06 0.00 | 33.03 0.02 0.00 | 31.89 -0.24 0.00 | 35.33 0.18 0.00 | 34.00 0.04 0.00 |
| MILLIKEN___1 23584 | 38.01 0.85 0.00 | 29.82 0.56 0.00 | 28.48 0.59 0.00 | 29.49 0.65 0.00 | 30.44 0.71 0.00 | 35.01 0.84 0.00 | 39.37 0.97 0.00 | 61.09 1.63 0.00 | 34.35 0.85 0.00 | 28.92 0.55 0.00 | 28.56 0.43 0.00 | 27.68 0.35 0.00 | 28.75 0.37 0.00 | 30.35 0.26 0.00 | 34.96 0.36 0.00 | 37.56 0.56 0.00 | 42.34 0.85 0.00 | 75.23 1.63 0.00 | 45.84 0.90 0.00 | 36.65 0.63 0.00 | 33.49 0.49 0.00 | 32.56 0.42 0.00 | 35.58 0.44 0.00 | 34.41 0.44 0.00 |
| MILLIKEN___2 23585 | 38.01 0.85 0.00 | 29.82 0.56 0.00 | 28.48 0.59 0.00 | 29.49 0.65 0.00 | 30.44 0.71 0.00 | 35.01 0.84 0.00 | 39.37 0.97 0.00 | 61.09 1.63 0.00 | 34.35 0.85 0.00 | 28.92 0.55 0.00 | 28.56 0.43 0.00 | 27.68 0.35 0.00 | 28.75 0.37 0.00 | 30.35 0.26 0.00 | 34.96 0.36 0.00 | 37.56 0.56 0.00 | 42.34 0.85 0.00 | 75.23 1.63 0.00 | 45.84 0.90 0.00 | 36.65 0.63 0.00 | 33.49 0.49 0.00 | 32.56 0.42 0.00 | 35.58 0.44 0.00 | 34.41 0.44 0.00 |
| MILLIKEN___DIESEL 23629 | 38.01 0.85 0.00 | 29.82 0.56 0.00 | 28.48 0.59 0.00 | 29.49 0.65 0.00 | 30.44 0.71 0.00 | 35.01 0.84 0.00 | 39.37 0.97 0.00 | 61.09 1.63 0.00 | 34.35 0.85 0.00 | 28.92 0.55 0.00 | 28.56 0.43 0.00 | 27.68 0.35 0.00 | 28.75 0.37 0.00 | 30.35 0.26 0.00 | 34.96 0.36 0.00 | 37.56 0.56 0.00 | 42.34 0.85 0.00 | 75.23 1.63 0.00 | 45.84 0.90 0.00 | 36.65 0.63 0.00 | 33.49 0.49 0.00 | 32.56 0.42 0.00 | 35.58 0.44 0.00 | 34.41 0.44 0.00 |
| MILLSEAT___LFGE 323607 | 37.18 0.03 0.00 | 28.96 -0.31 0.00 | 27.76 -0.14 0.00 | 28.80 -0.05 0.00 | 29.71 -0.03 0.00 | 33.99 -0.17 0.00 | 37.53 -0.86 0.00 | 58.34 -1.12 0.00 | 33.10 -0.40 0.00 | 27.97 -0.39 0.00 | 27.65 -0.48 0.00 | 26.84 -0.49 0.00 | 28.05 -0.33 0.00 | 29.38 -0.70 0.00 | 33.88 -0.73 0.00 | 35.91 -1.09 0.00 | 39.98 -1.17 0.34 | 71.07 -2.54 0.00 | 43.09 -1.86 0.00 | 34.28 -1.75 0.00 | 31.43 -1.57 0.00 | 30.53 -1.61 0.00 | 33.88 -1.27 0.00 | 33.19 -0.78 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 39.12 1.96 0.00 | 30.77 1.51 0.00 | 29.20 1.31 0.00 | 30.15 1.30 0.00 | 31.16 1.43 0.00 | 36.00 1.84 0.00 | 40.63 2.24 0.00 | 63.07 3.61 0.00 | 35.58 2.08 0.00 | 30.17 1.81 0.00 | 29.97 1.84 0.00 | 29.08 1.76 0.00 | 30.20 1.81 0.00 | 31.91 1.82 0.00 | 36.61 2.01 0.00 | 39.08 2.08 0.00 | 43.78 2.29 0.00 | 77.86 4.26 0.00 | 47.60 2.66 0.00 | 38.20 2.17 0.00 | 34.91 1.92 0.00 | 34.00 1.86 0.00 | 36.83 1.68 0.00 | 35.56 1.60 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 39.16 2.00 0.00 | 30.81 1.55 0.00 | 29.23 1.34 0.00 | 30.19 1.34 0.00 | 31.20 1.46 0.00 | 36.05 1.89 0.00 | 40.69 2.30 0.00 | 63.18 3.71 0.00 | 35.63 2.13 0.00 | 30.21 1.85 0.00 | 30.00 1.87 0.00 | 29.12 1.80 0.00 | 30.24 1.85 0.00 | 31.95 1.86 0.00 | 36.67 2.07 0.00 | 39.13 2.13 0.00 | 43.86 2.37 0.00 | 78.01 4.40 0.00 | 47.68 2.74 0.00 | 38.26 2.23 0.00 | 34.97 1.97 0.00 | 34.03 1.90 0.00 | 36.87 1.72 0.00 | 35.61 1.64 0.00 |
| MODEL_CITY_ENERGY 24167 | 36.18 -0.98 0.00 | 28.14 -1.12 0.00 | 26.99 -0.90 0.00 | 28.02 -0.83 0.00 | 28.87 -0.87 0.00 | 32.93 -1.24 0.00 | 36.12 -2.27 0.00 | 55.83 -3.63 0.00 | 31.78 -1.72 0.00 | 26.97 -1.39 0.00 | 26.74 -1.39 0.00 | 25.99 -1.33 0.00 | 27.20 -1.19 0.00 | 28.46 -1.63 0.00 | 32.69 -1.91 0.00 | 34.42 -2.58 0.00 | 38.11 -2.98 0.40 | 67.67 -5.93 0.00 | 41.04 -3.90 0.00 | 32.67 -3.36 0.00 | 30.01 -2.99 0.00 | 29.21 -2.92 0.00 | 32.58 -2.57 0.00 | 32.09 -1.87 0.00 |
| MODERN_LFGE___ 323580 | 36.18 -0.98 0.00 | 28.14 -1.12 0.00 | 26.99 -0.90 0.00 | 28.02 -0.83 0.00 | 28.87 -0.87 0.00 | 32.93 -1.24 0.00 | 36.12 -2.27 0.00 | 55.83 -3.63 0.00 | 31.78 -1.72 0.00 | 26.97 -1.39 0.00 | 26.74 -1.39 0.00 | 25.99 -1.33 0.00 | 27.20 -1.19 0.00 | 28.46 -1.63 0.00 | 32.69 -1.91 0.00 | 34.42 -2.58 0.00 | 38.11 -2.98 0.40 | 67.67 -5.93 0.00 | 41.04 -3.90 0.00 | 32.67 -3.36 0.00 | 30.01 -2.99 0.00 | 29.21 -2.92 0.00 | 32.58 -2.57 0.00 | 32.09 -1.87 0.00 |
| MOHAWK_PAPER___DRP 24187 | 38.07 0.91 0.00 | 30.05 0.79 0.00 | 28.65 0.75 0.00 | 29.61 0.77 0.00 | 30.54 0.80 0.00 | 35.19 1.03 0.00 | 39.70 1.31 0.00 | 61.51 2.04 0.00 | 34.64 1.14 0.00 | 29.17 0.81 0.00 | 28.91 0.78 0.00 | 28.08 0.76 0.00 | 29.12 0.73 0.00 | 30.89 0.80 0.00 | 35.55 0.95 0.00 | 38.09 1.09 0.00 | 42.63 1.14 0.00 | 75.57 1.96 0.00 | 46.18 1.24 0.00 | 37.11 1.09 0.00 | 34.04 1.04 0.00 | 33.20 1.07 0.00 | 36.12 0.98 0.00 | 34.84 0.88 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 38.78 1.62 0.00 | 30.64 1.38 0.00 | 29.21 1.32 0.00 | 30.28 1.43 0.00 | 31.30 1.57 0.00 | 36.05 1.89 0.00 | 40.72 2.33 0.00 | 63.16 3.69 0.00 | 35.47 1.97 0.00 | 29.59 1.23 0.00 | 29.33 1.20 0.00 | 28.40 1.08 0.00 | 29.54 1.15 0.00 | 31.49 1.40 0.00 | 36.17 1.57 0.00 | 38.68 1.69 0.00 | 43.43 1.94 0.00 | 77.11 3.50 0.00 | 47.20 2.25 0.00 | 37.96 1.93 0.00 | 34.84 1.84 0.00 | 33.98 1.84 0.00 | 37.05 1.90 0.00 | 35.65 1.68 0.00 |
| MONGAUP___HYD 23641 | 39.40 2.25 0.00 | 30.98 1.72 0.00 | 29.43 1.53 0.00 | 30.39 1.54 0.00 | 31.42 1.69 0.00 | 36.28 2.12 0.00 | 41.01 2.61 0.00 | 63.69 4.22 0.00 | 35.74 2.23 0.00 | 30.07 1.71 0.00 | 29.68 1.55 0.00 | 28.71 1.39 0.00 | 29.78 1.40 0.00 | 31.45 1.37 0.00 | 36.34 1.74 0.00 | 39.07 2.08 0.00 | 43.98 2.49 0.00 | 78.48 4.87 0.00 | 48.00 3.05 0.00 | 38.49 2.47 0.00 | 35.20 2.20 0.00 | 34.23 2.10 0.00 | 37.11 1.96 0.00 | 35.77 1.81 0.00 |
| MONTAUK___DIESEL 23721 | 38.31 1.15 0.00 | 30.51 1.24 0.00 | 28.72 0.82 0.00 | 29.73 0.88 0.00 | 30.60 0.87 0.00 | 35.48 1.32 0.00 | 40.19 1.81 0.00 | 62.17 2.71 0.00 | 34.90 1.40 0.00 | 29.17 0.81 0.00 | 29.80 1.67 0.00 | 29.17 1.85 0.00 | 30.45 2.06 0.00 | 31.92 1.83 0.00 | 36.24 1.63 0.00 | 39.27 2.27 0.00 | 50.04 3.14 -5.42 | 88.02 6.51 -7.89 | 53.42 3.77 -4.71 | 59.52 3.32 -20.17 | 46.49 3.51 -9.98 | 37.49 3.60 -1.76 | 38.84 3.69 0.00 | 37.60 3.64 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 38.45 1.29 0.00 | 29.86 0.59 0.00 | 28.63 0.74 0.00 | 29.73 0.89 0.00 | 30.69 0.96 0.00 | 35.20 1.04 0.00 | 38.81 0.42 0.00 | 59.73 0.27 0.00 | 33.63 0.13 0.00 | 28.56 0.19 0.00 | 28.53 0.40 0.00 | 27.70 0.37 0.00 | 28.91 0.52 0.00 | 30.38 0.29 0.00 | 34.83 0.22 0.00 | 36.64 -0.36 0.00 | 40.85 -0.63 0.00 | 71.05 -2.56 0.00 | 42.66 -2.29 0.00 | 33.79 -2.23 0.00 | 31.24 -1.76 0.00 | 30.14 -2.00 0.00 | 33.56 -1.59 0.00 | 32.99 -0.97 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 37.32 0.16 0.00 | 28.96 -0.30 0.00 | 27.83 -0.06 0.00 | 28.88 0.03 0.00 | 29.86 0.12 0.00 | 34.35 0.18 0.00 | 38.16 -0.23 0.00 | 58.99 -0.48 0.00 | 33.28 -0.22 0.00 | 27.97 -0.39 0.00 | 27.74 -0.39 0.00 | 26.86 -0.46 0.00 | 28.08 -0.31 0.00 | 29.44 -0.65 0.00 | 33.97 -0.64 0.00 | 36.00 -1.00 0.00 | 40.33 -1.15 0.00 | 71.15 -2.46 0.00 | 43.17 -1.77 0.00 | 34.32 -1.71 0.00 | 31.38 -1.62 0.00 | 30.39 -1.75 0.00 | 33.43 -1.72 0.00 | 32.69 -1.27 0.00 |
| MORTIMER_115KV_TB3 55949 | 36.83 -0.33 0.00 | 28.77 -0.49 0.00 | 27.53 -0.37 0.00 | 28.52 -0.33 0.00 | 29.42 -0.32 0.00 | 33.70 -0.46 0.00 | 37.49 -0.90 0.00 | 58.12 -1.34 0.00 | 32.87 -0.64 0.00 | 27.82 -0.54 0.00 | 27.56 -0.57 0.00 | 26.79 -0.54 0.00 | 27.94 -0.45 0.00 | 29.34 -0.75 0.00 | 33.76 -0.85 0.00 | 35.84 -1.15 0.00 | 40.24 -1.25 0.00 | 71.16 -2.45 0.00 | 43.26 -1.69 0.00 | 34.50 -1.53 0.00 | 31.59 -1.41 0.00 | 30.72 -1.42 0.00 | 33.94 -1.21 0.00 | 33.04 -0.93 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 39.40 2.24 0.00 | 30.98 1.72 0.00 | 29.38 1.49 0.00 | 30.32 1.47 0.00 | 31.33 1.59 0.00 | 36.18 2.02 0.00 | 40.81 2.42 0.00 | 63.41 3.94 0.00 | 35.80 2.30 0.00 | 30.41 2.05 0.00 | 30.22 2.09 0.00 | 29.34 2.02 0.00 | 30.46 2.07 0.00 | 32.19 2.10 0.00 | 36.88 2.28 0.00 | 39.33 2.33 0.00 | 44.06 2.56 0.00 | 78.33 4.72 0.00 | 47.88 2.95 0.00 | 38.43 2.40 0.00 | 35.12 2.12 0.00 | 34.21 2.07 0.00 | 37.07 1.93 0.00 | 35.81 1.84 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 39.79 2.63 0.00 | 31.35 2.09 0.00 | 29.86 1.97 0.00 | 30.99 2.15 0.00 | 32.05 2.32 0.00 | 37.24 3.08 0.00 | 42.34 3.95 0.00 | 65.69 6.23 0.00 | 36.70 3.20 0.00 | 30.64 2.28 0.00 | 30.20 2.07 0.00 | 29.22 1.89 0.00 | 30.33 1.94 0.00 | 31.98 1.89 0.00 | 37.17 2.56 0.00 | 40.28 3.28 0.00 | 45.67 4.07 -0.11 | 80.96 7.35 0.00 | 49.29 4.35 0.00 | 39.06 3.03 0.00 | 35.51 2.51 0.00 | 34.17 2.03 0.00 | 37.06 1.92 0.00 | 35.79 1.82 0.00 |
| N SALMON___HYD 24042 | 35.09 -2.07 0.00 | 27.74 -1.52 0.00 | 26.34 -1.56 0.00 | 27.16 -1.69 0.00 | 27.71 -2.02 0.00 | 32.14 -2.02 0.00 | 36.55 -1.84 0.00 | 56.68 -2.78 0.00 | 33.11 -0.39 0.00 | 29.42 1.05 0.00 | 29.20 1.06 0.00 | 28.57 1.25 0.00 | 29.90 1.51 0.00 | 31.48 1.39 0.00 | 36.34 1.74 0.00 | 38.79 1.79 0.00 | 44.08 2.59 0.00 | 78.74 5.13 0.00 | 48.05 3.11 0.00 | 38.16 2.13 0.00 | 34.85 1.85 0.00 | 33.62 1.48 0.00 | 37.06 1.91 0.00 | 35.57 1.60 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 37.04 -0.11 0.00 | 28.84 -0.42 0.00 | 27.65 -0.24 0.00 | 28.69 -0.16 0.00 | 29.59 -0.14 0.00 | 33.86 -0.30 0.00 | 37.30 -1.09 0.00 | 57.98 -1.49 0.00 | 32.95 -0.55 0.00 | 27.87 -0.49 0.00 | 27.58 -0.55 0.00 | 26.77 -0.55 0.00 | 28.00 -0.39 0.00 | 29.32 -0.77 0.00 | 33.77 -0.83 0.00 | 35.73 -1.27 0.00 | 40.09 -1.39 0.00 | 70.55 -3.06 0.00 | 42.77 -2.17 0.00 | 34.03 -2.00 0.00 | 31.22 -1.78 0.00 | 30.34 -1.80 0.00 | 33.69 -1.45 0.00 | 33.05 -0.92 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 39.49 2.33 0.00 | 31.13 1.87 0.00 | 29.46 1.57 0.00 | 30.45 1.60 0.00 | 31.44 1.71 0.00 | 36.36 2.20 0.00 | 41.12 2.73 0.00 | 63.81 4.34 0.00 | 35.98 2.48 0.00 | 30.39 2.03 0.00 | 30.36 2.23 0.00 | 29.42 2.10 0.00 | 30.60 2.21 0.00 | 32.36 2.27 0.00 | 37.08 2.47 0.00 | 39.60 2.60 0.00 | 51.89 2.86 -7.54 | 91.25 5.36 -12.29 | 54.83 3.33 -6.56 | 66.76 2.63 -28.11 | 51.59 2.47 -16.12 | 37.03 2.45 -2.45 | 37.41 2.27 0.00 | 36.10 2.13 0.00 |
| N.E_GEN_SANDY PD 24062 | 38.62 1.46 0.00 | 30.54 1.28 0.00 | 29.09 1.20 0.00 | 30.18 1.24 -0.10 | 31.03 1.29 0.00 | 36.14 1.58 -0.39 | 45.75 1.93 -5.43 | 70.45 3.02 -7.96 | 39.47 1.72 -4.25 | 29.06 1.35 0.65 | 29.35 1.28 0.07 | 28.54 1.21 0.00 | 29.58 1.24 0.04 | 31.59 1.37 -0.14 | 35.56 1.54 0.58 | 38.58 1.58 0.00 | 42.83 1.63 0.29 | 76.43 2.82 0.00 | 43.99 1.80 2.75 | 37.58 1.55 0.00 | 34.48 1.48 0.00 | 35.00 1.51 -1.35 | 36.79 1.40 -0.24 | 34.87 1.30 0.40 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 39.10 1.94 0.00 | 30.73 1.47 0.00 | 29.15 1.26 0.00 | 30.11 1.27 0.00 | 31.13 1.40 0.00 | 36.01 1.85 0.00 | 40.63 2.24 0.00 | 63.06 3.60 0.00 | 35.54 2.04 0.00 | 30.14 1.78 0.00 | 29.95 1.82 0.00 | 29.08 1.75 0.00 | 30.19 1.80 0.00 | 31.87 1.79 0.00 | 36.59 1.99 0.00 | 39.05 2.05 0.00 | 43.76 2.27 0.00 | 77.87 4.26 0.00 | 47.60 2.66 0.00 | 38.17 2.14 0.00 | 34.89 1.88 0.00 | 33.95 1.82 0.00 | 36.76 1.62 0.00 | 35.50 1.54 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 39.34 2.18 0.00 | 30.98 1.71 0.00 | 29.29 1.40 0.00 | 30.17 1.32 0.00 | 31.21 1.48 0.00 | 36.12 1.96 0.00 | 40.77 2.38 0.00 | 63.31 3.84 0.00 | 35.83 2.33 0.00 | 30.45 2.09 0.00 | 30.21 2.08 0.00 | 29.32 2.00 0.00 | 30.44 2.05 0.00 | 32.16 2.07 0.00 | 36.73 2.12 0.00 | 39.24 2.24 0.00 | 43.90 2.40 0.00 | 78.50 4.46 -0.43 | 47.77 2.83 0.00 | 38.40 2.38 0.00 | 35.77 2.03 -0.73 | -6.56 1.98 40.67 | 36.94 1.79 0.00 | 35.76 1.80 0.00 |
| N.TROY___115KV_TB1 355778 | 38.42 1.26 0.00 | 30.37 1.11 0.00 | 28.94 1.04 0.00 | 29.94 1.09 0.00 | 30.87 1.13 0.00 | 35.55 1.39 0.00 | 40.10 1.71 0.00 | 62.09 2.62 0.00 | 34.94 1.44 0.00 | 29.37 1.01 0.00 | 29.09 0.96 0.00 | 28.23 0.91 0.00 | 29.31 0.92 0.00 | 31.16 1.07 0.00 | 35.83 1.23 0.00 | 38.34 1.35 0.00 | 42.86 1.37 0.00 | 75.99 2.39 0.00 | 46.46 1.52 0.00 | 37.36 1.34 0.00 | 34.31 1.31 0.00 | 33.48 1.35 0.00 | 36.44 1.30 0.00 | 35.16 1.19 0.00 |
| NARROWS_GT1_1 24228 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT1_2 24229 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT1_3 24230 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT1_4 24231 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| NARROWS_GT1_5 24232 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT1_6 24233 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT1_7 24234 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT1_8 24235 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT2_1 24236 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT2_2 24237 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT2_3 24238 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT2_4 24239 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT2_5 24240 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT2_6 24241 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT2_7 24242 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NARROWS_GT2_8 24243 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.36 2.20 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.16 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.44 0.00 | 44.16 2.68 0.00 | 78.47 4.86 0.00 | 48.03 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 38.53 1.37 0.00 | 30.42 1.16 0.00 | 29.03 1.13 0.00 | 30.03 1.18 0.00 | 30.98 1.24 0.00 | 35.74 1.58 0.00 | 40.45 2.06 0.00 | 62.72 3.25 0.00 | 35.07 1.57 0.00 | 29.19 0.83 0.00 | 28.77 0.64 0.00 | 27.92 0.59 0.00 | 28.94 0.56 0.00 | 30.73 0.64 0.00 | 35.50 0.90 0.00 | 38.48 1.48 0.00 | 43.25 1.76 0.00 | 76.84 3.23 0.00 | 46.97 2.03 0.00 | 37.70 1.67 0.00 | 34.56 1.56 0.00 | 33.67 1.54 0.00 | 36.63 1.48 0.00 | 35.29 1.32 0.00 |
| NCHELSEA_115KV_TR2 355582 | 39.33 2.17 0.00 | 30.95 1.69 0.00 | 29.39 1.50 0.00 | 30.37 1.52 0.00 | 31.38 1.65 0.00 | 36.27 2.11 0.00 | 40.98 2.59 0.00 | 63.62 4.16 0.00 | 35.85 2.35 0.00 | 30.35 1.99 0.00 | 30.08 1.96 0.00 | 29.19 1.86 0.00 | 30.30 1.92 0.00 | 32.04 1.95 0.00 | 36.85 2.25 0.00 | 39.36 2.36 0.00 | 44.15 2.66 0.00 | 78.57 4.97 0.00 | 48.03 3.08 0.00 | 38.53 2.50 0.00 | 35.22 2.22 0.00 | 34.27 2.14 0.00 | 37.12 1.98 0.00 | 35.81 1.85 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 38.81 1.65 0.00 | 30.65 1.38 0.00 | 29.19 1.30 0.00 | 30.23 1.38 0.00 | 31.20 1.47 0.00 | 35.96 1.80 0.00 | 40.59 2.20 0.00 | 62.89 3.43 0.00 | 35.33 1.83 0.00 | 29.63 1.27 0.00 | 29.33 1.20 0.00 | 28.46 1.14 0.00 | 29.56 1.17 0.00 | 31.44 1.35 0.00 | 36.19 1.58 0.00 | 38.79 1.79 0.00 | 43.47 1.98 0.00 | 77.12 3.51 0.00 | 47.17 2.23 0.00 | 37.88 1.86 0.00 | 34.75 1.75 0.00 | 33.87 1.74 0.00 | 36.87 1.72 0.00 | 35.55 1.59 0.00 |

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| NEG CENTRAL_HIGH_ACRES 23767 | 36.27 -0.89 0.00 | 28.37 -0.89 0.00 | 27.14 -0.75 0.00 | 28.12 -0.73 0.00 | 29.00 -0.73 0.00 | 33.25 -0.92 0.00 | 37.11 -1.28 0.00 | 57.51 -1.96 0.00 | 32.49 -1.01 0.00 | 27.52 -0.84 0.00 | 27.24 -0.89 0.00 | 26.46 -0.87 0.00 | 27.58 -0.81 0.00 | 29.01 -1.08 0.00 | 33.38 -1.22 0.00 | 35.55 -1.45 0.00 | 39.71 -1.62 0.15 | 70.60 -3.01 0.00 | 42.96 -1.99 0.00 | 34.28 -1.75 0.00 | 31.38 -1.62 0.00 | 30.50 -1.63 0.00 | 33.63 -1.52 0.00 | 32.68 -1.29 0.00 |
| NEG CENTRAL___DRP 24199 | 37.51 0.35 0.00 | 29.35 0.09 0.00 | 28.07 0.18 0.00 | 29.07 0.23 0.00 | 30.03 0.30 0.00 | 34.53 0.37 0.00 | 38.69 0.30 0.00 | 60.01 0.54 0.00 | 33.84 0.34 0.00 | 28.46 0.10 0.00 | 28.12 -0.01 0.00 | 27.27 -0.05 0.00 | 28.38 -0.01 0.00 | 29.92 -0.17 0.00 | 34.45 -0.16 0.00 | 36.88 -0.12 0.00 | 41.43 -0.05 0.00 | 73.59 -0.02 0.00 | 44.82 -0.12 0.00 | 35.86 -0.17 0.00 | 32.75 -0.25 0.00 | 31.80 -0.33 0.00 | 34.85 -0.29 0.00 | 33.79 -0.17 0.00 |
| NEG CENTRAL___INDECK 23768 | 38.30 1.14 0.00 | 29.78 0.52 0.00 | 28.57 0.68 0.00 | 29.64 0.79 0.00 | 30.65 0.92 0.00 | 35.26 1.10 0.00 | 39.44 1.05 0.00 | 61.16 1.69 0.00 | 34.48 0.98 0.00 | 28.84 0.48 0.00 | 28.33 0.20 0.00 | 27.40 0.08 0.00 | 28.63 0.24 0.00 | 30.03 -0.06 0.00 | 34.67 0.06 0.00 | 37.11 0.11 0.00 | 41.90 0.48 0.07 | 74.29 0.68 0.00 | 45.14 0.19 0.00 | 35.91 -0.12 0.00 | 32.76 -0.24 0.00 | 31.70 -0.43 0.00 | 34.83 -0.32 0.00 | 33.92 -0.04 0.00 |
| NEG CENTRAL___SENECA 23627 | 37.66 0.50 0.00 | 29.39 0.12 0.00 | 28.14 0.24 0.00 | 29.16 0.31 0.00 | 30.13 0.40 0.00 | 34.73 0.56 0.00 | 38.87 0.48 0.00 | 60.30 0.84 0.00 | 34.04 0.54 0.00 | 28.54 0.18 0.00 | 28.21 0.08 0.00 | 27.33 0.01 0.00 | 28.47 0.08 0.00 | 29.99 -0.09 0.00 | 34.61 0.00 0.00 | 37.00 0.01 0.00 | 41.52 0.04 0.00 | 73.76 0.16 0.00 | 44.94 0.00 0.00 | 35.94 -0.09 0.00 | 32.80 -0.20 0.00 | 31.79 -0.34 0.00 | 34.79 -0.35 0.00 | 33.82 -0.15 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 37.52 0.37 0.00 | 29.51 0.25 0.00 | 28.20 0.31 0.00 | 29.21 0.37 0.00 | 30.14 0.41 0.00 | 34.49 0.33 0.00 | 38.67 0.28 0.00 | 60.14 0.67 0.00 | 33.88 0.37 0.00 | 28.60 0.24 0.00 | 28.18 0.05 0.00 | 27.40 0.07 0.00 | 28.51 0.12 0.00 | 30.10 0.01 0.00 | 34.49 -0.12 0.00 | 36.96 -0.04 0.00 | 41.69 0.20 0.00 | 74.00 0.39 0.00 | 44.98 0.04 0.00 | 36.07 0.05 0.00 | 32.91 -0.09 0.00 | 32.09 -0.05 0.00 | 35.21 0.07 0.00 | 33.98 0.02 0.00 |
| NEG MILLWOOD___DRP 24198 | 39.43 2.27 0.00 | 31.03 1.77 0.00 | 29.46 1.57 0.00 | 30.43 1.58 0.00 | 31.45 1.72 0.00 | 36.35 2.19 0.00 | 41.09 2.70 0.00 | 63.85 4.38 0.00 | 35.99 2.49 0.00 | 30.48 2.12 0.00 | 30.23 2.10 0.00 | 29.32 1.99 0.00 | 30.44 2.05 0.00 | 32.18 2.09 0.00 | 36.98 2.37 0.00 | 39.49 2.49 0.00 | 44.31 2.82 0.00 | 78.83 5.22 0.00 | 48.21 3.26 0.00 | 38.67 2.65 0.00 | 35.35 2.35 0.00 | 34.38 2.25 0.00 | 37.24 2.10 0.00 | 35.92 1.96 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 34.87 -2.29 0.00 | 27.63 -1.63 0.00 | 26.23 -1.66 0.00 | 27.09 -1.76 0.00 | 27.60 -2.14 0.00 | 32.00 -2.16 0.00 | 36.38 -2.01 0.00 | 56.57 -2.90 0.00 | 31.74 -1.77 0.00 | 27.57 -0.79 0.00 | 27.93 -0.19 0.00 | 27.46 0.13 0.00 | 28.76 0.37 0.00 | 30.49 0.40 0.00 | 35.06 0.45 0.00 | 37.12 0.13 0.00 | 41.95 0.46 0.00 | 74.48 0.87 0.00 | 45.45 0.51 0.00 | 36.17 0.14 0.00 | 33.18 0.18 0.00 | 32.13 0.00 0.00 | 35.51 0.36 0.00 | 34.13 0.17 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 34.49 -2.67 0.00 | 27.31 -1.95 0.00 | 25.93 -1.96 0.00 | 26.74 -2.11 0.00 | 27.26 -2.48 0.00 | 31.59 -2.57 0.00 | 35.89 -2.50 0.00 | 55.70 -3.76 0.00 | 31.24 -2.26 0.00 | 27.19 -1.17 0.00 | 27.41 -0.72 0.00 | 26.95 -0.37 0.00 | 28.26 -0.13 0.00 | 29.90 -0.19 0.00 | 34.44 -0.16 0.00 | 36.57 -0.43 0.00 | 41.25 -0.24 0.00 | 73.18 -0.43 0.00 | 44.63 -0.31 0.00 | 35.49 -0.54 0.00 | 32.55 -0.46 0.00 | 31.52 -0.62 0.00 | 34.95 -0.19 0.00 | 33.58 -0.38 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 35.03 -2.12 0.00 | 27.75 -1.51 0.00 | 26.35 -1.54 0.00 | 27.20 -1.64 0.00 | 27.72 -2.01 0.00 | 32.16 -2.00 0.00 | 36.58 -1.80 0.00 | 56.89 -2.57 0.00 | 31.90 -1.60 0.00 | 27.69 -0.67 0.00 | 28.02 -0.11 0.00 | 27.55 0.23 0.00 | 28.84 0.46 0.00 | 30.57 0.48 0.00 | 35.16 0.55 0.00 | 37.28 0.28 0.00 | 42.14 0.65 0.00 | 74.86 1.25 0.00 | 45.67 0.73 0.00 | 36.34 0.32 0.00 | 33.33 0.33 0.00 | 32.25 0.12 0.00 | 35.64 0.50 0.00 | 34.26 0.29 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 35.03 -2.12 0.00 | 27.75 -1.51 0.00 | 26.35 -1.54 0.00 | 27.20 -1.64 0.00 | 27.72 -2.01 0.00 | 32.16 -2.00 0.00 | 36.58 -1.80 0.00 | 56.89 -2.57 0.00 | 31.90 -1.60 0.00 | 27.69 -0.67 0.00 | 28.02 -0.11 0.00 | 27.55 0.23 0.00 | 28.84 0.46 0.00 | 30.57 0.48 0.00 | 35.16 0.55 0.00 | 37.28 0.28 0.00 | 42.14 0.65 0.00 | 74.86 1.25 0.00 | 45.67 0.73 0.00 | 36.34 0.32 0.00 | 33.33 0.33 0.00 | 32.25 0.12 0.00 | 35.64 0.50 0.00 | 34.26 0.29 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 35.03 -2.12 0.00 | 27.75 -1.51 0.00 | 26.35 -1.54 0.00 | 27.21 -1.64 0.00 | 27.72 -2.01 0.00 | 32.16 -2.00 0.00 | 36.58 -1.80 0.00 | 56.89 -2.57 0.00 | 31.90 -1.60 0.00 | 27.69 -0.67 0.00 | 28.02 -0.11 0.00 | 27.55 0.23 0.00 | 28.84 0.46 0.00 | 30.57 0.47 0.00 | 35.16 0.55 0.00 | 37.28 0.28 0.00 | 42.15 0.66 0.00 | 74.86 1.25 0.00 | 45.67 0.73 0.00 | 36.35 0.32 0.00 | 33.33 0.33 0.00 | 32.26 0.12 0.00 | 35.64 0.50 0.00 | 34.26 0.29 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 36.56 -0.60 0.00 | 28.45 -0.82 0.00 | 27.28 -0.61 0.00 | 28.32 -0.53 0.00 | 29.19 -0.55 0.00 | 33.35 -0.82 0.00 | 36.62 -1.77 0.00 | 56.82 -2.65 0.00 | 32.33 -1.17 0.00 | 27.42 -0.94 0.00 | 27.18 -0.95 0.00 | 26.41 -0.91 0.00 | 27.64 -0.75 0.00 | 28.91 -1.18 0.00 | 33.23 -1.37 0.00 | 35.04 -1.96 0.00 | 39.25 -2.24 0.00 | 68.97 -4.64 0.00 | 41.80 -3.14 0.00 | 33.26 -2.76 0.00 | 30.55 -2.45 0.00 | 29.71 -2.43 0.00 | 33.08 -2.07 0.00 | 32.49 -1.47 0.00 |
| NEG WEST___LANCASTER 23811 | 38.06 0.90 0.00 | 29.55 0.29 0.00 | 28.34 0.45 0.00 | 29.43 0.58 0.00 | 30.35 0.62 0.00 | 34.65 0.48 0.00 | 38.26 -0.13 0.00 | 59.21 -0.25 0.00 | 33.59 0.09 0.00 | 28.57 0.21 0.00 | 28.35 0.22 0.00 | 27.59 0.27 0.00 | 28.91 0.52 0.00 | 30.19 0.10 0.00 | 34.64 0.03 0.00 | 36.42 -0.58 0.00 | 40.81 -0.68 0.00 | 71.86 -1.75 0.00 | 43.58 -1.37 0.00 | 34.68 -1.35 0.00 | 31.83 -1.17 0.00 | 30.96 -1.18 0.00 | 34.32 -0.83 0.00 | 33.61 -0.36 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 37.75 0.59 0.00 | 29.52 0.26 0.00 | 28.20 0.31 0.00 | 29.20 0.35 0.00 | 30.17 0.44 0.00 | 34.77 0.60 0.00 | 39.04 0.65 0.00 | 60.47 1.00 0.00 | 34.12 0.62 0.00 | 28.78 0.42 0.00 | 28.56 0.43 0.00 | 27.72 0.39 0.00 | 28.86 0.47 0.00 | 30.39 0.30 0.00 | 35.02 0.42 0.00 | 37.30 0.30 0.00 | 42.02 0.37 -0.16 | 74.35 0.75 0.00 | 45.33 0.39 0.00 | 36.25 0.22 0.00 | 33.20 0.20 0.00 | 32.24 0.11 0.00 | 35.21 0.06 0.00 | 34.12 0.15 0.00 |
| NEG___GEN_MONROE 24207 | 37.15 -0.01 0.00 | 29.04 -0.22 0.00 | 27.75 -0.15 0.00 | 28.80 -0.04 0.00 | 29.70 -0.04 0.00 | 34.06 -0.10 0.00 | 37.87 -0.52 0.00 | 58.63 -0.84 0.00 | 33.13 -0.37 0.00 | 28.00 -0.36 0.00 | 27.69 -0.44 0.00 | 26.91 -0.42 0.00 | 28.07 -0.31 0.00 | 29.48 -0.61 0.00 | 33.96 -0.65 0.00 | 36.10 -0.90 0.00 | 40.54 -0.95 0.00 | 71.73 -1.88 0.00 | 43.59 -1.36 0.00 | 34.74 -1.28 0.00 | 31.81 -1.19 0.00 | 30.91 -1.23 0.00 | 34.14 -1.01 0.00 | 33.26 -0.70 0.00 |

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| NEPA__ENERGY 23901 | 37.62 0.46 0.00 | 29.24 -0.03 0.00 | 28.04 0.15 0.00 | 29.11 0.26 0.00 | 30.03 0.30 0.00 | 34.37 0.21 0.00 | 37.86 -0.53 0.00 | 58.48 -0.98 0.00 | 33.14 -0.36 0.00 | 28.11 -0.25 0.00 | 27.91 -0.22 0.00 | 27.12 -0.20 0.00 | 28.37 -0.01 0.00 | 29.71 -0.38 0.00 | 34.14 -0.47 0.00 | 35.95 -1.04 0.00 | 40.21 -1.28 0.00 | 70.50 -3.11 0.00 | 42.63 -2.31 0.00 | 33.84 -2.19 0.00 | 31.13 -1.87 0.00 | 30.20 -1.93 0.00 | 33.58 -1.56 0.00 | 32.89 -1.07 0.00 |
| NEVERSink__HYD 23608 | 38.79 1.63 0.00 | 30.50 1.24 0.00 | 28.97 1.08 0.00 | 29.93 1.08 0.00 | 30.95 1.22 0.00 | 35.79 1.62 0.00 | 40.44 2.05 0.00 | 62.79 3.33 0.00 | 35.36 1.86 0.00 | 29.86 1.50 0.00 | 29.54 1.41 0.00 | 28.63 1.31 0.00 | 29.78 1.39 0.00 | 31.76 1.67 0.00 | 36.52 1.91 0.00 | 39.05 2.05 0.00 | 43.92 2.43 0.00 | 78.23 4.63 0.00 | 47.80 2.85 0.00 | 38.32 2.30 0.00 | 35.03 2.03 0.00 | 34.06 1.93 0.00 | 36.92 1.78 0.00 | 35.61 1.65 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 37.66 0.50 0.00 | 29.73 0.47 0.00 | 28.33 0.44 0.00 | 29.29 0.44 0.00 | 30.20 0.46 0.00 | 34.80 0.64 0.00 | 39.26 0.87 0.00 | 60.80 1.34 0.00 | 34.25 0.74 0.00 | 28.88 0.51 0.00 | 28.65 0.53 0.00 | 27.84 0.52 0.00 | 28.87 0.48 0.00 | 30.60 0.51 0.00 | 35.19 0.59 0.00 | 37.68 0.69 0.00 | 42.16 0.68 0.00 | 74.72 1.11 0.00 | 45.67 0.73 0.00 | 36.69 0.66 0.00 | 33.65 0.65 0.00 | 32.83 0.70 0.00 | 35.71 0.57 0.00 | 34.46 0.50 0.00 |
| NEWTON__FALLS_HYD 23847 | 36.16 -1.00 0.00 | 28.51 -0.75 0.00 | 27.07 -0.83 0.00 | 27.94 -0.91 0.00 | 28.67 -1.07 0.00 | 33.15 -1.02 0.00 | 37.72 -0.67 0.00 | 58.42 -1.04 0.00 | 32.72 -0.78 0.00 | 27.93 -0.43 0.00 | 27.74 -0.39 0.00 | 27.07 -0.26 0.00 | 28.27 -0.12 0.00 | 29.86 -0.23 0.00 | 34.45 -0.15 0.00 | 37.01 0.01 0.00 | 41.99 0.50 0.00 | 74.76 1.15 0.00 | 45.61 0.67 0.00 | 36.31 0.29 0.00 | 33.17 0.17 0.00 | 31.97 -0.17 0.00 | 35.15 0.01 0.00 | 33.81 -0.16 0.00 |
| NGRID_A1_DSASP 323792 | 36.19 -0.97 0.00 | 28.16 -1.11 0.00 | 27.00 -0.89 0.00 | 28.03 -0.82 0.00 | 28.87 -0.86 0.00 | 32.92 -1.24 0.00 | 36.13 -2.26 0.00 | 55.77 -3.70 0.00 | 31.73 -1.77 0.00 | 26.96 -1.41 0.00 | 26.75 -1.38 0.00 | 26.01 -1.31 0.00 | 27.23 -1.16 0.00 | 28.48 -1.62 0.00 | 32.68 -1.92 0.00 | 34.36 -2.64 0.00 | 37.99 -3.08 0.42 | 67.51 -6.09 0.00 | 40.95 -4.00 0.00 | 32.58 -3.45 0.00 | 29.95 -3.05 0.00 | 29.15 -2.99 0.00 | 32.54 -2.61 0.00 | 31.96 -2.00 0.00 |
| NGRID_A2_DSASP 323793 | 36.19 -0.97 0.00 | 28.16 -1.11 0.00 | 27.00 -0.89 0.00 | 28.03 -0.82 0.00 | 28.87 -0.86 0.00 | 32.92 -1.24 0.00 | 36.13 -2.26 0.00 | 55.77 -3.70 0.00 | 31.73 -1.77 0.00 | 26.96 -1.41 0.00 | 26.75 -1.38 0.00 | 26.01 -1.31 0.00 | 27.23 -1.16 0.00 | 28.48 -1.62 0.00 | 32.68 -1.92 0.00 | 34.36 -2.64 0.00 | 37.99 -3.08 0.42 | 67.51 -6.09 0.00 | 40.95 -4.00 0.00 | 32.58 -3.45 0.00 | 29.95 -3.05 0.00 | 29.15 -2.99 0.00 | 32.54 -2.61 0.00 | 31.96 -2.00 0.00 |
| NGRID_A4_DSASP 323807 | 36.19 -0.97 0.00 | 28.16 -1.11 0.00 | 27.00 -0.89 0.00 | 28.03 -0.82 0.00 | 28.87 -0.86 0.00 | 32.92 -1.24 0.00 | 36.13 -2.26 0.00 | 55.77 -3.70 0.00 | 31.73 -1.77 0.00 | 26.96 -1.41 0.00 | 26.75 -1.38 0.00 | 26.01 -1.31 0.00 | 27.23 -1.16 0.00 | 28.48 -1.62 0.00 | 32.68 -1.92 0.00 | 34.36 -2.64 0.00 | 37.99 -3.08 0.42 | 67.51 -6.09 0.00 | 40.95 -4.00 0.00 | 32.58 -3.45 0.00 | 29.95 -3.05 0.00 | 29.15 -2.99 0.00 | 32.54 -2.61 0.00 | 31.96 -2.00 0.00 |
| NIAGARA_115E_LBMP 323715 | 35.96 -1.20 0.00 | 27.98 -1.28 0.00 | 26.83 -1.07 0.00 | 27.85 -0.99 0.00 | 28.69 -1.05 0.00 | 32.71 -1.46 0.00 | 35.84 -2.55 0.00 | 55.24 -4.23 0.00 | 31.43 -2.07 0.00 | 26.70 -1.67 0.00 | 26.48 -1.65 0.00 | 25.74 -1.58 0.00 | 26.94 -1.44 0.00 | 28.18 -1.91 0.00 | 32.36 -2.24 0.00 | 34.05 -2.95 0.00 | 37.64 -3.43 0.41 | 66.85 -6.75 0.00 | 40.53 -4.41 0.00 | 32.28 -3.75 0.00 | 29.66 -3.34 0.00 | 28.88 -3.26 0.00 | 32.25 -2.89 0.00 | 31.82 -2.14 0.00 |
| NIAGARA_115W_LBMP 323714 | 36.13 -1.03 0.00 | 28.11 -1.15 0.00 | 26.97 -0.93 0.00 | 27.98 -0.87 0.00 | 28.83 -0.91 0.00 | 32.87 -1.30 0.00 | 36.06 -2.33 0.00 | 55.67 -3.80 0.00 | 31.68 -1.83 0.00 | 26.91 -1.45 0.00 | 26.70 -1.43 0.00 | 25.97 -1.35 0.00 | 27.18 -1.21 0.00 | 28.43 -1.66 0.00 | 32.62 -1.98 0.00 | 34.30 -2.70 0.00 | 37.91 -3.16 0.42 | 67.41 -6.20 0.00 | 40.87 -4.07 0.00 | 32.53 -3.49 0.00 | 29.90 -3.11 0.00 | 29.11 -3.03 0.00 | 32.49 -2.66 0.00 | 31.90 -2.06 0.00 |
| NIAGARA_230_LBMP 323716 | 36.20 -0.95 0.00 | 28.17 -1.09 0.00 | 27.01 -0.88 0.00 | 28.03 -0.81 0.00 | 28.88 -0.85 0.00 | 32.94 -1.22 0.00 | 36.19 -2.20 0.00 | 55.88 -3.58 0.00 | 31.77 -1.73 0.00 | 26.99 -1.37 0.00 | 26.78 -1.35 0.00 | 26.06 -1.27 0.00 | 27.26 -1.13 0.00 | 28.51 -1.58 0.00 | 32.73 -1.88 0.00 | 34.41 -2.58 0.00 | 38.06 -3.01 0.42 | 67.71 -5.90 0.00 | 41.06 -3.88 0.00 | 32.68 -3.34 0.00 | 30.03 -2.97 0.00 | 29.23 -2.90 0.00 | 32.58 -2.56 0.00 | 32.00 -1.96 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 36.13 -1.03 0.00 | 28.11 -1.15 0.00 | 26.97 -0.92 0.00 | 27.97 -0.87 0.00 | 28.83 -0.91 0.00 | 32.90 -1.27 0.00 | 36.07 -2.32 0.00 | 55.67 -3.79 0.00 | 31.68 -1.82 0.00 | 26.90 -1.46 0.00 | 26.70 -1.43 0.00 | 25.97 -1.35 0.00 | 27.18 -1.21 0.00 | 28.41 -1.68 0.00 | 32.62 -1.98 0.00 | 34.31 -2.69 0.00 | 38.37 -3.11 0.00 | 67.40 -6.21 0.00 | 40.87 -4.08 0.00 | 32.53 -3.49 0.00 | 29.90 -3.10 0.00 | 29.11 -3.02 0.00 | 32.49 -2.66 0.00 | 31.90 -2.06 0.00 |
| NIAGARA____ 23760 | 36.20 -0.95 0.00 | 28.17 -1.09 0.00 | 27.01 -0.88 0.00 | 28.03 -0.81 0.00 | 28.88 -0.85 0.00 | 32.94 -1.22 0.00 | 36.19 -2.20 0.00 | 55.88 -3.58 0.00 | 31.77 -1.73 0.00 | 26.99 -1.37 0.00 | 26.78 -1.35 0.00 | 26.06 -1.27 0.00 | 27.26 -1.13 0.00 | 28.51 -1.58 0.00 | 32.73 -1.88 0.00 | 34.41 -2.58 0.00 | 38.06 -3.01 0.42 | 67.71 -5.90 0.00 | 41.06 -3.88 0.00 | 32.68 -3.34 0.00 | 30.03 -2.97 0.00 | 29.23 -2.90 0.00 | 32.58 -2.56 0.00 | 32.00 -1.96 0.00 |
| NINE_MILE_1 23575 | 36.25 -0.91 0.00 | 28.50 -0.76 0.00 | 27.20 -0.70 0.00 | 28.14 -0.71 0.00 | 28.99 -0.74 0.00 | 33.18 -0.99 0.00 | 37.13 -1.26 0.00 | 57.53 -1.93 0.00 | 32.43 -1.07 0.00 | 27.49 -0.87 0.00 | 27.28 -0.85 0.00 | 26.50 -0.82 0.00 | 27.54 -0.85 0.00 | 29.07 -1.02 0.00 | 33.38 -1.23 0.00 | 35.68 -1.32 0.00 | 40.05 -1.44 0.00 | 71.04 -2.57 0.00 | 43.34 -1.61 0.00 | 34.71 -1.32 0.00 | 31.80 -1.20 0.00 | 30.97 -1.16 0.00 | 34.08 -1.06 0.00 | 32.99 -0.98 0.00 |
| NINE_MILE_2 23744 | 36.25 -0.91 0.00 | 28.51 -0.76 0.00 | 27.20 -0.69 0.00 | 28.14 -0.71 0.00 | 28.99 -0.74 0.00 | 33.18 -0.99 0.00 | 37.13 -1.26 0.00 | 57.53 -1.93 0.00 | 32.43 -1.07 0.00 | 27.49 -0.87 0.00 | 27.28 -0.85 0.00 | 26.50 -0.82 0.00 | 27.54 -0.85 0.00 | 29.07 -1.02 0.00 | 33.38 -1.23 0.00 | 35.68 -1.32 0.00 | 40.05 -1.44 0.00 | 71.04 -2.57 0.00 | 43.34 -1.61 0.00 | 34.71 -1.32 0.00 | 31.80 -1.20 0.00 | 30.97 -1.16 0.00 | 34.08 -1.06 0.00 | 32.99 -0.98 0.00 |
| NM_CAPITAL__DRP 24208 | 37.75 0.60 0.00 | 29.82 0.56 0.00 | 28.42 0.52 0.00 | 29.38 0.53 0.00 | 30.28 0.55 0.00 | 34.90 0.73 0.00 | 39.36 0.98 0.00 | 60.96 1.50 0.00 | 34.34 0.84 0.00 | 28.95 0.59 0.00 | 28.72 0.59 0.00 | 27.91 0.58 0.00 | 28.93 0.55 0.00 | 30.68 0.59 0.00 | 35.28 0.68 0.00 | 37.76 0.76 0.00 | 42.22 0.73 0.00 | 74.84 1.23 0.00 | 45.73 0.79 0.00 | 36.76 0.73 0.00 | 33.72 0.72 0.00 | 32.91 0.77 0.00 | 35.81 0.66 0.00 | 34.55 0.58 0.00 |

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| NM_CENTRAL___DRP 24181 | 37.03 -0.13 0.00 | 29.08 -0.18 0.00 | 27.75 -0.14 0.00 | 28.72 -0.13 0.00 | 29.62 -0.12 0.00 | 33.96 -0.20 0.00 | 38.06 -0.32 0.00 | 59.00 -0.46 0.00 | 33.23 -0.27 0.00 | 28.12 -0.24 0.00 | 27.89 -0.24 0.00 | 27.07 -0.26 0.00 | 28.13 -0.26 0.00 | 29.68 -0.41 0.00 | 34.13 -0.47 0.00 | 36.52 -0.48 0.00 | 41.00 -0.49 0.00 | 72.74 -0.87 0.00 | 44.36 -0.58 0.00 | 35.49 -0.53 0.00 | 32.51 -0.49 0.00 | 31.64 -0.50 0.00 | 34.73 -0.41 0.00 | 33.63 -0.34 0.00 |
| NM_FRONTIER___DRP 24179 | 36.13 -1.03 0.00 | 28.11 -1.15 0.00 | 26.97 -0.92 0.00 | 27.97 -0.87 0.00 | 28.83 -0.91 0.00 | 32.90 -1.27 0.00 | 36.07 -2.32 0.00 | 55.67 -3.79 0.00 | 31.68 -1.82 0.00 | 26.90 -1.46 0.00 | 26.70 -1.43 0.00 | 25.97 -1.35 0.00 | 27.18 -1.21 0.00 | 28.41 -1.68 0.00 | 32.62 -1.98 0.00 | 34.31 -2.69 0.00 | 38.37 -3.11 0.00 | 67.40 -6.21 0.00 | 40.87 -4.08 0.00 | 32.53 -3.49 0.00 | 29.90 -3.10 0.00 | 29.11 -3.02 0.00 | 32.49 -2.66 0.00 | 31.90 -2.06 0.00 |
| NM_ST_REGIS___HYD 24053 | 35.41 -1.75 0.00 | 27.95 -1.32 0.00 | 26.49 -1.41 0.00 | 27.32 -1.52 0.00 | 27.90 -1.83 0.00 | 32.34 -1.83 0.00 | 36.79 -1.60 0.00 | 56.92 -2.55 0.00 | 32.30 -1.20 0.00 | 28.26 -0.11 0.00 | 28.18 0.05 0.00 | 27.62 0.30 0.00 | 28.91 0.52 0.00 | 30.50 0.41 0.00 | 35.21 0.60 0.00 | 37.49 0.49 0.00 | 42.46 0.98 0.00 | 75.59 1.99 0.00 | 46.10 1.16 0.00 | 36.63 0.60 0.00 | 33.50 0.50 0.00 | 32.35 0.21 0.00 | 35.78 0.64 0.00 | 34.41 0.45 0.00 |
| NORTHPORT___1 23551 | 39.54 2.38 0.00 | 31.22 1.95 0.00 | 29.50 1.61 0.00 | 30.53 1.68 0.00 | 31.49 1.76 0.00 | 36.38 2.22 0.00 | 41.16 2.77 0.00 | 63.75 4.28 0.00 | 35.93 2.43 0.00 | 30.32 1.95 0.00 | 30.40 2.27 0.00 | 29.50 2.17 0.00 | 30.67 2.28 0.00 | 32.45 2.36 0.00 | 37.13 2.53 0.00 | 39.76 2.75 0.00 | 49.77 2.95 -5.34 | 86.67 5.26 -7.80 | 52.81 3.23 -4.64 | 58.57 2.67 -19.87 | 45.40 2.52 -9.88 | 36.33 2.47 -1.73 | 37.43 2.29 0.00 | 36.25 2.28 0.00 |
| NORTHPORT___2 23552 | 39.54 2.38 0.00 | 31.22 1.95 0.00 | 29.50 1.61 0.00 | 30.53 1.68 0.00 | 31.49 1.76 0.00 | 36.38 2.22 0.00 | 41.16 2.77 0.00 | 63.75 4.28 0.00 | 35.93 2.43 0.00 | 30.32 1.95 0.00 | 30.40 2.27 0.00 | 29.50 2.17 0.00 | 30.67 2.28 0.00 | 32.45 2.36 0.00 | 37.13 2.53 0.00 | 39.76 2.75 0.00 | 49.77 2.95 -5.34 | 86.67 5.26 -7.80 | 52.81 3.23 -4.64 | 58.57 2.67 -19.87 | 45.40 2.52 -9.88 | 36.33 2.47 -1.73 | 37.43 2.29 0.00 | 36.25 2.28 0.00 |
| NORTHPORT___3 23553 | 39.11 1.95 0.00 | 30.88 1.62 0.00 | 29.21 1.32 0.00 | 30.19 1.34 0.00 | 31.15 1.42 0.00 | 36.02 1.85 0.00 | 40.76 2.37 0.00 | 63.21 3.75 0.00 | 35.63 2.12 0.00 | 30.06 1.69 0.00 | 30.12 1.99 0.00 | 29.16 1.83 0.00 | 30.33 1.94 0.00 | 32.09 2.00 0.00 | 36.74 2.14 0.00 | 39.33 2.33 0.00 | 49.46 2.58 -5.39 | 86.07 4.66 -7.80 | 52.46 2.83 -4.69 | 58.44 2.34 -20.07 | 45.03 2.18 -9.85 | 36.02 2.14 -1.75 | 37.08 1.94 0.00 | 35.85 1.88 0.00 |
| NORTHPORT___4 23650 | 39.11 1.95 0.00 | 30.88 1.62 0.00 | 29.21 1.32 0.00 | 30.19 1.34 0.00 | 31.15 1.42 0.00 | 36.02 1.85 0.00 | 40.76 2.37 0.00 | 63.21 3.75 0.00 | 35.63 2.12 0.00 | 30.06 1.69 0.00 | 30.12 1.99 0.00 | 29.16 1.83 0.00 | 30.33 1.94 0.00 | 32.09 2.00 0.00 | 36.74 2.14 0.00 | 39.33 2.33 0.00 | 49.46 2.58 -5.39 | 86.07 4.66 -7.80 | 52.46 2.83 -4.69 | 58.44 2.34 -20.07 | 45.03 2.18 -9.85 | 36.02 2.14 -1.75 | 37.08 1.94 0.00 | 35.85 1.88 0.00 |
| NORTHPORT___IC 23718 | 39.54 2.38 0.00 | 31.22 1.95 0.00 | 29.51 1.61 0.00 | 30.53 1.69 0.00 | 31.49 1.76 0.00 | 36.38 2.21 0.00 | 41.16 2.77 0.00 | 63.74 4.28 0.00 | 35.93 2.43 0.00 | 30.32 1.95 0.00 | 30.40 2.27 0.00 | 29.50 2.17 0.00 | 30.67 2.28 0.00 | 32.45 2.36 0.00 | 37.14 2.53 0.00 | 39.75 2.75 0.00 | 49.76 2.94 -5.34 | 86.67 5.26 -7.80 | 52.82 3.24 -4.64 | 58.57 2.67 -19.87 | 45.39 2.52 -9.88 | 36.34 2.47 -1.73 | 37.43 2.29 0.00 | 36.25 2.28 0.00 |
| NORTH___COUNTRY_ESR 323785 | 34.35 -2.81 0.00 | 27.21 -2.05 0.00 | 25.84 -2.05 0.00 | 26.64 -2.20 0.00 | 27.16 -2.57 0.00 | 31.49 -2.68 0.00 | 35.76 -2.63 0.00 | 55.45 -4.01 0.00 | 31.12 -2.38 0.00 | 27.13 -1.23 0.00 | 27.39 -0.74 0.00 | 26.93 -0.39 0.00 | 28.24 -0.15 0.00 | 29.88 -0.21 0.00 | 34.41 -0.19 0.00 | 36.48 -0.52 0.00 | 41.13 -0.36 0.00 | 72.94 -0.67 0.00 | 44.48 -0.46 0.00 | 35.38 -0.64 0.00 | 32.44 -0.56 0.00 | 31.42 -0.71 0.00 | 34.85 -0.29 0.00 | 33.51 -0.46 0.00 |
| NPX_GEN_1385_PROXY 323591 | 39.54 2.38 0.00 | 31.22 1.95 0.00 | 29.50 1.61 0.00 | 30.53 1.68 0.00 | 31.49 1.76 0.00 | 36.40 2.24 0.00 | 41.96 3.57 0.00 | 65.47 6.00 0.00 | 36.50 3.00 0.00 | 30.47 2.11 0.00 | 30.40 2.27 0.00 | 29.49 2.16 0.00 | 30.46 2.07 0.00 | 32.51 2.42 0.00 | 37.17 2.57 0.00 | 39.79 2.78 0.00 | 49.66 2.84 -5.34 | 86.57 5.16 -7.80 | 52.90 3.32 -4.64 | 58.64 2.74 -19.87 | 45.56 2.68 -9.88 | 36.30 2.43 -1.73 | 36.92 1.77 0.00 | 36.00 2.04 0.00 |
| NPX_GEN_CSC 323557 | 39.26 2.10 0.00 | 31.32 2.06 0.00 | 29.44 1.55 0.00 | 30.49 1.64 0.00 | 31.33 1.60 0.00 | 36.27 2.11 0.00 | 40.76 2.38 0.00 | 62.84 3.38 0.00 | 35.36 1.86 0.00 | 29.60 1.23 0.00 | 30.17 2.04 0.00 | 29.27 1.94 0.00 | 30.65 2.27 0.00 | 32.17 2.08 0.00 | 36.37 1.76 0.00 | 39.46 2.46 0.00 | 50.13 3.22 -5.41 | 86.98 5.49 -7.89 | 52.67 3.01 -4.71 | 59.04 2.85 -20.17 | 45.70 2.72 -9.98 | 36.65 2.76 -1.76 | 38.11 2.97 0.00 | 36.78 2.81 0.00 |
| NSINS_S___GLNS_FALLS 23858 | 38.64 1.49 0.00 | 30.53 1.27 0.00 | 29.10 1.21 0.00 | 30.16 1.32 0.00 | 31.19 1.46 0.00 | 35.94 1.77 0.00 | 40.57 2.18 0.00 | 62.93 3.46 0.00 | 35.34 1.84 0.00 | 29.50 1.14 0.00 | 29.24 1.12 0.00 | 28.32 1.00 0.00 | 29.45 1.06 0.00 | 31.38 1.29 0.00 | 36.03 1.42 0.00 | 38.55 1.55 0.00 | 43.26 1.78 0.00 | 76.82 3.22 0.00 | 47.02 2.08 0.00 | 37.81 1.79 0.00 | 34.69 1.69 0.00 | 33.84 1.71 0.00 | 36.91 1.76 0.00 | 35.52 1.55 0.00 |
| NUCOR_STEEL___DRP 24197 | 37.46 0.30 0.00 | 29.48 0.22 0.00 | 28.17 0.28 0.00 | 29.19 0.34 0.00 | 30.11 0.37 0.00 | 34.43 0.26 0.00 | 38.59 0.20 0.00 | 60.05 0.59 0.00 | 33.82 0.32 0.00 | 28.57 0.21 0.00 | 28.14 0.01 0.00 | 27.39 0.06 0.00 | 28.49 0.10 0.00 | 30.08 -0.01 0.00 | 34.45 -0.16 0.00 | 36.90 -0.10 0.00 | 41.64 0.15 0.00 | 73.91 0.31 0.00 | 44.90 -0.04 0.00 | 36.03 0.01 0.00 | 32.87 -0.13 0.00 | 32.06 -0.08 0.00 | 35.20 0.05 0.00 | 33.95 -0.01 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 37.20 0.04 0.00 | 29.32 0.06 0.00 | 27.91 0.02 0.00 | 28.84 -0.01 0.00 | 29.69 -0.05 0.00 | 34.28 0.12 0.00 | 38.98 0.59 0.00 | 60.47 1.01 0.00 | 33.83 0.33 0.00 | 28.40 0.04 0.00 | 28.05 -0.08 0.00 | 27.26 -0.06 0.00 | 28.39 0.00 0.00 | 29.99 -0.10 0.00 | 34.59 -0.02 0.00 | 37.43 0.44 0.00 | 42.51 1.02 0.00 | 75.67 2.07 0.00 | 46.18 1.24 0.00 | 36.83 0.81 0.00 | 33.61 0.61 0.00 | 32.32 0.18 0.00 | 35.26 0.11 0.00 | 33.89 -0.07 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 37.16 0.00 0.00 | 29.26 0.00 0.00 | 27.89 0.00 0.00 | 28.84 0.00 0.00 | 29.73 0.00 0.00 | 34.16 0.00 0.00 | 38.39 0.00 0.00 | 59.46 0.00 0.00 | 33.50 0.00 0.00 | 28.36 0.00 0.00 | 28.13 0.00 0.00 | 27.32 0.00 0.00 | 28.39 0.00 0.00 | 30.09 0.00 0.00 | 34.60 0.00 0.00 | 37.00 0.00 0.00 | 41.49 0.00 0.00 | 73.61 0.00 0.00 | 44.94 0.00 0.00 | 36.03 0.00 0.00 | 33.00 0.00 0.00 | 32.14 0.00 0.00 | 35.14 0.00 0.00 | 33.96 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 39.80 2.64 0.00 | 31.43 2.17 0.00 | 29.70 1.81 0.00 | 30.73 1.88 0.00 | 31.70 1.96 0.00 | 36.67 2.51 0.00 | 41.51 3.12 0.00 | 64.29 4.82 0.00 | 36.22 2.72 0.00 | 30.51 2.15 0.00 | 30.60 2.47 0.00 | 29.67 2.35 0.00 | 30.87 2.49 0.00 | 32.64 2.55 0.00 | 37.36 2.76 0.00 | 40.07 3.07 0.00 | 50.40 3.41 -5.50 | 87.79 6.11 -8.07 | 53.56 3.83 -4.79 | 59.67 3.15 -20.50 | 46.16 2.93 -10.23 | 36.77 2.85 -1.79 | 37.86 2.71 0.00 | 36.58 2.62 0.00 |
| NYPA_GOWANUS____GT5 24156 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |
| NYPA_GOWANUS____GT6 24157 | 39.63 2.47 0.00 | 31.15 1.88 0.00 | 29.51 1.63 0.01 | 30.45 1.61 0.01 | 31.47 1.75 0.01 | 36.33 2.17 0.00 | 40.97 2.58 0.00 | 63.49 4.02 0.00 | 35.87 2.37 0.00 | 30.49 2.13 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.51 2.13 0.00 | 32.23 2.14 0.00 | 36.91 2.31 0.00 | 39.40 2.40 0.00 | 44.15 2.66 0.00 | 78.40 4.80 0.00 | 48.01 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.28 2.15 0.00 | 37.11 1.97 0.00 | 35.87 1.91 0.00 |
| NYPA_HARLEM_RVR_GT1 24160 | 39.27 2.12 0.00 | 30.92 1.66 0.00 | 29.24 1.35 0.00 | 30.11 1.28 0.01 | 31.16 1.43 0.00 | 36.07 1.91 0.00 | 40.70 2.31 0.00 | 63.19 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.10 2.01 0.00 | 36.66 2.06 0.00 | 39.17 2.17 0.00 | 43.84 2.36 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.98 -0.73 | -6.62 1.92 40.67 | 36.87 1.73 0.01 | 35.70 1.74 0.00 |
| NYPA_HARLEM_RVR_GT2 24161 | 39.27 2.12 0.00 | 30.92 1.66 0.00 | 29.24 1.35 0.00 | 30.11 1.28 0.01 | 31.16 1.43 0.00 | 36.07 1.91 0.00 | 40.70 2.31 0.00 | 63.19 3.73 0.00 | 35.76 2.26 0.00 | 30.39 2.03 0.00 | 30.15 2.02 0.00 | 29.27 1.94 0.00 | 30.37 1.99 0.00 | 32.10 2.01 0.00 | 36.66 2.06 0.00 | 39.17 2.17 0.00 | 43.84 2.36 0.00 | 78.34 4.31 -0.43 | 47.68 2.74 0.00 | 38.34 2.31 0.00 | 35.71 1.98 -0.73 | -6.62 1.92 40.67 | 36.87 1.73 0.01 | 35.70 1.74 0.00 |
| NYPA_KENT____GT 24152 | 39.61 2.45 0.00 | 31.13 1.87 0.00 | 29.51 1.62 0.00 | 30.45 1.60 0.00 | 31.47 1.73 0.00 | 36.33 2.16 0.00 | 40.95 2.56 0.00 | 63.50 4.03 0.00 | 35.89 2.39 0.00 | 30.52 2.16 0.00 | 30.31 2.18 0.00 | 29.42 2.10 0.00 | 30.55 2.16 0.00 | 32.27 2.18 0.00 | 36.95 2.35 0.00 | 39.43 2.43 0.00 | 44.16 2.67 0.00 | 78.43 4.82 0.00 | 48.00 3.06 0.00 | 38.54 2.51 0.00 | 35.20 2.20 0.00 | 34.29 2.15 0.00 | 37.14 2.00 0.00 | 35.91 1.94 0.00 |
| NYPA_POUCH1____GT 24155 | 39.78 2.62 0.00 | 31.26 2.00 0.00 | 29.64 1.75 0.00 | 30.60 1.76 0.00 | 31.60 1.87 0.00 | 36.42 2.26 0.00 | 41.04 2.65 0.00 | 63.36 3.90 0.00 | 35.78 2.28 0.00 | 30.40 2.03 0.00 | 30.16 2.03 0.00 | 29.29 1.96 0.00 | 30.41 2.02 0.00 | 32.12 2.03 0.00 | 36.79 2.19 0.00 | 39.29 2.29 0.00 | 44.02 2.53 0.00 | 78.18 4.57 0.00 | 47.88 2.94 0.00 | 38.44 2.42 0.00 | 35.12 2.12 0.00 | 34.20 2.07 0.00 | 37.01 1.87 0.00 | 35.84 1.87 0.00 |
| NYPA_VERNON____GT2 24162 | 39.55 2.39 0.00 | 31.10 1.84 0.00 | 29.47 1.58 0.00 | 30.41 1.56 0.00 | 31.42 1.69 0.00 | 36.29 2.13 0.00 | 40.90 2.52 0.00 | 63.49 4.02 0.00 | 35.89 2.39 0.00 | 30.53 2.17 0.00 | 30.33 2.19 0.00 | 29.45 2.12 0.00 | 30.57 2.18 0.00 | 32.30 2.20 0.00 | 36.96 2.36 0.00 | 39.43 2.43 0.00 | 44.14 2.65 0.00 | 78.41 4.81 0.00 | 47.98 3.03 0.00 | 38.52 2.49 0.00 | 35.19 2.19 0.00 | 34.28 2.15 0.00 | 37.15 2.01 0.00 | 35.91 1.95 0.00 |
| NYPA_VERNON____GT3 24163 | 39.55 2.39 0.00 | 31.10 1.84 0.00 | 29.47 1.58 0.00 | 30.41 1.56 0.00 | 31.42 1.69 0.00 | 36.29 2.13 0.00 | 40.90 2.52 0.00 | 63.49 4.02 0.00 | 35.89 2.39 0.00 | 30.53 2.17 0.00 | 30.33 2.19 0.00 | 29.45 2.12 0.00 | 30.57 2.18 0.00 | 32.30 2.20 0.00 | 36.96 2.36 0.00 | 39.43 2.43 0.00 | 44.14 2.65 0.00 | 78.41 4.81 0.00 | 47.98 3.03 0.00 | 38.52 2.49 0.00 | 35.19 2.19 0.00 | 34.28 2.15 0.00 | 37.15 2.01 0.00 | 35.91 1.95 0.00 |
| NYPA____ASTORIA_CC1 323568 | 39.50 2.34 0.00 | 31.05 1.79 0.00 | 29.43 1.54 0.00 | 30.37 1.52 0.00 | 31.39 1.65 0.00 | 36.25 2.08 0.00 | 40.83 2.44 0.00 | 63.36 3.90 0.00 | 35.82 2.32 0.00 | 30.49 2.12 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.52 2.13 0.00 | 32.24 2.15 0.00 | 36.89 2.28 0.00 | 39.34 2.34 0.00 | 44.04 2.55 0.00 | 78.24 4.63 0.00 | 47.87 2.93 0.00 | 38.45 2.42 0.00 | 35.13 2.13 0.00 | 34.23 2.09 0.00 | 37.11 1.96 0.00 | 35.87 1.91 0.00 |
| NYPA____ASTORIA_CC2 323569 | 39.50 2.34 0.00 | 31.05 1.79 0.00 | 29.43 1.54 0.00 | 30.37 1.52 0.00 | 31.39 1.65 0.00 | 36.25 2.08 0.00 | 40.83 2.44 0.00 | 63.36 3.90 0.00 | 35.82 2.32 0.00 | 30.49 2.12 0.00 | 30.27 2.14 0.00 | 29.39 2.07 0.00 | 30.52 2.13 0.00 | 32.24 2.15 0.00 | 36.89 2.28 0.00 | 39.34 2.34 0.00 | 44.04 2.55 0.00 | 78.24 4.63 0.00 | 47.87 2.93 0.00 | 38.45 2.42 0.00 | 35.13 2.13 0.00 | 34.23 2.09 0.00 | 37.11 1.96 0.00 | 35.87 1.91 0.00 |
| NYPA____HOLTSVILL 23794 | 39.46 2.30 0.00 | 31.23 1.97 0.00 | 29.49 1.59 0.00 | 30.51 1.66 0.00 | 31.45 1.71 0.00 | 36.37 2.21 0.00 | 41.11 2.72 0.00 | 63.61 4.15 0.00 | 35.83 2.33 0.00 | 30.16 1.80 0.00 | 30.32 2.19 0.00 | 29.40 2.08 0.00 | 30.62 2.24 0.00 | 32.34 2.25 0.00 | 36.95 2.34 0.00 | 39.70 2.70 0.00 | 50.03 3.14 -5.41 | 87.11 5.63 -7.87 | 53.03 3.39 -4.70 | 59.02 2.86 -20.13 | 45.63 2.67 -9.96 | 36.51 2.62 -1.75 | 37.70 2.55 0.00 | 36.41 2.45 0.00 |
| NYPA____HELLGATE_GT1 24158 | 39.31 2.15 0.00 | 30.95 1.69 0.00 | 29.28 1.39 0.00 | 30.16 1.32 0.01 | 31.20 1.47 0.00 | 36.12 1.95 0.00 | 40.74 2.36 0.00 | 63.24 3.78 0.00 | 35.78 2.28 0.00 | 30.39 2.03 0.00 | 30.16 2.02 0.00 | 29.28 1.95 0.00 | 30.39 2.00 0.00 | 32.11 2.02 0.00 | 36.69 2.08 0.00 | 39.20 2.20 0.00 | 43.89 2.41 0.00 | 77.99 4.38 0.00 | 47.74 2.80 0.00 | 38.36 2.33 0.00 | 35.01 2.01 0.00 | -6.57 1.96 40.67 | 36.92 1.78 0.01 | 35.73 1.77 0.00 |
| NYPA____HELLGATE_GT2 24159 | 39.31 2.15 0.00 | 30.95 1.69 0.00 | 29.28 1.39 0.00 | 30.16 1.32 0.01 | 31.20 1.47 0.00 | 36.12 1.95 0.00 | 40.74 2.36 0.00 | 63.24 3.78 0.00 | 35.78 2.28 0.00 | 30.39 2.03 0.00 | 30.16 2.02 0.00 | 29.28 1.95 0.00 | 30.39 2.00 0.00 | 32.11 2.02 0.00 | 36.69 2.08 0.00 | 39.20 2.20 0.00 | 43.89 2.41 0.00 | 77.99 4.38 0.00 | 47.74 2.80 0.00 | 38.36 2.33 0.00 | 35.01 2.01 0.00 | -6.57 1.96 40.67 | 36.92 1.78 0.01 | 35.73 1.77 0.00 |
| NYS_BARGE____HYD 23848 | 36.57 -0.59 0.00 | 28.46 -0.81 0.00 | 27.29 -0.61 0.00 | 28.32 -0.53 0.00 | 29.19 -0.54 0.00 | 33.32 -0.84 0.00 | 36.62 -1.77 0.00 | 56.86 -2.61 0.00 | 32.38 -1.13 0.00 | 27.46 -0.90 0.00 | 27.21 -0.92 0.00 | 26.44 -0.89 0.00 | 27.65 -0.73 0.00 | 28.95 -1.14 0.00 | 33.28 -1.32 0.00 | 35.09 -1.91 0.00 | 38.91 -2.21 0.37 | 69.11 -4.50 0.00 | 41.89 -3.05 0.00 | 33.33 -2.69 0.00 | 30.61 -2.39 0.00 | 29.76 -2.37 0.00 | 33.14 -2.01 0.00 | 32.56 -1.40 0.00 |

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| OAK ORCHARD___HYD 24046 | 36.83 -0.33 0.00 | 28.77 -0.49 0.00 | 27.53 -0.37 0.00 | 28.52 -0.32 0.00 | 29.42 -0.31 0.00 | 33.69 -0.47 0.00 | 37.49 -0.90 0.00 | 58.12 -1.34 0.00 | 32.86 -0.64 0.00 | 27.83 -0.53 0.00 | 27.56 -0.57 0.00 | 26.79 -0.54 0.00 | 27.94 -0.45 0.00 | 29.35 -0.74 0.00 | 33.76 -0.85 0.00 | 35.84 -1.16 0.00 | 40.00 -1.28 0.21 | 71.15 -2.46 0.00 | 43.26 -1.69 0.00 | 34.50 -1.53 0.00 | 31.59 -1.41 0.00 | 30.71 -1.42 0.00 | 33.93 -1.21 0.00 | 33.04 -0.93 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 37.67 0.51 0.00 | 29.49 0.23 0.00 | 28.16 0.27 0.00 | 29.15 0.30 0.00 | 30.11 0.37 0.00 | 34.69 0.52 0.00 | 38.94 0.55 0.00 | 60.33 0.86 0.00 | 34.04 0.53 0.00 | 28.73 0.37 0.00 | 28.51 0.38 0.00 | 27.68 0.35 0.00 | 28.81 0.43 0.00 | 30.33 0.24 0.00 | 34.95 0.34 0.00 | 37.21 0.21 0.00 | 41.77 0.29 0.00 | 74.18 0.57 0.00 | 45.23 0.29 0.00 | 36.17 0.15 0.00 | 33.13 0.13 0.00 | 32.19 0.05 0.00 | 35.16 0.01 0.00 | 34.07 0.10 0.00 |
| OCC_CHEM___DRP 24175 | 36.19 -0.97 0.00 | 28.15 -1.11 0.00 | 27.00 -0.89 0.00 | 28.03 -0.82 0.00 | 28.87 -0.86 0.00 | 32.94 -1.22 0.00 | 36.13 -2.26 0.00 | 55.77 -3.69 0.00 | 31.73 -1.77 0.00 | 26.95 -1.41 0.00 | 26.75 -1.38 0.00 | 26.02 -1.31 0.00 | 27.23 -1.16 0.00 | 28.46 -1.63 0.00 | 32.68 -1.93 0.00 | 34.37 -2.63 0.00 | 38.44 -3.05 0.00 | 67.54 -6.07 0.00 | 40.94 -4.00 0.00 | 32.58 -3.45 0.00 | 29.96 -3.04 0.00 | 29.15 -2.98 0.00 | 32.53 -2.61 0.00 | 31.96 -2.00 0.00 |
| OH_GEN_PROXY 24063 | 36.24 -0.92 0.00 | 28.19 -1.07 0.00 | 27.03 -0.86 0.00 | 28.05 -0.79 0.00 | 28.91 -0.83 0.00 | 32.98 -1.18 0.00 | 36.30 -2.09 0.00 | 56.08 -3.38 0.00 | 31.86 -1.64 0.00 | 27.06 -1.30 0.00 | 26.86 -1.27 0.00 | 26.14 -1.19 0.00 | 27.35 -1.04 0.00 | 28.61 -1.48 0.00 | 32.83 -1.77 0.00 | 34.52 -2.48 0.00 | 38.13 -2.90 0.46 | 67.97 -5.64 0.00 | 41.22 -3.72 0.00 | 32.80 -3.22 0.00 | 30.14 -2.86 0.00 | 29.32 -2.81 0.00 | 32.67 -2.48 0.00 | 32.04 -1.92 0.00 |
| OLIN_CORP_DRP 24177 | 36.02 -1.14 0.00 | 28.02 -1.24 0.00 | 26.87 -1.02 0.00 | 27.89 -0.95 0.00 | 28.75 -0.99 0.00 | 32.79 -1.37 0.00 | 35.93 -2.46 0.00 | 55.38 -4.09 0.00 | 31.52 -1.98 0.00 | 26.75 -1.61 0.00 | 26.54 -1.59 0.00 | 25.80 -1.52 0.00 | 27.01 -1.38 0.00 | 28.24 -1.85 0.00 | 32.44 -2.17 0.00 | 34.14 -2.86 0.00 | 38.20 -3.29 0.00 | 67.05 -6.56 0.00 | 40.65 -4.29 0.00 | 32.37 -3.66 0.00 | 29.75 -3.25 0.00 | 28.95 -3.18 0.00 | 32.32 -2.82 0.00 | 31.87 -2.10 0.00 |
| OLIN_CORP_DSASP 323712 | 36.19 -0.97 0.00 | 28.16 -1.11 0.00 | 27.00 -0.89 0.00 | 28.03 -0.82 0.00 | 28.87 -0.86 0.00 | 32.92 -1.24 0.00 | 36.13 -2.26 0.00 | 55.77 -3.70 0.00 | 31.73 -1.77 0.00 | 26.96 -1.41 0.00 | 26.75 -1.38 0.00 | 26.01 -1.31 0.00 | 27.23 -1.16 0.00 | 28.48 -1.62 0.00 | 32.68 -1.92 0.00 | 34.36 -2.64 0.00 | 37.99 -3.08 0.42 | 67.51 -6.09 0.00 | 40.95 -4.00 0.00 | 32.58 -3.45 0.00 | 29.95 -3.05 0.00 | 29.15 -2.99 0.00 | 32.54 -2.61 0.00 | 31.96 -2.00 0.00 |
| ONEIDA_HERK_LFGE 323681 | 37.66 0.50 0.00 | 29.66 0.39 0.00 | 28.29 0.39 0.00 | 29.25 0.40 0.00 | 30.15 0.41 0.00 | 34.77 0.61 0.00 | 39.34 0.96 0.00 | 61.00 1.54 0.00 | 34.22 0.72 0.00 | 28.80 0.44 0.00 | 28.51 0.38 0.00 | 27.67 0.35 0.00 | 28.76 0.37 0.00 | 30.41 0.32 0.00 | 35.06 0.46 0.00 | 37.79 0.80 0.00 | 42.67 1.18 0.00 | 75.83 2.22 0.00 | 46.27 1.33 0.00 | 36.97 0.94 0.00 | 33.81 0.81 0.00 | 32.71 0.58 0.00 | 35.71 0.57 0.00 | 34.40 0.44 0.00 |
| ONEIDA___115KV_TB4 55905 | 38.00 0.84 0.00 | 29.90 0.64 0.00 | 28.58 0.69 0.00 | 29.58 0.74 0.00 | 30.54 0.80 0.00 | 35.21 1.05 0.00 | 39.72 1.33 0.00 | 61.58 2.12 0.00 | 34.56 1.05 0.00 | 29.07 0.70 0.00 | 28.77 0.64 0.00 | 27.88 0.55 0.00 | 28.96 0.57 0.00 | 30.61 0.52 0.00 | 35.29 0.69 0.00 | 38.07 1.07 0.00 | 42.88 1.39 0.00 | 75.99 2.38 0.00 | 46.35 1.41 0.00 | 37.05 1.02 0.00 | 33.90 0.90 0.00 | 32.88 0.74 0.00 | 35.90 0.76 0.00 | 34.67 0.71 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 37.28 0.12 0.00 | 29.26 0.00 0.00 | 27.93 0.04 0.00 | 28.90 0.05 0.00 | 29.81 0.07 0.00 | 34.20 0.04 0.00 | 38.37 -0.02 0.00 | 59.48 0.02 0.00 | 33.49 -0.01 0.00 | 28.30 -0.07 0.00 | 28.06 -0.07 0.00 | 27.23 -0.10 0.00 | 28.30 -0.09 0.00 | 29.87 -0.22 0.00 | 34.35 -0.25 0.00 | 36.78 -0.22 0.00 | 41.33 -0.16 0.00 | 73.34 -0.27 0.00 | 44.74 -0.20 0.00 | 35.80 -0.22 0.00 | 32.79 -0.21 0.00 | 31.88 -0.25 0.00 | 34.97 -0.18 0.00 | 33.86 -0.11 0.00 |
| ONONDAGA___COGEN 23986 | 37.22 0.06 0.00 | 29.23 -0.03 0.00 | 27.91 0.02 0.00 | 28.88 0.04 0.00 | 29.77 0.04 0.00 | 34.14 -0.03 0.00 | 38.27 -0.12 0.00 | 59.33 -0.13 0.00 | 33.42 -0.08 0.00 | 28.25 -0.11 0.00 | 28.01 -0.12 0.00 | 27.19 -0.13 0.00 | 28.26 -0.13 0.00 | 29.82 -0.27 0.00 | 34.29 -0.32 0.00 | 36.71 -0.28 0.00 | 41.26 -0.23 0.00 | 73.21 -0.40 0.00 | 44.64 -0.31 0.00 | 35.74 -0.29 0.00 | 32.72 -0.28 0.00 | 31.85 -0.29 0.00 | 34.95 -0.19 0.00 | 33.82 -0.15 0.00 |
| ONTARIO___LFGE 23819 | 37.66 0.50 0.00 | 29.39 0.12 0.00 | 28.14 0.24 0.00 | 29.16 0.31 0.00 | 30.13 0.40 0.00 | 34.72 0.55 0.00 | 38.87 0.48 0.00 | 60.29 0.83 0.00 | 34.04 0.53 0.00 | 28.54 0.18 0.00 | 28.21 0.08 0.00 | 27.34 0.01 0.00 | 28.47 0.08 0.00 | 30.00 -0.09 0.00 | 34.61 0.00 0.00 | 37.01 0.01 0.00 | 41.51 0.02 0.00 | 73.77 0.16 0.00 | 44.94 0.00 0.00 | 35.94 -0.09 0.00 | 32.79 -0.21 0.00 | 31.79 -0.34 0.00 | 34.79 -0.35 0.00 | 33.82 -0.14 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 37.15 -0.01 0.00 | 28.88 -0.38 0.00 | 27.72 -0.18 0.00 | 28.77 -0.07 0.00 | 29.71 -0.02 0.00 | 34.08 -0.08 0.00 | 37.71 -0.68 0.00 | 58.29 -1.18 0.00 | 32.99 -0.51 0.00 | 27.84 -0.52 0.00 | 27.60 -0.52 0.00 | 26.77 -0.55 0.00 | 28.00 -0.39 0.00 | 29.32 -0.77 0.00 | 33.77 -0.84 0.00 | 35.69 -1.31 0.00 | 39.76 -1.54 0.19 | 70.28 -3.33 0.00 | 42.59 -2.35 0.00 | 33.88 -2.15 0.00 | 31.02 -1.98 0.00 | 30.06 -2.07 0.00 | 33.24 -1.91 0.00 | 32.54 -1.42 0.00 |
| ORANGEVILLE___ESR 323794 | 37.15 -0.01 0.00 | 28.88 -0.38 0.00 | 27.72 -0.18 0.00 | 28.77 -0.07 0.00 | 29.71 -0.02 0.00 | 34.08 -0.08 0.00 | 37.71 -0.68 0.00 | 58.29 -1.18 0.00 | 32.99 -0.51 0.00 | 27.84 -0.52 0.00 | 27.60 -0.52 0.00 | 26.77 -0.55 0.00 | 28.00 -0.39 0.00 | 29.32 -0.77 0.00 | 33.77 -0.84 0.00 | 35.69 -1.31 0.00 | 39.76 -1.54 0.19 | 70.28 -3.33 0.00 | 42.59 -2.35 0.00 | 33.88 -2.15 0.00 | 31.02 -1.98 0.00 | 30.06 -2.07 0.00 | 33.24 -1.91 0.00 | 32.54 -1.42 0.00 |
| OSWEGATCHIE___HYD 24044 | 36.16 -1.00 0.00 | 28.51 -0.75 0.00 | 27.07 -0.83 0.00 | 27.94 -0.91 0.00 | 28.67 -1.07 0.00 | 33.15 -1.02 0.00 | 37.72 -0.67 0.00 | 58.42 -1.05 0.00 | 32.72 -0.78 0.00 | 27.93 -0.42 0.00 | 27.74 -0.39 0.00 | 27.07 -0.26 0.00 | 28.27 -0.12 0.00 | 29.86 -0.23 0.00 | 34.45 -0.15 0.00 | 37.01 0.01 0.00 | 41.99 0.50 0.00 | 74.76 1.15 0.00 | 45.61 0.67 0.00 | 36.31 0.29 0.00 | 33.17 0.17 0.00 | 31.97 -0.17 0.00 | 35.15 0.01 0.00 | 33.81 -0.16 0.00 |
| OSWEGO___5 23606 | 36.58 -0.58 0.00 | 28.75 -0.51 0.00 | 27.44 -0.45 0.00 | 28.38 -0.47 0.00 | 29.25 -0.48 0.00 | 33.51 -0.65 0.00 | 37.54 -0.85 0.00 | 58.15 -1.32 0.00 | 32.77 -0.73 0.00 | 27.77 -0.59 0.00 | 27.54 -0.59 0.00 | 26.75 -0.58 0.00 | 27.80 -0.59 0.00 | 29.34 -0.75 0.00 | 33.71 -0.90 0.00 | 36.04 -0.96 0.00 | 40.47 -1.02 0.00 | 71.79 -1.82 0.00 | 43.79 -1.15 0.00 | 35.06 -0.96 0.00 | 32.12 -0.88 0.00 | 31.27 -0.86 0.00 | 34.37 -0.78 0.00 | 33.26 -0.71 0.00 |

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| OSWEGO___6 23613 | 36.58 -0.58 0.00 | 28.75 -0.51 0.00 | 27.44 -0.45 0.00 | 28.38 -0.47 0.00 | 29.25 -0.48 0.00 | 33.51 -0.65 0.00 | 37.54 -0.85 0.00 | 58.15 -1.32 0.00 | 32.77 -0.73 0.00 | 27.77 -0.59 0.00 | 27.54 -0.59 0.00 | 26.75 -0.58 0.00 | 27.80 -0.59 0.00 | 29.34 -0.75 0.00 | 33.71 -0.90 0.00 | 36.04 -0.96 0.00 | 40.47 -1.02 0.00 | 71.79 -1.82 0.00 | 43.79 -1.15 0.00 | 35.06 -0.96 0.00 | 32.12 -0.88 0.00 | 31.27 -0.86 0.00 | 34.37 -0.78 0.00 | 33.26 -0.71 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 36.98 -0.18 0.00 | 28.76 -0.50 0.00 | 27.59 -0.30 0.00 | 28.64 -0.21 0.00 | 29.52 -0.22 0.00 | 33.76 -0.40 0.00 | 37.09 -1.30 0.00 | 57.42 -2.04 0.00 | 32.66 -0.84 0.00 | 27.72 -0.64 0.00 | 27.49 -0.64 0.00 | 26.71 -0.61 0.00 | 27.95 -0.44 0.00 | 29.25 -0.84 0.00 | 33.61 -1.00 0.00 | 35.39 -1.61 0.00 | 39.63 -1.86 0.00 | 69.69 -3.92 0.00 | 42.23 -2.71 0.00 | 33.58 -2.45 0.00 | 30.85 -2.15 0.00 | 29.99 -2.15 0.00 | 33.38 -1.77 0.00 | 32.75 -1.22 0.00 |
| OXBOW___BTM 323836 | 36.66 -0.50 0.00 | 28.51 -0.75 0.00 | 27.35 -0.54 0.00 | 28.38 -0.47 0.00 | 29.25 -0.49 0.00 | 33.39 -0.77 0.00 | 36.69 -1.70 0.00 | 56.72 -2.74 0.00 | 32.28 -1.23 0.00 | 27.40 -0.96 0.00 | 27.18 -0.95 0.00 | 26.42 -0.90 0.00 | 27.65 -0.74 0.00 | 28.94 -1.15 0.00 | 33.22 -1.38 0.00 | 34.96 -2.04 0.00 | 38.68 -2.39 0.41 | 68.77 -4.84 0.00 | 41.70 -3.25 0.00 | 33.16 -2.87 0.00 | 30.47 -2.53 0.00 | 29.64 -2.49 0.00 | 33.03 -2.11 0.00 | 32.42 -1.55 0.00 |
| OXBOW____ 24026 | 36.66 -0.50 0.00 | 28.51 -0.75 0.00 | 27.35 -0.54 0.00 | 28.38 -0.47 0.00 | 29.25 -0.48 0.00 | 33.42 -0.74 0.00 | 36.69 -1.70 0.00 | 56.72 -2.74 0.00 | 32.28 -1.22 0.00 | 27.40 -0.96 0.00 | 27.18 -0.95 0.00 | 26.43 -0.90 0.00 | 27.65 -0.74 0.00 | 28.92 -1.16 0.00 | 33.23 -1.38 0.00 | 34.97 -2.03 0.00 | 39.14 -2.35 0.00 | 68.79 -4.82 0.00 | 41.70 -3.25 0.00 | 33.16 -2.87 0.00 | 30.48 -2.52 0.00 | 29.64 -2.50 0.00 | 33.03 -2.12 0.00 | 32.41 -1.55 0.00 |
| OXY_CHEM_DSASP 323612 | 36.19 -0.97 0.00 | 28.15 -1.11 0.00 | 27.00 -0.89 0.00 | 28.03 -0.82 0.00 | 28.87 -0.86 0.00 | 32.94 -1.22 0.00 | 36.13 -2.26 0.00 | 55.77 -3.69 0.00 | 31.73 -1.77 0.00 | 26.95 -1.41 0.00 | 26.75 -1.38 0.00 | 26.02 -1.31 0.00 | 27.23 -1.16 0.00 | 28.46 -1.63 0.00 | 32.68 -1.93 0.00 | 34.37 -2.63 0.00 | 38.44 -3.05 0.00 | 67.54 -6.07 0.00 | 40.94 -4.00 0.00 | 32.58 -3.45 0.00 | 29.96 -3.04 0.00 | 29.15 -2.98 0.00 | 32.53 -2.61 0.00 | 31.96 -2.00 0.00 |
| OZONE_PARK_ESR 323760 | 39.76 2.61 0.00 | 31.24 1.98 0.00 | 29.61 1.72 0.00 | 30.55 1.70 0.00 | 31.56 1.83 0.00 | 36.47 2.31 0.00 | 41.16 2.77 0.00 | 63.98 4.51 0.00 | 36.15 2.64 0.00 | 30.71 2.35 0.00 | 30.52 2.39 0.00 | 29.63 2.30 0.00 | 30.76 2.37 0.00 | 32.50 2.41 0.00 | 37.24 2.63 0.00 | 39.69 2.69 0.00 | 44.47 2.99 0.00 | 79.08 5.47 0.00 | 48.36 3.42 0.00 | 38.81 2.78 0.00 | 35.46 2.46 0.00 | 34.53 2.40 0.00 | 37.43 2.28 0.00 | 36.13 2.16 0.00 |
| PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013 | 36.19 -0.97 0.00 | 28.15 -1.11 0.00 | 27.00 -0.89 0.00 | 28.03 -0.82 0.00 | 28.87 -0.86 0.00 | 32.94 -1.22 0.00 | 36.13 -2.26 0.00 | 55.77 -3.69 0.00 | 31.73 -1.77 0.00 | 26.95 -1.41 0.00 | 26.75 -1.38 0.00 | 26.02 -1.31 0.00 | 27.23 -1.16 0.00 | 28.46 -1.63 0.00 | 32.68 -1.93 0.00 | 34.37 -2.63 0.00 | 38.44 -3.05 0.00 | 67.54 -6.07 0.00 | 40.94 -4.00 0.00 | 32.58 -3.45 0.00 | 29.96 -3.04 0.00 | 29.15 -2.98 0.00 | 32.53 -2.61 0.00 | 31.96 -2.00 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 36.19 -0.97 0.00 | 28.15 -1.11 0.00 | 27.00 -0.89 0.00 | 28.03 -0.82 0.00 | 28.87 -0.86 0.00 | 32.94 -1.22 0.00 | 36.13 -2.26 0.00 | 55.77 -3.69 0.00 | 31.73 -1.77 0.00 | 26.95 -1.41 0.00 | 26.75 -1.38 0.00 | 26.02 -1.31 0.00 | 27.23 -1.16 0.00 | 28.46 -1.63 0.00 | 32.68 -1.93 0.00 | 34.37 -2.63 0.00 | 38.44 -3.05 0.00 | 67.54 -6.07 0.00 | 40.94 -4.00 0.00 | 32.58 -3.45 0.00 | 29.96 -3.04 0.00 | 29.15 -2.98 0.00 | 32.53 -2.61 0.00 | 31.96 -2.00 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 39.37 2.21 0.00 | 30.98 1.72 0.00 | 29.34 1.45 0.00 | 30.27 1.42 0.00 | 31.30 1.56 0.00 | 36.19 2.02 0.00 | 40.84 2.45 0.00 | 63.40 3.94 0.00 | 35.83 2.33 0.00 | 30.41 2.05 0.00 | 30.17 2.04 0.00 | 29.29 1.97 0.00 | 30.42 2.03 0.00 | 32.14 2.05 0.00 | 36.76 2.15 0.00 | 39.28 2.28 0.00 | 43.98 2.49 0.00 | 78.20 4.59 0.00 | 47.86 2.92 0.00 | 38.43 2.41 0.00 | 35.08 2.08 0.00 | 34.21 2.07 0.00 | 37.03 1.89 0.00 | 35.81 1.84 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 39.37 2.21 0.00 | 31.02 1.76 0.00 | 29.38 1.49 0.00 | 30.38 1.53 0.00 | 31.39 1.66 0.00 | 36.29 2.13 0.00 | 41.08 2.70 0.00 | 63.75 4.29 0.00 | 36.00 2.49 0.00 | 30.50 2.14 0.00 | 30.24 2.11 0.00 | 29.36 2.03 0.00 | 30.46 2.07 0.00 | 32.19 2.10 0.00 | 36.81 2.21 0.00 | 39.37 2.37 0.00 | 44.08 2.60 0.00 | 78.49 4.88 0.00 | 48.06 3.11 0.00 | 38.56 2.54 0.00 | 35.16 2.16 0.00 | 34.29 2.16 0.00 | 37.04 1.90 0.00 | 35.81 1.85 0.00 |
| PATROON__115KV_TB1 80586 | 37.77 0.61 0.00 | 29.82 0.56 0.00 | 28.42 0.53 0.00 | 29.38 0.53 0.00 | 30.29 0.56 0.00 | 34.92 0.75 0.00 | 39.39 1.00 0.00 | 61.02 1.55 0.00 | 34.37 0.86 0.00 | 28.97 0.61 0.00 | 28.74 0.61 0.00 | 27.93 0.60 0.00 | 28.96 0.57 0.00 | 30.71 0.62 0.00 | 35.32 0.71 0.00 | 37.83 0.83 0.00 | 42.31 0.82 0.00 | 75.01 1.40 0.00 | 45.83 0.89 0.00 | 36.83 0.80 0.00 | 33.77 0.76 0.00 | 32.94 0.80 0.00 | 35.83 0.68 0.00 | 34.57 0.61 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 38.39 1.24 0.00 | 30.26 1.00 0.00 | 28.84 0.95 0.00 | 29.83 0.98 0.00 | 30.78 1.05 0.00 | 35.45 1.29 0.00 | 39.96 1.57 0.00 | 61.91 2.45 0.00 | 34.63 1.13 0.00 | 29.04 0.68 0.00 | 28.69 0.56 0.00 | 27.87 0.55 0.00 | 28.97 0.58 0.00 | 30.72 0.63 0.00 | 35.43 0.83 0.00 | 38.23 1.23 0.00 | 43.05 1.56 0.00 | 76.46 2.86 0.00 | 46.71 1.77 0.00 | 37.46 1.43 0.00 | 34.28 1.28 0.00 | 33.36 1.22 0.00 | 36.38 1.23 0.00 | 35.09 1.13 0.00 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 37.87 0.71 0.00 | 29.41 0.15 0.00 | 28.21 0.32 0.00 | 29.28 0.43 0.00 | 30.21 0.47 0.00 | 34.51 0.34 0.00 | 38.07 -0.32 0.00 | 58.92 -0.54 0.00 | 33.45 -0.06 0.00 | 28.42 0.06 0.00 | 28.19 0.07 0.00 | 27.43 0.10 0.00 | 28.73 0.34 0.00 | 30.02 -0.07 0.00 | 34.47 -0.14 0.00 | 36.26 -0.74 0.00 | 40.63 -0.86 0.00 | 71.50 -2.10 0.00 | 43.35 -1.59 0.00 | 34.49 -1.54 0.00 | 31.65 -1.35 0.00 | 30.76 -1.37 0.00 | 34.14 -1.01 0.00 | 33.43 -0.53 0.00 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 39.43 2.27 0.00 | 31.03 1.77 0.00 | 29.46 1.57 0.00 | 30.43 1.58 0.00 | 31.45 1.72 0.00 | 36.35 2.19 0.00 | 41.09 2.70 0.00 | 63.85 4.38 0.00 | 35.99 2.49 0.00 | 30.48 2.12 0.00 | 30.23 2.10 0.00 | 29.32 1.99 0.00 | 30.44 2.05 0.00 | 32.18 2.09 0.00 | 36.98 2.37 0.00 | 39.49 2.49 0.00 | 44.31 2.82 0.00 | 78.83 5.22 0.00 | 48.21 3.26 0.00 | 38.67 2.65 0.00 | 35.35 2.35 0.00 | 34.38 2.25 0.00 | 37.24 2.10 0.00 | 35.92 1.96 0.00 |
| PEEKSKILL____ 23653 | 39.09 1.93 0.00 | 30.74 1.48 0.00 | 29.17 1.28 0.00 | 30.12 1.27 0.00 | 31.13 1.40 0.00 | 35.99 1.82 0.00 | 40.61 2.22 0.00 | 63.03 3.56 0.00 | 35.55 2.05 0.00 | 30.14 1.78 0.00 | 29.94 1.81 0.00 | 29.06 1.73 0.00 | 30.17 1.79 0.00 | 31.88 1.79 0.00 | 36.58 1.98 0.00 | 39.04 2.04 0.00 | 43.75 2.26 0.00 | 77.84 4.23 0.00 | 47.57 2.63 0.00 | 38.16 2.13 0.00 | 34.89 1.89 0.00 | 33.96 1.83 0.00 | 36.79 1.65 0.00 | 35.53 1.56 0.00 |

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| PGE MADISON___WINDPWR 24146 | 39.79 2.63 0.00 | 31.35 2.09 0.00 | 29.86 1.97 0.00 | 30.99 2.15 0.00 | 32.05 2.32 0.00 | 37.24 3.08 0.00 | 42.34 3.95 0.00 | 65.69 6.23 0.00 | 36.70 3.20 0.00 | 30.64 2.28 0.00 | 30.20 2.07 0.00 | 29.22 1.89 0.00 | 30.33 1.94 0.00 | 31.98 1.89 0.00 | 37.17 2.56 0.00 | 40.28 3.28 0.00 | 45.67 4.07 -0.11 | 80.96 7.35 0.00 | 49.29 4.35 0.00 | 39.06 3.03 0.00 | 35.51 2.51 0.00 | 34.17 2.03 0.00 | 37.06 1.92 0.00 | 35.79 1.82 0.00 |
| PIERCEFIELD___HYD 23852 | 35.52 -1.64 0.00 | 28.01 -1.25 0.00 | 26.53 -1.36 0.00 | 27.38 -1.46 0.00 | 27.97 -1.77 0.00 | 32.40 -1.76 0.00 | 36.86 -1.53 0.00 | 56.98 -2.49 0.00 | 32.00 -1.50 0.00 | 27.85 -0.51 0.00 | 27.82 -0.31 0.00 | 27.28 -0.05 0.00 | 28.55 0.16 0.00 | 30.15 0.06 0.00 | 34.79 0.19 0.00 | 37.02 0.02 0.00 | 41.89 0.40 0.00 | 74.48 0.87 0.00 | 45.41 0.46 0.00 | 36.09 0.06 0.00 | 33.03 0.02 0.00 | 31.89 -0.24 0.00 | 35.33 0.18 0.00 | 34.00 0.04 0.00 |
| PINELAWN_CC_1 323563 | 39.56 2.40 0.00 | 31.22 1.96 0.00 | 29.52 1.62 0.00 | 30.51 1.66 0.00 | 31.50 1.77 0.00 | 36.45 2.29 0.00 | 41.25 2.86 0.00 | 63.98 4.51 0.00 | 36.04 2.54 0.00 | 30.39 2.03 0.00 | 30.41 2.28 0.00 | 29.45 2.13 0.00 | 30.65 2.26 0.00 | 32.41 2.32 0.00 | 37.13 2.53 0.00 | 39.78 2.78 0.00 | 50.62 3.16 -5.97 | 88.32 5.77 -8.94 | 53.66 3.52 -5.19 | 61.15 2.87 -22.25 | 47.06 2.65 -11.41 | 36.67 2.59 -1.94 | 37.56 2.41 0.00 | 36.26 2.29 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 39.37 2.22 0.00 | 30.96 1.70 0.00 | 29.35 1.46 0.00 | 30.29 1.44 0.00 | 31.30 1.56 0.00 | 36.16 2.00 0.00 | 40.80 2.41 0.00 | 63.35 3.93 0.04 | 35.78 2.28 0.00 | 30.40 2.04 0.00 | 30.29 2.08 -0.08 | 29.33 2.00 0.00 | 30.45 2.07 0.00 | 32.18 2.08 0.00 | 36.88 2.27 0.00 | 39.32 2.33 0.00 | 44.21 2.57 -0.16 | 78.29 4.68 0.00 | 45.12 2.93 2.75 | 38.41 2.39 0.00 | 35.11 2.10 0.00 | 34.18 2.05 0.00 | 37.05 1.90 0.00 | 35.78 1.82 0.00 |
| PJM_GEN_KEystone 24065 | 39.78 0.78 -1.85 | 28.11 0.37 1.53 | 28.23 0.34 0.00 | 29.23 0.38 0.00 | 30.21 0.48 0.00 | 34.80 0.64 0.00 | 38.93 0.54 0.00 | 60.33 0.91 0.04 | 34.09 0.59 0.00 | 28.97 0.61 0.00 | 29.25 0.67 -0.44 | 28.02 0.69 0.00 | 29.19 0.80 0.00 | 30.67 0.58 0.00 | 35.16 0.56 0.00 | 36.10 0.23 1.13 | 41.31 0.20 0.37 | 74.02 0.41 0.00 | 42.37 0.17 2.75 | 36.07 0.05 0.00 | 33.01 0.01 0.00 | 32.15 0.01 0.00 | 35.07 -0.08 0.00 | 34.07 0.10 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 39.18 2.02 0.00 | 30.90 1.64 0.00 | 29.23 1.34 0.00 | 30.23 1.38 0.00 | 31.21 1.47 0.00 | 36.09 1.93 0.00 | 40.79 2.40 0.00 | 63.20 3.78 0.04 | 35.67 2.17 0.00 | 30.15 1.79 0.00 | 30.23 2.02 -0.08 | 29.22 1.89 0.00 | 30.39 2.00 0.00 | 32.12 2.03 0.00 | 36.79 2.19 0.00 | 39.34 2.34 0.00 | 49.28 2.59 -5.19 | 85.34 4.70 -7.04 | 49.46 2.89 -1.63 | 57.16 2.36 -18.77 | 43.94 2.17 -8.76 | 35.90 2.13 -1.63 | 37.09 1.94 0.00 | 35.81 1.84 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 39.27 2.12 0.00 | 30.87 1.61 0.00 | 29.25 1.36 0.00 | 30.17 1.33 0.00 | 31.19 1.46 0.00 | 36.07 1.91 0.00 | 40.68 2.29 0.00 | 63.21 3.80 0.04 | 35.71 2.21 0.00 | 30.35 1.99 0.00 | 30.25 2.04 -0.08 | 29.30 1.97 0.00 | 30.42 2.03 0.00 | 32.13 2.04 0.00 | 36.82 2.21 0.00 | 39.25 2.25 0.00 | 44.12 2.48 -0.16 | 78.18 4.57 0.00 | 45.05 2.86 2.75 | 38.35 2.32 0.00 | 35.05 2.04 0.00 | 34.14 2.00 0.00 | 36.98 1.84 0.00 | 35.71 1.75 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 34.84 -2.32 0.00 | 27.61 -1.66 0.00 | 26.22 -1.67 0.00 | 27.07 -1.78 0.00 | 27.58 -2.16 0.00 | 31.98 -2.19 0.00 | 36.35 -2.04 0.00 | 56.51 -2.96 0.00 | 31.70 -1.80 0.00 | 27.54 -0.82 0.00 | 27.91 -0.22 0.00 | 27.44 0.11 0.00 | 28.74 0.35 0.00 | 30.46 0.37 0.00 | 35.02 0.42 0.00 | 37.09 0.09 0.00 | 41.91 0.42 0.00 | 74.41 0.80 0.00 | 45.40 0.46 0.00 | 36.13 0.11 0.00 | 33.15 0.15 0.00 | 32.11 -0.03 0.00 | 35.48 0.33 0.00 | 34.11 0.14 0.00 |
| PLEASANTVLY___LBMP 24000 | 38.82 1.66 0.00 | 30.59 1.33 0.00 | 29.06 1.17 0.00 | 30.02 1.17 0.00 | 31.01 1.28 0.00 | 35.79 1.63 0.00 | 40.38 1.99 0.00 | 62.66 3.20 0.00 | 35.35 1.85 0.00 | 29.95 1.59 0.00 | 29.70 1.57 0.00 | 28.83 1.50 0.00 | 29.93 1.54 0.00 | 31.66 1.57 0.00 | 36.35 1.75 0.00 | 38.81 1.81 0.00 | 43.47 1.98 0.00 | 77.26 3.66 0.00 | 47.23 2.29 0.00 | 37.91 1.89 0.00 | 34.68 1.68 0.00 | 33.78 1.64 0.00 | 36.62 1.48 0.00 | 35.36 1.39 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 39.18 2.03 0.00 | 30.84 1.58 0.00 | 29.26 1.37 0.00 | 30.20 1.36 0.00 | 31.22 1.48 0.00 | 36.05 1.89 0.00 | 40.69 2.30 0.00 | 63.19 3.72 0.00 | 35.66 2.15 0.00 | 30.24 1.88 0.00 | 30.03 1.90 0.00 | 29.14 1.82 0.00 | 30.26 1.87 0.00 | 31.98 1.89 0.00 | 36.70 2.09 0.00 | 39.16 2.16 0.00 | 43.87 2.38 0.00 | 78.01 4.40 0.00 | 47.70 2.76 0.00 | 38.27 2.24 0.00 | 34.99 1.99 0.00 | 34.06 1.93 0.00 | 36.93 1.79 0.00 | 35.65 1.69 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 39.18 2.03 0.00 | 30.84 1.58 0.00 | 29.26 1.37 0.00 | 30.20 1.36 0.00 | 31.22 1.48 0.00 | 36.05 1.89 0.00 | 40.69 2.30 0.00 | 63.19 3.72 0.00 | 35.66 2.15 0.00 | 30.24 1.88 0.00 | 30.03 1.90 0.00 | 29.14 1.82 0.00 | 30.26 1.87 0.00 | 31.98 1.89 0.00 | 36.70 2.09 0.00 | 39.16 2.16 0.00 | 43.87 2.38 0.00 | 78.01 4.40 0.00 | 47.70 2.76 0.00 | 38.27 2.24 0.00 | 34.99 1.99 0.00 | 34.06 1.93 0.00 | 36.93 1.79 0.00 | 35.65 1.69 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 39.07 1.91 0.00 | 30.77 1.51 0.00 | 29.24 1.35 0.00 | 30.20 1.35 0.00 | 31.21 1.48 0.00 | 36.04 1.88 0.00 | 40.72 2.33 0.00 | 63.23 3.77 0.00 | 35.64 2.14 0.00 | 30.17 1.81 0.00 | 29.88 1.75 0.00 | 28.98 1.66 0.00 | 30.09 1.70 0.00 | 31.83 1.74 0.00 | 36.61 2.01 0.00 | 39.13 2.14 0.00 | 43.87 2.39 0.00 | 78.08 4.47 0.00 | 47.74 2.80 0.00 | 38.31 2.28 0.00 | 35.01 2.01 0.00 | 34.07 1.94 0.00 | 36.92 1.78 0.00 | 35.62 1.65 0.00 |
| POLETTI___ 23519 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.37 1.48 0.00 | 30.29 1.45 0.00 | 31.28 1.55 0.00 | 36.09 1.92 0.00 | 40.65 2.26 0.00 | 63.14 3.68 0.00 | 35.71 2.21 0.00 | 30.40 2.04 0.00 | 30.21 2.08 0.00 | 29.33 2.01 0.00 | 30.46 2.07 0.00 | 32.17 2.08 0.00 | 36.82 2.21 0.00 | 39.22 2.22 0.00 | 43.91 2.42 0.00 | 78.03 4.42 0.00 | 47.73 2.79 0.00 | 38.30 2.28 0.00 | 35.00 2.00 0.00 | -6.78 1.75 40.67 | 36.48 1.34 0.00 | 35.46 1.50 0.00 |
| POMONA___ESR 323819 | 39.10 1.94 0.00 | 30.73 1.47 0.00 | 29.15 1.26 0.00 | 30.11 1.27 0.00 | 31.14 1.40 0.00 | 36.01 1.85 0.00 | 40.63 2.24 0.00 | 63.06 3.60 0.00 | 35.54 2.04 0.00 | 30.14 1.78 0.00 | 29.95 1.82 0.00 | 29.08 1.76 0.00 | 30.19 1.80 0.00 | 31.87 1.79 0.00 | 36.59 1.99 0.00 | 39.05 2.05 0.00 | 43.77 2.28 0.00 | 77.87 4.26 0.00 | 47.60 2.66 0.00 | 38.16 2.14 0.00 | 34.89 1.89 0.00 | 33.95 1.82 0.00 | 36.76 1.62 0.00 | 35.50 1.54 0.00 |
| PORT_JEFF_3 23555 | 39.57 2.41 0.00 | 31.31 2.05 0.00 | 29.56 1.67 0.00 | 30.58 1.74 0.00 | 31.53 1.79 0.00 | 36.47 2.31 0.00 | 41.23 2.84 0.00 | 63.80 4.34 0.00 | 35.94 2.44 0.00 | 30.23 1.87 0.00 | 30.40 2.27 0.00 | 29.48 2.15 0.00 | 30.71 2.32 0.00 | 32.43 2.34 0.00 | 37.04 2.43 0.00 | 39.82 2.82 0.00 | 50.23 3.33 -5.42 | 87.48 5.98 -7.89 | 53.25 3.59 -4.71 | 59.22 3.02 -20.18 | 45.81 2.82 -9.98 | 36.66 2.76 -1.76 | 37.84 2.69 0.00 | 36.53 2.57 0.00 |

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| PORT_JEFF_4 23616 | 39.57 2.41 0.00 | 31.31 2.05 0.00 | 29.56 1.67 0.00 | 30.58 1.74 0.00 | 31.53 1.79 0.00 | 36.47 2.31 0.00 | 41.23 2.84 0.00 | 63.80 4.34 0.00 | 35.94 2.44 0.00 | 30.23 1.87 0.00 | 30.40 2.27 0.00 | 29.48 2.15 0.00 | 30.71 2.32 0.00 | 32.43 2.34 0.00 | 37.04 2.43 0.00 | 39.82 2.82 0.00 | 50.23 3.33 -5.42 | 87.48 5.98 -7.89 | 53.25 3.59 -4.71 | 59.22 3.02 -20.18 | 45.81 2.82 -9.98 | 36.66 2.76 -1.76 | 37.84 2.69 0.00 | 36.53 2.57 0.00 |
| PORT_JEFF_IC 23713 | 39.57 2.41 0.00 | 31.32 2.06 0.00 | 29.56 1.67 0.00 | 30.59 1.74 0.00 | 31.52 1.79 0.00 | 36.47 2.30 0.00 | 41.22 2.83 0.00 | 63.80 4.33 0.00 | 35.93 2.43 0.00 | 30.22 1.86 0.00 | 30.40 2.27 0.00 | 29.48 2.15 0.00 | 30.71 2.33 0.00 | 32.43 2.34 0.00 | 37.03 2.43 0.00 | 39.82 2.82 0.00 | 50.26 3.34 -5.43 | 87.57 6.04 -7.93 | 53.28 3.61 -4.73 | 59.31 3.04 -20.24 | 45.88 2.85 -10.03 | 36.69 2.79 -1.76 | 37.87 2.72 0.00 | 36.55 2.59 0.00 |
| PPL_PILGRIM_ST_GT1 24216 | 39.80 2.64 0.00 | 31.43 2.17 0.00 | 29.70 1.81 0.00 | 30.73 1.88 0.00 | 31.70 1.96 0.00 | 36.67 2.51 0.00 | 41.51 3.12 0.00 | 64.29 4.82 0.00 | 36.22 2.72 0.00 | 30.51 2.15 0.00 | 30.60 2.47 0.00 | 29.67 2.35 0.00 | 30.87 2.49 0.00 | 32.64 2.55 0.00 | 37.36 2.76 0.00 | 40.07 3.07 0.00 | 50.40 3.41 -5.50 | 87.79 6.11 -8.07 | 53.56 3.83 -4.79 | 59.67 3.15 -20.50 | 46.16 2.93 -10.23 | 36.77 2.85 -1.79 | 37.86 2.71 0.00 | 36.58 2.62 0.00 |
| PPL_PILGRIM_ST_GT2 24217 | 39.80 2.64 0.00 | 31.43 2.17 0.00 | 29.70 1.81 0.00 | 30.73 1.88 0.00 | 31.70 1.96 0.00 | 36.67 2.51 0.00 | 41.51 3.12 0.00 | 64.29 4.82 0.00 | 36.22 2.72 0.00 | 30.51 2.15 0.00 | 30.60 2.47 0.00 | 29.67 2.35 0.00 | 30.87 2.49 0.00 | 32.64 2.55 0.00 | 37.36 2.76 0.00 | 40.07 3.07 0.00 | 50.40 3.41 -5.50 | 87.79 6.11 -8.07 | 53.56 3.83 -4.79 | 59.67 3.15 -20.50 | 46.16 2.93 -10.23 | 36.77 2.85 -1.79 | 37.86 2.71 0.00 | 36.58 2.62 0.00 |
| PPL_SHRM_GT3 24213 | 39.30 2.15 0.00 | 31.33 2.07 0.00 | 29.46 1.57 0.00 | 30.50 1.65 0.00 | 31.36 1.63 0.00 | 36.29 2.13 0.00 | 40.81 2.42 0.00 | 62.92 3.46 0.00 | 35.42 1.92 0.00 | 29.66 1.30 0.00 | 30.19 2.06 0.00 | 29.29 1.96 0.00 | 30.66 2.27 0.00 | 32.19 2.10 0.00 | 36.43 1.83 0.00 | 39.49 2.48 0.00 | 50.15 3.24 -5.42 | 87.07 5.56 -7.91 | 52.74 3.08 -4.72 | 59.10 2.88 -20.20 | 45.73 2.72 -10.00 | 36.67 2.77 -1.76 | 38.10 2.96 0.00 | 36.77 2.81 0.00 |
| PPL_SHRM_GT4 24214 | 39.30 2.15 0.00 | 31.33 2.07 0.00 | 29.46 1.57 0.00 | 30.50 1.65 0.00 | 31.36 1.63 0.00 | 36.29 2.13 0.00 | 40.81 2.42 0.00 | 62.92 3.46 0.00 | 35.42 1.92 0.00 | 29.66 1.30 0.00 | 30.19 2.06 0.00 | 29.29 1.96 0.00 | 30.66 2.27 0.00 | 32.19 2.10 0.00 | 36.43 1.83 0.00 | 39.49 2.48 0.00 | 50.15 3.24 -5.42 | 87.07 5.56 -7.91 | 52.74 3.08 -4.72 | 59.10 2.88 -20.20 | 45.73 2.72 -10.00 | 36.67 2.77 -1.76 | 38.10 2.96 0.00 | 36.77 2.81 0.00 |
| PROJECT___ORANGE 1 24174 | 37.05 -0.11 0.00 | 29.10 -0.17 0.00 | 27.77 -0.12 0.00 | 28.73 -0.12 0.00 | 29.63 -0.10 0.00 | 33.98 -0.18 0.00 | 38.09 -0.30 0.00 | 59.02 -0.44 0.00 | 33.26 -0.24 0.00 | 28.13 -0.23 0.00 | 27.91 -0.22 0.00 | 27.08 -0.24 0.00 | 28.14 -0.25 0.00 | 29.71 -0.38 0.00 | 34.16 -0.45 0.00 | 36.54 -0.46 0.00 | 41.04 -0.45 0.00 | 72.76 -0.85 0.00 | 44.37 -0.57 0.00 | 35.52 -0.51 0.00 | 32.53 -0.48 0.00 | 31.65 -0.49 0.00 | 34.75 -0.40 0.00 | 33.64 -0.32 0.00 |
| PROJECT___ORANGE 2 24166 | 37.05 -0.11 0.00 | 29.10 -0.17 0.00 | 27.77 -0.12 0.00 | 28.73 -0.12 0.00 | 29.63 -0.10 0.00 | 33.98 -0.18 0.00 | 38.09 -0.30 0.00 | 59.02 -0.44 0.00 | 33.26 -0.24 0.00 | 28.13 -0.23 0.00 | 27.91 -0.22 0.00 | 27.08 -0.24 0.00 | 28.14 -0.25 0.00 | 29.71 -0.38 0.00 | 34.16 -0.45 0.00 | 36.54 -0.46 0.00 | 41.04 -0.45 0.00 | 72.76 -0.85 0.00 | 44.37 -0.57 0.00 | 35.52 -0.51 0.00 | 32.53 -0.48 0.00 | 31.65 -0.49 0.00 | 34.75 -0.40 0.00 | 33.64 -0.32 0.00 |
| PUCKETT___SOLAR 323809 | 38.09 0.93 0.00 | 29.86 0.60 0.00 | 28.44 0.55 0.00 | 29.48 0.64 0.00 | 30.47 0.73 0.00 | 35.22 1.05 0.00 | 39.69 1.30 0.00 | 61.53 2.07 0.00 | 34.60 1.10 0.00 | 29.09 0.72 0.00 | 28.80 0.67 0.00 | 27.93 0.60 0.00 | 29.06 0.67 0.00 | 30.67 0.58 0.00 | 35.49 0.89 0.00 | 37.93 0.93 0.00 | 42.83 1.19 -0.15 | 75.78 2.17 0.00 | 46.18 1.24 0.00 | 36.83 0.81 0.00 | 33.69 0.69 0.00 | 32.62 0.48 0.00 | 35.55 0.40 0.00 | 34.42 0.45 0.00 |
| PYRITES___HYD 24023 | 36.00 -1.16 0.00 | 28.38 -0.88 0.00 | 26.89 -1.00 0.00 | 27.76 -1.09 0.00 | 28.34 -1.39 0.00 | 32.88 -1.29 0.00 | 37.47 -0.92 0.00 | 57.88 -1.59 0.00 | 32.29 -1.21 0.00 | 27.92 -0.44 0.00 | 27.90 -0.23 0.00 | 27.39 0.07 0.00 | 28.69 0.31 0.00 | 30.31 0.22 0.00 | 35.08 0.48 0.00 | 37.28 0.28 0.00 | 42.40 0.91 0.00 | 75.51 1.90 0.00 | 46.01 1.07 0.00 | 36.54 0.51 0.00 | 33.43 0.43 0.00 | 32.29 0.15 0.00 | 35.77 0.63 0.00 | 34.42 0.46 0.00 |
| QUAKERRD_115KV_BK1 80622 | 36.13 -1.03 0.00 | 28.27 -0.99 0.00 | 27.03 -0.86 0.00 | 28.00 -0.85 0.00 | 28.88 -0.85 0.00 | 33.09 -1.07 0.00 | 36.89 -1.50 0.00 | 57.17 -2.29 0.00 | 32.30 -1.20 0.00 | 27.35 -1.01 0.00 | 27.10 -1.03 0.00 | 26.33 -0.99 0.00 | 27.44 -0.94 0.00 | 28.87 -1.22 0.00 | 33.19 -1.41 0.00 | 35.31 -1.69 0.00 | 39.62 -1.86 0.00 | 70.10 -3.51 0.00 | 42.67 -2.28 0.00 | 34.06 -1.97 0.00 | 31.18 -1.82 0.00 | 30.31 -1.82 0.00 | 33.45 -1.70 0.00 | 32.50 -1.46 0.00 |
| QUENSBRY_115KV_TB8 356137 | 38.64 1.48 0.00 | 30.53 1.27 0.00 | 29.10 1.21 0.00 | 30.18 1.33 0.00 | 31.21 1.47 0.00 | 35.94 1.78 0.00 | 40.59 2.20 0.00 | 62.98 3.51 0.00 | 35.38 1.88 0.00 | 29.50 1.14 0.00 | 29.26 1.13 0.00 | 28.34 1.02 0.00 | 29.47 1.08 0.00 | 31.42 1.33 0.00 | 36.05 1.45 0.00 | 38.54 1.54 0.00 | 43.29 1.80 0.00 | 76.87 3.26 0.00 | 47.06 2.12 0.00 | 37.86 1.83 0.00 | 34.74 1.74 0.00 | 33.90 1.76 0.00 | 36.95 1.81 0.00 | 35.55 1.59 0.00 |
| RAMAPO___LBMP 323565 | 38.97 1.82 0.00 | 30.64 1.38 0.00 | 29.06 1.17 0.00 | 30.02 1.17 0.00 | 31.04 1.31 0.00 | 35.90 1.73 0.00 | 40.50 2.11 0.00 | 62.83 3.37 0.00 | 35.42 1.92 0.00 | 30.03 1.67 0.00 | 29.83 1.70 0.00 | 28.96 1.64 0.00 | 30.06 1.68 0.00 | 31.74 1.65 0.00 | 36.44 1.83 0.00 | 38.88 1.88 0.00 | 43.58 2.09 0.00 | 77.58 3.97 0.00 | 47.40 2.45 0.00 | 38.02 1.99 0.00 | 34.75 1.75 0.00 | 33.82 1.69 0.00 | 36.62 1.48 0.00 | 35.37 1.41 0.00 |
| RANKINE____ 23646 | 37.37 0.21 0.00 | 29.05 -0.21 0.00 | 27.87 -0.02 0.00 | 28.92 0.08 0.00 | 29.83 0.10 0.00 | 34.10 -0.07 0.00 | 37.57 -0.82 0.00 | 58.08 -1.39 0.00 | 32.98 -0.52 0.00 | 27.99 -0.37 0.00 | 27.75 -0.38 0.00 | 26.98 -0.35 0.00 | 28.24 -0.15 0.00 | 29.54 -0.55 0.00 | 33.95 -0.66 0.00 | 35.74 -1.26 0.00 | 40.01 -1.48 0.00 | 70.30 -3.31 0.00 | 42.60 -2.34 0.00 | 33.88 -2.15 0.00 | 31.12 -1.88 0.00 | 30.22 -1.91 0.00 | 33.60 -1.55 0.00 | 32.91 -1.06 0.00 |
| RAVENSWOOD_GT2_1 24244 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.47 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.82 2.43 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.43 2.07 0.00 | 30.24 2.11 0.00 | 29.36 2.03 0.00 | 30.48 2.10 0.00 | 32.21 2.12 0.00 | 36.90 2.30 0.00 | 39.34 2.35 0.00 | 44.06 2.57 0.00 | 78.33 4.72 0.00 | 47.89 2.95 0.00 | 38.44 2.41 0.00 | 35.13 2.13 0.00 | 34.22 2.08 0.00 | 37.08 1.94 0.00 | 35.82 1.86 0.00 |

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| RAVENSWOOD_GT2_2 24245 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.47 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.82 2.43 0.00 | 63.40 3.94 0.00 | 35.81 2.31 0.00 | 30.43 2.07 0.00 | 30.24 2.11 0.00 | 29.36 2.03 0.00 | 30.48 2.10 0.00 | 32.21 2.12 0.00 | 36.90 2.30 0.00 | 39.34 2.35 0.00 | 44.06 2.57 0.00 | 78.33 4.72 0.00 | 47.89 2.95 0.00 | 38.44 2.41 0.00 | 35.13 2.13 0.00 | 34.22 2.08 0.00 | 37.08 1.94 0.00 | 35.82 1.86 0.00 |
| RAVENSWOOD_GT2_3 24246 | 39.45 2.29 0.00 | 31.01 1.75 0.00 | 29.40 1.51 0.00 | 30.34 1.50 0.00 | 31.35 1.61 0.00 | 36.21 2.04 0.00 | 40.84 2.45 0.00 | 63.43 3.97 0.00 | 35.83 2.33 0.00 | 30.45 2.09 0.00 | 30.26 2.13 0.00 | 29.38 2.05 0.00 | 30.50 2.11 0.00 | 32.23 2.14 0.00 | 36.93 2.32 0.00 | 39.36 2.36 0.00 | 44.09 2.60 0.00 | 78.39 4.78 0.00 | 47.93 2.98 0.00 | 38.46 2.43 0.00 | 35.14 2.14 0.00 | 34.24 2.10 0.00 | 37.10 1.95 0.00 | 35.83 1.87 0.00 |
| RAVENSWOOD_GT2_4 24247 | 39.45 2.29 0.00 | 31.01 1.75 0.00 | 29.40 1.51 0.00 | 30.34 1.50 0.00 | 31.35 1.61 0.00 | 36.21 2.04 0.00 | 40.84 2.45 0.00 | 63.43 3.97 0.00 | 35.83 2.33 0.00 | 30.45 2.09 0.00 | 30.26 2.13 0.00 | 29.38 2.05 0.00 | 30.50 2.11 0.00 | 32.23 2.14 0.00 | 36.93 2.32 0.00 | 39.36 2.36 0.00 | 44.09 2.60 0.00 | 78.39 4.78 0.00 | 47.93 2.98 0.00 | 38.46 2.43 0.00 | 35.14 2.14 0.00 | 34.24 2.10 0.00 | 37.10 1.95 0.00 | 35.83 1.87 0.00 |
| RAVENSWOOD_GT3_1 24248 | 39.43 2.27 0.00 | 31.00 1.74 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.83 2.44 0.00 | 63.41 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.22 2.13 0.00 | 36.90 2.30 0.00 | 39.35 2.35 0.00 | 44.07 2.58 0.00 | 78.33 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.41 0.00 | 35.14 2.13 0.00 | 34.22 2.08 0.00 | 37.08 1.94 0.00 | 35.83 1.86 0.00 |
| RAVENSWOOD_GT3_2 24249 | 39.43 2.27 0.00 | 31.00 1.74 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.83 2.44 0.00 | 63.41 3.94 0.00 | 35.81 2.31 0.00 | 30.44 2.08 0.00 | 30.25 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.22 2.13 0.00 | 36.90 2.30 0.00 | 39.35 2.35 0.00 | 44.07 2.58 0.00 | 78.33 4.72 0.00 | 47.90 2.96 0.00 | 38.44 2.41 0.00 | 35.14 2.13 0.00 | 34.22 2.08 0.00 | 37.08 1.94 0.00 | 35.83 1.86 0.00 |
| RAVENSWOOD_GT3_3 24250 | 39.49 2.33 0.00 | 31.04 1.78 0.00 | 29.43 1.54 0.00 | 30.37 1.53 0.00 | 31.37 1.64 0.00 | 36.24 2.08 0.00 | 40.88 2.49 0.00 | 63.50 4.04 0.00 | 35.87 2.38 0.00 | 30.49 2.13 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.54 2.15 0.00 | 32.26 2.17 0.00 | 36.96 2.36 0.00 | 39.41 2.41 0.00 | 44.14 2.65 0.00 | 78.47 4.86 0.00 | 47.98 3.04 0.00 | 38.50 2.48 0.00 | 35.18 2.18 0.00 | 34.28 2.14 0.00 | 37.13 1.99 0.00 | 35.87 1.90 0.00 |
| RAVENSWOOD_GT3_4 24251 | 39.49 2.33 0.00 | 31.04 1.78 0.00 | 29.43 1.54 0.00 | 30.37 1.53 0.00 | 31.37 1.64 0.00 | 36.24 2.08 0.00 | 40.88 2.49 0.00 | 63.50 4.04 0.00 | 35.87 2.38 0.00 | 30.49 2.13 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.54 2.15 0.00 | 32.26 2.17 0.00 | 36.96 2.36 0.00 | 39.41 2.41 0.00 | 44.14 2.65 0.00 | 78.47 4.86 0.00 | 47.98 3.04 0.00 | 38.50 2.48 0.00 | 35.18 2.18 0.00 | 34.28 2.14 0.00 | 37.13 1.99 0.00 | 35.87 1.90 0.00 |
| RAVENSWOOD_GT_1 23729 | 39.55 2.39 0.00 | 31.10 1.83 0.00 | 29.47 1.58 0.00 | 30.41 1.56 0.00 | 31.43 1.69 0.00 | 36.29 2.12 0.00 | 40.90 2.51 0.00 | 63.49 4.02 0.00 | 35.89 2.39 0.00 | 30.53 2.17 0.00 | 30.32 2.20 0.00 | 29.45 2.12 0.00 | 30.57 2.18 0.00 | 32.29 2.20 0.00 | 36.96 2.36 0.00 | 39.42 2.42 0.00 | 44.13 2.64 0.00 | 78.41 4.80 0.00 | 47.98 3.03 0.00 | 38.52 2.49 0.00 | 35.18 2.19 0.00 | 34.28 2.15 0.00 | 37.15 2.01 0.00 | 35.91 1.95 0.00 |
| RAVENSWOOD_GT_10 24258 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.82 2.43 0.00 | 63.43 3.96 0.00 | 35.81 2.31 0.00 | 30.43 2.07 0.00 | 30.24 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.21 2.12 0.00 | 36.90 2.30 0.00 | 39.35 2.36 0.00 | 44.07 2.58 0.00 | 78.34 4.73 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.13 0.00 | 34.22 2.09 0.00 | 37.08 1.94 0.00 | 35.82 1.86 0.00 |
| RAVENSWOOD_GT_11 24259 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.82 2.43 0.00 | 63.43 3.96 0.00 | 35.81 2.31 0.00 | 30.43 2.07 0.00 | 30.24 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.21 2.12 0.00 | 36.90 2.30 0.00 | 39.35 2.36 0.00 | 44.07 2.58 0.00 | 78.34 4.73 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.13 0.00 | 34.22 2.09 0.00 | 37.08 1.94 0.00 | 35.82 1.86 0.00 |
| RAVENSWOOD_GT_4 24252 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.83 2.45 0.00 | 63.43 3.96 0.00 | 35.82 2.32 0.00 | 30.43 2.07 0.00 | 30.25 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.09 2.60 0.00 | 78.36 4.75 0.00 | 47.91 2.97 0.00 | 38.45 2.42 0.00 | 35.14 2.13 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.82 1.86 0.00 |
| RAVENSWOOD_GT_5 24254 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.83 2.45 0.00 | 63.43 3.96 0.00 | 35.82 2.32 0.00 | 30.43 2.07 0.00 | 30.25 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.09 2.60 0.00 | 78.36 4.75 0.00 | 47.91 2.97 0.00 | 38.45 2.42 0.00 | 35.14 2.13 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.82 1.86 0.00 |
| RAVENSWOOD_GT_6 24253 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.83 2.45 0.00 | 63.43 3.96 0.00 | 35.82 2.32 0.00 | 30.43 2.07 0.00 | 30.25 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.09 2.60 0.00 | 78.36 4.75 0.00 | 47.91 2.97 0.00 | 38.45 2.42 0.00 | 35.14 2.13 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.82 1.86 0.00 |
| RAVENSWOOD_GT_7 24255 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.83 2.45 0.00 | 63.43 3.96 0.00 | 35.82 2.32 0.00 | 30.43 2.07 0.00 | 30.25 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.22 2.13 0.00 | 36.92 2.31 0.00 | 39.36 2.36 0.00 | 44.09 2.60 0.00 | 78.36 4.75 0.00 | 47.91 2.97 0.00 | 38.45 2.42 0.00 | 35.14 2.13 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.82 1.86 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.82 2.43 0.00 | 63.43 3.96 0.00 | 35.81 2.31 0.00 | 30.43 2.07 0.00 | 30.24 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.21 2.12 0.00 | 36.90 2.30 0.00 | 39.35 2.36 0.00 | 44.07 2.58 0.00 | 78.34 4.73 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.13 0.00 | 34.22 2.09 0.00 | 37.08 1.94 0.00 | 35.82 1.86 0.00 |

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| RAVENSWOOD_GT_9 24257 | 39.43 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.82 2.43 0.00 | 63.43 3.96 0.00 | 35.81 2.31 0.00 | 30.43 2.07 0.00 | 30.24 2.12 0.00 | 29.36 2.04 0.00 | 30.49 2.10 0.00 | 32.21 2.12 0.00 | 36.90 2.30 0.00 | 39.35 2.36 0.00 | 44.07 2.58 0.00 | 78.34 4.73 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.13 0.00 | 34.22 2.09 0.00 | 37.08 1.94 0.00 | 35.82 1.86 0.00 |
| RAVENSWOOD___1 23533 | 39.47 2.31 0.00 | 31.03 1.77 0.00 | 29.41 1.52 0.00 | 30.35 1.50 0.00 | 31.36 1.63 0.00 | 36.22 2.06 0.00 | 40.83 2.44 0.00 | 63.38 3.92 0.00 | 35.82 2.32 0.00 | 30.47 2.11 0.00 | 30.27 2.14 0.00 | 29.39 2.06 0.00 | 30.51 2.12 0.00 | 32.23 2.14 0.00 | 36.89 2.29 0.00 | 39.36 2.36 0.00 | 44.07 2.58 0.00 | 78.28 4.67 0.00 | 47.90 2.96 0.00 | 38.45 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.85 1.88 0.00 |
| RAVENSWOOD___2 23534 | 39.47 2.31 0.00 | 31.03 1.77 0.00 | 29.41 1.52 0.00 | 30.35 1.50 0.00 | 31.36 1.63 0.00 | 36.22 2.06 0.00 | 40.83 2.44 0.00 | 63.38 3.92 0.00 | 35.82 2.32 0.00 | 30.47 2.11 0.00 | 30.27 2.14 0.00 | 29.39 2.06 0.00 | 30.51 2.12 0.00 | 32.23 2.14 0.00 | 36.89 2.29 0.00 | 39.36 2.36 0.00 | 44.07 2.58 0.00 | 78.28 4.67 0.00 | 47.90 2.96 0.00 | 38.45 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.85 1.88 0.00 |
| RAVENSWOOD___3 23535 | 39.43 2.27 0.00 | 31.00 1.74 0.00 | 29.39 1.49 0.00 | 30.33 1.48 0.00 | 31.33 1.60 0.00 | 36.20 2.04 0.00 | 40.83 2.44 0.00 | 63.41 3.95 0.00 | 35.82 2.32 0.00 | 30.44 2.08 0.00 | 30.25 2.12 0.00 | 29.37 2.04 0.00 | 30.49 2.10 0.00 | 32.21 2.13 0.00 | 36.90 2.30 0.00 | 39.36 2.36 0.00 | 44.08 2.59 0.00 | 78.33 4.73 0.00 | 47.90 2.96 0.00 | 38.44 2.42 0.00 | 35.14 2.14 0.00 | 34.22 2.09 0.00 | 37.08 1.94 0.00 | 35.83 1.86 0.00 |
| RAVENSWOOD___4 23820 | 39.47 2.31 0.00 | 31.03 1.77 0.00 | 29.41 1.52 0.00 | 30.35 1.50 0.00 | 31.36 1.63 0.00 | 36.22 2.06 0.00 | 40.83 2.44 0.00 | 63.38 3.92 0.00 | 35.82 2.32 0.00 | 30.47 2.11 0.00 | 30.27 2.14 0.00 | 29.39 2.06 0.00 | 30.51 2.12 0.00 | 32.23 2.14 0.00 | 36.89 2.29 0.00 | 39.36 2.36 0.00 | 44.07 2.58 0.00 | 78.28 4.67 0.00 | 47.90 2.96 0.00 | 38.45 2.42 0.00 | 35.14 2.14 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.85 1.88 0.00 |
| RCPI_TRUST___DRP 24196 | 39.42 2.26 0.00 | 30.99 1.73 0.00 | 29.38 1.49 0.00 | 30.32 1.47 0.00 | 31.33 1.60 0.00 | 36.19 2.03 0.00 | 40.84 2.45 0.00 | 63.47 4.01 0.00 | 35.83 2.33 0.00 | 30.43 2.07 0.00 | 30.25 2.12 0.00 | 29.37 2.04 0.00 | 30.49 2.11 0.00 | 32.22 2.13 0.00 | 36.92 2.32 0.00 | 39.37 2.37 0.00 | 44.09 2.61 0.00 | 78.40 4.79 0.00 | 47.92 2.98 0.00 | 38.45 2.42 0.00 | 35.14 2.13 0.00 | 34.21 2.08 0.00 | 37.08 1.94 0.00 | 35.82 1.86 0.00 |
| RED___ROCHESTER 323720 | 37.05 -0.11 0.00 | 28.93 -0.33 0.00 | 27.67 -0.22 0.00 | 28.68 -0.17 0.00 | 29.58 -0.16 0.00 | 33.89 -0.27 0.00 | 37.74 -0.65 0.00 | 58.51 -0.96 0.00 | 33.08 -0.42 0.00 | 28.00 -0.36 0.00 | 27.73 -0.40 0.00 | 26.96 -0.37 0.00 | 28.12 -0.27 0.00 | 29.54 -0.55 0.00 | 33.99 -0.62 0.00 | 36.09 -0.90 0.00 | 40.29 -0.99 0.21 | 71.68 -1.93 0.00 | 43.59 -1.35 0.00 | 34.76 -1.26 0.00 | 31.83 -1.18 0.00 | 30.93 -1.21 0.00 | 34.15 -0.99 0.00 | 33.23 -0.74 0.00 |
| REGAN___SOLAR 323812 | 39.32 2.17 0.00 | 30.95 1.69 0.00 | 29.50 1.61 0.00 | 30.51 1.67 0.00 | 31.51 1.78 0.00 | 36.33 2.16 0.00 | 41.06 2.67 0.00 | 63.70 4.23 0.00 | 35.07 1.57 0.00 | 28.97 0.61 0.00 | 28.57 0.44 0.00 | 27.81 0.48 0.00 | 28.93 0.55 0.00 | 30.63 0.54 0.00 | 35.41 0.81 0.00 | 38.95 1.95 0.00 | 44.38 2.89 0.00 | 79.12 5.51 0.00 | 48.27 3.33 0.00 | 38.64 2.61 0.00 | 35.27 2.27 0.00 | 34.23 2.09 0.00 | 37.35 2.20 0.00 | 35.96 1.99 0.00 |
| RENSSELAER___COGEN 23796 | 37.59 0.43 0.00 | 29.68 0.42 0.00 | 28.29 0.39 0.00 | 29.24 0.39 0.00 | 30.15 0.41 0.00 | 34.74 0.57 0.00 | 39.18 0.79 0.00 | 60.67 1.20 0.00 | 34.17 0.67 0.00 | 28.81 0.45 0.00 | 28.58 0.45 0.00 | 27.77 0.44 0.00 | 28.80 0.41 0.00 | 30.52 0.42 0.00 | 35.07 0.47 0.00 | 37.54 0.54 0.00 | 41.98 0.49 0.00 | 74.42 0.81 0.00 | 45.48 0.54 0.00 | 36.55 0.53 0.00 | 33.54 0.54 0.00 | 32.74 0.61 0.00 | 35.64 0.49 0.00 | 34.38 0.42 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 40.52 3.36 0.00 | 32.13 2.87 0.00 | 30.60 2.71 0.00 | 31.83 2.98 0.00 | 32.95 3.21 0.00 | 37.84 3.67 0.00 | 42.77 4.38 0.00 | 66.28 6.82 0.00 | 37.04 3.53 0.00 | 30.50 2.14 0.00 | 30.44 2.31 0.00 | 29.34 2.02 0.00 | 30.58 2.19 0.00 | 32.86 2.77 0.00 | 37.83 3.23 0.00 | 40.09 3.09 0.00 | 45.41 3.92 0.00 | 80.90 7.29 0.00 | 49.53 4.59 0.00 | 39.98 3.96 0.00 | 36.80 3.80 0.00 | 35.93 3.79 0.00 | 38.96 3.82 0.00 | 37.35 3.39 0.00 |
| REVERE_CPPR_DRP 24186 | 38.20 1.04 0.00 | 30.05 0.79 0.00 | 28.71 0.82 0.00 | 29.72 0.87 0.00 | 30.68 0.94 0.00 | 35.39 1.22 0.00 | 40.02 1.63 0.00 | 62.05 2.58 0.00 | 34.80 1.30 0.00 | 29.25 0.88 0.00 | 28.92 0.79 0.00 | 28.02 0.69 0.00 | 29.10 0.71 0.00 | 30.78 0.69 0.00 | 35.51 0.91 0.00 | 38.38 1.38 0.00 | 43.32 1.83 0.00 | 76.87 3.26 0.00 | 46.89 1.95 0.00 | 37.45 1.43 0.00 | 34.27 1.27 0.00 | 33.19 1.06 0.00 | 36.23 1.09 0.00 | 34.93 0.97 0.00 |
| REYNOLDS_115KV_TB3 80639 | 37.90 0.75 0.00 | 29.94 0.68 0.00 | 28.54 0.65 0.00 | 29.50 0.66 0.00 | 30.42 0.68 0.00 | 35.05 0.88 0.00 | 39.52 1.13 0.00 | 61.18 1.71 0.00 | 34.48 0.97 0.00 | 29.06 0.70 0.00 | 28.81 0.68 0.00 | 27.99 0.67 0.00 | 29.02 0.63 0.00 | 30.80 0.71 0.00 | 35.41 0.80 0.00 | 37.88 0.88 0.00 | 42.33 0.84 0.00 | 75.01 1.40 0.00 | 45.85 0.91 0.00 | 36.87 0.84 0.00 | 33.84 0.84 0.00 | 33.03 0.90 0.00 | 35.94 0.79 0.00 | 34.68 0.72 0.00 |
| RIVERBAY____ 323610 | 39.37 2.21 0.00 | 31.02 1.76 0.00 | 29.38 1.49 0.00 | 30.38 1.53 0.00 | 31.39 1.66 0.00 | 36.29 2.13 0.00 | 41.08 2.70 0.00 | 63.75 4.29 0.00 | 36.00 2.49 0.00 | 30.50 2.14 0.00 | 30.24 2.11 0.00 | 29.36 2.03 0.00 | 30.46 2.07 0.00 | 32.19 2.10 0.00 | 36.81 2.21 0.00 | 39.37 2.37 0.00 | 44.08 2.60 0.00 | 78.49 4.88 0.00 | 48.06 3.11 0.00 | 38.56 2.54 0.00 | 35.16 2.16 0.00 | 34.29 2.16 0.00 | 37.04 1.90 0.00 | 35.81 1.85 0.00 |
| RIVERSDE_115KV_TB3 55908 | 37.75 0.60 0.00 | 29.82 0.56 0.00 | 28.42 0.52 0.00 | 29.38 0.53 0.00 | 30.28 0.55 0.00 | 34.90 0.73 0.00 | 39.36 0.98 0.00 | 60.96 1.50 0.00 | 34.34 0.84 0.00 | 28.95 0.59 0.00 | 28.72 0.59 0.00 | 27.91 0.58 0.00 | 28.93 0.55 0.00 | 30.68 0.59 0.00 | 35.28 0.68 0.00 | 37.76 0.76 0.00 | 42.22 0.73 0.00 | 74.84 1.23 0.00 | 45.73 0.79 0.00 | 36.76 0.73 0.00 | 33.72 0.72 0.00 | 32.91 0.77 0.00 | 35.81 0.66 0.00 | 34.55 0.58 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 36.21 -0.95 0.00 | 28.57 -0.70 0.00 | 27.18 -0.71 0.00 | 28.09 -0.76 0.00 | 28.81 -0.93 0.00 | 33.20 -0.97 0.00 | 37.51 -0.88 0.00 | 58.02 -1.45 0.00 | 32.57 -0.94 0.00 | 27.95 -0.41 0.00 | 27.85 -0.28 0.00 | 27.16 -0.16 0.00 | 28.30 -0.08 0.00 | 29.95 -0.14 0.00 | 34.47 -0.14 0.00 | 36.73 -0.27 0.00 | 41.23 -0.26 0.00 | 73.09 -0.52 0.00 | 44.59 -0.36 0.00 | 35.59 -0.44 0.00 | 32.59 -0.41 0.00 | 31.59 -0.55 0.00 | 34.69 -0.45 0.00 | 33.39 -0.58 0.00 |

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| ROCHESRG_115KV_T4 355643 | 36.70 -0.46 0.00 | 28.67 -0.59 0.00 | 27.42 -0.47 0.00 | 28.42 -0.43 0.00 | 29.31 -0.43 0.00 | 33.57 -0.60 0.00 | 37.32 -1.07 0.00 | 57.83 -1.63 0.00 | 32.71 -0.79 0.00 | 27.70 -0.66 0.00 | 27.45 -0.68 0.00 | 26.69 -0.64 0.00 | 27.83 -0.55 0.00 | 29.24 -0.85 0.00 | 33.62 -0.98 0.00 | 35.69 -1.31 0.00 | 40.04 -1.45 0.00 | 70.79 -2.82 0.00 | 43.05 -1.90 0.00 | 34.33 -1.70 0.00 | 31.45 -1.55 0.00 | 30.59 -1.55 0.00 | 33.80 -1.35 0.00 | 32.91 -1.05 0.00 |
| ROCHESTER_9_IC 23652 | 36.89 -0.27 0.00 | 28.81 -0.45 0.00 | 27.56 -0.33 0.00 | 28.56 -0.28 0.00 | 29.45 -0.28 0.00 | 33.76 -0.41 0.00 | 37.55 -0.84 0.00 | 58.22 -1.25 0.00 | 32.91 -0.58 0.00 | 27.87 -0.49 0.00 | 27.61 -0.52 0.00 | 26.83 -0.49 0.00 | 27.99 -0.40 0.00 | 29.40 -0.69 0.00 | 33.82 -0.79 0.00 | 35.91 -1.08 0.00 | 40.30 -1.18 0.00 | 71.28 -2.33 0.00 | 43.33 -1.62 0.00 | 34.56 -1.47 0.00 | 31.66 -1.34 0.00 | 30.76 -1.37 0.00 | 33.99 -1.16 0.00 | 33.09 -0.88 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 39.42 2.27 0.00 | 31.00 1.74 0.00 | 29.41 1.51 0.00 | 30.35 1.50 0.00 | 31.36 1.63 0.00 | 36.24 2.07 0.00 | 40.90 2.51 0.00 | 63.50 4.03 0.00 | 35.84 2.33 0.00 | 30.41 2.05 0.00 | 30.22 2.09 0.00 | 29.33 2.00 0.00 | 30.45 2.06 0.00 | 32.18 2.09 0.00 | 36.91 2.30 0.00 | 39.38 2.38 0.00 | 44.12 2.64 0.00 | 78.46 4.85 0.00 | 47.97 3.03 0.00 | 38.48 2.46 0.00 | 35.18 2.18 0.00 | 34.27 2.14 0.00 | 37.13 1.98 0.00 | 35.85 1.89 0.00 |
| ROME____115KV_TB2 80656 | 38.20 1.04 0.00 | 30.05 0.79 0.00 | 28.71 0.82 0.00 | 29.72 0.87 0.00 | 30.68 0.94 0.00 | 35.39 1.22 0.00 | 40.02 1.63 0.00 | 62.05 2.58 0.00 | 34.80 1.30 0.00 | 29.25 0.88 0.00 | 28.92 0.79 0.00 | 28.02 0.69 0.00 | 29.10 0.71 0.00 | 30.78 0.69 0.00 | 35.51 0.91 0.00 | 38.38 1.38 0.00 | 43.32 1.83 0.00 | 76.87 3.26 0.00 | 46.89 1.95 0.00 | 37.45 1.43 0.00 | 34.27 1.27 0.00 | 33.19 1.06 0.00 | 36.23 1.09 0.00 | 34.93 0.97 0.00 |
| ROSETON___1 23587 | 38.84 1.68 0.00 | 30.58 1.32 0.00 | 29.05 1.16 0.00 | 30.00 1.15 0.00 | 31.00 1.26 0.00 | 35.80 1.64 0.00 | 40.37 1.99 0.00 | 62.65 3.19 0.00 | 35.34 1.83 0.00 | 29.95 1.59 0.00 | 29.71 1.58 0.00 | 28.83 1.51 0.00 | 29.94 1.55 0.00 | 31.64 1.55 0.00 | 36.33 1.73 0.00 | 38.79 1.79 0.00 | 43.46 1.97 0.00 | 77.26 3.65 0.00 | 47.22 2.28 0.00 | 37.90 1.87 0.00 | 34.67 1.67 0.00 | 33.75 1.61 0.00 | 36.60 1.45 0.00 | 35.34 1.37 0.00 |
| ROSETON___2 23588 | 38.84 1.68 0.00 | 30.58 1.32 0.00 | 29.05 1.16 0.00 | 30.00 1.15 0.00 | 31.00 1.26 0.00 | 35.80 1.64 0.00 | 40.37 1.99 0.00 | 62.65 3.19 0.00 | 35.34 1.83 0.00 | 29.95 1.59 0.00 | 29.71 1.58 0.00 | 28.83 1.51 0.00 | 29.94 1.55 0.00 | 31.64 1.55 0.00 | 36.33 1.73 0.00 | 38.79 1.79 0.00 | 43.46 1.97 0.00 | 77.26 3.65 0.00 | 47.22 2.28 0.00 | 37.90 1.87 0.00 | 34.67 1.67 0.00 | 33.75 1.61 0.00 | 36.60 1.45 0.00 | 35.34 1.37 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 38.11 0.95 0.00 | 30.06 0.80 0.00 | 28.63 0.74 0.00 | 29.61 0.77 0.00 | 30.56 0.82 0.00 | 35.18 1.02 0.00 | 39.63 1.25 0.00 | 61.42 1.95 0.00 | 34.54 1.04 0.00 | 29.10 0.74 0.00 | 28.80 0.67 0.00 | 27.97 0.64 0.00 | 29.04 0.66 0.00 | 30.80 0.71 0.00 | 35.45 0.84 0.00 | 38.00 1.00 0.00 | 42.62 1.14 0.00 | 75.66 2.05 0.00 | 46.23 1.28 0.00 | 37.10 1.08 0.00 | 33.99 0.99 0.00 | 33.11 0.97 0.00 | 36.10 0.95 0.00 | 34.84 0.88 0.00 |
| RUSSELL___1 23602 | 37.05 -0.11 0.00 | 28.93 -0.33 0.00 | 27.67 -0.22 0.00 | 28.68 -0.17 0.00 | 29.58 -0.16 0.00 | 33.91 -0.26 0.00 | 37.74 -0.65 0.00 | 58.51 -0.95 0.00 | 33.08 -0.42 0.00 | 28.00 -0.36 0.00 | 27.73 -0.40 0.00 | 26.96 -0.36 0.00 | 28.12 -0.27 0.00 | 29.53 -0.56 0.00 | 33.98 -0.63 0.00 | 36.10 -0.90 0.00 | 40.53 -0.96 0.00 | 71.70 -1.90 0.00 | 43.59 -1.36 0.00 | 34.76 -1.26 0.00 | 31.83 -1.17 0.00 | 30.93 -1.21 0.00 | 34.15 -0.99 0.00 | 33.23 -0.74 0.00 |
| RUSSELL___2 23532 | 37.05 -0.11 0.00 | 28.93 -0.33 0.00 | 27.67 -0.22 0.00 | 28.68 -0.17 0.00 | 29.58 -0.16 0.00 | 33.91 -0.26 0.00 | 37.74 -0.65 0.00 | 58.51 -0.95 0.00 | 33.08 -0.42 0.00 | 28.00 -0.36 0.00 | 27.73 -0.40 0.00 | 26.96 -0.36 0.00 | 28.12 -0.27 0.00 | 29.53 -0.56 0.00 | 33.98 -0.63 0.00 | 36.10 -0.90 0.00 | 40.53 -0.96 0.00 | 71.70 -1.90 0.00 | 43.59 -1.36 0.00 | 34.76 -1.26 0.00 | 31.83 -1.17 0.00 | 30.93 -1.21 0.00 | 34.15 -0.99 0.00 | 33.23 -0.74 0.00 |
| RUSSELL___3 23549 | 37.05 -0.11 0.00 | 28.93 -0.33 0.00 | 27.67 -0.22 0.00 | 28.68 -0.17 0.00 | 29.58 -0.16 0.00 | 33.91 -0.26 0.00 | 37.74 -0.65 0.00 | 58.51 -0.95 0.00 | 33.08 -0.42 0.00 | 28.00 -0.36 0.00 | 27.73 -0.40 0.00 | 26.96 -0.36 0.00 | 28.12 -0.27 0.00 | 29.53 -0.56 0.00 | 33.98 -0.63 0.00 | 36.10 -0.90 0.00 | 40.53 -0.96 0.00 | 71.70 -1.90 0.00 | 43.59 -1.36 0.00 | 34.76 -1.26 0.00 | 31.83 -1.17 0.00 | 30.93 -1.21 0.00 | 34.15 -0.99 0.00 | 33.23 -0.74 0.00 |
| RUSSELL___4 23556 | 37.05 -0.11 0.00 | 28.93 -0.33 0.00 | 27.67 -0.22 0.00 | 28.68 -0.17 0.00 | 29.58 -0.16 0.00 | 33.91 -0.26 0.00 | 37.74 -0.65 0.00 | 58.51 -0.95 0.00 | 33.08 -0.42 0.00 | 28.00 -0.36 0.00 | 27.73 -0.40 0.00 | 26.96 -0.36 0.00 | 28.12 -0.27 0.00 | 29.53 -0.56 0.00 | 33.98 -0.63 0.00 | 36.10 -0.90 0.00 | 40.53 -0.96 0.00 | 71.70 -1.90 0.00 | 43.59 -1.36 0.00 | 34.76 -1.26 0.00 | 31.83 -1.17 0.00 | 30.93 -1.21 0.00 | 34.15 -0.99 0.00 | 33.23 -0.74 0.00 |
| RUSSELL___STATION 23914 | 37.05 -0.11 0.00 | 28.93 -0.33 0.00 | 27.67 -0.22 0.00 | 28.68 -0.17 0.00 | 29.58 -0.16 0.00 | 33.91 -0.26 0.00 | 37.74 -0.65 0.00 | 58.51 -0.95 0.00 | 33.08 -0.42 0.00 | 28.00 -0.36 0.00 | 27.73 -0.40 0.00 | 26.96 -0.36 0.00 | 28.12 -0.27 0.00 | 29.53 -0.56 0.00 | 33.98 -0.63 0.00 | 36.10 -0.90 0.00 | 40.53 -0.96 0.00 | 71.70 -1.90 0.00 | 43.59 -1.36 0.00 | 34.76 -1.26 0.00 | 31.83 -1.17 0.00 | 30.93 -1.21 0.00 | 34.15 -0.99 0.00 | 33.23 -0.74 0.00 |
| S SALMON___HYD 24043 | 36.85 -0.30 0.00 | 28.98 -0.28 0.00 | 27.64 -0.25 0.00 | 28.59 -0.26 0.00 | 29.46 -0.28 0.00 | 33.77 -0.39 0.00 | 38.06 -0.33 0.00 | 59.00 -0.46 0.00 | 33.15 -0.36 0.00 | 27.94 -0.42 0.00 | 27.63 -0.51 0.00 | 26.82 -0.51 0.00 | 27.88 -0.50 0.00 | 29.42 -0.67 0.00 | 33.83 -0.78 0.00 | 36.44 -0.56 0.00 | 41.10 -0.38 0.00 | 72.99 -0.61 0.00 | 44.54 -0.40 0.00 | 35.62 -0.41 0.00 | 32.67 -0.33 0.00 | 31.66 -0.47 0.00 | 34.71 -0.43 0.00 | 33.50 -0.46 0.00 |
| S.PERRY__115KV_TB1 80734 | 38.30 1.14 0.00 | 29.78 0.52 0.00 | 28.57 0.68 0.00 | 29.64 0.79 0.00 | 30.65 0.92 0.00 | 35.28 1.12 0.00 | 39.44 1.05 0.00 | 61.16 1.70 0.00 | 34.48 0.98 0.00 | 28.85 0.48 0.00 | 28.33 0.20 0.00 | 27.40 0.08 0.00 | 28.63 0.24 0.00 | 30.02 -0.07 0.00 | 34.67 0.06 0.00 | 37.11 0.12 0.00 | 41.99 0.50 0.00 | 74.29 0.68 0.00 | 45.13 0.19 0.00 | 35.91 -0.12 0.00 | 32.76 -0.24 0.00 | 31.71 -0.43 0.00 | 34.83 -0.32 0.00 | 33.92 -0.05 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 36.84 -0.31 0.00 | 28.65 -0.61 0.00 | 27.48 -0.41 0.00 | 28.51 -0.33 0.00 | 29.40 -0.34 0.00 | 33.58 -0.58 0.00 | 36.94 -1.45 0.00 | 57.09 -2.37 0.00 | 32.44 -1.07 0.00 | 27.53 -0.83 0.00 | 27.32 -0.81 0.00 | 26.57 -0.76 0.00 | 27.80 -0.59 0.00 | 29.07 -1.02 0.00 | 33.40 -1.21 0.00 | 35.15 -1.85 0.00 | 39.32 -2.17 0.00 | 69.12 -4.49 0.00 | 41.90 -3.05 0.00 | 33.33 -2.69 0.00 | 30.63 -2.37 0.00 | 29.77 -2.37 0.00 | 33.15 -2.00 0.00 | 32.50 -1.46 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 36.84 -0.31 0.00 | 28.65 -0.61 0.00 | 27.48 -0.41 0.00 | 28.51 -0.33 0.00 | 29.40 -0.34 0.00 | 33.58 -0.58 0.00 | 36.94 -1.45 0.00 | 57.09 -2.37 0.00 | 32.44 -1.07 0.00 | 27.53 -0.83 0.00 | 27.32 -0.81 0.00 | 26.57 -0.76 0.00 | 27.80 -0.59 0.00 | 29.07 -1.02 0.00 | 33.40 -1.21 0.00 | 35.15 -1.85 0.00 | 39.32 -2.17 0.00 | 69.12 -4.49 0.00 | 41.90 -3.05 0.00 | 33.33 -2.69 0.00 | 30.63 -2.37 0.00 | 29.77 -2.37 0.00 | 33.15 -2.00 0.00 | 32.50 -1.46 0.00 |
| SELKIRK___I 23801 | 37.91 0.76 0.00 | 29.93 0.67 0.00 | 28.54 0.64 0.00 | 29.50 0.66 0.00 | 30.42 0.69 0.00 | 35.03 0.86 0.00 | 39.48 1.09 0.00 | 61.07 1.61 0.00 | 34.29 0.79 0.00 | 28.84 0.48 0.00 | 28.59 0.46 0.00 | 27.79 0.46 0.00 | 28.84 0.45 0.00 | 30.56 0.47 0.00 | 35.21 0.61 0.00 | 37.80 0.80 0.00 | 42.34 0.85 0.00 | 75.01 1.40 0.00 | 45.87 0.93 0.00 | 36.84 0.81 0.00 | 33.79 0.79 0.00 | 32.94 0.81 0.00 | 35.89 0.74 0.00 | 34.65 0.69 0.00 |
| SELKIRK___II 23799 | 37.76 0.61 0.00 | 29.80 0.54 0.00 | 28.40 0.51 0.00 | 29.35 0.51 0.00 | 30.27 0.54 0.00 | 34.88 0.71 0.00 | 39.30 0.91 0.00 | 60.86 1.40 0.00 | 34.28 0.77 0.00 | 28.92 0.56 0.00 | 28.68 0.55 0.00 | 27.85 0.53 0.00 | 28.90 0.51 0.00 | 30.62 0.53 0.00 | 35.21 0.60 0.00 | 37.69 0.69 0.00 | 42.18 0.69 0.00 | 74.79 1.18 0.00 | 45.72 0.77 0.00 | 36.72 0.70 0.00 | 33.67 0.67 0.00 | 32.85 0.71 0.00 | 35.75 0.60 0.00 | 34.51 0.54 0.00 |
| SENECA OSWGO___HYD 24041 | 36.71 -0.45 0.00 | 28.84 -0.42 0.00 | 27.49 -0.40 0.00 | 28.44 -0.41 0.00 | 29.32 -0.42 0.00 | 33.60 -0.57 0.00 | 37.65 -0.74 0.00 | 58.36 -1.10 0.00 | 32.85 -0.65 0.00 | 27.80 -0.56 0.00 | 27.54 -0.58 0.00 | 26.74 -0.58 0.00 | 27.78 -0.61 0.00 | 29.32 -0.77 0.00 | 33.73 -0.88 0.00 | 36.13 -0.87 0.00 | 40.61 -0.88 0.00 | 72.07 -1.54 0.00 | 43.96 -0.98 0.00 | 35.20 -0.83 0.00 | 32.25 -0.75 0.00 | 31.38 -0.76 0.00 | 34.47 -0.68 0.00 | 33.36 -0.61 0.00 |
| SENECA___115KV_TB3 355854 | 37.43 0.27 0.00 | 29.09 -0.17 0.00 | 27.91 0.02 0.00 | 28.97 0.12 0.00 | 29.88 0.14 0.00 | 34.16 0.00 0.00 | 37.62 -0.76 0.00 | 58.18 -1.29 0.00 | 33.04 -0.46 0.00 | 28.04 -0.32 0.00 | 27.80 -0.32 0.00 | 27.03 -0.30 0.00 | 28.30 -0.09 0.00 | 29.59 -0.50 0.00 | 34.01 -0.60 0.00 | 35.80 -1.20 0.00 | 40.08 -1.41 0.00 | 70.44 -3.17 0.00 | 42.69 -2.26 0.00 | 33.94 -2.09 0.00 | 31.18 -1.83 0.00 | 30.28 -1.86 0.00 | 33.65 -1.50 0.00 | 32.96 -1.01 0.00 |
| SENECA___ENERGY 23797 | 37.31 0.15 0.00 | 29.21 -0.05 0.00 | 27.91 0.02 0.00 | 28.92 0.07 0.00 | 29.87 0.14 0.00 | 34.30 0.14 0.00 | 38.43 0.05 0.00 | 59.65 0.18 0.00 | 33.62 0.12 0.00 | 28.29 -0.08 0.00 | 27.97 -0.16 0.00 | 27.14 -0.19 0.00 | 28.23 -0.16 0.00 | 29.77 -0.32 0.00 | 34.24 -0.37 0.00 | 36.65 -0.34 0.00 | 41.18 -0.31 0.00 | 73.14 -0.47 0.00 | 44.52 -0.43 0.00 | 35.62 -0.41 0.00 | 32.52 -0.48 0.00 | 31.60 -0.53 0.00 | 34.66 -0.49 0.00 | 33.59 -0.38 0.00 |
| SHOEMAKER___GT 23640 | 38.81 1.65 0.00 | 30.54 1.28 0.00 | 29.01 1.11 0.00 | 29.97 1.12 0.00 | 30.97 1.24 0.00 | 35.77 1.61 0.00 | 40.35 1.96 0.00 | 62.62 3.16 0.00 | 35.27 1.76 0.00 | 29.82 1.46 0.00 | 29.57 1.44 0.00 | 28.68 1.36 0.00 | 29.77 1.39 0.00 | 31.41 1.32 0.00 | 36.11 1.51 0.00 | 38.61 1.61 0.00 | 43.32 1.83 0.00 | 77.07 3.46 0.00 | 47.09 2.15 0.00 | 37.77 1.74 0.00 | 34.55 1.54 0.00 | 33.62 1.49 0.00 | 36.48 1.34 0.00 | 35.22 1.25 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 38.79 1.63 0.00 | 30.52 1.26 0.00 | 28.99 1.10 0.00 | 29.95 1.10 0.00 | 30.95 1.22 0.00 | 35.75 1.59 0.00 | 40.33 1.94 0.00 | 62.57 3.11 0.00 | 35.25 1.75 0.00 | 29.83 1.47 0.00 | 29.59 1.46 0.00 | 28.71 1.38 0.00 | 29.80 1.41 0.00 | 31.42 1.33 0.00 | 36.12 1.52 0.00 | 38.60 1.61 0.00 | 43.29 1.80 0.00 | 77.01 3.40 0.00 | 47.06 2.12 0.00 | 37.75 1.72 0.00 | 34.53 1.52 0.00 | 33.60 1.46 0.00 | 36.46 1.31 0.00 | 35.20 1.24 0.00 |
| SHOREHAM_IC_1 23715 | 39.30 2.15 0.00 | 31.33 2.07 0.00 | 29.46 1.57 0.00 | 30.50 1.65 0.00 | 31.36 1.63 0.00 | 36.29 2.13 0.00 | 40.81 2.42 0.00 | 62.92 3.46 0.00 | 35.42 1.92 0.00 | 29.66 1.30 0.00 | 30.19 2.06 0.00 | 29.29 1.96 0.00 | 30.66 2.27 0.00 | 32.19 2.10 0.00 | 36.43 1.83 0.00 | 39.49 2.48 0.00 | 50.15 3.24 -5.42 | 87.07 5.56 -7.91 | 52.74 3.08 -4.72 | 59.10 2.88 -20.20 | 45.73 2.72 -10.00 | 36.67 2.77 -1.76 | 38.10 2.96 0.00 | 36.77 2.81 0.00 |
| SHOREHAM_IC_2 23716 | 39.30 2.15 0.00 | 31.33 2.07 0.00 | 29.46 1.57 0.00 | 30.50 1.65 0.00 | 31.36 1.63 0.00 | 36.29 2.13 0.00 | 40.81 2.42 0.00 | 62.92 3.46 0.00 | 35.42 1.92 0.00 | 29.66 1.30 0.00 | 30.19 2.06 0.00 | 29.29 1.96 0.00 | 30.66 2.27 0.00 | 32.19 2.10 0.00 | 36.43 1.83 0.00 | 39.49 2.48 0.00 | 50.15 3.24 -5.42 | 87.07 5.56 -7.91 | 52.74 3.08 -4.72 | 59.10 2.88 -20.20 | 45.73 2.72 -10.00 | 36.67 2.77 -1.76 | 38.10 2.96 0.00 | 36.77 2.81 0.00 |
| SISSONVILLE____ 23735 | 35.52 -1.64 0.00 | 28.01 -1.25 0.00 | 26.53 -1.36 0.00 | 27.38 -1.46 0.00 | 27.97 -1.77 0.00 | 32.40 -1.76 0.00 | 36.86 -1.53 0.00 | 56.98 -2.49 0.00 | 32.00 -1.50 0.00 | 27.85 -0.51 0.00 | 27.82 -0.31 0.00 | 27.28 -0.05 0.00 | 28.55 0.16 0.00 | 30.15 0.06 0.00 | 34.79 0.19 0.00 | 37.02 0.02 0.00 | 41.89 0.40 0.00 | 74.48 0.87 0.00 | 45.41 0.46 0.00 | 36.09 0.06 0.00 | 33.03 0.02 0.00 | 31.89 -0.24 0.00 | 35.33 0.18 0.00 | 34.00 0.04 0.00 |
| SITHE_IND_GS1 24169 | 36.28 -0.88 0.00 | 28.53 -0.74 0.00 | 27.22 -0.68 0.00 | 28.16 -0.69 0.00 | 29.00 -0.73 0.00 | 33.17 -0.99 0.00 | 37.11 -1.28 0.00 | 57.48 -1.98 0.00 | 32.41 -1.10 0.00 | 27.49 -0.87 0.00 | 27.27 -0.86 0.00 | 26.50 -0.82 0.00 | 27.53 -0.86 0.00 | 29.05 -1.04 0.00 | 33.36 -1.24 0.00 | 35.66 -1.34 0.00 | 40.02 -1.47 0.00 | 70.98 -2.63 0.00 | 43.31 -1.63 0.00 | 34.68 -1.35 0.00 | 31.77 -1.24 0.00 | 30.95 -1.18 0.00 | 34.10 -1.05 0.00 | 33.01 -0.96 0.00 |
| SITHE_IND_GS2 24170 | 36.28 -0.88 0.00 | 28.53 -0.74 0.00 | 27.22 -0.68 0.00 | 28.16 -0.69 0.00 | 29.00 -0.73 0.00 | 33.17 -0.99 0.00 | 37.11 -1.28 0.00 | 57.48 -1.98 0.00 | 32.41 -1.10 0.00 | 27.49 -0.87 0.00 | 27.27 -0.86 0.00 | 26.50 -0.82 0.00 | 27.53 -0.86 0.00 | 29.05 -1.04 0.00 | 33.36 -1.24 0.00 | 35.66 -1.34 0.00 | 40.02 -1.47 0.00 | 70.98 -2.63 0.00 | 43.31 -1.63 0.00 | 34.68 -1.35 0.00 | 31.77 -1.24 0.00 | 30.95 -1.18 0.00 | 34.10 -1.05 0.00 | 33.01 -0.96 0.00 |
| SITHE_IND_GS3 24171 | 36.28 -0.88 0.00 | 28.53 -0.74 0.00 | 27.22 -0.68 0.00 | 28.16 -0.69 0.00 | 29.00 -0.73 0.00 | 33.17 -0.99 0.00 | 37.11 -1.28 0.00 | 57.48 -1.98 0.00 | 32.41 -1.10 0.00 | 27.49 -0.87 0.00 | 27.27 -0.86 0.00 | 26.50 -0.82 0.00 | 27.53 -0.86 0.00 | 29.05 -1.04 0.00 | 33.36 -1.24 0.00 | 35.66 -1.34 0.00 | 40.02 -1.47 0.00 | 70.98 -2.63 0.00 | 43.31 -1.63 0.00 | 34.68 -1.35 0.00 | 31.77 -1.24 0.00 | 30.95 -1.18 0.00 | 34.10 -1.05 0.00 | 33.01 -0.96 0.00 |
| SITHE_IND_GS4 24172 | 36.28 -0.88 0.00 | 28.53 -0.74 0.00 | 27.22 -0.68 0.00 | 28.16 -0.69 0.00 | 29.00 -0.73 0.00 | 33.17 -0.99 0.00 | 37.11 -1.28 0.00 | 57.48 -1.98 0.00 | 32.41 -1.10 0.00 | 27.49 -0.87 0.00 | 27.27 -0.86 0.00 | 26.50 -0.82 0.00 | 27.53 -0.86 0.00 | 29.05 -1.04 0.00 | 33.36 -1.24 0.00 | 35.66 -1.34 0.00 | 40.02 -1.47 0.00 | 70.98 -2.63 0.00 | 43.31 -1.63 0.00 | 34.68 -1.35 0.00 | 31.77 -1.24 0.00 | 30.95 -1.18 0.00 | 34.10 -1.05 0.00 | 33.01 -0.96 0.00 |

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| SITHE___BATAVIA 24024 | 37.52 0.36 0.00 | 29.22 -0.04 0.00 | 28.00 0.11 0.00 | 29.05 0.20 0.00 | 29.98 0.25 0.00 | 34.34 0.18 0.00 | 38.01 -0.38 0.00 | 59.12 -0.34 0.00 | 33.49 -0.01 0.00 | 28.25 -0.11 0.00 | 27.90 -0.24 0.00 | 27.05 -0.27 0.00 | 28.26 -0.13 0.00 | 29.62 -0.47 0.00 | 34.20 -0.41 0.00 | 36.35 -0.65 0.00 | 40.53 -0.65 0.31 | 72.10 -1.51 0.00 | 43.73 -1.21 0.00 | 34.78 -1.24 0.00 | 31.88 -1.13 0.00 | 30.95 -1.18 0.00 | 34.29 -0.85 0.00 | 33.53 -0.44 0.00 |
| SITHE___INDEPEND 23800 | 36.28 -0.88 0.00 | 28.53 -0.74 0.00 | 27.22 -0.68 0.00 | 28.16 -0.69 0.00 | 29.00 -0.73 0.00 | 33.17 -0.99 0.00 | 37.11 -1.28 0.00 | 57.48 -1.98 0.00 | 32.41 -1.10 0.00 | 27.49 -0.87 0.00 | 27.27 -0.86 0.00 | 26.50 -0.83 0.00 | 27.53 -0.86 0.00 | 29.05 -1.03 0.00 | 33.36 -1.24 0.00 | 35.66 -1.34 0.00 | 40.03 -1.46 0.00 | 70.98 -2.63 0.00 | 43.31 -1.63 0.00 | 34.68 -1.35 0.00 | 31.77 -1.24 0.00 | 30.95 -1.18 0.00 | 34.10 -1.05 0.00 | 33.01 -0.96 0.00 |
| SITHE___MASSENA 23902 | 35.20 -1.96 0.00 | 27.77 -1.49 0.00 | 26.34 -1.55 0.00 | 27.19 -1.66 0.00 | 27.73 -2.00 0.00 | 32.12 -2.05 0.00 | 36.46 -1.93 0.00 | 56.27 -3.19 0.00 | 31.50 -2.01 0.00 | 27.55 -0.81 0.00 | 27.62 -0.51 0.00 | 27.13 -0.20 0.00 | 28.40 0.01 0.00 | 30.01 -0.08 0.00 | 34.59 -0.01 0.00 | 36.65 -0.35 0.00 | 41.27 -0.22 0.00 | 73.17 -0.44 0.00 | 44.59 -0.35 0.00 | 35.44 -0.58 0.00 | 32.48 -0.52 0.00 | 31.45 -0.69 0.00 | 34.95 -0.20 0.00 | 33.70 -0.26 0.00 |
| SITHE___OGDNSBRG 24021 | 35.87 -1.29 0.00 | 28.29 -0.97 0.00 | 26.81 -1.08 0.00 | 27.68 -1.17 0.00 | 28.25 -1.48 0.00 | 32.77 -1.40 0.00 | 37.30 -1.09 0.00 | 57.60 -1.87 0.00 | 32.09 -1.42 0.00 | 27.79 -0.58 0.00 | 27.80 -0.33 0.00 | 27.30 -0.02 0.00 | 28.60 0.22 0.00 | 30.21 0.12 0.00 | 34.93 0.33 0.00 | 37.08 0.09 0.00 | 42.18 0.69 0.00 | 75.06 1.46 0.00 | 45.73 0.78 0.00 | 36.32 0.29 0.00 | 33.25 0.25 0.00 | 32.12 -0.01 0.00 | 35.63 0.49 0.00 | 34.30 0.34 0.00 |
| SITHE___STERLING 23777 | 38.00 0.84 0.00 | 29.90 0.64 0.00 | 28.58 0.69 0.00 | 29.58 0.74 0.00 | 30.54 0.80 0.00 | 35.21 1.05 0.00 | 39.72 1.33 0.00 | 61.57 2.11 0.00 | 34.56 1.05 0.00 | 29.07 0.70 0.00 | 28.77 0.64 0.00 | 27.88 0.55 0.00 | 28.96 0.57 0.00 | 30.61 0.52 0.00 | 35.29 0.68 0.00 | 38.07 1.07 0.00 | 42.88 1.39 0.00 | 75.99 2.38 0.00 | 46.35 1.41 0.00 | 37.05 1.02 0.00 | 33.90 0.89 0.00 | 32.88 0.74 0.00 | 35.90 0.76 0.00 | 34.67 0.71 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 36.87 -0.29 0.00 | 28.88 -0.38 0.00 | 27.60 -0.29 0.00 | 28.60 -0.25 0.00 | 29.51 -0.23 0.00 | 33.84 -0.32 0.00 | 37.84 -0.55 0.00 | 58.72 -0.74 0.00 | 33.15 -0.36 0.00 | 28.06 -0.30 0.00 | 27.75 -0.38 0.00 | 26.96 -0.37 0.00 | 28.07 -0.31 0.00 | 29.57 -0.52 0.00 | 33.98 -0.63 0.00 | 36.23 -0.77 0.00 | 40.72 -0.77 0.00 | 72.13 -1.48 0.00 | 43.88 -1.07 0.00 | 35.03 -1.00 0.00 | 32.04 -0.96 0.00 | 31.14 -0.99 0.00 | 34.29 -0.86 0.00 | 33.25 -0.72 0.00 |
| SOUTH CAIRO___GT 23612 | 39.04 1.89 0.00 | 30.83 1.57 0.00 | 29.41 1.52 0.00 | 30.44 1.59 0.00 | 31.42 1.68 0.00 | 36.29 2.12 0.00 | 41.11 2.73 0.00 | 63.79 4.32 0.00 | 35.58 2.08 0.00 | 29.45 1.09 0.00 | 28.96 0.83 0.00 | 28.07 0.75 0.00 | 29.10 0.71 0.00 | 30.91 0.82 0.00 | 35.78 1.18 0.00 | 38.97 1.97 0.00 | 43.94 2.45 0.00 | 78.17 4.56 0.00 | 47.77 2.83 0.00 | 38.31 2.28 0.00 | 35.10 2.10 0.00 | 34.16 2.03 0.00 | 37.13 1.98 0.00 | 35.75 1.78 0.00 |
| SOUTH HAMPTN___IC 23720 | 39.20 2.05 0.00 | 31.21 1.95 0.00 | 29.38 1.49 0.00 | 30.42 1.57 0.00 | 31.30 1.57 0.00 | 36.25 2.09 0.00 | 40.91 2.52 0.00 | 63.18 3.72 0.00 | 35.51 2.01 0.00 | 29.71 1.35 0.00 | 30.23 2.10 0.00 | 29.41 2.08 0.00 | 30.74 2.35 0.00 | 32.29 2.20 0.00 | 36.63 2.03 0.00 | 39.68 2.68 0.00 | 50.39 3.49 -5.42 | 87.93 6.43 -7.89 | 53.33 3.68 -4.71 | 59.48 3.28 -20.17 | 46.20 3.22 -9.98 | 37.14 3.25 -1.76 | 38.52 3.38 0.00 | 37.21 3.25 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 38.94 1.78 0.00 | 30.21 0.95 0.00 | 28.97 1.08 0.00 | 30.08 1.24 0.00 | 31.07 1.34 0.00 | 35.67 1.50 0.00 | 39.44 1.05 0.00 | 60.98 1.52 0.00 | 34.44 0.94 0.00 | 29.30 0.94 0.00 | 29.16 1.03 0.00 | 28.33 1.00 0.00 | 29.60 1.21 0.00 | 31.04 0.95 0.00 | 35.57 0.97 0.00 | 37.39 0.39 0.00 | 41.75 0.27 0.00 | 73.03 -0.57 0.00 | 44.05 -0.89 0.00 | 34.95 -1.07 0.00 | 32.17 -0.83 0.00 | 31.14 -1.00 0.00 | 34.53 -0.62 0.00 | 33.83 -0.13 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 38.80 1.64 0.00 | 30.88 1.63 0.00 | 29.08 1.19 0.00 | 30.10 1.26 0.00 | 30.99 1.26 0.00 | 35.92 1.76 0.00 | 40.65 2.26 0.00 | 62.83 3.36 0.00 | 35.29 1.79 0.00 | 29.51 1.15 0.00 | 30.07 1.94 0.00 | 29.35 2.03 0.00 | 30.65 2.26 0.00 | 32.17 2.08 0.00 | 36.52 1.92 0.00 | 39.58 2.58 0.00 | 50.36 3.46 -5.42 | 88.32 6.82 -7.89 | 53.59 3.94 -4.71 | 59.66 3.46 -20.17 | 46.52 3.53 -9.98 | 37.46 3.57 -1.76 | 38.82 3.68 0.00 | 37.54 3.58 0.00 |
| SOUTHOLD___IC 23719 | 38.80 1.64 0.00 | 30.88 1.62 0.00 | 29.08 1.19 0.00 | 30.10 1.26 0.00 | 30.99 1.26 0.00 | 35.92 1.76 0.00 | 40.65 2.26 0.00 | 62.84 3.37 0.00 | 35.29 1.79 0.00 | 29.51 1.15 0.00 | 30.07 1.94 0.00 | 29.35 2.03 0.00 | 30.65 2.26 0.00 | 32.17 2.08 0.00 | 36.52 1.92 0.00 | 39.58 2.58 0.00 | 50.37 3.47 -5.42 | 88.31 6.81 -7.89 | 53.59 3.93 -4.71 | 59.66 3.46 -20.17 | 46.52 3.53 -9.98 | 37.46 3.57 -1.76 | 38.82 3.68 0.00 | 37.54 3.58 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 38.18 1.03 0.00 | 30.41 1.15 0.00 | 28.62 0.73 0.00 | 29.63 0.79 0.00 | 30.50 0.76 0.00 | 35.38 1.21 0.00 | 40.07 1.69 0.00 | 61.99 2.52 0.00 | 34.80 1.30 0.00 | 29.09 0.73 0.00 | 29.72 1.59 0.00 | 29.12 1.79 0.00 | 30.38 1.99 0.00 | 31.85 1.76 0.00 | 36.16 1.55 0.00 | 39.18 2.18 0.00 | 49.95 3.04 -5.42 | 87.88 6.38 -7.89 | 53.35 3.70 -4.71 | 59.46 3.26 -20.17 | 46.48 3.49 -9.98 | 37.48 3.58 -1.76 | 38.82 3.67 0.00 | 37.60 3.63 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 38.42 1.26 0.00 | 30.35 1.08 0.00 | 28.93 1.04 0.00 | 29.98 1.13 0.00 | 31.00 1.27 0.00 | 35.72 1.56 0.00 | 40.32 1.93 0.00 | 62.55 3.08 0.00 | 35.13 1.63 0.00 | 29.36 1.00 0.00 | 29.09 0.96 0.00 | 28.19 0.86 0.00 | 29.31 0.92 0.00 | 31.21 1.12 0.00 | 35.78 1.18 0.00 | 38.29 1.29 0.00 | 42.96 1.47 0.00 | 76.29 2.68 0.00 | 46.69 1.75 0.00 | 37.54 1.51 0.00 | 34.43 1.43 0.00 | 33.60 1.47 0.00 | 36.69 1.54 0.00 | 35.31 1.34 0.00 |
| ST LAWRENCE____ 23600 | 34.73 -2.43 0.00 | 27.42 -1.85 0.00 | 26.01 -1.88 0.00 | 26.85 -2.00 0.00 | 27.39 -2.35 0.00 | 31.70 -2.47 0.00 | 35.96 -2.44 0.00 | 55.50 -3.96 0.00 | 31.08 -2.42 0.00 | 27.21 -1.15 0.00 | 27.31 -0.82 0.00 | 26.81 -0.52 0.00 | 28.06 -0.33 0.00 | 29.65 -0.44 0.00 | 34.17 -0.44 0.00 | 36.17 -0.82 0.00 | 40.68 -0.81 0.00 | 72.08 -1.53 0.00 | 43.92 -1.02 0.00 | 34.93 -1.09 0.00 | 32.02 -0.98 0.00 | 31.03 -1.11 0.00 | 34.48 -0.66 0.00 | 33.27 -0.69 0.00 |
| STATE_CA_115KV_115_LB 55624 | 37.77 0.61 0.00 | 29.82 0.56 0.00 | 28.42 0.53 0.00 | 29.38 0.53 0.00 | 30.29 0.56 0.00 | 34.92 0.75 0.00 | 39.39 1.00 0.00 | 61.02 1.55 0.00 | 34.37 0.86 0.00 | 28.98 0.61 0.00 | 28.74 0.61 0.00 | 27.93 0.60 0.00 | 28.96 0.57 0.00 | 30.71 0.62 0.00 | 35.32 0.71 0.00 | 37.83 0.83 0.00 | 42.31 0.82 0.00 | 75.01 1.40 0.00 | 45.83 0.89 0.00 | 36.83 0.80 0.00 | 33.77 0.76 0.00 | 32.94 0.80 0.00 | 35.83 0.69 0.00 | 34.57 0.61 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| STATE_ST_34_KV_LOAD 55959 | 37.52 0.37 0.00 | 29.51 0.25 0.00 | 28.20 0.31 0.00 | 29.21 0.37 0.00 | 30.14 0.41 0.00 | 34.49 0.33 0.00 | 38.67 0.28 0.00 | 60.14 0.67 0.00 | 33.88 0.37 0.00 | 28.60 0.24 0.00 | 28.18 0.05 0.00 | 27.40 0.07 0.00 | 28.51 0.12 0.00 | 30.10 0.01 0.00 | 34.49 -0.12 0.00 | 36.96 -0.04 0.00 | 41.69 0.20 0.00 | 74.00 0.39 0.00 | 44.98 0.04 0.00 | 36.07 0.05 0.00 | 32.91 -0.09 0.00 | 32.09 -0.05 0.00 | 35.21 0.07 0.00 | 33.98 0.02 0.00 |
| STATION 5_MISC_HYD 23604 | 36.89 -0.27 0.00 | 28.81 -0.45 0.00 | 27.56 -0.33 0.00 | 28.56 -0.28 0.00 | 29.46 -0.28 0.00 | 33.74 -0.42 0.00 | 37.55 -0.84 0.00 | 58.21 -1.26 0.00 | 32.91 -0.59 0.00 | 27.87 -0.49 0.00 | 27.61 -0.52 0.00 | 26.83 -0.49 0.00 | 27.99 -0.40 0.00 | 29.40 -0.68 0.00 | 33.82 -0.79 0.00 | 35.91 -1.09 0.00 | 40.07 -1.21 0.21 | 71.29 -2.32 0.00 | 43.32 -1.62 0.00 | 34.56 -1.47 0.00 | 31.65 -1.35 0.00 | 30.76 -1.37 0.00 | 33.99 -1.16 0.00 | 33.09 -0.88 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 37.28 0.12 0.00 | 29.15 -0.11 0.00 | 27.88 -0.02 0.00 | 28.89 0.04 0.00 | 29.82 0.09 0.00 | 34.25 0.08 0.00 | 38.28 -0.11 0.00 | 59.39 -0.07 0.00 | 33.54 0.04 0.00 | 28.32 -0.04 0.00 | 28.03 -0.10 0.00 | 27.21 -0.12 0.00 | 28.37 -0.02 0.00 | 29.84 -0.26 0.00 | 34.36 -0.25 0.00 | 36.62 -0.38 0.00 | 41.12 -0.36 0.00 | 72.87 -0.74 0.00 | 44.33 -0.61 0.00 | 35.40 -0.63 0.00 | 32.38 -0.62 0.00 | 31.43 -0.71 0.00 | 34.57 -0.57 0.00 | 33.57 -0.39 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 36.70 -0.46 0.00 | 28.68 -0.58 0.00 | 27.42 -0.47 0.00 | 28.42 -0.42 0.00 | 29.32 -0.42 0.00 | 33.59 -0.57 0.00 | 37.41 -0.98 0.00 | 57.99 -1.48 0.00 | 32.79 -0.71 0.00 | 27.77 -0.59 0.00 | 27.51 -0.62 0.00 | 26.74 -0.59 0.00 | 27.88 -0.50 0.00 | 29.30 -0.79 0.00 | 33.70 -0.90 0.00 | 35.81 -1.19 0.00 | 40.18 -1.30 0.00 | 71.10 -2.50 0.00 | 43.24 -1.71 0.00 | 34.48 -1.54 0.00 | 31.58 -1.42 0.00 | 30.69 -1.44 0.00 | 33.89 -1.26 0.00 | 32.96 -1.01 0.00 |
| STA_56___34_KV_BUS2 355983 | 36.70 -0.46 0.00 | 28.68 -0.58 0.00 | 27.42 -0.47 0.00 | 28.42 -0.42 0.00 | 29.32 -0.42 0.00 | 33.59 -0.57 0.00 | 37.41 -0.98 0.00 | 57.99 -1.48 0.00 | 32.79 -0.71 0.00 | 27.77 -0.59 0.00 | 27.51 -0.62 0.00 | 26.74 -0.59 0.00 | 27.88 -0.50 0.00 | 29.30 -0.79 0.00 | 33.70 -0.90 0.00 | 35.81 -1.19 0.00 | 40.18 -1.30 0.00 | 71.10 -2.50 0.00 | 43.24 -1.71 0.00 | 34.48 -1.54 0.00 | 31.58 -1.42 0.00 | 30.69 -1.44 0.00 | 33.89 -1.26 0.00 | 32.96 -1.01 0.00 |
| STA_67___115KV_BK2 355882 | 36.81 -0.34 0.00 | 28.76 -0.50 0.00 | 27.50 -0.39 0.00 | 28.51 -0.34 0.00 | 29.40 -0.33 0.00 | 33.69 -0.48 0.00 | 37.46 -0.93 0.00 | 58.07 -1.39 0.00 | 32.84 -0.66 0.00 | 27.80 -0.56 0.00 | 27.55 -0.58 0.00 | 26.77 -0.55 0.00 | 27.93 -0.45 0.00 | 29.33 -0.76 0.00 | 33.75 -0.86 0.00 | 35.83 -1.17 0.00 | 40.20 -1.29 0.00 | 71.08 -2.52 0.00 | 43.23 -1.72 0.00 | 34.47 -1.55 0.00 | 31.58 -1.43 0.00 | 30.69 -1.44 0.00 | 33.91 -1.23 0.00 | 33.02 -0.94 0.00 |
| STA_7___115KV_9TRANS 80674 | 37.05 -0.11 0.00 | 28.93 -0.33 0.00 | 27.67 -0.22 0.00 | 28.68 -0.17 0.00 | 29.58 -0.16 0.00 | 33.91 -0.26 0.00 | 37.74 -0.65 0.00 | 58.51 -0.95 0.00 | 33.08 -0.42 0.00 | 28.00 -0.36 0.00 | 27.73 -0.40 0.00 | 26.96 -0.36 0.00 | 28.12 -0.27 0.00 | 29.53 -0.56 0.00 | 33.98 -0.63 0.00 | 36.10 -0.90 0.00 | 40.53 -0.96 0.00 | 71.70 -1.90 0.00 | 43.59 -1.36 0.00 | 34.76 -1.26 0.00 | 31.83 -1.17 0.00 | 30.93 -1.21 0.00 | 34.15 -0.99 0.00 | 33.23 -0.74 0.00 |
| STA_82___115KV_TB1 80780 | 36.83 -0.33 0.00 | 28.77 -0.49 0.00 | 27.52 -0.37 0.00 | 28.51 -0.33 0.00 | 29.42 -0.32 0.00 | 33.70 -0.47 0.00 | 37.48 -0.91 0.00 | 58.10 -1.37 0.00 | 32.85 -0.65 0.00 | 27.81 -0.55 0.00 | 27.55 -0.57 0.00 | 26.78 -0.55 0.00 | 27.94 -0.45 0.00 | 29.34 -0.75 0.00 | 33.75 -0.86 0.00 | 35.84 -1.15 0.00 | 40.22 -1.26 0.00 | 71.13 -2.47 0.00 | 43.24 -1.71 0.00 | 34.49 -1.54 0.00 | 31.59 -1.41 0.00 | 30.71 -1.43 0.00 | 33.93 -1.22 0.00 | 33.02 -0.94 0.00 |
| STEEL___WIND 323596 | 37.39 0.23 0.00 | 29.06 -0.20 0.00 | 27.89 0.00 0.00 | 28.94 0.09 0.00 | 29.85 0.12 0.00 | 34.09 -0.08 0.00 | 37.58 -0.81 0.00 | 58.11 -1.35 0.00 | 33.00 -0.50 0.00 | 28.02 -0.34 0.00 | 27.76 -0.37 0.00 | 26.98 -0.34 0.00 | 28.25 -0.14 0.00 | 29.54 -0.55 0.00 | 33.95 -0.65 0.00 | 35.74 -1.26 0.00 | 39.53 -1.50 0.46 | 70.35 -3.26 0.00 | 42.64 -2.30 0.00 | 33.91 -2.12 0.00 | 31.15 -1.85 0.00 | 30.24 -1.89 0.00 | 33.63 -1.51 0.00 | 32.91 -1.06 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 38.02 0.86 0.00 | 29.99 0.73 0.00 | 28.59 0.70 0.00 | 29.56 0.71 0.00 | 30.47 0.74 0.00 | 35.23 1.07 0.00 | 39.78 1.39 0.00 | 61.61 2.14 0.00 | 34.60 1.10 0.00 | 29.14 0.78 0.00 | 28.89 0.76 0.00 | 28.05 0.72 0.00 | 29.10 0.71 0.00 | 30.92 0.83 0.00 | 35.55 0.95 0.00 | 38.02 1.02 0.00 | 42.65 1.16 0.00 | 75.76 2.16 0.00 | 46.25 1.31 0.00 | 37.13 1.10 0.00 | 34.03 1.03 0.00 | 33.21 1.07 0.00 | 36.07 0.93 0.00 | 34.75 0.78 0.00 |
| STEUBEN_REC_LFGE 323667 | 37.90 0.75 0.00 | 29.42 0.15 0.00 | 28.32 0.43 0.00 | 29.42 0.58 0.00 | 30.45 0.71 0.00 | 35.15 0.99 0.00 | 39.22 0.83 0.00 | 60.75 1.28 0.00 | 34.29 0.79 0.00 | 28.82 0.46 0.00 | 28.50 0.37 0.00 | 27.56 0.23 0.00 | 28.75 0.36 0.00 | 30.18 0.08 0.00 | 34.73 0.12 0.00 | 36.86 -0.14 0.00 | 41.30 -0.19 0.00 | 73.01 -0.60 0.00 | 44.30 -0.64 0.00 | 35.08 -0.95 0.00 | 31.87 -1.13 0.00 | 30.80 -1.33 0.00 | 33.76 -1.39 0.00 | 32.97 -0.99 0.00 |
| STILLWATER___SOLAR 323814 | 38.71 1.56 0.00 | 30.57 1.31 0.00 | 29.13 1.24 0.00 | 30.17 1.32 0.00 | 31.13 1.40 0.00 | 35.89 1.73 0.00 | 40.49 2.10 0.00 | 62.73 3.27 0.00 | 35.22 1.71 0.00 | 29.52 1.16 0.00 | 29.21 1.08 0.00 | 28.34 1.01 0.00 | 29.43 1.05 0.00 | 31.31 1.22 0.00 | 36.05 1.44 0.00 | 38.64 1.65 0.00 | 43.33 1.84 0.00 | 76.86 3.25 0.00 | 47.00 2.06 0.00 | 37.76 1.74 0.00 | 34.64 1.64 0.00 | 33.77 1.64 0.00 | 36.79 1.65 0.00 | 35.46 1.50 0.00 |
| STONY___BROOK 24151 | 39.57 2.41 0.00 | 31.30 2.04 0.00 | 29.55 1.66 0.00 | 30.57 1.73 0.00 | 31.51 1.77 0.00 | 36.46 2.30 0.00 | 41.24 2.85 0.00 | 63.84 4.38 0.00 | 35.95 2.45 0.00 | 30.25 1.88 0.00 | 30.41 2.28 0.00 | 29.48 2.16 0.00 | 30.71 2.33 0.00 | 32.44 2.35 0.00 | 37.06 2.46 0.00 | 39.85 2.85 0.00 | 50.29 3.36 -5.44 | 87.64 6.09 -7.94 | 53.33 3.65 -4.73 | 59.37 3.08 -20.26 | 45.91 2.87 -10.04 | 36.70 2.80 -1.76 | 37.85 2.71 0.00 | 36.54 2.58 0.00 |
| STURGEON_POOL_HYD 23609 | 38.98 1.83 0.00 | 30.67 1.41 0.00 | 29.11 1.22 0.00 | 30.06 1.21 0.00 | 31.08 1.35 0.00 | 35.90 1.73 0.00 | 40.53 2.14 0.00 | 62.92 3.45 0.00 | 35.54 2.04 0.00 | 30.17 1.81 0.00 | 29.90 1.78 0.00 | 29.00 1.68 0.00 | 30.11 1.72 0.00 | 31.83 1.74 0.00 | 36.56 1.95 0.00 | 39.03 2.03 0.00 | 43.76 2.27 0.00 | 77.86 4.25 0.00 | 47.60 2.66 0.00 | 38.20 2.17 0.00 | 34.90 1.90 0.00 | 33.95 1.81 0.00 | 36.77 1.63 0.00 | 35.49 1.53 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 34.73 -2.43 0.00 | 27.41 -1.85 0.00 | 26.00 -1.89 0.00 | 26.83 -2.01 0.00 | 27.37 -2.36 0.00 | 31.68 -2.48 0.00 | 35.95 -2.44 0.00 | 55.48 -3.98 0.00 | 31.06 -2.45 0.00 | 27.20 -1.16 0.00 | 27.30 -0.83 0.00 | 26.81 -0.52 0.00 | 28.06 -0.33 0.00 | 29.65 -0.43 0.00 | 34.18 -0.43 0.00 | 36.18 -0.82 0.00 | 40.69 -0.79 0.00 | 72.12 -1.49 0.00 | 43.95 -1.00 0.00 | 34.93 -1.09 0.00 | 32.03 -0.98 0.00 | 31.03 -1.11 0.00 | 34.50 -0.64 0.00 | 33.28 -0.69 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ST_LAW_115_BK8_LBMP 345038 | 34.73 -2.43 0.00 | 27.41 -1.85 0.00 | 26.00 -1.89 0.00 | 26.83 -2.01 0.00 | 27.37 -2.36 0.00 | 31.68 -2.48 0.00 | 35.95 -2.44 0.00 | 55.48 -3.98 0.00 | 31.06 -2.45 0.00 | 27.20 -1.16 0.00 | 27.30 -0.83 0.00 | 26.81 -0.52 0.00 | 28.06 -0.33 0.00 | 29.65 -0.43 0.00 | 34.18 -0.43 0.00 | 36.18 -0.82 0.00 | 40.69 -0.79 0.00 | 72.12 -1.49 0.00 | 43.95 -1.00 0.00 | 34.93 -1.09 0.00 | 32.03 -0.98 0.00 | 31.03 -1.11 0.00 | 34.50 -0.64 0.00 | 33.28 -0.69 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 34.73 -2.43 0.00 | 27.42 -1.85 0.00 | 26.01 -1.88 0.00 | 26.85 -2.00 0.00 | 27.39 -2.35 0.00 | 31.70 -2.47 0.00 | 35.96 -2.44 0.00 | 55.50 -3.96 0.00 | 31.08 -2.42 0.00 | 27.21 -1.15 0.00 | 27.31 -0.82 0.00 | 26.81 -0.52 0.00 | 28.06 -0.33 0.00 | 29.65 -0.44 0.00 | 34.17 -0.44 0.00 | 36.17 -0.82 0.00 | 40.68 -0.81 0.00 | 72.08 -1.53 0.00 | 43.92 -1.02 0.00 | 34.93 -1.09 0.00 | 32.02 -0.98 0.00 | 31.03 -1.11 0.00 | 34.48 -0.66 0.00 | 33.27 -0.69 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 34.73 -2.43 0.00 | 27.42 -1.85 0.00 | 26.01 -1.88 0.00 | 26.85 -2.00 0.00 | 27.39 -2.35 0.00 | 31.70 -2.47 0.00 | 35.96 -2.44 0.00 | 55.50 -3.96 0.00 | 31.08 -2.42 0.00 | 27.21 -1.15 0.00 | 27.31 -0.82 0.00 | 26.81 -0.52 0.00 | 28.06 -0.33 0.00 | 29.65 -0.44 0.00 | 34.17 -0.44 0.00 | 36.17 -0.82 0.00 | 40.68 -0.81 0.00 | 72.08 -1.53 0.00 | 43.92 -1.02 0.00 | 34.93 -1.09 0.00 | 32.02 -0.98 0.00 | 31.03 -1.11 0.00 | 34.48 -0.66 0.00 | 33.27 -0.69 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 38.96 1.80 0.00 | 30.64 1.38 0.00 | 29.08 1.19 0.00 | 30.04 1.20 0.00 | 31.06 1.33 0.00 | 35.90 1.74 0.00 | 40.51 2.12 0.00 | 62.87 3.41 0.00 | 35.43 1.93 0.00 | 30.02 1.65 0.00 | 29.79 1.66 0.00 | 28.92 1.59 0.00 | 30.02 1.63 0.00 | 31.69 1.59 0.00 | 36.40 1.80 0.00 | 38.86 1.86 0.00 | 43.58 2.09 0.00 | 77.54 3.93 0.00 | 47.38 2.44 0.00 | 38.01 1.98 0.00 | 34.74 1.74 0.00 | 33.81 1.67 0.00 | 36.64 1.50 0.00 | 35.37 1.41 0.00 |
| SWANROAD_115KV_TB1 355699 | 36.04 -1.12 0.00 | 28.04 -1.22 0.00 | 26.88 -1.01 0.00 | 27.91 -0.93 0.00 | 28.75 -0.98 0.00 | 32.81 -1.36 0.00 | 35.93 -2.46 0.00 | 55.42 -4.04 0.00 | 31.55 -1.95 0.00 | 26.78 -1.58 0.00 | 26.56 -1.57 0.00 | 25.82 -1.51 0.00 | 27.02 -1.37 0.00 | 28.26 -1.83 0.00 | 32.47 -2.14 0.00 | 34.17 -2.83 0.00 | 38.24 -3.25 0.00 | 67.11 -6.49 0.00 | 40.69 -4.25 0.00 | 32.40 -3.63 0.00 | 29.78 -3.22 0.00 | 28.98 -3.15 0.00 | 32.36 -2.79 0.00 | 31.91 -2.05 0.00 |
| SYNERGY___BIOGAS 323694 | 37.52 0.36 0.00 | 29.22 -0.04 0.00 | 28.00 0.11 0.00 | 29.05 0.20 0.00 | 29.98 0.25 0.00 | 34.34 0.18 0.00 | 38.01 -0.38 0.00 | 59.12 -0.34 0.00 | 33.49 -0.01 0.00 | 28.25 -0.11 0.00 | 27.90 -0.24 0.00 | 27.05 -0.27 0.00 | 28.26 -0.13 0.00 | 29.62 -0.47 0.00 | 34.20 -0.41 0.00 | 36.35 -0.65 0.00 | 40.53 -0.65 0.31 | 72.10 -1.51 0.00 | 43.73 -1.21 0.00 | 34.78 -1.24 0.00 | 31.88 -1.13 0.00 | 30.95 -1.18 0.00 | 34.29 -0.85 0.00 | 33.53 -0.44 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 37.22 0.06 0.00 | 29.23 -0.03 0.00 | 27.91 0.02 0.00 | 28.88 0.04 0.00 | 29.77 0.04 0.00 | 34.14 -0.03 0.00 | 38.27 -0.12 0.00 | 59.33 -0.13 0.00 | 33.42 -0.08 0.00 | 28.25 -0.11 0.00 | 28.01 -0.12 0.00 | 27.19 -0.13 0.00 | 28.26 -0.13 0.00 | 29.82 -0.27 0.00 | 34.29 -0.32 0.00 | 36.71 -0.28 0.00 | 41.26 -0.23 0.00 | 73.21 -0.40 0.00 | 44.64 -0.31 0.00 | 35.74 -0.29 0.00 | 32.72 -0.28 0.00 | 31.85 -0.29 0.00 | 34.95 -0.19 0.00 | 33.82 -0.15 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 37.22 0.06 0.00 | 29.23 -0.03 0.00 | 27.91 0.02 0.00 | 28.88 0.04 0.00 | 29.77 0.04 0.00 | 34.14 -0.03 0.00 | 38.27 -0.12 0.00 | 59.33 -0.13 0.00 | 33.42 -0.08 0.00 | 28.25 -0.11 0.00 | 28.01 -0.12 0.00 | 27.19 -0.13 0.00 | 28.26 -0.13 0.00 | 29.82 -0.27 0.00 | 34.29 -0.32 0.00 | 36.71 -0.28 0.00 | 41.26 -0.23 0.00 | 73.21 -0.40 0.00 | 44.64 -0.31 0.00 | 35.74 -0.29 0.00 | 32.72 -0.28 0.00 | 31.85 -0.29 0.00 | 34.95 -0.19 0.00 | 33.82 -0.15 0.00 |
| SYRACUSE___POWER 24017 | 37.23 0.07 0.00 | 29.23 -0.03 0.00 | 27.90 0.01 0.00 | 28.86 0.02 0.00 | 29.77 0.03 0.00 | 34.17 0.00 0.00 | 38.32 -0.07 0.00 | 59.38 -0.08 0.00 | 33.44 -0.06 0.00 | 28.26 -0.10 0.00 | 28.03 -0.10 0.00 | 27.20 -0.13 0.00 | 28.27 -0.12 0.00 | 29.83 -0.26 0.00 | 34.31 -0.29 0.00 | 36.74 -0.26 0.00 | 41.28 -0.21 0.00 | 73.24 -0.37 0.00 | 44.67 -0.27 0.00 | 35.74 -0.28 0.00 | 32.74 -0.26 0.00 | 31.84 -0.29 0.00 | 34.93 -0.21 0.00 | 33.82 -0.15 0.00 |
| TALLMAN___138KV_BK151 55660 | 39.06 1.91 0.00 | 30.70 1.44 0.00 | 29.12 1.23 0.00 | 30.08 1.23 0.00 | 31.10 1.37 0.00 | 35.98 1.82 0.00 | 40.58 2.19 0.00 | 62.99 3.52 0.00 | 35.49 1.99 0.00 | 30.11 1.75 0.00 | 29.92 1.79 0.00 | 29.05 1.73 0.00 | 30.15 1.77 0.00 | 31.83 1.74 0.00 | 36.54 1.94 0.00 | 38.99 1.99 0.00 | 43.69 2.20 0.00 | 77.79 4.18 0.00 | 47.53 2.59 0.00 | 38.12 2.09 0.00 | 34.84 1.84 0.00 | 33.90 1.77 0.00 | 36.70 1.56 0.00 | 35.44 1.48 0.00 |
| TEALLAVE_115KV_TB7 355573 | 37.03 -0.13 0.00 | 29.08 -0.18 0.00 | 27.75 -0.14 0.00 | 28.72 -0.13 0.00 | 29.62 -0.12 0.00 | 33.96 -0.20 0.00 | 38.06 -0.32 0.00 | 59.00 -0.46 0.00 | 33.23 -0.27 0.00 | 28.12 -0.24 0.00 | 27.89 -0.24 0.00 | 27.07 -0.26 0.00 | 28.13 -0.26 0.00 | 29.68 -0.41 0.00 | 34.13 -0.47 0.00 | 36.52 -0.48 0.00 | 41.00 -0.49 0.00 | 72.74 -0.87 0.00 | 44.36 -0.58 0.00 | 35.49 -0.53 0.00 | 32.51 -0.49 0.00 | 31.64 -0.50 0.00 | 34.73 -0.41 0.00 | 33.63 -0.34 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 36.89 -0.27 0.00 | 28.71 -0.55 0.00 | 27.53 -0.37 0.00 | 28.55 -0.29 0.00 | 29.45 -0.29 0.00 | 33.68 -0.48 0.00 | 37.08 -1.31 0.00 | 57.62 -1.84 0.00 | 32.75 -0.75 0.00 | 27.75 -0.61 0.00 | 27.47 -0.66 0.00 | 26.67 -0.65 0.00 | 27.90 -0.49 0.00 | 29.20 -0.89 0.00 | 33.62 -0.98 0.00 | 35.54 -1.46 0.00 | 39.87 -1.62 0.00 | 70.11 -3.50 0.00 | 42.52 -2.42 0.00 | 33.84 -2.19 0.00 | 31.05 -1.95 0.00 | 30.17 -1.96 0.00 | 33.53 -1.61 0.00 | 32.89 -1.08 0.00 |
| TEMPLE___115KV_TB 2 55572 | 37.05 -0.11 0.00 | 29.10 -0.17 0.00 | 27.77 -0.12 0.00 | 28.73 -0.12 0.00 | 29.63 -0.10 0.00 | 33.98 -0.18 0.00 | 38.09 -0.30 0.00 | 59.02 -0.44 0.00 | 33.26 -0.24 0.00 | 28.13 -0.23 0.00 | 27.91 -0.22 0.00 | 27.08 -0.24 0.00 | 28.14 -0.25 0.00 | 29.71 -0.38 0.00 | 34.16 -0.45 0.00 | 36.54 -0.46 0.00 | 41.04 -0.45 0.00 | 72.76 -0.85 0.00 | 44.37 -0.57 0.00 | 35.52 -0.51 0.00 | 32.53 -0.48 0.00 | 31.65 -0.49 0.00 | 34.75 -0.40 0.00 | 33.64 -0.32 0.00 |
| TIANA____69_KV_BK 1 55817 | 39.31 2.16 0.00 | 31.29 2.03 0.00 | 29.46 1.56 0.00 | 30.50 1.65 0.00 | 31.38 1.65 0.00 | 36.34 2.18 0.00 | 40.99 2.60 0.00 | 63.28 3.81 0.00 | 35.59 2.09 0.00 | 29.78 1.42 0.00 | 30.27 2.14 0.00 | 29.41 2.08 0.00 | 30.74 2.36 0.00 | 32.31 2.22 0.00 | 36.66 2.05 0.00 | 39.70 2.69 0.00 | 50.39 3.48 -5.42 | 87.82 6.33 -7.89 | 53.26 3.61 -4.71 | 59.43 3.23 -20.17 | 46.11 3.12 -9.98 | 37.04 3.15 -1.76 | 38.42 3.27 0.00 | 37.10 3.13 0.00 |
| TILDEN___115KV_TB1 80814 | 37.23 0.07 0.00 | 29.23 -0.03 0.00 | 27.90 0.01 0.00 | 28.86 0.02 0.00 | 29.77 0.03 0.00 | 34.17 0.00 0.00 | 38.32 -0.07 0.00 | 59.38 -0.08 0.00 | 33.44 -0.06 0.00 | 28.26 -0.10 0.00 | 28.03 -0.10 0.00 | 27.20 -0.13 0.00 | 28.27 -0.12 0.00 | 29.83 -0.26 0.00 | 34.31 -0.29 0.00 | 36.74 -0.26 0.00 | 41.28 -0.21 0.00 | 73.24 -0.37 0.00 | 44.67 -0.27 0.00 | 35.74 -0.28 0.00 | 32.74 -0.26 0.00 | 31.84 -0.29 0.00 | 34.93 -0.21 0.00 | 33.82 -0.15 0.00 |

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| TRIGEN___CC 323695 | 39.35 2.19 0.00 | 31.02 1.76 0.00 | 29.36 1.47 0.00 | 30.36 1.51 0.00 | 31.35 1.62 0.00 | 36.24 2.08 0.00 | 40.95 2.56 0.00 | 63.52 4.06 0.00 | 35.84 2.34 0.00 | 30.32 1.96 0.00 | 30.26 2.13 0.00 | 29.35 2.02 0.00 | 30.51 2.13 0.00 | 32.27 2.18 0.00 | 36.96 2.35 0.00 | 39.48 2.48 -0.01 | 53.81 2.74 -9.58 | 94.20 5.00 -15.60 | 56.35 3.08 -8.33 | 74.19 2.49 -35.68 | 55.75 2.28 -20.47 | 37.48 2.24 -3.11 | 37.21 2.06 0.00 | 35.92 1.96 0.00 |
| TRINITY___115KV___4 BK 55933 | 37.64 0.49 0.00 | 29.73 0.47 0.00 | 28.33 0.44 0.00 | 29.28 0.43 0.00 | 30.19 0.45 0.00 | 34.79 0.63 0.00 | 39.23 0.84 0.00 | 60.77 1.31 0.00 | 34.23 0.73 0.00 | 28.86 0.50 0.00 | 28.63 0.51 0.00 | 27.83 0.50 0.00 | 28.85 0.46 0.00 | 30.59 0.50 0.00 | 35.16 0.56 0.00 | 37.64 0.64 0.00 | 42.09 0.61 0.00 | 74.62 1.01 0.00 | 45.60 0.66 0.00 | 36.65 0.62 0.00 | 33.61 0.61 0.00 | 32.80 0.67 0.00 | 35.69 0.55 0.00 | 34.44 0.47 0.00 |
| UNION___PROCESSING_DRP 323587 | 36.83 -0.33 0.00 | 28.77 -0.49 0.00 | 27.53 -0.37 0.00 | 28.52 -0.33 0.00 | 29.42 -0.32 0.00 | 33.70 -0.46 0.00 | 37.49 -0.90 0.00 | 58.12 -1.34 0.00 | 32.87 -0.64 0.00 | 27.82 -0.54 0.00 | 27.56 -0.57 0.00 | 26.79 -0.54 0.00 | 27.94 -0.45 0.00 | 29.34 -0.75 0.00 | 33.76 -0.85 0.00 | 35.84 -1.15 0.00 | 40.24 -1.25 0.00 | 71.16 -2.45 0.00 | 43.26 -1.69 0.00 | 34.50 -1.53 0.00 | 31.59 -1.41 0.00 | 30.72 -1.42 0.00 | 33.94 -1.21 0.00 | 33.04 -0.93 0.00 |
| UPPER HUDSON___HYD 24058 | 38.42 1.26 0.00 | 30.35 1.08 0.00 | 28.93 1.04 0.00 | 29.98 1.13 0.00 | 31.00 1.27 0.00 | 35.72 1.56 0.00 | 40.32 1.93 0.00 | 62.55 3.08 0.00 | 35.13 1.63 0.00 | 29.36 1.00 0.00 | 29.09 0.96 0.00 | 28.18 0.86 0.00 | 29.31 0.92 0.00 | 31.21 1.12 0.00 | 35.78 1.18 0.00 | 38.29 1.29 0.00 | 42.96 1.47 0.00 | 76.29 2.68 0.00 | 46.69 1.75 0.00 | 37.54 1.52 0.00 | 34.43 1.43 0.00 | 33.60 1.47 0.00 | 36.69 1.54 0.00 | 35.31 1.34 0.00 |
| UPPER RAQUET___HYD 24056 | 35.52 -1.64 0.00 | 28.01 -1.25 0.00 | 26.54 -1.36 0.00 | 27.38 -1.46 0.00 | 27.97 -1.77 0.00 | 32.40 -1.76 0.00 | 36.86 -1.53 0.00 | 56.98 -2.49 0.00 | 32.00 -1.50 0.00 | 27.85 -0.51 0.00 | 27.82 -0.31 0.00 | 27.28 -0.05 0.00 | 28.55 0.16 0.00 | 30.15 0.06 0.00 | 34.80 0.19 0.00 | 37.02 0.03 0.00 | 41.90 0.41 0.00 | 74.48 0.87 0.00 | 45.41 0.46 0.00 | 36.09 0.06 0.00 | 33.03 0.02 0.00 | 31.89 -0.24 0.00 | 35.33 0.18 0.00 | 34.00 0.04 0.00 |
| VALLEY44_115KV_TB2 355964 | 38.24 1.08 0.00 | 29.63 0.37 0.00 | 28.39 0.50 0.00 | 29.50 0.65 0.00 | 30.46 0.73 0.00 | 34.76 0.59 0.00 | 38.44 0.05 0.00 | 59.65 0.19 0.00 | 33.76 0.26 0.00 | 28.89 0.53 0.00 | 28.73 0.60 0.00 | 28.03 0.70 0.00 | 29.38 1.00 0.00 | 30.62 0.53 0.00 | 34.99 0.38 0.00 | 36.62 -0.38 0.00 | 40.98 -0.51 0.00 | 72.28 -1.33 0.00 | 43.83 -1.11 0.00 | 34.89 -1.14 0.00 | 31.95 -1.05 0.00 | 31.16 -0.98 0.00 | 34.37 -0.77 0.00 | 33.67 -0.29 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 36.99 -0.16 0.00 | 29.20 -0.06 0.00 | 27.91 0.02 0.00 | 28.91 0.07 0.00 | 29.80 0.06 0.00 | 34.31 0.15 0.00 | 38.92 0.53 0.00 | 60.49 1.02 0.00 | 33.82 0.32 0.00 | 28.38 0.02 0.00 | 28.10 -0.03 0.00 | 27.31 -0.01 0.00 | 28.40 0.01 0.00 | 30.14 0.06 0.00 | 34.81 0.21 0.00 | 37.49 0.50 0.00 | 42.15 0.66 0.00 | 74.89 1.28 0.00 | 45.78 0.83 0.00 | 36.72 0.70 0.00 | 33.67 0.67 0.00 | 32.78 0.65 0.00 | 35.57 0.42 0.00 | 34.03 0.07 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 39.07 1.91 0.00 | 30.72 1.46 0.00 | 29.25 1.36 0.00 | 30.26 1.41 0.00 | 31.27 1.53 0.00 | 36.10 1.94 0.00 | 40.69 2.30 0.00 | 63.02 3.55 0.00 | 35.46 1.96 0.00 | 29.95 1.58 0.00 | 29.74 1.61 0.00 | 28.87 1.54 0.00 | 29.98 1.60 0.00 | 31.61 1.52 0.00 | 36.36 1.75 0.00 | 38.89 1.89 0.00 | 43.63 2.15 0.00 | 77.52 3.91 0.00 | 47.32 2.38 0.00 | 37.90 1.88 0.00 | 34.66 1.66 0.00 | 33.65 1.52 0.00 | 36.66 1.52 0.00 | 35.40 1.43 0.00 |
| VISCHER___FERRY HYD 24020 | 38.42 1.26 0.00 | 30.37 1.11 0.00 | 28.94 1.04 0.00 | 29.94 1.09 0.00 | 30.86 1.13 0.00 | 35.55 1.39 0.00 | 40.10 1.71 0.00 | 62.09 2.62 0.00 | 34.94 1.44 0.00 | 29.37 1.01 0.00 | 29.09 0.96 0.00 | 28.23 0.90 0.00 | 29.31 0.92 0.00 | 31.16 1.07 0.00 | 35.83 1.23 0.00 | 38.34 1.35 0.00 | 42.87 1.38 0.00 | 75.99 2.38 0.00 | 46.46 1.52 0.00 | 37.36 1.34 0.00 | 34.31 1.30 0.00 | 33.48 1.35 0.00 | 36.44 1.30 0.00 | 35.16 1.19 0.00 |
| V_A_10_SYNC_DSASP 323832 | 36.29 -0.87 0.00 | 28.28 -0.98 0.00 | 27.09 -0.80 0.00 | 28.10 -0.75 0.00 | 28.96 -0.77 0.00 | 33.09 -1.08 0.00 | 36.55 -1.84 0.00 | 56.53 -2.94 0.00 | 32.06 -1.45 0.00 | 27.22 -1.14 0.00 | 27.01 -1.12 0.00 | 26.27 -1.05 0.00 | 27.46 -0.92 0.00 | 28.77 -1.32 0.00 | 33.02 -1.58 0.00 | 34.83 -2.17 0.00 | 38.62 -2.53 0.33 | 68.75 -4.86 0.00 | 41.73 -3.21 0.00 | 33.24 -2.79 0.00 | 30.50 -2.50 0.00 | 29.69 -2.44 0.00 | 32.97 -2.18 0.00 | 32.27 -1.70 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 34.94 -2.21 0.00 | 27.57 -1.69 0.00 | 26.16 -1.73 0.00 | 27.00 -1.84 0.00 | 27.54 -2.20 0.00 | 31.88 -2.28 0.00 | 36.18 -2.21 0.00 | 55.82 -3.65 0.00 | 31.24 -2.26 0.00 | 27.36 -1.00 0.00 | 27.46 -0.67 0.00 | 26.97 -0.36 0.00 | 28.23 -0.16 0.00 | 29.83 -0.26 0.00 | 34.38 -0.23 0.00 | 36.39 -0.60 0.00 | 40.93 -0.56 0.00 | 72.52 -1.09 0.00 | 44.19 -0.75 0.00 | 35.14 -0.89 0.00 | 32.22 -0.78 0.00 | 31.20 -0.94 0.00 | 34.70 -0.45 0.00 | 33.46 -0.50 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 34.83 -2.32 0.00 | 27.61 -1.65 0.00 | 26.22 -1.67 0.00 | 27.07 -1.78 0.00 | 27.58 -2.16 0.00 | 31.98 -2.19 0.00 | 36.35 -2.04 0.00 | 56.51 -2.96 0.00 | 31.70 -1.80 0.00 | 27.54 -0.82 0.00 | 27.91 -0.22 0.00 | 27.44 0.11 0.00 | 28.74 0.35 0.00 | 30.46 0.37 0.00 | 35.02 0.42 0.00 | 37.09 0.09 0.00 | 41.91 0.42 0.00 | 74.41 0.80 0.00 | 45.40 0.46 0.00 | 36.13 0.11 0.00 | 33.15 0.15 0.00 | 32.11 -0.03 0.00 | 35.48 0.33 0.00 | 34.11 0.14 0.00 |
| V_D_10_SYNC_DSASP 323841 | 35.19 -1.96 0.00 | 27.77 -1.49 0.00 | 26.33 -1.56 0.00 | 27.18 -1.67 0.00 | 27.73 -2.00 0.00 | 32.11 -2.05 0.00 | 36.45 -1.94 0.00 | 56.27 -3.20 0.00 | 31.50 -2.01 0.00 | 27.55 -0.81 0.00 | 27.62 -0.51 0.00 | 27.13 -0.20 0.00 | 28.39 0.00 0.00 | 30.00 -0.09 0.00 | 34.59 -0.01 0.00 | 36.64 -0.36 0.00 | 41.27 -0.22 0.00 | 73.16 -0.45 0.00 | 44.58 -0.36 0.00 | 35.44 -0.59 0.00 | 32.48 -0.52 0.00 | 31.45 -0.69 0.00 | 34.94 -0.20 0.00 | 33.69 -0.27 0.00 |
| V_E_10_SYNC_DSASP 323830 | 39.79 2.63 0.00 | 31.35 2.09 0.00 | 29.86 1.97 0.00 | 30.99 2.15 0.00 | 32.05 2.32 0.00 | 37.24 3.08 0.00 | 42.34 3.95 0.00 | 65.69 6.23 0.00 | 36.70 3.20 0.00 | 30.64 2.28 0.00 | 30.20 2.07 0.00 | 29.22 1.89 0.00 | 30.33 1.94 0.00 | 31.98 1.89 0.00 | 37.17 2.56 0.00 | 40.28 3.28 0.00 | 45.67 4.07 -0.11 | 80.96 7.35 0.00 | 49.29 4.35 0.00 | 39.06 3.03 0.00 | 35.51 2.51 0.00 | 34.17 2.03 0.00 | 37.06 1.92 0.00 | 35.79 1.82 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 38.75 1.59 0.00 | 30.60 1.34 0.00 | 29.15 1.26 0.00 | 30.18 1.34 0.00 | 31.15 1.42 0.00 | 35.93 1.76 0.00 | 40.52 2.13 0.00 | 62.78 3.31 0.00 | 35.25 1.75 0.00 | 29.57 1.21 0.00 | 29.26 1.14 0.00 | 28.39 1.07 0.00 | 29.49 1.11 0.00 | 31.36 1.27 0.00 | 36.10 1.50 0.00 | 38.69 1.69 0.00 | 43.38 1.89 0.00 | 76.95 3.34 0.00 | 47.06 2.12 0.00 | 37.80 1.78 0.00 | 34.67 1.66 0.00 | 33.80 1.67 0.00 | 36.81 1.67 0.00 | 35.49 1.53 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 37.77 0.61 0.00 | 29.82 0.56 0.00 | 28.42 0.53 0.00 | 29.38 0.53 0.00 | 30.29 0.56 0.00 | 34.92 0.75 0.00 | 39.39 1.00 0.00 | 61.02 1.55 0.00 | 34.37 0.86 0.00 | 28.97 0.61 0.00 | 28.74 0.61 0.00 | 27.93 0.60 0.00 | 28.96 0.57 0.00 | 30.71 0.62 0.00 | 35.32 0.71 0.00 | 37.83 0.83 0.00 | 42.31 0.82 0.00 | 75.01 1.40 0.00 | 45.83 0.89 0.00 | 36.83 0.80 0.00 | 33.77 0.76 0.00 | 32.94 0.80 0.00 | 35.83 0.68 0.00 | 34.57 0.61 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 34.83 -2.32 0.00 | 27.61 -1.65 0.00 | 26.22 -1.67 0.00 | 27.07 -1.78 0.00 | 27.58 -2.16 0.00 | 31.98 -2.19 0.00 | 36.35 -2.04 0.00 | 56.51 -2.96 0.00 | 31.70 -1.80 0.00 | 27.54 -0.82 0.00 | 27.91 -0.22 0.00 | 27.44 0.11 0.00 | 28.74 0.35 0.00 | 30.46 0.37 0.00 | 35.02 0.42 0.00 | 37.09 0.09 0.00 | 41.91 0.42 0.00 | 74.41 0.80 0.00 | 45.40 0.46 0.00 | 36.13 0.11 0.00 | 33.15 0.15 0.00 | 32.11 -0.03 0.00 | 35.48 0.33 0.00 | 34.11 0.14 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 39.17 2.02 0.00 | 30.79 1.53 0.00 | 29.21 1.32 0.00 | 30.17 1.32 0.00 | 31.20 1.47 0.00 | 36.09 1.92 0.00 | 40.73 2.34 0.00 | 63.24 3.78 0.00 | 35.65 2.15 0.00 | 30.23 1.87 0.00 | 30.03 1.90 0.00 | 29.16 1.84 0.00 | 30.27 1.88 0.00 | 31.96 1.87 0.00 | 36.70 2.10 0.00 | 39.16 2.16 0.00 | 43.89 2.40 0.00 | 78.11 4.50 0.00 | 47.74 2.80 0.00 | 38.28 2.26 0.00 | 34.99 1.99 0.00 | 34.04 1.91 0.00 | 36.86 1.71 0.00 | 35.58 1.61 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 39.42 2.27 0.00 | 30.99 1.73 0.00 | 29.39 1.50 0.00 | 30.32 1.48 0.00 | 31.33 1.60 0.00 | 36.20 2.04 0.00 | 40.84 2.45 0.00 | 63.48 4.02 0.00 | 35.83 2.33 0.00 | 30.46 2.09 0.00 | 30.26 2.13 0.00 | 29.38 2.05 0.00 | 30.50 2.11 0.00 | 32.23 2.14 0.00 | 36.94 2.34 0.00 | 39.39 2.39 0.00 | 44.11 2.62 0.00 | 78.41 4.80 0.00 | 47.94 2.99 0.00 | 38.45 2.42 0.00 | 35.15 2.14 0.00 | 34.23 2.10 0.00 | 37.09 1.94 0.00 | 35.82 1.86 0.00 |
| W50THST__13_KV_LOAD 356117 | 39.65 2.49 0.00 | 31.16 1.90 0.00 | 29.53 1.64 0.00 | 30.48 1.64 0.00 | 31.50 1.76 0.00 | 36.39 2.23 0.00 | 41.04 2.65 0.00 | 63.79 4.33 0.00 | 36.04 2.53 0.00 | 30.64 2.28 0.00 | 30.46 2.33 0.00 | 29.58 2.25 0.00 | 30.72 2.33 0.00 | 32.45 2.36 0.00 | 37.19 2.58 0.00 | 39.63 2.63 0.00 | 44.38 2.89 0.00 | 78.86 5.26 0.00 | 48.20 3.25 0.00 | 38.66 2.63 0.00 | 35.32 2.31 0.00 | 34.39 2.25 0.00 | 37.26 2.12 0.00 | 36.00 2.03 0.00 |
| WADING RIVER_IC_1 23522 | 39.25 2.09 0.00 | 31.32 2.06 0.00 | 29.44 1.55 0.00 | 30.49 1.64 0.00 | 31.33 1.60 0.00 | 36.27 2.10 0.00 | 40.75 2.36 0.00 | 62.82 3.36 0.00 | 35.35 1.85 0.00 | 29.57 1.21 0.00 | 30.16 2.04 0.00 | 29.26 1.94 0.00 | 30.65 2.27 0.00 | 32.16 2.07 0.00 | 36.35 1.75 0.00 | 39.43 2.43 0.00 | 50.14 3.24 -5.41 | 86.99 5.50 -7.89 | 52.65 3.00 -4.71 | 59.05 2.85 -20.16 | 45.70 2.72 -9.98 | 36.67 2.78 -1.76 | 38.14 2.99 0.00 | 36.79 2.83 0.00 |
| WADING RIVER_IC_2 23547 | 39.25 2.09 0.00 | 31.32 2.06 0.00 | 29.44 1.55 0.00 | 30.49 1.64 0.00 | 31.33 1.60 0.00 | 36.27 2.10 0.00 | 40.75 2.36 0.00 | 62.82 3.36 0.00 | 35.35 1.85 0.00 | 29.57 1.21 0.00 | 30.16 2.04 0.00 | 29.26 1.94 0.00 | 30.65 2.27 0.00 | 32.16 2.07 0.00 | 36.35 1.75 0.00 | 39.43 2.43 0.00 | 50.14 3.24 -5.41 | 86.99 5.50 -7.89 | 52.65 3.00 -4.71 | 59.05 2.85 -20.16 | 45.70 2.72 -9.98 | 36.67 2.78 -1.76 | 38.14 2.99 0.00 | 36.79 2.83 0.00 |
| WADING RIVER_IC_3 23601 | 39.25 2.09 0.00 | 31.32 2.06 0.00 | 29.44 1.55 0.00 | 30.49 1.64 0.00 | 31.33 1.60 0.00 | 36.27 2.10 0.00 | 40.75 2.36 0.00 | 62.82 3.36 0.00 | 35.35 1.85 0.00 | 29.57 1.21 0.00 | 30.16 2.04 0.00 | 29.26 1.94 0.00 | 30.65 2.27 0.00 | 32.16 2.07 0.00 | 36.35 1.75 0.00 | 39.43 2.43 0.00 | 50.14 3.24 -5.41 | 86.99 5.50 -7.89 | 52.65 3.00 -4.71 | 59.05 2.85 -20.16 | 45.70 2.72 -9.98 | 36.67 2.78 -1.76 | 38.14 2.99 0.00 | 36.79 2.83 0.00 |
| WALDENNY_12_KV_BK2 80841 | 37.36 0.20 0.00 | 29.04 -0.22 0.00 | 27.86 -0.03 0.00 | 28.91 0.07 0.00 | 29.82 0.09 0.00 | 34.09 -0.07 0.00 | 37.55 -0.84 0.00 | 58.04 -1.43 0.00 | 32.98 -0.52 0.00 | 27.98 -0.38 0.00 | 27.75 -0.38 0.00 | 26.98 -0.34 0.00 | 28.25 -0.14 0.00 | 29.55 -0.54 0.00 | 33.96 -0.65 0.00 | 35.75 -1.25 0.00 | 40.03 -1.46 0.00 | 70.35 -3.25 0.00 | 42.60 -2.34 0.00 | 33.88 -2.14 0.00 | 31.12 -1.88 0.00 | 30.22 -1.92 0.00 | 33.60 -1.54 0.00 | 32.92 -1.04 0.00 |
| WALDEN__HYDRO 24148 | 39.19 2.03 0.00 | 30.82 1.56 0.00 | 29.26 1.37 0.00 | 30.22 1.38 0.00 | 31.24 1.51 0.00 | 36.12 1.95 0.00 | 40.79 2.40 0.00 | 63.33 3.87 0.00 | 35.68 2.18 0.00 | 30.19 1.83 0.00 | 29.94 1.81 0.00 | 29.05 1.73 0.00 | 30.15 1.76 0.00 | 31.86 1.77 0.00 | 36.64 2.03 0.00 | 39.15 2.15 0.00 | 43.93 2.44 0.00 | 78.22 4.62 0.00 | 47.80 2.86 0.00 | 38.34 2.32 0.00 | 35.04 2.04 0.00 | 34.10 1.96 0.00 | 36.93 1.79 0.00 | 35.64 1.67 0.00 |
| WARRENSBURG____ 23737 | 38.42 1.26 0.00 | 30.35 1.08 0.00 | 28.93 1.04 0.00 | 29.98 1.13 0.00 | 31.00 1.27 0.00 | 35.72 1.56 0.00 | 40.32 1.93 0.00 | 62.55 3.08 0.00 | 35.13 1.63 0.00 | 29.36 1.00 0.00 | 29.09 0.96 0.00 | 28.18 0.86 0.00 | 29.31 0.92 0.00 | 31.21 1.12 0.00 | 35.78 1.18 0.00 | 38.29 1.29 0.00 | 42.96 1.47 0.00 | 76.29 2.68 0.00 | 46.69 1.75 0.00 | 37.54 1.52 0.00 | 34.43 1.43 0.00 | 33.60 1.47 0.00 | 36.69 1.54 0.00 | 35.31 1.34 0.00 |
| WATERSIDE__6 8 9 23538 | 39.47 2.31 0.00 | 31.03 1.77 0.00 | 29.42 1.52 0.00 | 30.35 1.50 0.00 | 31.36 1.63 0.00 | 36.21 2.05 0.00 | 40.83 2.44 0.00 | 63.38 3.92 0.00 | 35.82 2.33 0.00 | 30.47 2.11 0.00 | 30.27 2.14 0.00 | 29.38 2.06 0.00 | 30.51 2.12 0.00 | 32.23 2.14 0.00 | 36.89 2.29 0.00 | 39.35 2.36 0.00 | 44.06 2.57 0.00 | 78.28 4.67 0.00 | 47.90 2.96 0.00 | 38.45 2.42 0.00 | 35.13 2.13 0.00 | 34.23 2.09 0.00 | 37.09 1.94 0.00 | 35.85 1.88 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 37.19 0.03 0.00 | 29.33 0.07 0.00 | 27.97 0.08 0.00 | 28.95 0.10 0.00 | 29.85 0.12 0.00 | 34.37 0.20 0.00 | 38.84 0.45 0.00 | 60.23 0.77 0.00 | 33.76 0.26 0.00 | 28.39 0.03 0.00 | 28.12 -0.01 0.00 | 27.31 -0.01 0.00 | 28.38 -0.01 0.00 | 30.11 0.02 0.00 | 34.71 0.11 0.00 | 37.31 0.31 0.00 | 41.89 0.40 0.00 | 74.40 0.79 0.00 | 45.47 0.53 0.00 | 36.47 0.44 0.00 | 33.43 0.43 0.00 | 32.56 0.43 0.00 | 35.45 0.30 0.00 | 34.09 0.13 0.00 |
| WATSON__69_KV_BK 1 55734 | 39.94 2.78 0.00 | 31.55 2.29 0.00 | 29.82 1.92 0.00 | 30.84 1.99 0.00 | 31.81 2.08 0.00 | 36.81 2.65 0.00 | 41.68 3.29 0.00 | 64.58 5.11 0.00 | 36.36 2.86 0.00 | 30.61 2.26 0.00 | 30.71 2.58 0.00 | 29.75 2.43 0.00 | 30.99 2.60 0.00 | 32.75 2.66 0.00 | 37.47 2.86 0.00 | 40.24 3.24 0.00 | 50.80 3.72 -5.59 | 88.56 6.72 -8.23 | 53.94 4.14 -4.86 | 60.27 3.41 -20.83 | 46.61 3.15 -10.45 | 37.02 3.07 -1.81 | 38.09 2.95 0.00 | 36.77 2.80 0.00 |
| WDELAWARE__HYD 323627 | 38.58 1.42 0.00 | 30.33 1.07 0.00 | 28.81 0.92 0.00 | 29.76 0.92 0.00 | 30.78 1.04 0.00 | 35.59 1.43 0.00 | 40.22 1.84 0.00 | 62.45 2.99 0.00 | 35.16 1.66 0.00 | 29.70 1.34 0.00 | 29.38 1.25 0.00 | 28.47 1.15 0.00 | 29.63 1.24 0.00 | 31.73 1.64 0.00 | 36.46 1.85 0.00 | 38.98 1.98 0.00 | 43.84 2.36 0.00 | 78.10 4.49 0.00 | 47.73 2.78 0.00 | 38.26 2.23 0.00 | 34.97 1.97 0.00 | 34.01 1.87 0.00 | 36.85 1.71 0.00 | 35.54 1.58 0.00 |

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| WEST BABYLON___IC 23714 | 39.86 2.70 0.00 | 31.46 2.20 0.00 | 29.74 1.85 0.00 | 30.76 1.92 0.00 | 31.74 2.01 0.00 | 36.72 2.56 0.00 | 41.58 3.20 0.00 | 64.46 5.00 0.00 | 36.32 2.81 0.00 | 30.60 2.24 0.00 | 30.65 2.52 0.00 | 29.69 2.37 0.00 | 30.90 2.51 0.00 | 32.68 2.59 0.00 | 37.42 2.81 0.00 | 40.12 3.12 0.00 | 51.02 3.55 -5.98 | 89.06 6.49 -8.96 | 54.12 3.98 -5.20 | 61.55 3.25 -22.27 | 47.45 3.00 -11.45 | 37.01 2.93 -1.94 | 37.92 2.77 0.00 | 36.59 2.63 0.00 |
| WEST CANADA___HYD 24049 | 37.20 0.04 0.00 | 29.29 0.03 0.00 | 27.92 0.03 0.00 | 28.87 0.03 0.00 | 29.76 0.03 0.00 | 34.23 0.06 0.00 | 38.50 0.11 0.00 | 59.64 0.18 0.00 | 33.58 0.08 0.00 | 28.44 0.07 0.00 | 28.21 0.08 0.00 | 27.41 0.08 0.00 | 28.47 0.09 0.00 | 30.16 0.06 0.00 | 34.71 0.10 0.00 | 37.11 0.11 0.00 | 41.61 0.13 0.00 | 73.83 0.22 0.00 | 45.08 0.14 0.00 | 36.13 0.11 0.00 | 33.10 0.10 0.00 | 32.23 0.10 0.00 | 35.22 0.08 0.00 | 34.02 0.05 0.00 |
| WESTERN_NY_WIND 24143 | 37.48 0.32 0.00 | 29.19 -0.07 0.00 | 27.97 0.08 0.00 | 29.02 0.17 0.00 | 29.95 0.22 0.00 | 34.32 0.16 0.00 | 37.96 -0.43 0.00 | 59.05 -0.42 0.00 | 33.45 -0.05 0.00 | 28.21 -0.15 0.00 | 27.86 -0.27 0.00 | 27.03 -0.30 0.00 | 28.23 -0.16 0.00 | 29.58 -0.51 0.00 | 34.16 -0.44 0.00 | 36.31 -0.69 0.00 | 40.83 -0.66 0.00 | 72.00 -1.61 0.00 | 43.66 -1.28 0.00 | 34.72 -1.30 0.00 | 31.83 -1.17 0.00 | 30.90 -1.23 0.00 | 34.23 -0.91 0.00 | 33.49 -0.47 0.00 |
| WESTOVER___LESR 323668 | 37.81 0.66 0.00 | 29.59 0.32 0.00 | 28.25 0.35 0.00 | 29.25 0.40 0.00 | 30.21 0.47 0.00 | 34.82 0.65 0.00 | 39.09 0.70 0.00 | 60.56 1.10 0.00 | 34.16 0.66 0.00 | 28.81 0.45 0.00 | 28.59 0.46 0.00 | 27.75 0.43 0.00 | 28.89 0.51 0.00 | 30.42 0.33 0.00 | 35.06 0.46 0.00 | 37.34 0.34 0.00 | 41.92 0.43 0.00 | 74.43 0.82 0.00 | 45.38 0.43 0.00 | 36.29 0.27 0.00 | 33.24 0.24 0.00 | 32.29 0.15 0.00 | 35.26 0.12 0.00 | 34.17 0.21 0.00 |
| WETHRSFD_WT_PWR 323626 | 37.17 0.01 0.00 | 28.89 -0.38 0.00 | 27.73 -0.16 0.00 | 28.78 -0.06 0.00 | 29.72 -0.02 0.00 | 34.11 -0.06 0.00 | 37.76 -0.63 0.00 | 58.35 -1.11 0.00 | 33.02 -0.49 0.00 | 27.85 -0.51 0.00 | 27.62 -0.51 0.00 | 26.78 -0.55 0.00 | 28.02 -0.37 0.00 | 29.34 -0.76 0.00 | 33.79 -0.82 0.00 | 35.73 -1.27 0.00 | 39.82 -1.50 0.17 | 70.35 -3.26 0.00 | 42.65 -2.29 0.00 | 33.91 -2.12 0.00 | 31.06 -1.94 0.00 | 30.09 -2.05 0.00 | 33.25 -1.89 0.00 | 32.55 -1.41 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 39.04 1.88 0.00 | 30.69 1.43 0.00 | 29.11 1.22 0.00 | 30.07 1.22 0.00 | 31.09 1.35 0.00 | 35.95 1.79 0.00 | 40.55 2.16 0.00 | 62.94 3.48 0.00 | 35.48 1.98 0.00 | 30.09 1.73 0.00 | 29.90 1.77 0.00 | 29.02 1.70 0.00 | 30.13 1.74 0.00 | 31.82 1.73 0.00 | 36.51 1.91 0.00 | 38.97 1.97 0.00 | 43.67 2.18 0.00 | 77.72 4.11 0.00 | 47.49 2.55 0.00 | 38.09 2.06 0.00 | 34.82 1.82 0.00 | 33.89 1.76 0.00 | 36.70 1.56 0.00 | 35.44 1.47 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 39.04 1.88 0.00 | 30.69 1.43 0.00 | 29.11 1.22 0.00 | 30.07 1.22 0.00 | 31.09 1.35 0.00 | 35.95 1.79 0.00 | 40.55 2.16 0.00 | 62.94 3.48 0.00 | 35.48 1.98 0.00 | 30.09 1.73 0.00 | 29.90 1.77 0.00 | 29.02 1.70 0.00 | 30.13 1.74 0.00 | 31.82 1.73 0.00 | 36.51 1.91 0.00 | 38.97 1.97 0.00 | 43.67 2.18 0.00 | 77.72 4.11 0.00 | 47.49 2.55 0.00 | 38.09 2.06 0.00 | 34.82 1.82 0.00 | 33.89 1.76 0.00 | 36.70 1.56 0.00 | 35.44 1.47 0.00 |
| WHITEHAL_115KV_TB1 80871 | 39.33 2.17 0.00 | 31.19 1.93 0.00 | 29.73 1.84 0.00 | 30.91 2.06 0.00 | 31.98 2.24 0.00 | 36.66 2.50 0.00 | 41.37 2.98 0.00 | 64.02 4.56 0.00 | 36.04 2.54 0.00 | 29.76 1.40 0.00 | 29.67 1.55 0.00 | 28.65 1.32 0.00 | 29.86 1.47 0.00 | 32.07 1.98 0.00 | 36.89 2.29 0.00 | 39.06 2.06 0.00 | 44.04 2.55 0.00 | 78.29 4.68 0.00 | 48.00 3.05 0.00 | 38.78 2.75 0.00 | 35.70 2.70 0.00 | 34.91 2.78 0.00 | 37.89 2.75 0.00 | 36.33 2.36 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 39.53 2.37 0.00 | 31.09 1.82 0.00 | 29.50 1.60 0.00 | 30.45 1.61 0.00 | 31.48 1.74 0.00 | 36.39 2.22 0.00 | 41.10 2.71 0.00 | 63.88 4.42 0.00 | 36.04 2.54 0.00 | 30.58 2.21 0.00 | 30.36 2.23 0.00 | 29.47 2.14 0.00 | 30.60 2.21 0.00 | 32.33 2.23 0.00 | 37.09 2.49 0.00 | 39.58 2.58 0.00 | 44.38 2.90 0.00 | 78.97 5.36 0.00 | 48.26 3.32 0.00 | 38.70 2.67 0.00 | 35.37 2.37 0.00 | 34.42 2.28 0.00 | 37.25 2.10 0.00 | 35.95 1.98 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 39.46 2.30 0.00 | 31.34 2.08 0.00 | 29.53 1.64 0.00 | 30.57 1.72 0.00 | 31.46 1.72 0.00 | 36.41 2.25 0.00 | 41.09 2.70 0.00 | 63.45 3.99 0.00 | 35.71 2.21 0.00 | 29.94 1.58 0.00 | 30.28 2.15 0.00 | 29.35 2.03 0.00 | 30.65 2.26 0.00 | 32.29 2.20 0.00 | 36.75 2.14 0.00 | 39.68 2.68 0.00 | 50.26 3.34 -5.42 | 87.44 5.92 -7.91 | 53.10 3.44 -4.72 | 59.25 3.01 -20.20 | 45.85 2.84 -10.00 | 36.72 2.83 -1.76 | 38.02 2.88 0.00 | 36.70 2.74 0.00 |
| WOODARD__115KV_TB2 355635 | 36.95 -0.20 0.00 | 29.03 -0.23 0.00 | 27.70 -0.19 0.00 | 28.66 -0.18 0.00 | 29.56 -0.18 0.00 | 33.88 -0.29 0.00 | 37.97 -0.42 0.00 | 58.85 -0.61 0.00 | 33.16 -0.35 0.00 | 28.05 -0.31 0.00 | 27.82 -0.31 0.00 | 27.00 -0.32 0.00 | 28.06 -0.33 0.00 | 29.62 -0.47 0.00 | 34.05 -0.55 0.00 | 36.44 -0.56 0.00 | 40.91 -0.58 0.00 | 72.59 -1.02 0.00 | 44.27 -0.67 0.00 | 35.44 -0.59 0.00 | 32.46 -0.54 0.00 | 31.59 -0.55 0.00 | 34.68 -0.46 0.00 | 33.58 -0.39 0.00 |
| YORK___WARBASSE 23770 | 39.67 2.51 0.00 | 31.17 1.91 0.00 | 29.54 1.65 0.00 | 30.49 1.64 0.00 | 31.51 1.77 0.00 | 36.35 2.19 0.00 | 41.00 2.61 0.00 | 63.53 4.06 0.00 | 35.89 2.39 0.00 | 30.51 2.15 0.00 | 30.29 2.17 0.00 | 29.41 2.08 0.00 | 30.53 2.15 0.00 | 32.25 2.16 0.00 | 36.93 2.33 0.00 | 39.43 2.43 0.00 | 44.15 2.66 0.00 | 78.47 4.86 0.00 | 48.04 3.09 0.00 | 38.56 2.53 0.00 | 35.22 2.22 0.00 | 34.31 2.17 0.00 | 37.14 1.99 0.00 | 35.91 1.94 0.00 |