

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/16/2024

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 30.60 | 28.76 | 28.59 | 28.11 | 28.30 | 30.39 | 31.89 | 31.32 | 34.24 | 38.57 | 35.46 | 35.87 | 38.61 | 38.08 | 43.73 | 43.45 | 40.56 | 40.93 | 41.36 | 63.20 | 38.29 | 34.03 | 32.43 | 33.73 |
| 24138 | 1.65 | 1.42 | 1.16 | 0.98 | 0.95 | 1.07 | 1.50 | 1.85 | 2.03 | 2.42 | 2.15 | 2.35 | 2.48 | 3.03 | 3.25 | 3.33 | 3.47 | 3.28 | 2.95 | 3.43 | 2.21 | 2.07 | 2.03 | 2.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.18 | -2.16 | -3.29 | -2.79 | -6.54 | 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 | 30.75 | 28.90 | 28.74 | 28.24 | 28.43 | 30.52 | 32.00 | 31.40 | 34.33 | 38.64 | 35.53 | 35.94 | 38.67 | 38.13 | 43.82 | 43.53 | 40.64 | 41.00 | 41.47 | 63.42 | 38.45 | 34.16 | 32.53 | 33.79 |
| 24260 | 1.79 | 1.57 | 1.31 | 1.11 | 1.08 | 1.20 | 1.62 | 1.93 | 2.12 | 2.49 | 2.22 | 2.42 | 2.54 | 3.09 | 3.34 | 3.41 | 3.55 | 3.36 | 3.06 | 3.65 | 2.36 | 2.19 | 2.13 | 2.16 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.18 | -2.16 | -3.29 | -2.79 | -6.54 | 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 | 30.75 | 28.90 | 28.74 | 28.24 | 28.43 | 30.52 | 32.00 | 31.40 | 34.33 | 38.64 | 35.53 | 35.94 | 38.67 | 38.13 | 43.82 | 43.53 | 40.64 | 41.00 | 41.47 | 63.42 | 38.45 | 34.16 | 32.53 | 33.79 |
| 24261 | 1.79 | 1.57 | 1.31 | 1.11 | 1.08 | 1.20 | 1.62 | 1.93 | 2.12 | 2.49 | 2.22 | 2.42 | 2.54 | 3.09 | 3.34 | 3.41 | 3.55 | 3.36 | 3.06 | 3.65 | 2.36 | 2.19 | 2.13 | 2.16 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.18 | -2.16 | -3.29 | -2.79 | -6.54 | 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 | 31.34 | 29.40 | 29.43 | 29.02 | 29.23 | 31.40 | 32.78 | 31.88 | 33.62 | 36.69 | 32.32 | 32.89 | 32.35 | 36.97 | 42.79 | 42.76 | 39.81 | 40.68 | 41.92 | 64.88 | 39.75 | 35.14 | 33.05 | 34.45 |
| 24011 | 2.39 | 2.07 | 2.00 | 1.90 | 1.89 | 2.08 | 2.40 | 2.41 | 2.40 | 2.37 | 1.77 | 1.72 | 1.73 | 1.92 | 2.32 | 2.64 | 2.72 | 3.03 | 3.51 | 5.11 | 3.66 | 3.17 | 2.65 | 2.83 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.19 | -0.34 | -0.52 | -0.44 | -1.03 | 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 | 31.65 | 29.63 | 29.67 | 29.28 | 29.48 | 31.68 | 33.10 | 32.17 | 33.90 | 36.91 | 32.50 | 33.03 | 32.51 | 37.18 | 43.04 | 43.11 | 40.10 | 41.03 | 42.31 | 65.49 | 40.29 | 35.60 | 33.41 | 34.82 |
| 23798 | 2.69 | 2.30 | 2.24 | 2.15 | 2.13 | 2.36 | 2.71 | 2.70 | 2.68 | 2.58 | 1.96 | 1.86 | 1.90 | 2.13 | 2.56 | 2.99 | 3.01 | 3.38 | 3.90 | 5.72 | 4.21 | 3.63 | 3.01 | 3.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.19 | -0.34 | -0.52 | -0.44 | -1.03 | 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 | 31.34 | 29.40 | 29.43 | 29.02 | 29.23 | 31.40 | 32.78 | 31.88 | 33.62 | 36.69 | 32.32 | 32.89 | 32.35 | 36.97 | 42.79 | 42.76 | 39.81 | 40.68 | 41.92 | 64.88 | 39.75 | 35.14 | 33.05 | 34.45 |
| 24028 | 2.39 | 2.07 | 2.00 | 1.90 | 1.89 | 2.08 | 2.40 | 2.41 | 2.40 | 2.37 | 1.77 | 1.72 | 1.73 | 1.92 | 2.32 | 2.64 | 2.72 | 3.03 | 3.51 | 5.11 | 3.66 | 3.17 | 2.65 | 2.83 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.19 | -0.34 | -0.52 | -0.44 | -1.03 | 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 | 30.39 | 28.74 | 28.78 | 28.39 | 28.59 | 30.57 | 31.82 | 30.96 | 32.73 | 35.84 | 31.75 | 32.18 | 31.56 | 35.67 | 41.11 | 40.62 | 37.82 | 38.42 | 39.30 | 60.83 | 37.04 | 33.02 | 31.49 | 32.90 |
| 23527 | 1.43 | 1.40 | 1.35 | 1.26 | 1.24 | 1.25 | 1.44 | 1.49 | 1.47 | 1.44 | 1.10 | 0.91 | 0.71 | 0.62 | 0.63 | 0.50 | 0.72 | 0.77 | 0.89 | 1.05 | 0.96 | 1.06 | 1.10 | 1.28 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.23 | -0.42 | -0.63 | -0.54 | -1.25 | 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 | 29.16 | 27.52 | 27.55 | 27.16 | 27.36 | 29.31 | 30.50 | 29.71 | 31.46 | 34.56 | 30.70 | 31.31 | 30.80 | 35.17 | 40.56 | 40.24 | 37.47 | 38.00 | 38.75 | 59.78 | 36.24 | 32.26 | 30.91 | 32.15 |
| 24190 | 0.21 | 0.19 | 0.12 | 0.03 | 0.01 | -0.01 | 0.11 | 0.23 | 0.23 | 0.22 | 0.14 | 0.12 | 0.13 | 0.12 | 0.08 | 0.12 | 0.38 | 0.35 | 0.34 | 0.01 | 0.16 | 0.30 | 0.51 | 0.53 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.19 | -0.36 | -0.54 | -0.46 | -1.07 | 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 | 28.70 | 27.21 | 27.41 | 27.34 | 27.59 | 29.54 | 30.48 | 29.43 | 31.09 | 33.96 | 30.05 | 30.64 | 29.30 | 34.66 | 40.09 | 39.74 | 36.40 | 37.02 | 37.85 | 59.65 | 35.87 | 31.68 | 30.15 | 31.40 |
| 355683 | -0.25 | -0.12 | -0.02 | 0.21 | 0.24 | 0.22 | 0.09 | -0.04 | 0.05 | -0.02 | 0.02 | -0.09 | -0.30 | -0.39 | -0.39 | -0.38 | -0.69 | -0.63 | -0.56 | -0.12 | -0.21 | -0.29 | -0.26 | -0.22 |
| | 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 | 29.83 | 28.14 | 28.19 | 27.81 | 28.03 | 30.03 | 31.22 | 30.32 | 31.96 | 34.93 | 30.93 | 31.49 | 30.86 | 35.40 | 40.87 | 40.59 | 37.85 | 38.54 | 39.53 | 61.21 | 37.13 | 33.01 | 31.52 | 32.75 |
| 323833 | 0.87 | 0.80 | 0.76 | 0.69 | 0.68 | 0.71 | 0.83 | 0.85 | 0.75 | 0.63 | 0.42 | 0.35 | 0.32 | 0.35 | 0.39 | 0.47 | 0.75 | 0.90 | 1.12 | 1.43 | 1.04 | 1.05 | 1.12 | 1.13 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.17 | -0.31 | -0.48 | -0.40 | -0.95 | 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 | 29.82 | 28.13 | 28.19 | 27.80 | 28.02 | 30.03 | 31.21 | 30.32 | 31.94 | 34.91 | 30.92 | 31.48 | 30.85 | 35.40 | 40.86 | 40.59 | 37.84 | 38.53 | 39.53 | 61.18 | 37.11 | 32.99 | 31.50 | 32.74 |
| 323834 | 0.86 | 0.79 | 0.76 | 0.68 | 0.67 | 0.71 | 0.83 | 0.85 | 0.74 | 0.62 | 0.42 | 0.34 | 0.31 | 0.35 | 0.39 | 0.47 | 0.74 | 0.88 | 1.11 | 1.41 | 1.03 | 1.03 | 1.11 | 1.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.17 | -0.31 | -0.48 | -0.40 | -0.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 29.16 | 27.52 | 27.55 | 27.16 | 27.36 | 29.31 | 30.50 | 29.71 | 31.46 | 34.56 | 30.70 | 31.31 | 30.80 | 35.17 | 40.56 | 40.24 | 37.47 | 38.00 | 38.75 | 59.78 | 36.24 | 32.26 | 30.91 | 32.15 |
| 23571 | 0.21 | 0.19 | 0.12 | 0.03 | 0.01 | -0.01 | 0.11 | 0.23 | 0.23 | 0.22 | 0.14 | 0.12 | 0.13 | 0.12 | 0.08 | 0.12 | 0.38 | 0.35 | 0.34 | 0.01 | 0.16 | 0.30 | 0.51 | 0.53 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.19 | -0.36 | -0.54 | -0.46 | -1.07 | 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 | 29.16 0.21 0.00 | 27.52 0.19 0.00 | 27.55 0.12 0.00 | 27.16 0.03 0.00 | 27.36 0.01 0.00 | 29.31 -0.01 0.00 | 30.50 0.11 0.00 | 29.71 0.23 0.00 | 31.46 0.23 -0.19 | 34.56 0.22 -0.36 | 30.70 0.14 -0.54 | 31.31 0.12 -0.46 | 30.80 0.13 -1.07 | 35.17 0.12 0.00 | 40.56 0.08 0.00 | 40.24 0.12 0.00 | 37.47 0.38 0.00 | 38.00 0.35 0.00 | 38.75 0.34 0.00 | 59.78 0.01 0.00 | 36.24 0.16 0.00 | 32.26 0.30 0.00 | 30.91 0.51 0.00 | 32.15 0.53 0.00 |
| ALBANY___3 23573 | 29.16 0.21 0.00 | 27.52 0.19 0.00 | 27.55 0.12 0.00 | 27.16 0.03 0.00 | 27.36 0.01 0.00 | 29.31 -0.01 0.00 | 30.50 0.11 0.00 | 29.71 0.23 0.00 | 31.46 0.23 -0.19 | 34.56 0.22 -0.36 | 30.70 0.14 -0.54 | 31.31 0.12 -0.46 | 30.80 0.13 -1.07 | 35.17 0.12 0.00 | 40.56 0.08 0.00 | 40.24 0.12 0.00 | 37.47 0.38 0.00 | 38.00 0.35 0.00 | 38.75 0.34 0.00 | 59.78 0.01 0.00 | 36.24 0.16 0.00 | 32.26 0.30 0.00 | 30.91 0.51 0.00 | 32.15 0.53 0.00 |
| ALBANY___4 23574 | 29.16 0.21 0.00 | 27.52 0.19 0.00 | 27.55 0.12 0.00 | 27.16 0.03 0.00 | 27.36 0.01 0.00 | 29.31 -0.01 0.00 | 30.50 0.11 0.00 | 29.71 0.23 0.00 | 31.46 0.23 -0.19 | 34.56 0.22 -0.36 | 30.70 0.14 -0.54 | 31.31 0.12 -0.46 | 30.80 0.13 -1.07 | 35.17 0.12 0.00 | 40.56 0.08 0.00 | 40.24 0.12 0.00 | 37.47 0.38 0.00 | 38.00 0.35 0.00 | 38.75 0.34 0.00 | 59.78 0.01 0.00 | 36.24 0.16 0.00 | 32.26 0.30 0.00 | 30.91 0.51 0.00 | 32.15 0.53 0.00 |
| ALBANY___LFGE 323615 | 29.50 0.54 0.00 | 27.82 0.49 0.00 | 27.85 0.42 0.00 | 27.46 0.33 0.00 | 27.67 0.32 0.00 | 29.63 0.32 0.00 | 30.86 0.47 0.00 | 30.04 0.57 0.00 | 31.82 0.59 -0.19 | 34.96 0.63 -0.35 | 31.07 0.50 -0.54 | 31.67 0.48 -0.46 | 31.15 0.49 -1.07 | 35.62 0.57 0.00 | 41.10 0.62 0.00 | 40.78 0.66 0.00 | 37.97 0.87 0.00 | 38.52 0.87 0.00 | 39.27 0.85 0.00 | 60.58 0.81 0.00 | 36.71 0.62 0.00 | 32.64 0.68 0.00 | 31.23 0.83 0.00 | 32.46 0.84 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 28.80 -0.15 0.00 | 27.32 -0.02 0.00 | 27.51 0.08 0.00 | 27.45 0.32 0.00 | 27.71 0.36 0.00 | 29.68 0.36 0.00 | 30.61 0.23 0.00 | 29.57 0.09 0.00 | 31.21 0.17 0.00 | 34.06 0.08 0.00 | 30.14 0.11 0.00 | 30.73 0.00 0.00 | 29.36 -0.23 0.00 | 34.74 -0.31 0.00 | 40.17 -0.31 0.00 | 39.79 -0.33 0.00 | 36.25 -0.84 0.00 | 36.91 -0.74 0.00 | 37.77 -0.64 0.00 | 59.92 0.14 0.00 | 36.04 -0.05 0.00 | 31.82 -0.15 0.00 | 30.28 -0.11 0.00 | 31.57 -0.05 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 28.80 -0.15 0.00 | 27.32 -0.02 0.00 | 27.51 0.08 0.00 | 27.45 0.32 0.00 | 27.71 0.36 0.00 | 29.68 0.36 0.00 | 30.61 0.23 0.00 | 29.57 0.09 0.00 | 31.21 0.17 0.00 | 34.06 0.08 0.00 | 30.14 0.11 0.00 | 30.73 0.00 0.00 | 29.36 -0.23 0.00 | 34.74 -0.31 0.00 | 40.17 -0.31 0.00 | 39.79 -0.33 0.00 | 36.25 -0.84 0.00 | 36.91 -0.74 0.00 | 37.77 -0.64 0.00 | 59.92 0.14 0.00 | 36.04 -0.05 0.00 | 31.82 -0.15 0.00 | 30.28 -0.11 0.00 | 31.57 -0.05 0.00 |
| ALCOA___DSASP 323711 | 28.80 -0.15 0.00 | 27.32 -0.02 0.00 | 27.51 0.08 0.00 | 27.45 0.32 0.00 | 27.71 0.36 0.00 | 29.68 0.36 0.00 | 30.61 0.23 0.00 | 29.57 0.10 0.00 | 31.21 0.18 0.00 | 34.06 0.08 0.00 | 30.14 0.11 0.00 | 30.73 0.00 0.00 | 29.36 -0.23 0.00 | 34.74 -0.31 0.00 | 40.17 -0.31 0.00 | 39.79 -0.33 0.00 | 36.25 -0.84 0.00 | 36.91 -0.74 0.00 | 37.77 -0.64 0.00 | 59.92 0.14 0.00 | 36.04 -0.05 0.00 | 31.82 -0.15 0.00 | 30.28 -0.11 0.00 | 31.57 -0.05 0.00 |
| ALLEGHENY___COGEN 23514 | 29.52 0.57 0.00 | 27.53 0.20 0.00 | 27.44 0.01 0.00 | 26.93 -0.20 0.00 | 27.24 -0.10 0.00 | 29.34 0.02 0.00 | 30.44 0.05 0.00 | 29.71 0.23 0.00 | 30.41 -0.62 0.00 | 33.60 -0.39 0.00 | 29.71 -0.32 0.00 | 30.60 -0.13 0.00 | 29.92 0.33 0.00 | 35.39 0.34 0.00 | 41.22 0.74 0.00 | 40.82 0.70 0.00 | 37.69 0.60 0.00 | 38.82 1.17 0.00 | 39.48 1.07 0.00 | 61.69 1.92 0.00 | 37.16 1.08 0.00 | 32.72 0.76 0.00 | 30.91 0.51 0.00 | 31.90 0.28 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 29.50 0.55 0.00 | 27.83 0.49 0.00 | 27.85 0.42 0.00 | 27.47 0.34 0.00 | 27.67 0.32 0.00 | 29.67 0.35 0.00 | 30.87 0.48 0.00 | 30.04 0.57 0.00 | 31.79 0.57 -0.19 | 34.92 0.59 -0.34 | 31.01 0.46 -0.52 | 31.63 0.45 -0.44 | 31.09 0.47 -1.03 | 35.60 0.55 0.00 | 41.06 0.58 0.00 | 40.74 0.61 0.00 | 37.89 0.80 0.00 | 38.44 0.79 0.00 | 39.22 0.80 0.00 | 60.58 0.81 0.00 | 36.69 0.61 0.00 | 32.60 0.64 0.00 | 31.09 0.69 0.00 | 32.33 0.72 0.00 |
| ALTONA_WT_PWR 323606 | 29.41 0.46 0.00 | 27.79 0.46 0.00 | 27.93 0.50 0.00 | 27.88 0.75 0.00 | 28.27 0.92 0.00 | 30.33 1.01 0.00 | 31.53 1.14 0.00 | 30.48 1.00 0.00 | 32.26 1.23 0.00 | 35.13 1.14 0.00 | 31.21 1.18 0.00 | 31.75 1.02 0.00 | 30.29 0.69 0.00 | 35.83 0.78 0.00 | 41.50 1.03 0.00 | 41.15 1.03 0.00 | 37.54 0.45 0.00 | 38.17 0.52 0.00 | 39.06 0.65 0.00 | 61.21 1.44 0.00 | 36.90 0.82 0.00 | 32.31 0.35 0.00 | 30.59 0.19 0.00 | 31.59 -0.03 0.00 |
| AMERICAN_REF_FUEL 24010 | 27.50 -1.45 0.00 | 25.64 -1.69 0.00 | 25.50 -1.93 0.00 | 25.04 -2.09 0.00 | 25.35 -2.00 0.00 | 27.28 -2.04 0.00 | 28.06 -2.32 0.00 | 27.43 -2.05 0.00 | 28.73 -2.30 0.00 | 31.96 -2.03 0.00 | 28.25 -1.78 0.00 | 29.18 -1.56 0.00 | 28.55 -1.05 0.00 | 33.51 -1.54 0.00 | 38.70 -1.78 0.00 | 37.70 -2.42 0.00 | 34.82 -2.28 0.00 | 35.46 -2.19 0.00 | 36.18 -2.23 0.00 | 56.80 -2.97 0.00 | 34.23 -1.85 0.00 | 30.14 -1.82 0.00 | 28.53 -1.87 0.00 | 29.58 -2.04 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 28.64 -0.31 0.00 | 26.73 -0.61 0.00 | 26.52 -0.91 0.00 | 25.56 -1.57 0.00 | 25.48 -1.87 0.00 | 27.42 -1.89 0.00 | 28.59 -1.80 0.00 | 28.19 -1.28 0.00 | 29.59 -1.44 0.00 | 33.34 -0.64 0.00 | 29.55 -0.47 0.00 | 30.68 -0.05 0.00 | 30.19 0.60 0.00 | 35.55 0.50 0.00 | 41.11 0.63 0.00 | 40.00 -0.12 0.00 | 36.61 -0.48 0.00 | 36.91 -0.74 0.00 | 37.25 -1.16 0.00 | 58.11 -1.67 0.00 | 34.69 -1.39 0.00 | 30.65 -1.31 0.00 | 28.89 -1.51 0.00 | 29.95 -1.67 0.00 |
| ARTHUR KILL_GT_1 23520 | 30.49 1.54 0.00 | 28.67 1.34 0.00 | 28.51 1.08 0.00 | 28.02 0.89 0.00 | 28.20 0.85 0.00 | 30.27 0.95 0.00 | 31.76 1.37 0.00 | 31.10 1.63 0.00 | 33.97 1.76 -1.18 | 38.19 2.04 -2.16 | 35.16 1.84 -3.29 | 35.64 2.12 -2.79 | 38.41 2.28 -6.54 | 37.85 2.79 -0.01 | 43.40 2.92 0.00 | 43.23 3.01 -0.09 | 40.70 3.25 -0.36 | 40.81 3.05 -0.12 | 41.09 2.68 0.00 | 62.69 2.92 0.00 | 38.10 2.01 0.00 | 33.89 1.92 0.00 | 36.05 1.88 -3.78 | 34.35 1.91 -0.83 |
| ARTHUR_KILL_2 23512 | 30.40 1.44 0.00 | 28.58 1.25 0.00 | 28.43 1.00 0.00 | 27.93 0.80 0.00 | 28.11 0.76 0.00 | 30.17 0.85 0.00 | 31.65 1.26 0.00 | 31.00 1.52 0.00 | 33.86 1.65 -1.18 | 38.08 1.94 -2.16 | 35.05 1.73 -3.29 | 35.53 2.01 -2.79 | 38.30 2.17 -6.54 | 37.72 2.65 -0.01 | 43.23 2.75 0.00 | 43.06 2.84 -0.09 | 40.54 3.09 -0.36 | 40.66 2.89 -0.12 | 40.94 2.52 0.00 | 62.43 2.66 0.00 | 37.95 1.87 0.00 | 33.75 1.78 0.00 | 35.93 1.76 -3.78 | 34.24 1.79 -0.83 |
| ARTHUR_KILL_3 23513 | 30.42 1.46 0.00 | 28.60 1.27 0.00 | 28.43 1.00 0.00 | 27.93 0.80 0.00 | 28.10 0.75 0.00 | 30.14 0.82 0.00 | 31.60 1.21 0.00 | 31.00 1.53 0.00 | 33.88 1.67 -1.18 | 38.14 1.99 -2.16 | 35.08 1.76 -3.29 | 35.47 1.95 -2.79 | 38.22 2.08 -6.54 | 37.63 2.57 0.00 | 43.19 2.71 0.00 | 43.01 2.82 -0.06 | 40.39 3.02 -0.27 | 40.56 2.83 -0.09 | 40.99 2.57 0.00 | 62.63 2.86 0.00 | 38.04 1.96 0.00 | 33.80 1.83 0.00 | 35.07 1.80 -2.86 | 34.09 1.84 -0.62 |

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|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN 323718 | 30.49 1.54 0.00 | 28.67 1.34 0.00 | 28.51 1.08 0.00 | 28.02 0.89 0.00 | 28.20 0.85 0.00 | 30.27 0.95 0.00 | 31.76 1.37 0.00 | 31.10 1.63 0.00 | 33.97 1.76 -1.18 | 38.19 2.04 -2.16 | 35.16 1.84 -3.29 | 35.64 2.12 -2.79 | 38.41 2.28 -6.54 | 37.85 2.79 -0.01 | 43.40 2.92 0.00 | 43.23 3.01 -0.09 | 40.70 3.25 -0.36 | 40.81 3.05 -0.12 | 41.09 2.68 0.00 | 62.69 2.92 0.00 | 38.10 2.01 0.00 | 33.89 1.92 0.00 | 36.05 1.88 -3.78 | 34.35 1.91 -0.83 |
| ASHOKAN____ 23654 | 30.11 1.16 0.00 | 28.31 0.97 0.00 | 28.28 0.85 0.00 | 27.86 0.73 0.00 | 28.06 0.71 0.00 | 30.10 0.78 0.00 | 31.42 1.03 0.00 | 30.68 1.21 0.00 | 32.28 1.25 0.00 | 35.27 1.29 0.00 | 31.01 0.98 0.00 | 31.69 0.96 0.00 | 30.60 1.00 0.00 | 36.33 1.28 0.00 | 42.04 1.56 0.00 | 41.86 1.74 0.00 | 39.14 2.05 0.00 | 39.86 2.22 0.00 | 40.79 2.37 0.00 | 62.93 3.15 0.00 | 38.09 2.00 0.00 | 33.76 1.80 0.00 | 32.10 1.70 0.00 | 33.26 1.64 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 30.51 1.56 0.00 | 28.66 1.33 0.00 | 28.50 1.08 0.00 | 28.01 0.88 0.00 | 28.22 0.87 0.00 | 30.26 0.94 0.00 | 31.77 1.38 0.00 | 31.15 1.67 0.00 | 34.06 1.84 -1.18 | 38.26 2.11 -2.16 | 35.15 1.84 -3.29 | 35.58 2.06 -2.79 | 38.31 2.18 -6.53 | 37.71 2.66 0.01 | 43.28 2.81 0.00 | 43.01 2.89 0.00 | 40.19 3.10 0.00 | 40.53 2.88 0.00 | 41.00 2.58 0.00 | 62.67 2.90 0.00 | 38.02 1.93 0.00 | 33.74 1.78 0.00 | 32.28 1.88 0.00 | 33.53 1.92 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 30.51 1.56 0.00 | 28.67 1.33 0.00 | 28.50 1.08 0.00 | 28.01 0.88 0.00 | 28.22 0.87 0.00 | 30.26 0.94 0.00 | 31.77 1.38 0.00 | 31.15 1.67 0.00 | 34.06 1.84 -1.18 | 38.26 2.11 -2.16 | 35.15 1.84 -3.29 | 35.58 2.06 -2.79 | 38.31 2.18 -6.53 | 37.71 2.66 0.01 | 43.28 2.81 0.00 | 43.01 2.89 0.00 | 40.19 3.10 0.00 | 40.53 2.88 0.00 | 41.00 2.58 0.00 | 62.67 2.90 0.00 | 38.02 1.93 0.00 | 33.74 1.78 0.00 | 32.28 1.88 0.00 | 33.53 1.92 0.00 |
| ASTORIA_GT2_1 24094 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT2_2 24095 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT2_3 24096 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT2_4 24097 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT3_1 24098 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT3_2 24099 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT3_3 24100 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT3_4 24101 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT4_1 24102 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT4_2 24103 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT4_3 24104 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |

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|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ASTORIA_GT4_4 24105 | 30.52 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.27 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.13 -2.16 | 35.17 1.85 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.71 2.66 0.00 | 43.31 2.83 0.00 | 43.03 2.91 0.00 | 40.21 3.12 0.00 | 40.53 2.88 0.00 | 41.01 2.60 0.00 | 62.68 2.91 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA_GT_1 23523 | 30.58 1.63 0.00 | 28.74 1.41 0.00 | 28.58 1.15 0.00 | 28.08 0.95 0.00 | 28.28 0.93 0.00 | 30.32 1.01 0.00 | 31.85 1.46 0.00 | 31.24 1.76 0.00 | 34.15 1.94 -1.18 | 38.37 2.22 -2.16 | 35.25 1.94 -3.29 | 35.67 2.16 -2.79 | 38.42 2.29 -6.53 | 37.81 2.77 0.01 | 43.43 2.96 0.00 | 43.15 3.03 0.00 | 40.32 3.23 0.00 | 40.64 3.00 0.00 | 41.13 2.72 0.00 | 62.86 3.09 0.00 | 38.13 2.05 0.00 | 33.86 1.89 0.00 | 32.37 1.97 0.00 | 33.62 2.00 0.00 |
| ASTORIA_GT_10 24110 | 30.54 1.59 0.00 | 28.69 1.36 0.00 | 28.53 1.10 0.00 | 28.03 0.90 0.00 | 28.23 0.87 0.00 | 30.29 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.72 0.00 | 34.10 1.89 -1.18 | 38.34 2.19 -2.16 | 35.25 1.94 -3.29 | 35.66 2.14 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.37 2.90 0.00 | 43.09 2.97 0.00 | 40.27 3.17 0.00 | 40.60 2.96 0.00 | 41.06 2.64 0.00 | 62.76 2.98 0.00 | 38.08 2.00 0.00 | 33.86 1.90 0.00 | 32.29 1.90 0.00 | 33.54 1.92 0.00 |
| ASTORIA_GT_11 24225 | 30.54 1.59 0.00 | 28.69 1.36 0.00 | 28.53 1.10 0.00 | 28.03 0.90 0.00 | 28.23 0.87 0.00 | 30.29 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.72 0.00 | 34.10 1.89 -1.18 | 38.34 2.19 -2.16 | 35.25 1.94 -3.29 | 35.66 2.14 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.37 2.90 0.00 | 43.09 2.97 0.00 | 40.27 3.17 0.00 | 40.60 2.96 0.00 | 41.06 2.64 0.00 | 62.76 2.98 0.00 | 38.08 2.00 0.00 | 33.86 1.90 0.00 | 32.29 1.90 0.00 | 33.54 1.92 0.00 |
| ASTORIA_GT_12 24226 | 30.54 1.59 0.00 | 28.69 1.36 0.00 | 28.53 1.10 0.00 | 28.03 0.90 0.00 | 28.23 0.87 0.00 | 30.29 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.72 0.00 | 34.10 1.89 -1.18 | 38.34 2.19 -2.16 | 35.25 1.94 -3.29 | 35.66 2.14 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.37 2.90 0.00 | 43.09 2.97 0.00 | 40.27 3.17 0.00 | 40.60 2.96 0.00 | 41.06 2.64 0.00 | 62.76 2.98 0.00 | 38.08 2.00 0.00 | 33.86 1.90 0.00 | 32.29 1.90 0.00 | 33.54 1.92 0.00 |
| ASTORIA_GT_13 24227 | 30.54 1.59 0.00 | 28.69 1.36 0.00 | 28.53 1.10 0.00 | 28.03 0.90 0.00 | 28.23 0.87 0.00 | 30.29 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.72 0.00 | 34.10 1.89 -1.18 | 38.34 2.19 -2.16 | 35.25 1.94 -3.29 | 35.66 2.14 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.37 2.90 0.00 | 43.09 2.97 0.00 | 40.27 3.17 0.00 | 40.60 2.96 0.00 | 41.06 2.64 0.00 | 62.76 2.98 0.00 | 38.08 2.00 0.00 | 33.86 1.90 0.00 | 32.29 1.90 0.00 | 33.54 1.92 0.00 |
| ASTORIA_GT_5 24106 | 30.58 1.63 0.00 | 28.74 1.40 0.00 | 28.58 1.15 0.00 | 28.07 0.94 0.00 | 28.28 0.93 0.00 | 30.32 1.01 0.00 | 31.85 1.46 0.00 | 31.24 1.76 0.00 | 34.15 1.93 -1.18 | 38.37 2.22 -2.16 | 35.25 1.94 -3.29 | 35.68 2.16 -2.79 | 38.42 2.29 -6.54 | 37.82 2.77 0.00 | 43.43 2.95 0.00 | 43.15 3.03 0.00 | 40.32 3.23 0.00 | 40.65 3.00 0.00 | 41.13 2.71 0.00 | 62.86 3.09 0.00 | 38.13 2.05 0.00 | 33.86 1.89 0.00 | 32.37 1.97 0.00 | 33.62 2.00 0.00 |
| ASTORIA_GT_7 24107 | 30.58 1.63 0.00 | 28.74 1.40 0.00 | 28.58 1.15 0.00 | 28.07 0.94 0.00 | 28.28 0.93 0.00 | 30.32 1.01 0.00 | 31.85 1.46 0.00 | 31.24 1.76 0.00 | 34.15 1.93 -1.18 | 38.37 2.22 -2.16 | 35.25 1.94 -3.29 | 35.68 2.16 -2.79 | 38.42 2.29 -6.54 | 37.82 2.77 0.00 | 43.43 2.95 0.00 | 43.15 3.03 0.00 | 40.32 3.23 0.00 | 40.65 3.00 0.00 | 41.13 2.71 0.00 | 62.86 3.09 0.00 | 38.13 2.05 0.00 | 33.86 1.89 0.00 | 32.37 1.97 0.00 | 33.62 2.00 0.00 |
| ASTORIA_GT_8 24108 | 30.58 1.63 0.00 | 28.74 1.40 0.00 | 28.58 1.15 0.00 | 28.07 0.94 0.00 | 28.28 0.93 0.00 | 30.32 1.01 0.00 | 31.85 1.46 0.00 | 31.24 1.76 0.00 | 34.15 1.93 -1.18 | 38.37 2.22 -2.16 | 35.25 1.94 -3.29 | 35.68 2.16 -2.79 | 38.42 2.29 -6.54 | 37.82 2.77 0.00 | 43.43 2.95 0.00 | 43.15 3.03 0.00 | 40.32 3.23 0.00 | 40.65 3.00 0.00 | 41.13 2.71 0.00 | 62.86 3.09 0.00 | 38.13 2.05 0.00 | 33.86 1.89 0.00 | 32.37 1.97 0.00 | 33.62 2.00 0.00 |
| ASTORIA___2 24149 | 30.53 1.57 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.03 0.90 0.00 | 28.23 0.87 0.00 | 30.26 0.95 0.00 | 31.78 1.40 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.28 2.14 -2.16 | 35.16 1.85 -3.29 | 35.59 2.07 -2.79 | 38.33 2.20 -6.53 | 37.71 2.67 0.01 | 43.31 2.83 0.00 | 43.04 2.91 0.00 | 40.21 3.12 0.00 | 40.54 2.88 0.00 | 41.01 2.60 0.00 | 62.70 2.93 0.00 | 38.03 1.95 0.00 | 33.77 1.80 0.00 | 32.30 1.90 0.00 | 33.55 1.94 0.00 |
| ASTORIA___3 23516 | 30.54 1.58 0.00 | 28.70 1.37 0.00 | 28.53 1.10 0.00 | 28.04 0.91 0.00 | 28.23 0.87 0.00 | 30.29 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.71 0.00 | 34.10 1.89 -1.18 | 38.34 2.20 -2.16 | 35.24 1.93 -3.29 | 35.65 2.13 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.37 2.90 0.00 | 43.09 2.97 0.00 | 40.27 3.17 0.00 | 40.60 2.95 0.00 | 41.06 2.64 0.00 | 62.76 2.98 0.00 | 38.08 2.00 0.00 | 33.86 1.89 0.00 | 32.30 1.90 0.00 | 33.54 1.92 0.00 |
| ASTORIA___4 23517 | 30.54 1.59 0.00 | 28.69 1.36 0.00 | 28.53 1.10 0.00 | 28.03 0.90 0.00 | 28.23 0.87 0.00 | 30.29 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.72 0.00 | 34.10 1.89 -1.18 | 38.34 2.19 -2.16 | 35.25 1.94 -3.29 | 35.66 2.14 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.37 2.90 0.00 | 43.09 2.97 0.00 | 40.27 3.17 0.00 | 40.60 2.96 0.00 | 41.06 2.64 0.00 | 62.76 2.98 0.00 | 38.08 2.00 0.00 | 33.86 1.90 0.00 | 32.29 1.90 0.00 | 33.54 1.92 0.00 |
| ASTORIA___5 23518 | 30.54 1.58 0.00 | 28.70 1.37 0.00 | 28.53 1.10 0.00 | 28.04 0.91 0.00 | 28.23 0.87 0.00 | 30.29 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.71 0.00 | 34.10 1.89 -1.18 | 38.34 2.19 -2.16 | 35.24 1.93 -3.29 | 35.65 2.13 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.37 2.90 0.00 | 43.09 2.97 0.00 | 40.27 3.17 0.00 | 40.60 2.95 0.00 | 41.06 2.64 0.00 | 62.75 2.98 0.00 | 38.08 2.00 0.00 | 33.86 1.89 0.00 | 32.30 1.90 0.00 | 33.54 1.92 0.00 |
| AST_ENERGY_2_CC3 323677 | 30.45 1.50 0.00 | 28.62 1.29 0.00 | 28.45 1.03 0.00 | 27.97 0.84 0.00 | 28.14 0.79 0.00 | 30.21 0.89 0.00 | 31.67 1.28 0.00 | 31.07 1.60 0.00 | 33.97 1.75 -1.18 | 38.23 2.09 -2.16 | 35.16 1.85 -3.29 | 35.56 2.04 -2.79 | 38.29 2.16 -6.54 | 37.70 2.65 0.00 | 43.29 2.82 0.00 | 43.03 2.91 0.00 | 40.18 3.09 0.00 | 40.55 2.90 0.00 | 41.03 2.61 0.00 | 62.72 2.95 0.00 | 38.05 1.97 0.00 | 33.81 1.85 0.00 | 32.22 1.82 0.00 | 33.47 1.84 0.00 |
| AST_ENERGY_2_CC4 323678 | 30.45 1.50 0.00 | 28.62 1.29 0.00 | 28.45 1.03 0.00 | 27.97 0.84 0.00 | 28.14 0.79 0.00 | 30.21 0.89 0.00 | 31.67 1.28 0.00 | 31.07 1.60 0.00 | 33.97 1.75 -1.18 | 38.23 2.09 -2.16 | 35.16 1.85 -3.29 | 35.56 2.04 -2.79 | 38.29 2.16 -6.54 | 37.70 2.65 0.00 | 43.29 2.82 0.00 | 43.03 2.91 0.00 | 40.18 3.09 0.00 | 40.55 2.90 0.00 | 41.03 2.61 0.00 | 62.72 2.95 0.00 | 38.05 1.97 0.00 | 33.81 1.85 0.00 | 32.22 1.82 0.00 | 33.47 1.84 0.00 |

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| ATHENS_STG_1 23668 | 29.56 0.61 0.00 | 27.86 0.53 0.00 | 27.85 0.42 0.00 | 27.44 0.31 0.00 | 27.64 0.29 0.00 | 29.64 0.33 0.00 | 30.90 0.51 0.00 | 30.14 0.66 0.00 | 31.98 0.69 -0.25 | 35.24 0.80 -0.46 | 31.39 0.66 -0.71 | 32.03 0.70 -0.60 | 31.76 0.77 -1.40 | 35.98 0.93 0.00 | 41.44 0.96 0.00 | 41.13 1.01 0.00 | 38.29 1.20 0.00 | 38.76 1.11 0.00 | 39.44 1.02 0.00 | 60.71 0.94 0.00 | 36.77 0.69 0.00 | 32.67 0.71 0.00 | 31.13 0.73 0.00 | 32.37 0.75 0.00 |
| ATHENS_STG_2 23670 | 29.56 0.61 0.00 | 27.86 0.53 0.00 | 27.85 0.42 0.00 | 27.44 0.31 0.00 | 27.64 0.29 0.00 | 29.64 0.33 0.00 | 30.90 0.51 0.00 | 30.14 0.66 0.00 | 31.98 0.69 -0.25 | 35.24 0.80 -0.46 | 31.39 0.66 -0.71 | 32.03 0.70 -0.60 | 31.76 0.77 -1.40 | 35.98 0.93 0.00 | 41.44 0.96 0.00 | 41.13 1.01 0.00 | 38.29 1.20 0.00 | 38.76 1.11 0.00 | 39.44 1.02 0.00 | 60.71 0.94 0.00 | 36.77 0.69 0.00 | 32.67 0.71 0.00 | 31.13 0.73 0.00 | 32.37 0.75 0.00 |
| ATHENS_STG_3 23677 | 29.56 0.61 0.00 | 27.86 0.53 0.00 | 27.85 0.42 0.00 | 27.44 0.31 0.00 | 27.64 0.29 0.00 | 29.64 0.33 0.00 | 30.90 0.51 0.00 | 30.14 0.66 0.00 | 31.98 0.69 -0.25 | 35.24 0.80 -0.46 | 31.39 0.66 -0.71 | 32.03 0.70 -0.60 | 31.76 0.77 -1.40 | 35.98 0.93 0.00 | 41.44 0.96 0.00 | 41.13 1.01 0.00 | 38.29 1.20 0.00 | 38.76 1.11 0.00 | 39.44 1.02 0.00 | 60.71 0.94 0.00 | 36.77 0.69 0.00 | 32.67 0.71 0.00 | 31.13 0.73 0.00 | 32.37 0.75 0.00 |
| AUBURN___LFGE 323710 | 29.25 0.30 0.00 | 27.50 0.16 0.00 | 27.51 0.08 0.00 | 27.05 -0.08 0.00 | 27.35 0.00 0.00 | 29.42 0.10 0.00 | 30.53 0.14 0.00 | 29.55 0.07 0.00 | 30.95 -0.08 0.00 | 34.02 0.04 0.00 | 29.86 -0.16 0.00 | 30.64 -0.09 0.00 | 29.73 0.14 0.00 | 35.40 0.35 0.00 | 40.99 0.51 0.00 | 40.47 0.35 0.00 | 37.70 0.61 0.00 | 38.38 0.73 0.00 | 39.29 0.88 0.00 | 60.85 1.08 0.00 | 36.59 0.50 0.00 | 32.43 0.47 0.00 | 30.73 0.33 0.00 | 31.90 0.28 0.00 |
| BABYLON_RES_REC 323704 | 39.91 2.03 -8.93 | 31.88 1.78 -2.77 | 28.85 1.42 0.00 | 28.31 1.18 0.00 | 28.48 1.13 0.00 | 30.70 1.38 0.00 | 32.15 1.77 0.00 | 31.41 1.93 0.00 | 34.17 1.95 -1.19 | 38.33 2.16 -2.18 | 35.26 1.92 -3.31 | 35.61 2.06 -2.83 | 38.29 2.10 -6.60 | 37.63 2.58 0.00 | 42.98 2.50 0.00 | 42.52 2.39 0.00 | 39.73 2.64 0.00 | 40.07 2.42 0.00 | 39.75 2.00 0.66 | 61.86 2.09 0.00 | 37.62 1.54 0.00 | 33.53 1.57 0.00 | 32.42 2.02 0.00 | 33.77 2.15 0.00 |
| BABYLON__69_KV_BK2 356345 | 40.24 2.36 -8.93 | 32.18 2.08 -2.77 | 29.13 1.70 0.00 | 28.58 1.45 0.00 | 28.75 1.39 0.00 | 30.99 1.67 0.00 | 32.46 2.08 0.00 | 31.68 2.21 0.00 | 34.48 2.26 -1.19 | 38.70 2.53 -2.18 | 35.77 2.43 -3.31 | 36.25 2.69 -2.83 | 38.95 2.76 -6.60 | 38.44 3.39 0.00 | 43.98 3.51 0.00 | 43.53 3.41 0.00 | 40.64 3.54 0.00 | 41.01 3.36 0.00 | 40.65 2.91 0.68 | 63.33 3.55 0.00 | 38.39 2.31 0.00 | 34.12 2.16 0.00 | 32.79 2.39 0.00 | 34.14 2.52 0.00 |
| BALL_HILL_WT_PWR 323825 | 28.27 -0.68 0.00 | 26.38 -0.96 0.00 | 26.26 -1.17 0.00 | 25.64 -1.49 0.00 | 25.83 -1.52 0.00 | 27.84 -1.48 0.00 | 28.84 -1.55 0.00 | 28.30 -1.17 0.00 | 29.59 -1.44 0.00 | 33.08 -0.91 0.00 | 29.24 -0.79 0.00 | 30.22 -0.52 0.00 | 29.67 0.07 0.00 | 34.95 -0.10 0.00 | 40.48 0.00 0.00 | 39.46 -0.66 0.00 | 36.28 -0.81 0.00 | 36.74 -0.91 0.00 | 37.30 -1.12 0.00 | 58.28 -1.49 0.00 | 34.94 -1.14 0.00 | 30.83 -1.13 0.00 | 29.16 -1.24 0.00 | 30.22 -1.40 0.00 |
| BARON_WINDS___WT_PWR 323822 | 28.10 -0.85 0.00 | 26.27 -1.06 0.00 | 26.25 -1.18 0.00 | 25.71 -1.42 0.00 | 26.05 -1.30 0.00 | 28.08 -1.24 0.00 | 29.14 -1.25 0.00 | 28.52 -0.95 0.00 | 29.69 -1.34 0.00 | 32.99 -0.99 0.00 | 29.03 -0.99 0.00 | 29.77 -0.97 0.00 | 29.20 -0.40 0.00 | 34.55 -0.50 0.00 | 40.24 -0.23 0.00 | 39.52 -0.60 0.00 | 36.33 -0.77 0.00 | 36.87 -0.78 0.00 | 37.47 -0.94 0.00 | 58.18 -1.60 0.00 | 34.71 -1.37 0.00 | 30.55 -1.42 0.00 | 28.90 -1.50 0.00 | 29.92 -1.70 0.00 |
| BARRETT_IC_1 23704 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_10 23701 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_11 23702 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_12 23703 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_2 23705 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_3 23706 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_4 23707 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |

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| BARRETT_IC_5 23708 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_6 23709 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_7 23710 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.55 0.00 | 31.12 1.65 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.23 1.88 -3.31 | 35.74 2.18 -2.83 | 38.42 2.23 -6.60 | 37.76 2.71 0.00 | 43.08 2.60 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.49 0.00 | 39.76 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.29 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_8 23711 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT_IC_9 23700 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT___1 23545 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BARRETT___2 23546 | 39.68 1.80 -8.93 | 31.68 1.58 -2.77 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.35 1.00 0.00 | 30.51 1.19 0.00 | 31.94 1.56 0.00 | 31.12 1.64 0.00 | 33.86 1.63 -1.19 | 37.96 1.80 -2.18 | 35.22 1.88 -3.31 | 35.72 2.17 -2.83 | 38.42 2.23 -6.60 | 37.77 2.71 0.00 | 43.07 2.59 0.00 | 42.66 2.54 0.00 | 39.79 2.70 0.00 | 40.14 2.50 0.01 | 39.75 2.11 0.77 | 62.01 2.24 0.00 | 37.62 1.53 0.00 | 33.58 1.62 0.00 | 32.28 1.89 0.00 | 33.61 1.99 0.00 |
| BATAVIA__115KV_TB1 55881 | 28.94 -0.01 0.00 | 26.98 -0.36 0.00 | 26.83 -0.60 0.00 | 26.35 -0.78 0.00 | 26.63 -0.72 0.00 | 28.70 -0.62 0.00 | 29.64 -0.75 0.00 | 28.99 -0.48 0.00 | 30.31 -0.72 0.00 | 33.59 -0.39 0.00 | 29.63 -0.40 0.00 | 30.56 -0.17 0.00 | 29.91 0.32 0.00 | 35.27 0.22 0.00 | 40.96 0.49 0.00 | 40.47 0.35 0.00 | 37.50 0.40 0.00 | 38.11 0.46 0.00 | 38.83 0.42 0.00 | 60.74 0.97 0.00 | 36.54 0.46 0.00 | 32.13 0.17 0.00 | 30.33 -0.07 0.00 | 31.34 -0.28 0.00 |
| BAYONEEC___CTG1 323682 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |
| BAYONEEC___CTG10 323750 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |
| BAYONEEC___CTG2 323683 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |
| BAYONEEC___CTG3 323684 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |
| BAYONEEC___CTG4 323685 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |
| BAYONEEC___CTG5 323686 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |
| BAYONEEC___CTG6 323687 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |

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| BAYONEEC___CTG7 323688 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |
| BAYONEEC___CTG8 323689 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |
| BAYONEEC___CTG9 323749 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.19 0.84 0.00 | 30.24 0.92 0.00 | 31.71 1.32 0.00 | 31.11 1.64 0.00 | 34.01 1.80 -1.18 | 38.28 2.13 -2.16 | 35.20 1.89 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.75 2.70 0.00 | 43.34 2.86 0.00 | 43.07 2.94 0.00 | 40.22 3.12 0.00 | 40.58 2.93 0.00 | 41.07 2.65 0.00 | 62.79 3.01 0.00 | 38.11 2.02 0.00 | 33.87 1.90 0.00 | 32.26 1.87 0.00 | 33.53 1.91 0.00 |
| BEACON___LESR 323632 | 29.63 0.68 0.00 | 27.86 0.53 0.00 | 27.92 0.50 0.00 | 27.47 0.34 0.00 | 27.69 0.34 0.00 | 29.68 0.36 0.00 | 31.01 0.62 0.00 | 30.17 0.70 0.00 | 31.92 0.69 -0.20 | 35.06 0.72 -0.36 | 31.15 0.58 -0.54 | 31.88 0.69 -0.46 | 31.32 0.64 -1.08 | 35.83 0.78 0.00 | 41.40 0.92 0.00 | 41.10 0.98 0.00 | 38.21 1.12 0.00 | 38.83 1.18 0.00 | 39.57 1.16 0.00 | 61.03 1.26 0.00 | 36.89 0.81 0.00 | 32.74 0.78 0.00 | 31.40 1.00 0.00 | 32.56 0.94 0.00 |
| BEAVER RIVER___HYD 24048 | 28.56 -0.40 0.00 | 26.92 -0.41 0.00 | 27.11 -0.32 0.00 | 26.98 -0.14 0.00 | 27.26 -0.09 0.00 | 29.30 -0.02 0.00 | 30.44 0.05 0.00 | 29.50 0.03 0.00 | 31.00 -0.04 0.00 | 33.82 -0.17 0.00 | 29.80 -0.23 0.00 | 30.47 -0.27 0.00 | 29.22 -0.38 0.00 | 34.64 -0.41 0.00 | 40.14 -0.34 0.00 | 39.68 -0.44 0.00 | 36.68 -0.41 0.00 | 37.65 0.00 0.00 | 38.76 0.34 0.00 | 60.91 1.14 0.00 | 36.62 0.53 0.00 | 31.90 -0.06 0.00 | 30.08 -0.32 0.00 | 31.44 -0.18 0.00 |
| BEEBEE_GT_13 23619 | 28.68 -0.27 0.00 | 26.84 -0.50 0.00 | 26.75 -0.68 0.00 | 26.31 -0.82 0.00 | 26.57 -0.78 0.00 | 28.59 -0.73 0.00 | 29.56 -0.82 0.00 | 28.82 -0.66 0.00 | 30.20 -0.83 0.00 | 33.43 -0.56 0.00 | 29.57 -0.46 0.00 | 30.46 -0.27 0.00 | 29.71 0.11 0.00 | 35.15 0.09 0.00 | 40.71 0.24 0.00 | 40.10 -0.02 0.00 | 37.16 0.07 0.00 | 37.79 0.14 0.00 | 38.49 0.07 0.00 | 60.04 0.26 0.00 | 36.10 0.02 0.00 | 31.80 -0.16 0.00 | 30.11 -0.29 0.00 | 31.17 -0.46 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 30.86 1.91 0.00 | 28.99 1.65 0.00 | 28.81 1.38 0.00 | 28.29 1.16 0.00 | 28.47 1.12 0.00 | 30.57 1.25 0.00 | 32.09 1.70 0.00 | 31.46 1.99 0.00 | 34.39 2.17 -1.18 | 38.69 2.54 -2.16 | 35.56 2.24 -3.29 | 36.03 2.51 -2.79 | 38.80 2.67 -6.54 | 38.32 3.26 -0.01 | 43.99 3.52 0.00 | 43.80 3.58 -0.09 | 41.19 3.74 -0.36 | 41.29 3.53 -0.12 | 41.60 3.18 0.00 | 63.55 3.77 0.00 | 38.56 2.48 0.00 | 34.29 2.32 0.00 | 36.46 2.28 -3.78 | 34.76 2.32 -0.83 |
| BETHLEHEM___GRP 23843 | 29.16 0.21 0.00 | 27.52 0.19 0.00 | 27.55 0.12 0.00 | 27.16 0.03 0.00 | 27.36 0.01 0.00 | 29.31 -0.01 0.00 | 30.50 0.11 0.00 | 29.71 0.23 0.00 | 31.46 0.23 -0.19 | 34.56 0.22 -0.36 | 30.70 0.14 -0.54 | 31.31 0.12 -0.46 | 30.80 0.13 -1.07 | 35.17 0.12 0.00 | 40.56 0.08 0.00 | 40.24 0.12 0.00 | 37.47 0.38 0.00 | 38.00 0.35 0.00 | 38.75 0.34 0.00 | 59.78 0.01 0.00 | 36.24 0.16 0.00 | 32.26 0.30 0.00 | 30.91 0.51 0.00 | 32.15 0.53 0.00 |
| BETHLEHEM___GS1 323560 | 29.16 0.21 0.00 | 27.52 0.19 0.00 | 27.55 0.12 0.00 | 27.16 0.03 0.00 | 27.36 0.01 0.00 | 29.31 -0.01 0.00 | 30.50 0.11 0.00 | 29.70 0.23 0.00 | 31.46 0.23 -0.19 | 34.56 0.22 -0.36 | 30.70 0.13 -0.54 | 31.31 0.11 -0.46 | 30.79 0.13 -1.07 | 35.17 0.12 0.00 | 40.56 0.08 0.00 | 40.24 0.12 0.00 | 37.47 0.38 0.00 | 38.00 0.35 0.00 | 38.75 0.34 0.00 | 59.78 0.01 0.00 | 36.24 0.16 0.00 | 32.26 0.30 0.00 | 30.91 0.51 0.00 | 32.15 0.53 0.00 |
| BETHLEHEM___GS2 323561 | 29.16 0.21 0.00 | 27.52 0.19 0.00 | 27.55 0.12 0.00 | 27.16 0.03 0.00 | 27.36 0.01 0.00 | 29.31 -0.01 0.00 | 30.50 0.11 0.00 | 29.70 0.23 0.00 | 31.46 0.23 -0.19 | 34.56 0.22 -0.36 | 30.70 0.13 -0.54 | 31.31 0.11 -0.46 | 30.79 0.13 -1.07 | 35.17 0.12 0.00 | 40.56 0.08 0.00 | 40.24 0.12 0.00 | 37.47 0.38 0.00 | 38.00 0.35 0.00 | 38.75 0.34 0.00 | 59.78 0.01 0.00 | 36.24 0.16 0.00 | 32.26 0.30 0.00 | 30.91 0.51 0.00 | 32.15 0.53 0.00 |
| BETHLEHEM___GS3 323562 | 29.16 0.21 0.00 | 27.52 0.19 0.00 | 27.55 0.12 0.00 | 27.16 0.03 0.00 | 27.36 0.01 0.00 | 29.31 -0.01 0.00 | 30.50 0.11 0.00 | 29.70 0.23 0.00 | 31.46 0.23 -0.19 | 34.56 0.22 -0.36 | 30.70 0.13 -0.54 | 31.31 0.11 -0.46 | 30.79 0.13 -1.07 | 35.17 0.12 0.00 | 40.56 0.08 0.00 | 40.24 0.12 0.00 | 37.47 0.38 0.00 | 38.00 0.35 0.00 | 38.75 0.34 0.00 | 59.78 0.01 0.00 | 36.24 0.16 0.00 | 32.26 0.30 0.00 | 30.91 0.51 0.00 | 32.15 0.53 0.00 |
| BETHLEHEM___STEEL 23779 | 28.25 -0.70 0.00 | 26.33 -1.01 0.00 | 26.21 -1.22 0.00 | 25.71 -1.42 0.00 | 25.97 -1.38 0.00 | 27.97 -1.35 0.00 | 28.87 -1.51 0.00 | 28.28 -1.19 0.00 | 29.60 -1.43 0.00 | 33.01 -0.97 0.00 | 29.15 -0.88 0.00 | 30.12 -0.61 0.00 | 29.54 -0.06 0.00 | 34.78 -0.27 0.00 | 40.25 -0.23 0.00 | 39.24 -0.88 0.00 | 36.14 -0.95 0.00 | 36.72 -0.93 0.00 | 37.38 -1.03 0.00 | 58.51 -1.26 0.00 | 35.17 -0.92 0.00 | 30.96 -1.01 0.00 | 29.30 -1.10 0.00 | 30.34 -1.28 0.00 |
| BETHLHEM_115KV_TB1 79974 | 29.23 0.27 0.00 | 27.58 0.25 0.00 | 27.60 0.17 0.00 | 27.22 0.09 0.00 | 27.43 0.08 0.00 | 29.38 0.06 0.00 | 30.57 0.19 0.00 | 29.77 0.30 0.00 | 31.53 0.30 -0.19 | 34.64 0.30 -0.35 | 30.78 0.22 -0.54 | 31.39 0.20 -0.46 | 30.87 0.21 -1.07 | 35.27 0.22 0.00 | 40.68 0.20 0.00 | 40.35 0.23 0.00 | 37.56 0.47 0.00 | 38.09 0.44 0.00 | 38.85 0.43 0.00 | 59.95 0.18 0.00 | 36.32 0.24 0.00 | 32.32 0.36 0.00 | 30.95 0.55 0.00 | 32.18 0.56 0.00 |
| BETHPAGE_CC_5 323564 | 39.76 1.88 -8.93 | 31.76 1.66 -2.77 | 28.74 1.31 0.00 | 28.21 1.08 0.00 | 28.38 1.03 0.00 | 30.58 1.26 0.00 | 32.02 1.63 0.00 | 31.29 1.82 0.00 | 34.07 1.84 -1.19 | 38.22 2.06 -2.18 | 35.34 1.99 -3.31 | 35.79 2.23 -2.83 | 38.49 2.30 -6.60 | 37.83 2.78 0.00 | 43.23 2.75 0.00 | 42.82 2.70 0.00 | 39.98 2.89 0.00 | 40.33 2.68 0.00 | 40.03 2.24 0.62 | 62.27 2.50 0.00 | 37.74 1.66 0.00 | 33.65 1.68 0.00 | 32.30 1.91 0.00 | 33.65 2.03 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 28.34 -0.61 0.00 | 26.41 -0.93 0.00 | 26.29 -1.14 0.00 | 25.78 -1.35 0.00 | 26.04 -1.32 0.00 | 28.05 -1.26 0.00 | 28.97 -1.42 0.00 | 28.37 -1.10 0.00 | 29.71 -1.33 0.00 | 33.15 -0.84 0.00 | 29.28 -0.75 0.00 | 30.24 -0.49 0.00 | 29.67 0.07 0.00 | 34.95 -0.10 0.00 | 40.44 -0.03 0.00 | 39.44 -0.68 0.00 | 36.31 -0.78 0.00 | 36.88 -0.77 0.00 | 37.53 -0.88 0.00 | 58.74 -1.03 0.00 | 35.29 -0.79 0.00 | 31.07 -0.89 0.00 | 29.41 -0.98 0.00 | 30.44 -1.18 0.00 |

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| BINGHAMTON___COGEN 23790 | 29.12 0.17 0.00 | 27.39 0.06 0.00 | 27.42 -0.01 0.00 | 27.03 -0.10 0.00 | 27.26 -0.09 0.00 | 29.30 -0.02 0.00 | 30.45 0.06 0.00 | 29.68 0.20 0.00 | 31.11 0.08 0.00 | 34.22 0.23 0.00 | 30.17 0.14 0.00 | 30.93 0.20 0.00 | 30.01 0.42 0.00 | 35.56 0.51 0.00 | 41.13 0.65 0.00 | 40.69 0.56 0.00 | 37.72 0.63 0.00 | 38.26 0.61 0.00 | 38.99 0.57 0.00 | 60.46 0.68 0.00 | 36.40 0.31 0.00 | 32.23 0.26 0.00 | 30.59 0.19 0.00 | 31.74 0.12 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 28.43 -0.52 0.00 | 26.51 -0.82 0.00 | 26.43 -1.00 0.00 | 25.91 -1.23 0.00 | 26.14 -1.21 0.00 | 28.11 -1.21 0.00 | 29.11 -1.27 0.00 | 28.51 -0.96 0.00 | 30.00 -1.04 0.00 | 33.56 -0.42 0.00 | 29.63 -0.40 0.00 | 30.45 -0.28 0.00 | 29.79 0.19 0.00 | 35.13 0.08 0.00 | 40.83 0.35 0.00 | 39.93 -0.20 0.00 | 36.59 -0.50 0.00 | 37.05 -0.60 0.00 | 37.52 -0.90 0.00 | 58.60 -1.17 0.00 | 35.06 -1.02 0.00 | 30.87 -1.10 0.00 | 29.39 -1.01 0.00 | 30.36 -1.27 0.00 |
| BLACK RIVER___HYD 24047 | 28.62 -0.34 0.00 | 26.93 -0.41 0.00 | 27.11 -0.32 0.00 | 26.96 -0.17 0.00 | 27.26 -0.09 0.00 | 29.31 -0.01 0.00 | 30.49 0.10 0.00 | 29.57 0.09 0.00 | 31.06 0.03 0.00 | 33.94 -0.05 0.00 | 29.88 -0.15 0.00 | 30.52 -0.21 0.00 | 29.31 -0.29 0.00 | 34.78 -0.27 0.00 | 40.27 -0.20 0.00 | 39.85 -0.27 0.00 | 36.97 -0.12 0.00 | 37.93 0.28 0.00 | 39.11 0.70 0.00 | 61.47 1.70 0.00 | 37.01 0.93 0.00 | 32.17 0.20 0.00 | 30.30 -0.10 0.00 | 31.64 0.02 0.00 |
| BLACKRVR_115KV_TB2 79977 | 28.61 -0.34 0.00 | 26.93 -0.41 0.00 | 27.11 -0.32 0.00 | 26.96 -0.17 0.00 | 27.26 -0.09 0.00 | 29.31 -0.01 0.00 | 30.49 0.10 0.00 | 29.57 0.09 0.00 | 31.06 0.03 0.00 | 33.94 -0.05 0.00 | 29.88 -0.15 0.00 | 30.52 -0.21 0.00 | 29.31 -0.29 0.00 | 34.78 -0.27 0.00 | 40.27 -0.20 0.00 | 39.85 -0.27 0.00 | 36.97 -0.12 0.00 | 37.93 0.28 0.00 | 39.11 0.70 0.00 | 61.47 1.70 0.00 | 37.01 0.93 0.00 | 32.17 0.20 0.00 | 30.30 -0.10 0.00 | 31.64 0.02 0.00 |
| BLISS_WT_PWR 323608 | 28.39 -0.56 0.00 | 26.47 -0.86 0.00 | 26.39 -1.04 0.00 | 25.85 -1.28 0.00 | 26.08 -1.27 0.00 | 28.03 -1.29 0.00 | 29.02 -1.37 0.00 | 28.41 -1.07 0.00 | 29.93 -1.10 0.00 | 33.52 -0.46 0.00 | 29.61 -0.42 0.00 | 30.44 -0.29 0.00 | 29.74 0.15 0.00 | 35.08 0.03 0.00 | 40.80 0.32 0.00 | 39.92 -0.20 0.00 | 36.53 -0.56 0.00 | 36.97 -0.68 0.00 | 37.42 -1.00 0.00 | 58.41 -1.36 0.00 | 34.92 -1.16 0.00 | 30.73 -1.24 0.00 | 29.30 -1.10 0.00 | 30.24 -1.38 0.00 |
| BLUESTONE___WT_PWR 323821 | 30.39 1.44 0.00 | 28.55 1.21 0.00 | 28.56 1.14 0.00 | 28.15 1.02 0.00 | 28.40 1.05 0.00 | 30.57 1.25 0.00 | 31.84 1.45 0.00 | 31.03 1.56 0.00 | 32.53 1.50 0.00 | 35.65 1.67 0.00 | 31.31 1.28 0.00 | 32.08 1.35 0.00 | 31.12 1.53 0.00 | 36.91 1.86 0.00 | 42.66 2.18 0.00 | 42.27 2.14 0.00 | 39.27 2.18 0.00 | 39.92 2.27 0.00 | 40.78 2.37 0.00 | 62.82 3.04 0.00 | 37.39 1.31 0.00 | 32.82 0.85 0.00 | 30.93 0.53 0.00 | 32.36 0.74 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 29.59 0.63 0.00 | 27.92 0.59 0.00 | 27.98 0.55 0.00 | 27.60 0.48 0.00 | 27.81 0.46 0.00 | 29.80 0.48 0.00 | 30.98 0.59 0.00 | 30.11 0.63 0.00 | 31.78 0.58 -0.17 | 34.82 0.52 -0.32 | 30.87 0.36 -0.48 | 31.46 0.31 -0.41 | 30.85 0.30 -0.96 | 35.37 0.32 0.00 | 40.80 0.33 0.00 | 40.48 0.36 0.00 | 37.69 0.60 0.00 | 38.31 0.66 0.00 | 39.20 0.78 0.00 | 60.61 0.84 0.00 | 36.75 0.67 0.00 | 32.69 0.73 0.00 | 31.22 0.82 0.00 | 32.46 0.84 0.00 |
| BOC_GAS_DRP 24189 | 29.37 0.42 0.00 | 27.71 0.38 0.00 | 27.74 0.31 0.00 | 27.36 0.23 0.00 | 27.57 0.21 0.00 | 29.54 0.22 0.00 | 30.73 0.34 0.00 | 29.92 0.45 0.00 | 31.68 0.46 -0.19 | 34.82 0.49 -0.34 | 30.94 0.39 -0.52 | 31.56 0.38 -0.44 | 31.04 0.41 -1.04 | 35.52 0.46 0.00 | 40.95 0.47 0.00 | 40.61 0.49 0.00 | 37.77 0.67 0.00 | 38.28 0.63 0.00 | 39.02 0.60 0.00 | 60.25 0.48 0.00 | 36.49 0.40 0.00 | 32.43 0.47 0.00 | 30.95 0.55 0.00 | 32.19 0.57 0.00 |
| BOONVILLE_115KV_TB1 79983 | 29.34 0.38 0.00 | 27.64 0.31 0.00 | 27.73 0.30 0.00 | 27.47 0.34 0.00 | 27.69 0.34 0.00 | 29.77 0.45 0.00 | 30.94 0.56 0.00 | 30.03 0.56 0.00 | 31.54 0.51 0.00 | 34.48 0.50 0.00 | 30.41 0.38 0.00 | 31.14 0.40 0.00 | 30.01 0.41 0.00 | 35.59 0.54 0.00 | 41.18 0.70 0.00 | 40.78 0.66 0.00 | 37.80 0.71 0.00 | 38.60 0.95 0.00 | 39.58 1.17 0.00 | 61.71 1.94 0.00 | 37.19 1.11 0.00 | 32.64 0.68 0.00 | 30.87 0.47 0.00 | 32.12 0.50 0.00 |
| BORALEX_4TH_BRANCH 23824 | 30.38 1.43 0.00 | 28.74 1.41 0.00 | 28.78 1.35 0.00 | 28.38 1.25 0.00 | 28.59 1.24 0.00 | 30.57 1.25 0.00 | 31.82 1.44 0.00 | 30.96 1.49 0.00 | 32.73 1.47 -0.23 | 35.84 1.44 -0.42 | 31.76 1.10 -0.63 | 32.18 0.91 -0.54 | 31.56 0.71 -1.25 | 35.67 0.62 0.00 | 41.11 0.63 0.00 | 40.62 0.50 0.00 | 37.82 0.73 0.00 | 38.42 0.77 0.00 | 39.30 0.89 0.00 | 60.83 1.05 0.00 | 37.04 0.96 0.00 | 33.03 1.06 0.00 | 31.49 1.10 0.00 | 32.90 1.28 0.00 |
| BOWLINE___1 23526 | 30.05 1.10 0.00 | 28.30 0.96 0.00 | 28.17 0.74 0.00 | 27.72 0.59 0.00 | 27.92 0.57 0.00 | 29.96 0.64 0.00 | 31.34 0.96 0.00 | 30.72 1.25 0.00 | 30.49 1.32 1.87 | 32.11 1.54 3.42 | 26.17 1.33 5.19 | 27.79 1.46 4.41 | 20.85 1.58 10.33 | 37.03 1.97 0.00 | 42.61 2.13 0.00 | 42.35 2.23 0.00 | 39.54 2.45 0.00 | 39.95 2.30 0.00 | 40.42 2.00 0.00 | 61.87 2.09 0.00 | 37.48 1.40 0.00 | 33.28 1.32 0.00 | 31.70 1.30 0.00 | 33.00 1.37 0.00 |
| BOWLINE___2 23595 | 30.08 1.12 0.00 | 28.32 0.98 0.00 | 28.17 0.74 0.00 | 27.72 0.59 0.00 | 27.92 0.57 0.00 | 29.98 0.66 0.00 | 31.37 0.98 0.00 | 30.75 1.27 0.00 | 30.52 1.36 1.87 | 32.16 1.59 3.42 | 26.21 1.38 5.20 | 27.83 1.51 4.41 | 20.90 1.64 10.34 | 37.09 2.04 0.00 | 42.68 2.20 0.00 | 42.43 2.31 0.00 | 39.61 2.51 0.00 | 40.02 2.37 0.00 | 40.48 2.07 0.00 | 61.98 2.21 0.00 | 37.54 1.46 0.00 | 33.34 1.37 0.00 | 31.75 1.35 0.00 | 33.04 1.42 0.00 |
| BRADY___115KV_TB2 356060 | 29.02 0.07 0.00 | 27.51 0.17 0.00 | 27.71 0.28 0.00 | 27.66 0.53 0.00 | 27.93 0.59 0.00 | 29.94 0.63 0.00 | 30.88 0.50 0.00 | 29.79 0.32 0.00 | 31.31 0.28 0.00 | 34.08 0.10 0.00 | 30.12 0.09 0.00 | 30.71 -0.02 0.00 | 29.30 -0.30 0.00 | 34.66 -0.39 0.00 | 40.07 -0.41 0.00 | 39.67 -0.45 0.00 | 36.16 -0.94 0.00 | 36.93 -0.72 0.00 | 37.93 -0.48 0.00 | 60.51 0.74 0.00 | 36.49 0.40 0.00 | 32.19 0.23 0.00 | 30.61 0.21 0.00 | 31.90 0.29 0.00 |
| BRANSCOMB___SOLAR 323811 | 30.72 1.77 0.00 | 28.90 1.57 0.00 | 28.93 1.50 0.00 | 28.53 1.40 0.00 | 28.74 1.39 0.00 | 30.83 1.51 0.00 | 32.15 1.76 0.00 | 31.26 1.79 0.00 | 32.97 1.74 -0.19 | 36.05 1.71 -0.35 | 31.83 1.27 -0.53 | 32.38 1.20 -0.45 | 31.83 1.18 -1.06 | 36.35 1.30 0.00 | 42.04 1.56 0.00 | 41.87 1.75 0.00 | 39.01 1.91 0.00 | 39.78 2.13 0.00 | 40.87 2.45 0.00 | 63.25 3.48 0.00 | 38.54 2.46 0.00 | 34.16 2.19 0.00 | 32.33 1.93 0.00 | 33.68 2.06 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 40.01 2.13 -8.93 | 31.98 1.88 -2.77 | 28.94 1.51 0.00 | 28.41 1.28 0.00 | 28.58 1.23 0.00 | 30.81 1.50 0.00 | 32.27 1.89 0.00 | 31.48 2.01 0.00 | 34.24 2.01 -1.19 | 38.40 2.23 -2.18 | 35.54 2.20 -3.31 | 35.99 2.44 -2.83 | 38.66 2.47 -6.60 | 38.09 3.04 0.00 | 43.57 3.09 0.00 | 43.11 2.99 0.00 | 40.17 3.08 0.00 | 40.51 2.86 0.00 | 40.12 2.42 0.71 | 62.68 2.91 0.00 | 38.00 1.92 0.00 | 33.77 1.81 0.00 | 32.45 2.05 0.00 | 33.80 2.17 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 28.72 -0.23 0.00 | 27.02 -0.31 0.00 | 27.04 -0.39 0.00 | 26.68 -0.45 0.00 | 26.91 -0.44 0.00 | 28.88 -0.44 0.00 | 29.95 -0.44 0.00 | 29.04 -0.43 0.00 | 30.49 -0.54 0.00 | 33.43 -0.55 0.00 | 29.51 -0.52 0.00 | 30.26 -0.47 0.00 | 29.28 -0.31 0.00 | 34.70 -0.35 0.00 | 40.09 -0.38 0.00 | 39.74 -0.38 0.00 | 36.88 -0.21 0.00 | 37.50 -0.15 0.00 | 38.32 -0.10 0.00 | 59.52 -0.25 0.00 | 35.92 -0.16 0.00 | 31.76 -0.20 0.00 | 30.14 -0.26 0.00 | 31.29 -0.33 0.00 |
| BROOKHAVEN___DRP 24191 | 39.76 1.88 -8.93 | 31.75 1.64 -2.77 | 28.71 1.28 0.00 | 28.14 1.01 0.00 | 28.31 0.96 0.00 | 30.58 1.26 0.00 | 32.04 1.65 0.00 | 31.19 1.72 0.00 | 33.89 1.66 -1.19 | 38.02 1.86 -2.18 | 35.18 1.84 -3.31 | 35.63 2.07 -2.83 | 38.32 2.13 -6.60 | 37.73 2.67 0.00 | 43.16 2.68 0.00 | 42.65 2.53 0.00 | 39.95 2.85 0.00 | 40.31 2.66 0.00 | 39.87 2.18 0.72 | 62.18 2.41 0.00 | 37.62 1.54 0.00 | 33.42 1.46 0.00 | 32.14 1.75 0.00 | 33.46 1.85 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 30.48 1.52 0.00 | 28.65 1.32 0.00 | 28.48 1.05 0.00 | 27.99 0.86 0.00 | 28.17 0.82 0.00 | 30.21 0.89 0.00 | 31.69 1.30 0.00 | 31.11 1.64 0.00 | 34.00 1.79 -1.18 | 38.27 2.13 -2.16 | 35.18 1.87 -3.29 | 35.58 2.06 -2.79 | 38.32 2.19 -6.54 | 37.76 2.71 0.00 | 43.35 2.87 0.00 | 43.10 2.98 0.00 | 40.27 3.17 0.00 | 40.62 2.97 0.00 | 41.10 2.68 0.00 | 62.82 3.04 0.00 | 38.09 2.01 0.00 | 33.86 1.90 0.00 | 32.25 1.86 0.00 | 33.50 1.88 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| BROOKVLE_69_KV_TB1 55790 | 39.99 2.11 -8.93 | 31.95 1.85 -2.77 | 28.94 1.52 0.00 | 28.41 1.28 0.00 | 28.59 1.24 0.00 | 30.78 1.46 0.00 | 32.25 1.86 0.00 | 31.51 2.04 0.00 | 34.39 2.17 -1.19 | 38.63 2.46 -2.18 | 35.72 2.37 -3.31 | 36.24 2.68 -2.83 | 38.96 2.77 -6.60 | 38.45 3.40 0.00 | 43.96 3.49 0.00 | 43.57 3.45 0.00 | 40.68 3.58 0.00 | 41.02 3.37 0.00 | 41.00 2.95 0.36 | 63.27 3.50 0.00 | 38.33 2.25 0.00 | 34.13 2.17 0.00 | 32.67 2.27 0.00 | 33.97 2.35 0.00 |
| BROOME_2_LFGE 323671 | 29.12 0.17 0.00 | 27.40 0.06 0.00 | 27.42 -0.01 0.00 | 27.03 -0.10 0.00 | 27.26 -0.09 0.00 | 29.29 -0.02 0.00 | 30.45 0.06 0.00 | 29.68 0.21 0.00 | 31.11 0.08 0.00 | 34.21 0.23 0.00 | 30.16 0.14 0.00 | 30.93 0.20 0.00 | 30.01 0.42 0.00 | 35.56 0.51 0.00 | 41.12 0.65 0.00 | 40.69 0.56 0.00 | 37.72 0.63 0.00 | 38.26 0.61 0.00 | 38.99 0.57 0.00 | 60.46 0.69 0.00 | 36.40 0.31 0.00 | 32.23 0.26 0.00 | 30.59 0.19 0.00 | 31.74 0.12 0.00 |
| BROOME___LFGE 323600 | 29.12 0.17 0.00 | 27.40 0.06 0.00 | 27.42 -0.01 0.00 | 27.03 -0.10 0.00 | 27.26 -0.09 0.00 | 29.29 -0.02 0.00 | 30.45 0.06 0.00 | 29.68 0.21 0.00 | 31.11 0.08 0.00 | 34.21 0.23 0.00 | 30.16 0.14 0.00 | 30.93 0.20 0.00 | 30.01 0.42 0.00 | 35.56 0.51 0.00 | 41.12 0.65 0.00 | 40.69 0.56 0.00 | 37.72 0.63 0.00 | 38.26 0.61 0.00 | 38.99 0.57 0.00 | 60.46 0.69 0.00 | 36.40 0.31 0.00 | 32.23 0.26 0.00 | 30.59 0.19 0.00 | 31.74 0.12 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 28.26 -0.69 0.00 | 26.71 -0.62 0.00 | 26.91 -0.52 0.00 | 26.83 -0.30 0.00 | 27.11 -0.24 0.00 | 29.09 -0.22 0.00 | 30.14 -0.25 0.00 | 29.15 -0.32 0.00 | 30.69 -0.34 0.00 | 33.47 -0.52 0.00 | 29.55 -0.47 0.00 | 30.25 -0.48 0.00 | 28.85 -0.75 0.00 | 34.19 -0.86 0.00 | 39.62 -0.85 0.00 | 39.05 -1.07 0.00 | 35.87 -1.22 0.00 | 36.95 -0.70 0.00 | 37.96 -0.46 0.00 | 60.02 0.24 0.00 | 36.01 -0.07 0.00 | 31.55 -0.41 0.00 | 29.89 -0.51 0.00 | 31.26 -0.36 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 30.86 1.91 0.00 | 29.01 1.68 0.00 | 28.83 1.40 0.00 | 28.31 1.18 0.00 | 28.49 1.14 0.00 | 30.59 1.27 0.00 | 32.08 1.70 0.00 | 31.49 2.01 0.00 | 34.41 2.19 -1.18 | 38.75 2.60 -2.16 | 35.63 2.32 -3.29 | 36.05 2.53 -2.79 | 38.79 2.66 -6.54 | 38.29 3.24 0.00 | 43.99 3.51 0.00 | 43.71 3.59 0.00 | 40.82 3.72 0.00 | 41.17 3.53 0.00 | 41.65 3.23 0.00 | 63.68 3.91 0.00 | 38.63 2.54 0.00 | 34.31 2.35 0.00 | 32.68 2.29 0.00 | 33.93 2.31 0.00 |
| BURROWS___LYONSDAL 23803 | 29.17 0.22 0.00 | 27.49 0.15 0.00 | 27.61 0.18 0.00 | 27.37 0.24 0.00 | 27.62 0.27 0.00 | 29.68 0.37 0.00 | 30.85 0.47 0.00 | 29.94 0.46 0.00 | 31.44 0.41 0.00 | 34.36 0.38 0.00 | 30.29 0.26 0.00 | 31.00 0.27 0.00 | 29.85 0.26 0.00 | 35.39 0.34 0.00 | 40.97 0.49 0.00 | 40.56 0.44 0.00 | 37.58 0.49 0.00 | 38.41 0.76 0.00 | 39.42 1.01 0.00 | 61.56 1.79 0.00 | 37.08 1.00 0.00 | 32.46 0.50 0.00 | 30.66 0.26 0.00 | 31.94 0.33 0.00 |
| CAITHNESS_CC_1 323624 | 39.71 1.83 -8.93 | 31.70 1.60 -2.77 | 28.67 1.24 0.00 | 28.11 0.98 0.00 | 28.28 0.93 0.00 | 30.53 1.22 0.00 | 31.98 1.59 0.00 | 31.15 1.68 0.00 | 33.86 1.63 -1.19 | 37.98 1.82 -2.18 | 35.14 1.80 -3.31 | 35.57 2.01 -2.83 | 38.28 2.09 -6.60 | 37.66 2.61 0.00 | 43.07 2.60 0.00 | 42.57 2.44 0.00 | 39.84 2.75 0.00 | 40.20 2.55 0.00 | 39.78 2.09 0.72 | 62.06 2.29 0.00 | 37.55 1.46 0.00 | 33.36 1.40 0.00 | 32.10 1.70 0.00 | 33.42 1.80 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 39.75 1.88 -8.93 | 31.75 1.65 -2.77 | 28.73 1.30 0.00 | 28.20 1.07 0.00 | 28.37 1.02 0.00 | 30.56 1.25 0.00 | 32.00 1.62 0.00 | 31.27 1.80 0.00 | 34.06 1.84 -1.19 | 38.23 2.06 -2.18 | 35.36 2.01 -3.31 | 35.82 2.26 -2.83 | 38.51 2.32 -6.60 | 37.86 2.80 0.00 | 43.21 2.73 0.00 | 42.80 2.68 0.00 | 39.97 2.88 0.00 | 40.32 2.67 0.00 | 40.07 2.24 0.58 | 62.26 2.49 0.00 | 37.74 1.65 0.00 | 33.69 1.72 0.00 | 32.30 1.91 0.00 | 33.66 2.04 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 39.76 1.88 -8.93 | 31.75 1.65 -2.77 | 28.73 1.30 0.00 | 28.20 1.07 0.00 | 28.37 1.02 0.00 | 30.56 1.25 0.00 | 32.01 1.62 0.00 | 31.27 1.80 0.00 | 34.06 1.84 -1.19 | 38.22 2.06 -2.18 | 35.35 2.01 -3.31 | 35.81 2.25 -2.83 | 38.51 2.32 -6.60 | 37.85 2.80 0.00 | 43.21 2.73 0.00 | 42.80 2.68 0.00 | 39.97 2.88 0.00 | 40.32 2.67 0.00 | 40.07 2.23 0.58 | 62.26 2.48 0.00 | 37.74 1.65 0.00 | 33.68 1.72 0.00 | 32.31 1.91 0.00 | 33.66 2.04 0.00 |
| CALPINE_BP_GT1 23823 | 39.76 1.88 -8.93 | 31.75 1.65 -2.77 | 28.73 1.30 0.00 | 28.20 1.07 0.00 | 28.37 1.02 0.00 | 30.56 1.25 0.00 | 32.01 1.62 0.00 | 31.27 1.80 0.00 | 34.06 1.84 -1.19 | 38.22 2.06 -2.18 | 35.35 2.01 -3.31 | 35.81 2.25 -2.83 | 38.51 2.32 -6.60 | 37.85 2.80 0.00 | 43.21 2.73 0.00 | 42.80 2.68 0.00 | 39.97 2.88 0.00 | 40.32 2.67 0.00 | 40.07 2.23 0.58 | 62.26 2.48 0.00 | 37.74 1.65 0.00 | 33.68 1.72 0.00 | 32.31 1.91 0.00 | 33.66 2.04 0.00 |
| CALSPAN___DRP 24200 | 28.25 -0.70 0.00 | 26.33 -1.01 0.00 | 26.21 -1.22 0.00 | 25.71 -1.42 0.00 | 25.97 -1.38 0.00 | 27.97 -1.35 0.00 | 28.87 -1.51 0.00 | 28.28 -1.19 0.00 | 29.60 -1.43 0.00 | 33.01 -0.97 0.00 | 29.15 -0.88 0.00 | 30.12 -0.61 0.00 | 29.54 -0.06 0.00 | 34.78 -0.27 0.00 | 40.25 -0.23 0.00 | 39.24 -0.88 0.00 | 36.14 -0.95 0.00 | 36.72 -0.93 0.00 | 37.38 -1.03 0.00 | 58.51 -1.26 0.00 | 35.17 -0.92 0.00 | 30.96 -1.01 0.00 | 29.30 -1.10 0.00 | 30.34 -1.28 0.00 |

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| CALVERTON___SOLAR 323806 | 39.86 1.98 -8.93 | 31.84 1.73 -2.77 | 28.79 1.36 0.00 | 28.22 1.09 0.00 | 28.38 1.03 0.00 | 30.68 1.36 0.00 | 32.14 1.75 0.00 | 31.28 1.81 0.00 | 33.98 1.76 -1.19 | 38.13 1.96 -2.18 | 35.27 1.92 -3.31 | 35.71 2.15 -2.83 | 38.42 2.23 -6.60 | 37.86 2.81 0.00 | 43.32 2.85 0.00 | 42.82 2.70 0.00 | 40.12 3.02 0.00 | 40.48 2.83 0.00 | 40.05 2.36 0.72 | 62.43 2.66 0.00 | 37.77 1.69 0.00 | 33.54 1.58 0.00 | 32.25 1.85 0.00 | 33.56 1.95 0.00 |
| CANDIGU_WT_PWR 323617 | 28.10 -0.85 0.00 | 26.27 -1.06 0.00 | 26.25 -1.18 0.00 | 25.71 -1.42 0.00 | 26.05 -1.30 0.00 | 28.08 -1.24 0.00 | 29.14 -1.25 0.00 | 28.52 -0.95 0.00 | 29.69 -1.34 0.00 | 32.99 -0.99 0.00 | 29.03 -0.99 0.00 | 29.77 -0.97 0.00 | 29.20 -0.40 0.00 | 34.55 -0.50 0.00 | 40.24 -0.23 0.00 | 39.52 -0.60 0.00 | 36.33 -0.77 0.00 | 36.87 -0.78 0.00 | 37.47 -0.94 0.00 | 58.18 -1.60 0.00 | 34.71 -1.37 0.00 | 30.55 -1.42 0.00 | 28.90 -1.50 0.00 | 29.92 -1.70 0.00 |
| CARR STREET_E_SYR 24060 | 28.85 -0.10 0.00 | 27.14 -0.19 0.00 | 27.15 -0.27 0.00 | 26.79 -0.33 0.00 | 27.02 -0.33 0.00 | 29.00 -0.32 0.00 | 30.08 -0.30 0.00 | 29.19 -0.29 0.00 | 30.66 -0.38 0.00 | 33.67 -0.31 0.00 | 29.75 -0.28 0.00 | 30.54 -0.20 0.00 | 29.57 -0.02 0.00 | 35.04 -0.01 0.00 | 40.45 -0.03 0.00 | 40.03 -0.09 0.00 | 37.16 0.07 0.00 | 37.76 0.11 0.00 | 38.52 0.10 0.00 | 59.76 -0.02 0.00 | 36.04 -0.04 0.00 | 31.96 -0.01 0.00 | 30.31 -0.08 0.00 | 31.47 -0.15 0.00 |
| CARTHAGE___PAPER 23857 | 28.78 -0.17 0.00 | 27.12 -0.21 0.00 | 27.31 -0.12 0.00 | 27.19 0.06 0.00 | 27.49 0.13 0.00 | 29.55 0.23 0.00 | 30.72 0.33 0.00 | 29.76 0.28 0.00 | 31.25 0.22 0.00 | 34.07 0.08 0.00 | 30.00 -0.03 0.00 | 30.64 -0.09 0.00 | 29.38 -0.21 0.00 | 34.85 -0.20 0.00 | 40.39 -0.09 0.00 | 39.95 -0.17 0.00 | 36.97 -0.13 0.00 | 37.96 0.32 0.00 | 39.15 0.74 0.00 | 61.59 1.82 0.00 | 37.07 0.99 0.00 | 32.25 0.28 0.00 | 30.40 0.00 0.00 | 31.76 0.14 0.00 |
| CASSADAGA_WT_PWR 323784 | 28.86 -0.09 0.00 | 26.93 -0.41 0.00 | 26.71 -0.72 0.00 | 25.68 -1.45 0.00 | 25.56 -1.79 0.00 | 27.51 -1.81 0.00 | 28.75 -1.64 0.00 | 28.43 -1.04 0.00 | 29.90 -1.13 0.00 | 33.67 -0.32 0.00 | 29.88 -0.15 0.00 | 30.98 0.25 0.00 | 30.46 0.87 0.00 | 35.90 0.85 0.00 | 41.48 1.00 0.00 | 40.38 0.26 0.00 | 36.96 -0.14 0.00 | 37.22 -0.43 0.00 | 37.53 -0.89 0.00 | 58.34 -1.44 0.00 | 34.80 -1.28 0.00 | 30.79 -1.17 0.00 | 28.96 -1.43 0.00 | 30.04 -1.59 0.00 |
| CE_DUNWOOD___DRP 24194 | 30.32 1.37 0.00 | 28.52 1.18 0.00 | 28.37 0.94 0.00 | 27.90 0.77 0.00 | 28.09 0.74 0.00 | 30.16 0.84 0.00 | 31.59 1.20 0.00 | 30.95 1.48 0.00 | 33.89 1.60 -1.26 | 38.16 1.87 -2.31 | 35.19 1.66 -3.51 | 35.51 1.81 -2.98 | 38.48 1.91 -6.97 | 37.39 2.34 0.00 | 43.00 2.53 0.00 | 42.74 2.62 0.00 | 39.89 2.79 0.00 | 40.29 2.64 0.00 | 40.79 2.38 0.00 | 62.42 2.65 0.00 | 37.82 1.74 0.00 | 33.60 1.64 0.00 | 32.02 1.62 0.00 | 33.29 1.66 0.00 |
| CE_MILLWOOD___DRP 24193 | 30.24 1.29 0.00 | 28.45 1.12 0.00 | 28.32 0.89 0.00 | 27.85 0.72 0.00 | 28.04 0.69 0.00 | 30.10 0.78 0.00 | 31.52 1.13 0.00 | 30.88 1.41 0.00 | 33.87 1.52 -1.32 | 38.18 1.78 -2.42 | 35.27 1.57 -3.67 | 35.56 1.71 -3.12 | 38.72 1.82 -7.30 | 37.28 2.23 0.00 | 42.89 2.41 0.00 | 42.63 2.50 0.00 | 39.78 2.68 0.00 | 40.19 2.54 0.00 | 40.68 2.26 0.00 | 62.29 2.52 0.00 | 37.74 1.65 0.00 | 33.51 1.55 0.00 | 31.94 1.54 0.00 | 33.21 1.59 0.00 |
| CE_NYC2_DRP 24202 | 30.55 1.60 0.00 | 28.72 1.39 0.00 | 28.56 1.13 0.00 | 28.05 0.93 0.00 | 28.25 0.90 0.00 | 30.32 1.00 0.00 | 31.82 1.43 0.00 | 31.22 1.74 0.00 | 34.12 1.90 -1.18 | 38.37 2.23 -2.16 | 35.28 1.96 -3.29 | 35.69 2.17 -2.79 | 38.43 2.29 -6.54 | 37.85 2.80 0.00 | 43.43 2.95 0.00 | 43.14 3.02 0.00 | 40.31 3.21 0.00 | 40.64 3.00 0.00 | 41.10 2.68 0.00 | 62.84 3.06 0.00 | 38.12 2.03 0.00 | 33.89 1.92 0.00 | 32.32 1.92 0.00 | 33.57 1.95 0.00 |
| CE_NYC_DRP 24195 | 30.52 1.57 0.00 | 28.69 1.36 0.00 | 28.53 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.27 0.95 0.00 | 31.74 1.35 0.00 | 31.14 1.67 0.00 | 34.06 1.84 -1.18 | 38.32 2.18 -2.16 | 35.25 1.93 -3.29 | 35.66 2.14 -2.79 | 38.39 2.25 -6.54 | 37.81 2.75 0.00 | 43.42 2.94 0.00 | 43.15 3.03 0.00 | 40.30 3.20 0.00 | 40.66 3.01 0.00 | 41.14 2.72 0.00 | 62.89 3.12 0.00 | 38.15 2.07 0.00 | 33.90 1.94 0.00 | 32.29 1.90 0.00 | 33.55 1.94 0.00 |
| CHAFFEE___LFGE 323603 | 28.38 -0.57 0.00 | 26.45 -0.88 0.00 | 26.33 -1.10 0.00 | 25.81 -1.32 0.00 | 26.09 -1.26 0.00 | 28.11 -1.21 0.00 | 29.04 -1.35 0.00 | 28.47 -1.00 0.00 | 29.80 -1.23 0.00 | 33.22 -0.76 0.00 | 29.35 -0.68 0.00 | 30.33 -0.40 0.00 | 29.73 0.13 0.00 | 35.00 -0.05 0.00 | 40.51 0.03 0.00 | 39.51 -0.61 0.00 | 36.40 -0.69 0.00 | 36.98 -0.68 0.00 | 37.62 -0.80 0.00 | 58.87 -0.90 0.00 | 35.38 -0.70 0.00 | 31.17 -0.79 0.00 | 29.49 -0.91 0.00 | 30.50 -1.12 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 29.01 0.05 0.00 | 27.47 0.13 0.00 | 27.64 0.21 0.00 | 27.62 0.49 0.00 | 27.94 0.60 0.00 | 29.97 0.65 0.00 | 31.05 0.66 0.00 | 30.02 0.54 0.00 | 31.78 0.75 0.00 | 34.62 0.64 0.00 | 30.71 0.68 0.00 | 31.27 0.53 0.00 | 29.83 0.24 0.00 | 35.29 0.24 0.00 | 40.86 0.38 0.00 | 40.50 0.38 0.00 | 37.01 -0.08 0.00 | 37.67 0.02 0.00 | 38.60 0.19 0.00 | 60.65 0.88 0.00 | 36.50 0.41 0.00 | 32.01 0.04 0.00 | 30.27 -0.12 0.00 | 31.29 -0.33 0.00 |
| CHATEAUG_WT_PWR 323614 | 28.97 0.01 0.00 | 27.43 0.10 0.00 | 27.60 0.17 0.00 | 27.56 0.43 0.00 | 27.89 0.54 0.00 | 29.90 0.59 0.00 | 30.98 0.60 0.00 | 29.95 0.48 0.00 | 31.74 0.71 0.00 | 34.61 0.63 0.00 | 30.70 0.67 0.00 | 31.26 0.52 0.00 | 29.84 0.25 0.00 | 35.31 0.26 0.00 | 40.87 0.39 0.00 | 40.52 0.39 0.00 | 37.02 -0.07 0.00 | 37.67 0.02 0.00 | 38.54 0.12 0.00 | 60.49 0.71 0.00 | 36.36 0.28 0.00 | 31.88 -0.08 0.00 | 30.18 -0.22 0.00 | 31.18 -0.44 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 29.01 0.05 0.00 | 27.47 0.13 0.00 | 27.64 0.21 0.00 | 27.62 0.49 0.00 | 27.94 0.60 0.00 | 29.97 0.65 0.00 | 31.05 0.66 0.00 | 30.02 0.54 0.00 | 31.78 0.75 0.00 | 34.62 0.64 0.00 | 30.71 0.68 0.00 | 31.27 0.53 0.00 | 29.83 0.24 0.00 | 35.29 0.24 0.00 | 40.86 0.38 0.00 | 40.50 0.38 0.00 | 37.01 -0.08 0.00 | 37.67 0.02 0.00 | 38.60 0.19 0.00 | 60.65 0.88 0.00 | 36.50 0.41 0.00 | 32.01 0.04 0.00 | 30.27 -0.12 0.00 | 31.29 -0.33 0.00 |
| CHAUTAUQUA___LFGE 323629 | 28.51 -0.44 0.00 | 26.61 -0.72 0.00 | 26.47 -0.96 0.00 | 25.71 -1.42 0.00 | 25.78 -1.57 0.00 | 27.79 -1.53 0.00 | 28.90 -1.49 0.00 | 28.43 -1.04 0.00 | 29.74 -1.29 0.00 | 33.35 -0.63 0.00 | 29.50 -0.53 0.00 | 30.54 -0.19 0.00 | 30.03 0.44 0.00 | 35.39 0.34 0.00 | 40.99 0.51 0.00 | 39.95 -0.17 0.00 | 36.65 -0.44 0.00 | 37.02 -0.63 0.00 | 37.49 -0.92 0.00 | 58.52 -1.25 0.00 | 35.01 -1.07 0.00 | 30.92 -1.05 0.00 | 29.19 -1.21 0.00 | 30.25 -1.37 0.00 |
| CHERRYST_13_KV_LD 356241 | 30.61 1.66 0.00 | 28.79 1.45 0.00 | 28.61 1.18 0.00 | 28.12 0.99 0.00 | 28.31 0.95 0.00 | 30.37 1.06 0.00 | 31.86 1.47 0.00 | 31.27 1.80 0.00 | 34.18 1.97 -1.18 | 38.49 2.34 -2.16 | 35.40 2.08 -3.29 | 35.82 2.30 -2.79 | 38.55 2.42 -6.54 | 38.01 2.96 0.00 | 43.64 3.16 0.00 | 43.37 3.25 0.00 | 40.49 3.40 0.00 | 40.85 3.20 0.00 | 41.31 2.90 0.00 | 63.16 3.39 0.00 | 38.29 2.21 0.00 | 34.02 2.05 0.00 | 32.40 2.00 0.00 | 33.65 2.03 0.00 |

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| CHESTROR_138KV_BK263 355645 | 29.96 1.01 0.00 | 28.21 0.87 0.00 | 28.10 0.67 0.00 | 27.66 0.53 0.00 | 27.87 0.52 0.00 | 29.91 0.59 0.00 | 31.26 0.87 0.00 | 30.60 1.12 0.00 | 31.07 1.19 1.15 | 33.26 1.39 2.11 | 28.03 1.21 3.20 | 29.34 1.32 2.72 | 24.66 1.43 6.36 | 36.83 1.78 0.00 | 42.41 1.93 0.00 | 42.16 2.04 0.00 | 39.33 2.23 0.00 | 39.79 2.14 0.00 | 40.33 1.92 0.00 | 61.90 2.13 0.00 | 37.47 1.38 0.00 | 33.24 1.28 0.00 | 31.65 1.25 0.00 | 32.91 1.28 0.00 |
| CH_MIDHUDSON___DRP 24192 | 30.22 1.27 0.00 | 28.43 1.09 0.00 | 28.32 0.89 0.00 | 27.87 0.74 0.00 | 28.06 0.71 0.00 | 30.12 0.80 0.00 | 31.46 1.07 0.00 | 30.74 1.27 0.00 | 32.63 1.36 -0.23 | 36.00 1.59 -0.42 | 32.06 1.38 -0.65 | 32.77 1.49 -0.55 | 32.49 1.69 -1.21 | 37.14 2.09 0.00 | 42.77 2.29 0.00 | 42.53 2.40 0.00 | 39.68 2.59 0.00 | 40.15 2.50 0.00 | 40.71 2.30 0.00 | 62.39 2.61 0.00 | 37.77 1.69 0.00 | 33.54 1.58 0.00 | 31.93 1.54 0.00 | 33.18 1.56 0.00 |
| CH_MISC_IPPS 23765 | 30.39 1.44 0.00 | 28.58 1.24 0.00 | 28.46 1.03 0.00 | 28.01 0.88 0.00 | 28.20 0.84 0.00 | 30.26 0.95 0.00 | 31.74 1.35 0.00 | 31.14 1.66 0.00 | 32.82 1.79 0.00 | 36.06 2.08 0.00 | 31.88 1.85 0.00 | 32.75 2.02 0.00 | 31.59 2.00 0.00 | 37.47 2.42 0.00 | 43.17 2.70 0.00 | 42.95 2.82 0.00 | 40.08 2.99 0.00 | 40.56 2.91 0.00 | 41.10 2.69 0.00 | 63.01 3.24 0.00 | 38.11 2.03 0.00 | 33.80 1.84 0.00 | 32.16 1.76 0.00 | 33.40 1.78 0.00 |
| CH_RES_BVR_FALLS 23983 | 28.56 -0.39 0.00 | 27.06 -0.27 0.00 | 27.26 -0.17 0.00 | 27.13 0.00 0.00 | 27.35 0.00 0.00 | 29.31 -0.01 0.00 | 30.31 -0.08 0.00 | 29.33 -0.14 0.00 | 30.95 -0.08 0.00 | 33.84 -0.14 0.00 | 29.92 -0.11 0.00 | 30.55 -0.19 0.00 | 29.27 -0.32 0.00 | 34.64 -0.41 0.00 | 40.05 -0.42 0.00 | 39.70 -0.42 0.00 | 36.47 -0.63 0.00 | 37.03 -0.62 0.00 | 37.87 -0.54 0.00 | 59.38 -0.39 0.00 | 35.60 -0.48 0.00 | 31.36 -0.60 0.00 | 29.80 -0.60 0.00 | 31.08 -0.54 0.00 |
| CH_RES_NIAGARA 23895 | 27.36 -1.59 0.00 | 25.51 -1.83 0.00 | 25.37 -2.06 0.00 | 24.92 -2.21 0.00 | 25.21 -2.14 0.00 | 27.14 -2.18 0.00 | 27.91 -2.47 0.00 | 27.28 -2.20 0.00 | 28.56 -2.47 0.00 | 31.80 -2.19 0.00 | 28.09 -1.94 0.00 | 28.98 -1.75 0.00 | 28.36 -1.23 0.00 | 33.30 -1.76 0.00 | 38.44 -2.04 0.00 | 37.41 -2.71 0.00 | 34.53 -2.56 0.00 | 35.20 -2.45 0.00 | 35.92 -2.49 0.00 | 56.44 -3.33 0.00 | 34.00 -2.08 0.00 | 29.93 -2.03 0.00 | 28.37 -2.03 0.00 | 29.41 -2.21 0.00 |
| CH_RES_SYRACUSE 23985 | 29.11 0.15 0.00 | 27.37 0.04 0.00 | 27.40 -0.04 0.00 | 27.01 -0.12 0.00 | 27.26 -0.09 0.00 | 29.27 -0.05 0.00 | 30.36 -0.03 0.00 | 29.44 -0.03 0.00 | 30.90 -0.13 0.00 | 33.94 -0.04 0.00 | 29.94 -0.09 0.00 | 30.74 0.01 0.00 | 29.78 0.18 0.00 | 35.33 0.28 0.00 | 40.82 0.34 0.00 | 40.40 0.28 0.00 | 37.53 0.44 0.00 | 38.14 0.50 0.00 | 38.93 0.51 0.00 | 60.37 0.60 0.00 | 36.37 0.29 0.00 | 32.19 0.23 0.00 | 30.53 0.13 0.00 | 31.70 0.08 0.00 |
| CLINTON_WT_PWR 323605 | 28.97 0.01 0.00 | 27.43 0.10 0.00 | 27.60 0.17 0.00 | 27.56 0.43 0.00 | 27.89 0.54 0.00 | 29.90 0.59 0.00 | 30.98 0.60 0.00 | 29.95 0.48 0.00 | 31.74 0.71 0.00 | 34.61 0.63 0.00 | 30.70 0.67 0.00 | 31.26 0.52 0.00 | 29.84 0.25 0.00 | 35.31 0.26 0.00 | 40.87 0.39 0.00 | 40.52 0.39 0.00 | 37.02 -0.07 0.00 | 37.67 0.02 0.00 | 38.54 0.12 0.00 | 60.49 0.71 0.00 | 36.36 0.28 0.00 | 31.88 -0.08 0.00 | 30.18 -0.22 0.00 | 31.18 -0.44 0.00 |
| CLINTON___LFGE 323618 | 29.82 0.87 0.00 | 28.14 0.81 0.00 | 28.26 0.84 0.00 | 28.19 1.06 0.00 | 28.60 1.26 0.00 | 30.72 1.41 0.00 | 32.01 1.62 0.00 | 30.99 1.51 0.00 | 32.75 1.72 0.00 | 35.61 1.63 0.00 | 31.64 1.61 0.00 | 32.21 1.48 0.00 | 30.68 1.09 0.00 | 36.30 1.25 0.00 | 42.07 1.60 0.00 | 41.73 1.61 0.00 | 38.03 0.94 0.00 | 38.66 1.01 0.00 | 39.55 1.14 0.00 | 61.89 2.12 0.00 | 37.40 1.31 0.00 | 32.72 0.76 0.00 | 30.98 0.58 0.00 | 31.96 0.34 0.00 |
| COBBLENY_34_KV_TB1 80064 | 28.39 -0.56 0.00 | 26.45 -0.89 0.00 | 26.33 -1.10 0.00 | 25.83 -1.31 0.00 | 26.09 -1.26 0.00 | 28.11 -1.21 0.00 | 29.03 -1.35 0.00 | 28.47 -1.00 0.00 | 29.80 -1.23 0.00 | 33.24 -0.75 0.00 | 29.34 -0.69 0.00 | 30.30 -0.43 0.00 | 29.72 0.13 0.00 | 35.00 -0.05 0.00 | 40.51 0.03 0.00 | 39.51 -0.61 0.00 | 36.40 -0.70 0.00 | 36.98 -0.67 0.00 | 37.62 -0.80 0.00 | 58.89 -0.88 0.00 | 35.39 -0.70 0.00 | 31.17 -0.79 0.00 | 29.49 -0.91 0.00 | 30.50 -1.12 0.00 |
| COFFEEN___115KV_TB3 355620 | 28.80 -0.15 0.00 | 27.08 -0.26 0.00 | 27.24 -0.19 0.00 | 27.07 -0.06 0.00 | 27.38 0.03 0.00 | 29.44 0.12 0.00 | 30.64 0.25 0.00 | 29.71 0.24 0.00 | 31.19 0.16 0.00 | 34.09 0.10 0.00 | 30.00 -0.02 0.00 | 30.62 -0.11 0.00 | 29.42 -0.18 0.00 | 34.92 -0.13 0.00 | 40.42 -0.05 0.00 | 40.00 -0.12 0.00 | 37.16 0.07 0.00 | 38.17 0.52 0.00 | 39.42 1.00 0.00 | 62.01 2.23 0.00 | 37.38 1.29 0.00 | 32.49 0.53 0.00 | 30.58 0.18 0.00 | 31.88 0.27 0.00 |
| COLDSPRG_115KV_BK1 355956 | 28.97 0.01 0.00 | 27.04 -0.29 0.00 | 26.91 -0.52 0.00 | 26.19 -0.94 0.00 | 26.29 -1.06 0.00 | 28.37 -0.95 0.00 | 29.60 -0.79 0.00 | 30.64 -0.28 0.00 | 34.24 -0.39 0.00 | 30.26 0.26 0.00 | 31.21 0.47 0.00 | 30.64 1.04 0.00 | 36.17 1.12 0.00 | 41.88 1.41 0.00 | 40.86 0.73 0.00 | 37.50 0.41 0.00 | 37.92 0.27 0.00 | 38.29 -0.12 0.00 | 59.68 -0.09 0.00 | 35.72 -0.37 0.00 | 31.54 -0.42 0.00 | 29.80 -0.59 0.00 | 30.86 -0.77 0.00 | |
| COLONIE_LFGE___ 323577 | 30.04 1.08 0.00 | 28.34 1.01 0.00 | 28.36 0.93 0.00 | 27.98 0.85 0.00 | 28.18 0.83 0.00 | 30.18 0.86 0.00 | 31.43 1.05 0.00 | 30.59 1.12 0.00 | 32.34 1.11 -0.20 | 35.46 1.11 -0.37 | 31.45 0.86 -0.56 | 31.99 0.78 -0.47 | 31.42 0.72 -1.11 | 35.82 0.77 0.00 | 41.34 0.87 0.00 | 41.01 0.89 0.00 | 38.19 1.10 0.00 | 38.79 1.14 0.00 | 39.66 1.25 0.00 | 61.29 1.52 0.00 | 37.22 1.14 0.00 | 33.08 1.12 0.00 | 31.50 1.10 0.00 | 32.80 1.18 0.00 |
| COOPERNY_115KV_TB1 80082 | 29.68 0.72 0.00 | 27.95 0.61 0.00 | 27.90 0.47 0.00 | 27.48 0.35 0.00 | 27.69 0.34 0.00 | 29.71 0.39 0.00 | 30.99 0.60 0.00 | 30.26 0.79 0.00 | 31.40 0.83 0.46 | 34.13 0.98 0.83 | 29.63 0.87 1.27 | 30.61 0.96 1.08 | 28.14 1.06 2.52 | 36.36 1.31 0.00 | 41.91 1.44 0.00 | 41.63 1.50 0.00 | 38.77 1.67 0.00 | 39.36 1.72 0.00 | 39.98 1.57 0.00 | 61.53 1.76 0.00 | 37.18 1.10 0.00 | 32.96 0.99 0.00 | 31.35 0.95 0.00 | 32.60 0.97 0.00 |
| COPENHAGEN_WT_PWR 323753 | 28.47 -0.48 0.00 | 26.78 -0.55 0.00 | 26.98 -0.45 0.00 | 26.82 -0.31 0.00 | 27.13 -0.22 0.00 | 29.17 -0.15 0.00 | 30.36 -0.03 0.00 | 29.47 0.00 0.00 | 30.98 -0.05 0.00 | 33.86 -0.12 0.00 | 29.82 -0.20 0.00 | 30.48 -0.25 0.00 | 29.28 -0.32 0.00 | 34.74 -0.31 0.00 | 40.23 -0.25 0.00 | 39.80 -0.32 0.00 | 36.92 -0.18 0.00 | 37.82 0.18 0.00 | 38.94 0.53 0.00 | 61.15 1.38 0.00 | 36.78 0.70 0.00 | 31.92 -0.04 0.00 | 30.05 -0.34 0.00 | 31.45 -0.17 0.00 |
| CORNELL_____ 23752 | 29.59 0.64 0.00 | 27.80 0.47 0.00 | 27.81 0.38 0.00 | 27.41 0.28 0.00 | 27.66 0.30 0.00 | 29.73 0.41 0.00 | 30.90 0.51 0.00 | 30.04 0.57 0.00 | 31.56 0.52 0.00 | 34.54 0.56 0.00 | 30.38 0.35 0.00 | 31.11 0.38 0.00 | 30.14 0.55 0.00 | 35.72 0.67 0.00 | 41.32 0.84 0.00 | 40.99 0.87 0.00 | 38.02 0.93 0.00 | 38.69 1.04 0.00 | 39.64 1.22 0.00 | 61.54 1.76 0.00 | 37.07 0.99 0.00 | 32.78 0.81 0.00 | 31.05 0.65 0.00 | 32.19 0.56 0.00 |

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| CORONA__69_KV_TB1 355595 | 39.93 2.05 -8.93 | 31.89 1.78 -2.77 | 28.89 1.46 0.00 | 28.36 1.23 0.00 | 28.54 1.19 0.00 | 30.71 1.39 0.00 | 32.16 1.77 0.00 | 31.39 1.92 0.00 | 34.21 1.99 -1.19 | 38.40 2.24 -2.18 | 35.55 2.20 -3.31 | 36.05 2.49 -2.83 | 38.76 2.57 -6.60 | 38.21 3.16 0.00 | 43.74 3.26 0.00 | 43.37 3.25 0.00 | 40.47 3.38 0.00 | 40.86 3.21 0.00 | 41.13 2.82 0.10 | 63.09 3.32 0.00 | 38.23 2.15 0.00 | 34.02 2.06 0.00 | 32.59 2.19 0.00 | 33.90 2.28 0.00 |
| CORTLAND__115KV_TB3 80093 | 29.45 0.49 0.00 | 27.70 0.36 0.00 | 27.72 0.29 0.00 | 27.34 0.21 0.00 | 27.58 0.23 0.00 | 29.63 0.31 0.00 | 30.78 0.40 0.00 | 29.93 0.45 0.00 | 31.41 0.38 0.00 | 34.39 0.40 0.00 | 30.30 0.27 0.00 | 31.05 0.32 0.00 | 30.05 0.45 0.00 | 35.61 0.56 0.00 | 41.18 0.70 0.00 | 40.81 0.68 0.00 | 37.82 0.72 0.00 | 38.44 0.79 0.00 | 39.30 0.88 0.00 | 61.00 1.23 0.00 | 36.78 0.70 0.00 | 32.52 0.56 0.00 | 30.84 0.44 0.00 | 32.00 0.38 0.00 |
| COXSACKIE__GT 23611 | 30.85 1.90 0.00 | 29.03 1.70 0.00 | 29.08 1.65 0.00 | 28.68 1.55 0.00 | 28.88 1.53 0.00 | 31.00 1.68 0.00 | 32.26 1.87 0.00 | 31.38 1.91 0.00 | 32.89 1.86 0.00 | 35.68 1.69 0.00 | 31.28 1.25 0.00 | 31.85 1.12 0.00 | 30.68 1.09 0.00 | 36.33 1.28 0.00 | 42.09 1.61 0.00 | 41.98 1.86 0.00 | 39.30 2.21 0.00 | 40.25 2.61 0.00 | 41.49 3.08 0.00 | 64.48 4.70 0.00 | 39.07 2.99 0.00 | 34.64 2.67 0.00 | 32.96 2.56 0.00 | 34.10 2.48 0.00 |
| CPV_VALLEY__CC1 323721 | 29.76 0.81 0.00 | 28.02 0.68 0.00 | 27.92 0.50 0.00 | 27.50 0.37 0.00 | 27.70 0.35 0.00 | 29.72 0.40 0.00 | 31.05 0.67 0.00 | 30.38 0.90 0.00 | 31.28 0.96 0.71 | 33.80 1.12 1.30 | 29.03 0.98 1.98 | 30.12 1.07 1.68 | 26.85 1.19 3.94 | 36.52 1.47 0.00 | 42.06 1.59 0.00 | 41.80 1.68 0.00 | 38.96 1.87 0.00 | 39.42 1.77 0.00 | 39.98 1.56 0.00 | 61.37 1.60 0.00 | 37.14 1.06 0.00 | 32.97 1.01 0.00 | 31.40 1.00 0.00 | 32.65 1.03 0.00 |
| CPV_VALLEY__CC2 323722 | 29.76 0.81 0.00 | 28.02 0.68 0.00 | 27.92 0.50 0.00 | 27.50 0.37 0.00 | 27.70 0.35 0.00 | 29.72 0.40 0.00 | 31.05 0.67 0.00 | 30.38 0.90 0.00 | 31.28 0.96 0.71 | 33.80 1.12 1.30 | 29.03 0.98 1.98 | 30.12 1.07 1.68 | 26.85 1.19 3.94 | 36.52 1.47 0.00 | 42.06 1.59 0.00 | 41.80 1.68 0.00 | 38.96 1.87 0.00 | 39.42 1.77 0.00 | 39.98 1.56 0.00 | 61.37 1.60 0.00 | 37.14 1.06 0.00 | 32.97 1.01 0.00 | 31.40 1.00 0.00 | 32.65 1.03 0.00 |
| CRESCENT__HYD 24018 | 30.04 1.08 0.00 | 28.34 1.01 0.00 | 28.36 0.93 0.00 | 27.98 0.85 0.00 | 28.18 0.83 0.00 | 30.18 0.86 0.00 | 31.43 1.05 0.00 | 30.59 1.12 0.00 | 32.34 1.11 -0.20 | 35.46 1.11 -0.37 | 31.45 0.86 -0.56 | 31.99 0.78 -0.47 | 31.42 0.72 -1.11 | 35.82 0.77 0.00 | 41.34 0.87 0.00 | 41.01 0.89 0.00 | 38.19 1.10 0.00 | 38.79 1.14 0.00 | 39.66 1.25 0.00 | 61.29 1.52 0.00 | 37.22 1.14 0.00 | 33.08 1.12 0.00 | 31.50 1.10 0.00 | 32.80 1.18 0.00 |
| CRICKET__VALLEY_CC1 323756 | 29.91 0.96 0.00 | 28.15 0.82 0.00 | 28.06 0.63 0.00 | 27.64 0.50 0.00 | 27.82 0.46 0.00 | 29.83 0.52 0.00 | 31.25 0.86 0.00 | 30.56 1.09 0.00 | 32.69 1.17 -0.49 | 36.21 1.33 -0.89 | 32.49 1.11 -1.35 | 33.03 1.15 -1.15 | 33.47 1.18 -2.69 | 36.43 1.38 0.00 | 41.92 1.44 0.00 | 41.70 1.58 0.00 | 38.90 1.81 0.00 | 39.38 1.73 0.00 | 39.97 1.56 0.00 | 61.26 1.48 0.00 | 37.12 1.04 0.00 | 33.02 1.06 0.00 | 31.48 1.08 0.00 | 32.75 1.13 0.00 |
| CRICKET__VALLEY_CC2 323757 | 29.91 0.96 0.00 | 28.15 0.82 0.00 | 28.06 0.63 0.00 | 27.64 0.50 0.00 | 27.82 0.46 0.00 | 29.83 0.52 0.00 | 31.25 0.86 0.00 | 30.56 1.09 0.00 | 32.69 1.17 -0.49 | 36.21 1.33 -0.89 | 32.49 1.11 -1.35 | 33.03 1.15 -1.15 | 33.47 1.18 -2.69 | 36.43 1.38 0.00 | 41.92 1.44 0.00 | 41.70 1.58 0.00 | 38.90 1.81 0.00 | 39.38 1.73 0.00 | 39.97 1.56 0.00 | 61.26 1.48 0.00 | 37.12 1.04 0.00 | 33.02 1.06 0.00 | 31.48 1.08 0.00 | 32.75 1.13 0.00 |
| CRICKET__VALLEY_CC3 323758 | 29.91 0.96 0.00 | 28.15 0.82 0.00 | 28.06 0.63 0.00 | 27.64 0.50 0.00 | 27.82 0.46 0.00 | 29.83 0.52 0.00 | 31.25 0.86 0.00 | 30.56 1.09 0.00 | 32.69 1.17 -0.49 | 36.21 1.33 -0.89 | 32.49 1.11 -1.35 | 33.03 1.15 -1.15 | 33.47 1.18 -2.69 | 36.43 1.38 0.00 | 41.92 1.44 0.00 | 41.70 1.58 0.00 | 38.90 1.81 0.00 | 39.38 1.73 0.00 | 39.97 1.56 0.00 | 61.26 1.48 0.00 | 37.12 1.04 0.00 | 33.02 1.06 0.00 | 31.48 1.08 0.00 | 32.75 1.13 0.00 |
| CRUCIBLE_METL_DRP 24180 | 29.11 0.15 0.00 | 27.37 0.04 0.00 | 27.40 -0.04 0.00 | 27.01 -0.12 0.00 | 27.26 -0.09 0.00 | 29.27 -0.05 0.00 | 30.36 -0.03 0.00 | 29.44 -0.03 0.00 | 30.90 -0.13 0.00 | 33.94 -0.04 0.00 | 29.94 -0.09 0.00 | 30.74 0.01 0.00 | 29.78 0.18 0.00 | 35.33 0.28 0.00 | 40.82 0.34 0.00 | 40.40 0.28 0.00 | 37.53 0.44 0.00 | 38.14 0.50 0.00 | 38.93 0.51 0.00 | 60.37 0.60 0.00 | 36.38 0.29 0.00 | 32.19 0.23 0.00 | 30.53 0.13 0.00 | 31.70 0.08 0.00 |
| DAHOWA__HYDRO 323763 | 30.93 1.97 0.00 | 29.07 1.74 0.00 | 29.10 1.67 0.00 | 28.69 1.57 0.00 | 28.90 1.55 0.00 | 31.02 1.70 0.00 | 32.36 1.97 0.00 | 31.47 2.00 0.00 | 33.18 1.96 -0.19 | 36.26 1.93 -0.35 | 32.00 1.45 -0.53 | 32.55 1.38 -0.45 | 31.99 1.35 -1.05 | 36.55 1.50 0.00 | 42.28 1.80 0.00 | 42.15 2.03 0.00 | 39.26 2.16 0.00 | 40.08 2.43 0.00 | 41.21 2.80 0.00 | 63.78 4.00 0.00 | 38.92 2.83 0.00 | 34.48 2.52 0.00 | 32.56 2.17 0.00 | 33.93 2.31 0.00 |
| DANC__LFGE 323619 | 28.49 -0.46 0.00 | 26.80 -0.53 0.00 | 26.93 -0.50 0.00 | 26.70 -0.43 0.00 | 26.97 -0.38 0.00 | 28.96 -0.36 0.00 | 30.09 -0.30 0.00 | 29.20 -0.28 0.00 | 30.70 -0.33 0.00 | 33.61 -0.37 0.00 | 29.62 -0.41 0.00 | 30.31 -0.42 0.00 | 29.18 -0.42 0.00 | 34.61 -0.44 0.00 | 40.04 -0.43 0.00 | 39.65 -0.47 0.00 | 36.80 -0.30 0.00 | 37.61 -0.04 0.00 | 38.60 0.19 0.00 | 60.36 0.59 0.00 | 36.36 0.28 0.00 | 31.78 -0.18 0.00 | 30.03 -0.37 0.00 | 31.35 -0.28 0.00 |
| DANSKAMMER__1 23586 | 30.39 1.44 0.00 | 28.58 1.24 0.00 | 28.46 1.03 0.00 | 28.01 0.88 0.00 | 28.20 0.84 0.00 | 30.26 0.95 0.00 | 31.74 1.35 0.00 | 31.14 1.66 0.00 | 32.82 1.79 0.00 | 36.06 2.08 0.00 | 31.88 1.85 0.00 | 32.75 2.02 0.00 | 31.59 2.00 0.00 | 37.47 2.42 0.00 | 43.17 2.70 0.00 | 42.95 2.82 0.00 | 40.08 2.99 0.00 | 40.56 2.91 0.00 | 41.10 2.69 0.00 | 63.01 3.24 0.00 | 38.11 2.03 0.00 | 33.80 1.84 0.00 | 32.16 1.76 0.00 | 33.40 1.78 0.00 |
| DANSKAMMER__2 23589 | 30.39 1.44 0.00 | 28.58 1.24 0.00 | 28.46 1.03 0.00 | 28.01 0.88 0.00 | 28.20 0.84 0.00 | 30.26 0.95 0.00 | 31.74 1.35 0.00 | 31.14 1.66 0.00 | 32.82 1.79 0.00 | 36.06 2.08 0.00 | 31.88 1.85 0.00 | 32.75 2.02 0.00 | 31.59 2.00 0.00 | 37.47 2.42 0.00 | 43.17 2.70 0.00 | 42.95 2.82 0.00 | 40.08 2.99 0.00 | 40.56 2.91 0.00 | 41.10 2.69 0.00 | 63.01 3.24 0.00 | 38.11 2.03 0.00 | 33.80 1.84 0.00 | 32.16 1.76 0.00 | 33.40 1.78 0.00 |
| DANSKAMMER__3 23590 | 30.39 1.44 0.00 | 28.58 1.24 0.00 | 28.46 1.03 0.00 | 28.01 0.88 0.00 | 28.20 0.84 0.00 | 30.26 0.95 0.00 | 31.74 1.35 0.00 | 31.14 1.66 0.00 | 32.82 1.79 0.00 | 36.06 2.08 0.00 | 31.88 1.85 0.00 | 32.75 2.02 0.00 | 31.59 2.00 0.00 | 37.47 2.42 0.00 | 43.17 2.70 0.00 | 42.95 2.82 0.00 | 40.08 2.99 0.00 | 40.56 2.91 0.00 | 41.10 2.69 0.00 | 63.01 3.24 0.00 | 38.11 2.03 0.00 | 33.80 1.84 0.00 | 32.16 1.76 0.00 | 33.40 1.78 0.00 |

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| DANSKAMMER___4 23591 | 30.39 1.44 0.00 | 28.58 1.24 0.00 | 28.46 1.03 0.00 | 28.01 0.88 0.00 | 28.20 0.84 0.00 | 30.26 0.95 0.00 | 31.74 1.35 0.00 | 31.14 1.66 0.00 | 32.82 1.79 0.00 | 36.06 2.08 0.00 | 31.88 1.85 0.00 | 32.75 2.02 0.00 | 31.59 2.00 0.00 | 37.47 2.42 0.00 | 43.17 2.70 0.00 | 42.95 2.82 0.00 | 40.08 2.99 0.00 | 40.56 2.91 0.00 | 41.10 2.69 0.00 | 63.01 3.24 0.00 | 38.11 2.03 0.00 | 33.80 1.84 0.00 | 32.16 1.76 0.00 | 33.40 1.78 0.00 |
| DANSKAMMER___DIESEL 23592 | 30.39 1.44 0.00 | 28.57 1.24 0.00 | 28.46 1.03 0.00 | 28.00 0.87 0.00 | 28.20 0.84 0.00 | 30.27 0.95 0.00 | 31.74 1.35 0.00 | 31.14 1.67 0.00 | 32.82 1.79 0.00 | 36.06 2.08 0.00 | 31.88 1.85 0.00 | 32.76 2.02 0.00 | 31.60 2.00 0.00 | 37.47 2.42 0.00 | 43.18 2.70 0.00 | 42.95 2.82 0.00 | 40.08 2.98 0.00 | 40.56 2.91 0.00 | 41.10 2.69 0.00 | 63.01 3.24 0.00 | 38.12 2.03 0.00 | 33.80 1.84 0.00 | 32.16 1.76 0.00 | 33.40 1.78 0.00 |
| DARBY___SOLAR 323810 | 30.77 1.81 0.00 | 28.93 1.60 0.00 | 28.96 1.53 0.00 | 28.56 1.43 0.00 | 28.77 1.42 0.00 | 30.86 1.55 0.00 | 32.19 1.80 0.00 | 31.29 1.82 0.00 | 33.01 1.79 -0.19 | 36.10 1.76 -0.35 | 31.86 1.30 -0.53 | 32.41 1.23 -0.45 | 31.86 1.21 -1.06 | 36.39 1.34 0.00 | 42.08 1.61 0.00 | 41.93 1.80 0.00 | 39.07 1.98 0.00 | 39.84 2.19 0.00 | 40.94 2.52 0.00 | 63.37 3.60 0.00 | 38.62 2.54 0.00 | 34.22 2.26 0.00 | 32.37 1.97 0.00 | 33.73 2.10 0.00 |
| DASHVILLE___HYD 23610 | 29.94 0.98 0.00 | 28.14 0.81 0.00 | 28.03 0.60 0.00 | 27.57 0.44 0.00 | 27.76 0.41 0.00 | 29.79 0.47 0.00 | 31.19 0.80 0.00 | 30.55 1.08 0.00 | 32.24 1.21 0.00 | 35.45 1.47 0.00 | 31.33 1.30 0.00 | 32.18 1.45 0.00 | 31.17 1.58 0.00 | 37.01 1.96 0.00 | 42.61 2.13 0.00 | 42.35 2.23 0.00 | 39.52 2.43 0.00 | 39.95 2.30 0.00 | 40.45 2.03 0.00 | 61.91 2.14 0.00 | 37.46 1.38 0.00 | 33.25 1.29 0.00 | 31.62 1.22 0.00 | 32.86 1.24 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 40.65 2.77 -8.93 | 32.54 2.44 -2.77 | 29.47 2.04 0.00 | 28.86 1.73 0.00 | 29.01 1.66 0.00 | 31.38 2.07 0.00 | 32.89 2.50 0.00 | 32.03 2.56 0.00 | 34.84 2.61 -1.19 | 39.19 3.02 -2.18 | 36.21 2.86 -3.31 | 36.69 3.13 -2.83 | 39.39 3.20 -6.60 | 39.05 4.00 0.00 | 44.74 4.26 0.00 | 44.21 4.09 0.00 | 41.42 4.33 0.00 | 41.77 4.13 0.00 | 41.28 3.59 0.72 | 64.18 4.41 0.00 | 38.80 2.71 0.00 | 34.45 2.49 0.00 | 33.11 2.71 0.00 | 34.42 2.80 0.00 |
| DELAWARE___LFGE 323621 | 29.70 0.75 0.00 | 27.97 0.63 0.00 | 28.00 0.57 0.00 | 27.60 0.48 0.00 | 27.83 0.48 0.00 | 29.88 0.56 0.00 | 31.08 0.69 0.00 | 30.25 0.78 0.00 | 31.83 0.79 0.00 | 34.92 0.93 0.00 | 30.83 0.81 0.00 | 31.59 0.86 0.00 | 30.56 0.97 0.00 | 36.24 1.19 0.00 | 41.79 1.32 0.00 | 41.44 1.32 0.00 | 38.51 1.42 0.00 | 38.99 1.34 0.00 | 39.75 1.33 0.00 | 61.44 1.67 0.00 | 37.06 0.98 0.00 | 32.84 0.88 0.00 | 31.19 0.79 0.00 | 32.40 0.78 0.00 |
| DERFIELD_115KV_TB7 355931 | 29.08 0.13 0.00 | 27.43 0.09 0.00 | 27.48 0.05 0.00 | 27.15 0.03 0.00 | 27.36 0.01 0.00 | 29.34 0.02 0.00 | 30.45 0.06 0.00 | 29.58 0.10 0.00 | 31.10 0.07 0.00 | 34.07 0.09 0.00 | 30.09 0.06 0.00 | 30.80 0.06 0.00 | 29.71 0.12 0.00 | 35.19 0.14 0.00 | 40.62 0.14 0.00 | 40.27 0.14 0.00 | 37.30 0.21 0.00 | 37.86 0.22 0.00 | 38.64 0.22 0.00 | 59.93 0.15 0.00 | 36.20 0.11 0.00 | 32.09 0.13 0.00 | 30.52 0.12 0.00 | 31.75 0.12 0.00 |
| DOGLEVILLE___HYD 23807 | 29.16 0.21 0.00 | 27.45 0.11 0.00 | 27.43 0.00 0.00 | 26.97 -0.16 0.00 | 27.15 -0.20 0.00 | 29.12 -0.19 0.00 | 30.35 -0.04 0.00 | 29.51 0.04 0.00 | 30.71 -0.33 0.00 | 33.33 -0.66 0.00 | 29.19 -0.84 0.00 | 29.86 -0.87 0.00 | 28.89 -0.71 0.00 | 34.33 -0.72 0.00 | 39.73 -0.75 0.00 | 39.47 -0.65 0.00 | 36.85 -0.24 0.00 | 37.75 0.10 0.00 | 38.84 0.42 0.00 | 60.19 0.41 0.00 | 36.25 0.17 0.00 | 32.17 0.20 0.00 | 30.78 0.38 0.00 | 32.03 0.41 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 28.45 -0.50 0.00 | 26.55 -0.78 0.00 | 26.43 -1.00 0.00 | 25.71 -1.42 0.00 | 25.80 -1.55 0.00 | 27.82 -1.50 0.00 | 28.91 -1.48 0.00 | 28.43 -1.04 0.00 | 29.73 -1.31 0.00 | 33.31 -0.67 0.00 | 29.44 -0.59 0.00 | 30.46 -0.28 0.00 | 29.96 0.37 0.00 | 35.30 0.25 0.00 | 40.91 0.43 0.00 | 39.87 -0.25 0.00 | 36.60 -0.49 0.00 | 37.00 -0.65 0.00 | 37.49 -0.93 0.00 | 58.52 -1.25 0.00 | 35.03 -1.06 0.00 | 30.92 -1.04 0.00 | 29.21 -1.19 0.00 | 30.26 -1.36 0.00 |
| DUNKIRK___1 23563 | 28.45 -0.50 0.00 | 26.55 -0.78 0.00 | 26.43 -1.00 0.00 | 25.71 -1.42 0.00 | 25.80 -1.55 0.00 | 27.82 -1.50 0.00 | 28.91 -1.48 0.00 | 28.43 -1.04 0.00 | 29.73 -1.31 0.00 | 33.31 -0.67 0.00 | 29.44 -0.59 0.00 | 30.46 -0.28 0.00 | 29.96 0.37 0.00 | 35.30 0.25 0.00 | 40.91 0.43 0.00 | 39.87 -0.25 0.00 | 36.60 -0.49 0.00 | 37.00 -0.65 0.00 | 37.49 -0.93 0.00 | 58.52 -1.25 0.00 | 35.03 -1.06 0.00 | 30.92 -1.04 0.00 | 29.21 -1.19 0.00 | 30.26 -1.36 0.00 |
| DUNKIRK___2 23564 | 28.45 -0.50 0.00 | 26.55 -0.78 0.00 | 26.43 -1.00 0.00 | 25.71 -1.42 0.00 | 25.80 -1.55 0.00 | 27.82 -1.50 0.00 | 28.91 -1.48 0.00 | 28.43 -1.04 0.00 | 29.73 -1.31 0.00 | 33.31 -0.67 0.00 | 29.44 -0.59 0.00 | 30.46 -0.28 0.00 | 29.96 0.37 0.00 | 35.30 0.25 0.00 | 40.91 0.43 0.00 | 39.87 -0.25 0.00 | 36.60 -0.49 0.00 | 37.00 -0.65 0.00 | 37.49 -0.93 0.00 | 58.52 -1.25 0.00 | 35.03 -1.06 0.00 | 30.92 -1.04 0.00 | 29.21 -1.19 0.00 | 30.26 -1.36 0.00 |
| DUNKIRK___3 23565 | 28.31 -0.64 0.00 | 26.42 -0.91 0.00 | 26.32 -1.11 0.00 | 25.69 -1.44 0.00 | 25.84 -1.51 0.00 | 27.86 -1.46 0.00 | 28.90 -1.49 0.00 | 28.38 -1.09 0.00 | 29.67 -1.36 0.00 | 33.18 -0.81 0.00 | 29.30 -0.73 0.00 | 30.28 -0.45 0.00 | 29.76 0.17 0.00 | 35.07 0.02 0.00 | 40.63 0.15 0.00 | 39.62 -0.50 0.00 | 36.41 -0.68 0.00 | 36.87 -0.78 0.00 | 37.40 -1.01 0.00 | 58.41 -1.36 0.00 | 35.00 -1.08 0.00 | 30.90 -1.07 0.00 | 29.21 -1.19 0.00 | 30.26 -1.36 0.00 |
| DUNKIRK___4 23566 | 28.31 -0.64 0.00 | 26.42 -0.91 0.00 | 26.32 -1.11 0.00 | 25.69 -1.44 0.00 | 25.84 -1.51 0.00 | 27.86 -1.46 0.00 | 28.90 -1.49 0.00 | 28.38 -1.09 0.00 | 29.67 -1.36 0.00 | 33.18 -0.81 0.00 | 29.30 -0.73 0.00 | 30.28 -0.45 0.00 | 29.76 0.17 0.00 | 35.07 0.02 0.00 | 40.63 0.15 0.00 | 39.62 -0.50 0.00 | 36.41 -0.68 0.00 | 36.87 -0.78 0.00 | 37.40 -1.01 0.00 | 58.41 -1.36 0.00 | 35.00 -1.08 0.00 | 30.90 -1.07 0.00 | 29.21 -1.19 0.00 | 30.26 -1.36 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 30.40 1.45 0.00 | 28.59 1.26 0.00 | 28.44 1.01 0.00 | 27.96 0.83 0.00 | 28.14 0.80 0.00 | 30.22 0.90 0.00 | 31.65 1.27 0.00 | 31.02 1.55 0.00 | 33.90 1.68 -1.18 | 38.12 1.98 -2.16 | 35.06 1.75 -3.28 | 35.44 1.92 -2.79 | 38.15 2.02 -6.53 | 37.53 2.48 0.00 | 43.13 2.66 0.00 | 42.87 2.75 0.00 | 40.01 2.92 0.00 | 40.41 2.76 0.00 | 40.89 2.48 0.00 | 62.60 2.83 0.00 | 37.92 1.84 0.00 | 33.69 1.73 0.00 | 32.12 1.72 0.00 | 33.38 1.76 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 30.15 1.19 0.00 | 28.35 1.02 0.00 | 28.24 0.81 0.00 | 27.79 0.66 0.00 | 27.99 0.64 0.00 | 30.05 0.73 0.00 | 31.45 1.06 0.00 | 30.81 1.34 0.00 | 32.10 1.43 0.36 | 34.98 1.66 0.67 | 30.49 1.47 1.01 | 31.48 1.61 0.86 | 29.29 1.68 1.99 | 37.11 2.06 0.00 | 42.76 2.29 0.00 | 42.51 2.39 0.00 | 39.68 2.58 0.00 | 40.15 2.50 0.00 | 40.68 2.27 0.00 | 62.39 2.62 0.00 | 37.76 1.67 0.00 | 33.49 1.53 0.00 | 31.87 1.48 0.00 | 33.11 1.50 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 30.49 1.54 0.00 | 28.67 1.33 0.00 | 28.52 1.09 0.00 | 28.02 0.89 0.00 | 28.24 0.89 0.00 | 30.29 0.97 0.00 | 31.79 1.40 0.00 | 31.15 1.68 0.00 | 34.03 1.82 -1.18 | 38.21 2.06 -2.16 | 35.13 1.82 -3.29 | 35.53 2.01 -2.79 | 38.27 2.14 -6.54 | 37.64 2.59 0.00 | 43.23 2.75 0.00 | 42.95 2.83 0.00 | 40.13 3.04 0.00 | 40.47 2.82 0.00 | 40.96 2.55 0.00 | 62.66 2.89 0.00 | 38.01 1.93 0.00 | 33.76 1.80 0.00 | 32.24 1.85 0.00 | 33.49 1.88 0.00 |
| E179THST_13_KV_LOAD 356214 | 30.66 1.71 0.00 | 28.82 1.49 0.00 | 28.68 1.25 0.00 | 28.17 1.04 0.00 | 28.38 1.03 0.00 | 30.46 1.14 0.00 | 31.96 1.57 0.00 | 31.32 1.85 0.00 | 34.22 2.00 -1.18 | 38.43 2.28 -2.16 | 35.33 2.01 -3.29 | 35.74 2.22 -2.79 | 38.46 2.33 -6.54 | 37.88 2.83 0.00 | 43.50 3.02 0.00 | 43.23 3.11 0.00 | 40.39 3.30 0.00 | 40.73 3.08 0.00 | 41.23 2.81 0.00 | 63.05 3.28 0.00 | 38.25 2.16 0.00 | 33.97 2.01 0.00 | 32.45 2.05 0.00 | 33.69 2.07 0.00 |
| EAST HAMPTON___GT 23717 | 41.18 3.30 -8.93 | 33.03 2.93 -2.77 | 29.95 2.52 0.00 | 29.34 2.21 0.00 | 29.47 2.12 0.00 | 31.88 2.56 0.00 | 33.43 3.05 0.00 | 32.55 3.08 0.00 | 35.42 3.19 -1.19 | 39.86 3.70 -2.18 | 36.76 3.41 -3.31 | 37.19 3.63 -2.83 | 39.93 3.74 -6.60 | 39.73 4.68 0.00 | 45.51 5.03 0.00 | 44.95 4.83 0.00 | 42.14 5.05 0.00 | 42.49 4.85 0.00 | 41.94 4.25 0.72 | 65.07 5.29 0.00 | 39.35 3.27 0.00 | 35.02 3.05 0.00 | 33.68 3.29 0.00 | 35.02 3.39 0.00 |
| EAST RIVER___6 23660 | 30.54 1.59 0.00 | 28.72 1.38 0.00 | 28.55 1.12 0.00 | 28.06 0.93 0.00 | 28.23 0.88 0.00 | 30.25 0.94 0.00 | 31.72 1.34 0.00 | 31.14 1.67 0.00 | 34.06 1.84 -1.18 | 38.35 2.20 -2.16 | 35.29 1.97 -3.29 | 35.70 2.18 -2.79 | 38.44 2.31 -6.54 | 37.87 2.82 0.00 | 43.46 2.98 0.00 | 43.20 3.08 0.00 | 40.37 3.27 0.00 | 40.71 3.06 0.00 | 41.17 2.76 0.00 | 62.92 3.15 0.00 | 38.20 2.12 0.00 | 33.95 1.99 0.00 | 32.32 1.93 0.00 | 33.58 1.96 0.00 |
| EAST RIVER___7 23524 | 30.54 1.59 0.00 | 28.72 1.38 0.00 | 28.55 1.12 0.00 | 28.06 0.93 0.00 | 28.23 0.88 0.00 | 30.25 0.94 0.00 | 31.72 1.34 0.00 | 31.14 1.67 0.00 | 34.06 1.84 -1.18 | 38.35 2.20 -2.16 | 35.29 1.97 -3.29 | 35.70 2.18 -2.79 | 38.44 2.31 -6.54 | 37.87 2.82 0.00 | 43.46 2.98 0.00 | 43.20 3.08 0.00 | 40.37 3.27 0.00 | 40.71 3.06 0.00 | 41.17 2.76 0.00 | 62.92 3.15 0.00 | 38.20 2.12 0.00 | 33.95 1.99 0.00 | 32.32 1.93 0.00 | 33.58 1.96 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 30.32 1.37 0.00 | 28.52 1.18 0.00 | 28.37 0.94 0.00 | 27.90 0.77 0.00 | 28.09 0.74 0.00 | 30.16 0.84 0.00 | 31.59 1.20 0.00 | 30.95 1.48 0.00 | 33.89 1.60 -1.26 | 38.16 1.87 -2.31 | 35.19 1.66 -3.51 | 35.51 1.81 -2.98 | 38.48 1.91 -6.97 | 37.39 2.34 0.00 | 43.00 2.53 0.00 | 42.74 2.62 0.00 | 39.89 2.79 0.00 | 40.29 2.64 0.00 | 40.79 2.38 0.00 | 62.42 2.65 0.00 | 37.82 1.74 0.00 | 33.60 1.64 0.00 | 32.02 1.62 0.00 | 33.29 1.66 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 41.19 3.31 -8.93 | 33.05 2.95 -2.77 | 29.97 2.54 0.00 | 29.35 2.22 0.00 | 29.48 2.12 0.00 | 31.89 2.58 0.00 | 33.44 3.05 0.00 | 32.56 3.09 0.00 | 35.43 3.21 -1.19 | 39.87 3.71 -2.18 | 36.77 3.43 -3.31 | 37.20 3.64 -2.83 | 39.94 3.75 -6.60 | 39.75 4.70 0.00 | 45.53 5.05 0.00 | 44.95 4.83 0.00 | 42.15 5.06 0.00 | 42.50 4.86 0.00 | 41.95 4.26 0.72 | 65.07 5.30 0.00 | 39.34 3.26 0.00 | 35.01 3.05 0.00 | 33.69 3.29 0.00 | 35.02 3.40 0.00 |
| EAST_POINT___SOLAR 323840 | 30.82 1.86 0.00 | 29.00 1.67 0.00 | 29.03 1.60 0.00 | 28.67 1.54 0.00 | 28.92 1.57 0.00 | 31.12 1.80 0.00 | 32.27 1.89 0.00 | 30.92 1.45 0.00 | 31.79 0.76 0.00 | 34.39 0.41 0.00 | 30.13 0.10 0.00 | 30.86 0.13 0.00 | 29.94 0.34 0.00 | 35.84 0.79 0.00 | 41.83 1.35 0.00 | 41.97 1.85 0.00 | 39.03 1.93 0.00 | 40.00 2.36 0.00 | 41.25 2.84 0.00 | 64.41 4.64 0.00 | 38.94 2.85 0.00 | 34.39 2.43 0.00 | 32.62 2.22 0.00 | 33.79 2.17 0.00 |
| EAST_PULASKI___ESR 323781 | 28.58 -0.38 0.00 | 26.88 -0.45 0.00 | 26.95 -0.48 0.00 | 26.64 -0.49 0.00 | 26.88 -0.47 0.00 | 28.83 -0.49 0.00 | 29.94 -0.45 0.00 | 29.02 -0.45 0.00 | 30.51 -0.52 0.00 | 33.43 -0.56 0.00 | 29.49 -0.54 0.00 | 30.22 -0.51 0.00 | 29.16 -0.43 0.00 | 34.57 -0.48 0.00 | 39.99 -0.49 0.00 | 39.61 -0.51 0.00 | 36.78 -0.31 0.00 | 37.48 -0.17 0.00 | 38.36 -0.05 0.00 | 59.75 -0.02 0.00 | 36.04 -0.05 0.00 | 31.73 -0.23 0.00 | 30.08 -0.33 0.00 | 31.30 -0.32 0.00 |
| EAST_RIVER___1 323558 | 30.52 1.57 0.00 | 28.69 1.36 0.00 | 28.53 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.27 0.95 0.00 | 31.74 1.35 0.00 | 31.14 1.67 0.00 | 34.06 1.84 -1.18 | 38.32 2.18 -2.16 | 35.25 1.93 -3.29 | 35.65 2.13 -2.79 | 38.39 2.25 -6.54 | 37.81 2.76 0.00 | 43.41 2.94 0.00 | 43.15 3.03 0.00 | 40.29 3.20 0.00 | 40.66 3.02 0.00 | 41.13 2.72 0.00 | 62.89 3.12 0.00 | 38.15 2.07 0.00 | 33.90 1.94 0.00 | 32.29 1.90 0.00 | 33.55 1.94 0.00 |
| EAST_RIVER___2 323559 | 30.54 1.59 0.00 | 28.72 1.38 0.00 | 28.55 1.12 0.00 | 28.06 0.93 0.00 | 28.23 0.88 0.00 | 30.25 0.94 0.00 | 31.72 1.34 0.00 | 31.14 1.67 0.00 | 34.06 1.84 -1.18 | 38.35 2.20 -2.16 | 35.29 1.97 -3.29 | 35.70 2.18 -2.79 | 38.44 2.31 -6.54 | 37.87 2.82 0.00 | 43.46 2.98 0.00 | 43.20 3.08 0.00 | 40.37 3.27 0.00 | 40.71 3.06 0.00 | 41.17 2.76 0.00 | 62.92 3.15 0.00 | 38.20 2.12 0.00 | 33.95 1.99 0.00 | 32.32 1.93 0.00 | 33.58 1.96 0.00 |
| EAST___DELAWARE_HYD 23607 | 29.70 0.75 0.00 | 27.91 0.58 0.00 | 27.81 0.38 0.00 | 27.36 0.23 0.00 | 27.55 0.20 0.00 | 29.57 0.26 0.00 | 30.93 0.54 0.00 | 30.28 0.81 0.00 | 31.65 0.87 0.25 | 34.59 1.06 0.45 | 30.26 0.92 0.69 | 31.19 1.04 0.58 | 29.42 1.19 1.37 | 35.68 0.63 0.00 | 41.19 0.71 0.00 | 40.99 0.87 0.00 | 38.28 1.19 0.00 | 38.92 1.27 0.00 | 39.55 1.14 0.00 | 60.74 0.96 0.00 | 36.64 0.56 0.00 | 32.40 0.43 0.00 | 30.76 0.36 0.00 | 31.92 0.30 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 29.78 0.83 0.00 | 27.83 0.49 0.00 | 27.36 -0.07 0.00 | 27.08 -0.04 0.00 | 27.15 -0.19 0.00 | 29.35 0.03 0.00 | 30.61 0.22 0.00 | 29.81 0.34 0.00 | 31.14 0.11 0.00 | 34.59 0.60 0.00 | 30.11 0.08 0.00 | 30.51 -0.22 0.00 | 30.09 0.49 0.00 | 35.65 0.60 0.00 | 41.47 0.99 0.00 | 40.93 0.80 0.00 | 38.19 1.10 0.00 | 38.99 1.34 0.00 | 39.21 0.79 0.00 | 60.34 0.57 0.00 | 35.90 -0.18 0.00 | 31.10 -0.86 0.00 | 29.68 -0.72 0.00 | 30.54 -1.08 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 28.90 -0.06 0.00 | 27.18 -0.15 0.00 | 27.21 -0.22 0.00 | 26.82 -0.31 0.00 | 27.07 -0.28 0.00 | 29.07 -0.24 0.00 | 30.15 -0.24 0.00 | 29.22 -0.26 0.00 | 30.68 -0.36 0.00 | 33.69 -0.29 0.00 | 29.69 -0.34 0.00 | 30.46 -0.27 0.00 | 29.51 -0.09 0.00 | 35.02 -0.03 0.00 | 40.50 0.02 0.00 | 40.05 -0.07 0.00 | 37.23 0.13 0.00 | 37.83 0.19 0.00 | 38.62 0.21 0.00 | 59.87 0.10 0.00 | 36.08 0.00 0.00 | 31.96 -0.01 0.00 | 30.31 -0.08 0.00 | 31.48 -0.14 0.00 |
| ELEC_TRO_TEK 24086 | 39.70 1.82 -8.93 | 31.69 1.59 -2.77 | 28.69 1.27 0.00 | 28.19 1.06 0.00 | 28.36 1.01 0.00 | 30.52 1.21 0.00 | 31.98 1.59 0.00 | 31.23 1.76 0.00 | 34.05 1.83 -1.19 | 38.23 2.06 -2.18 | 35.35 2.00 -3.31 | 35.81 2.25 -2.83 | 38.51 2.32 -6.60 | 37.89 2.84 0.00 | 43.37 2.89 0.00 | 42.99 2.87 0.00 | 40.13 3.04 0.00 | 40.49 2.84 0.00 | 40.66 2.45 0.21 | 62.55 2.78 0.00 | 37.90 1.82 0.00 | 33.74 1.78 0.00 | 32.31 1.92 0.00 | 33.63 2.01 0.00 |

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| ELLENBURG_WT_PWR 323604 | 28.97 0.01 0.00 | 27.43 0.10 0.00 | 27.60 0.17 0.00 | 27.56 0.43 0.00 | 27.89 0.54 0.00 | 29.90 0.59 0.00 | 30.98 0.60 0.00 | 29.95 0.48 0.00 | 31.74 0.71 0.00 | 34.61 0.63 0.00 | 30.70 0.67 0.00 | 31.26 0.52 0.00 | 29.84 0.25 0.00 | 35.31 0.26 0.00 | 40.87 0.39 0.00 | 40.52 0.39 0.00 | 37.02 -0.07 0.00 | 37.67 0.02 0.00 | 38.54 0.12 0.00 | 60.49 0.71 0.00 | 36.36 0.28 0.00 | 31.88 -0.08 0.00 | 30.18 -0.22 0.00 | 31.18 -0.44 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 28.10 -0.86 0.00 | 26.19 -1.14 0.00 | 26.07 -1.36 0.00 | 25.57 -1.56 0.00 | 25.83 -1.52 0.00 | 27.83 -1.49 0.00 | 28.71 -1.68 0.00 | 28.11 -1.36 0.00 | 29.43 -1.60 0.00 | 32.81 -1.17 0.00 | 28.98 -1.05 0.00 | 29.92 -0.81 0.00 | 29.33 -0.27 0.00 | 34.52 -0.54 0.00 | 39.91 -0.56 0.00 | 38.91 -1.21 0.00 | 35.86 -1.23 0.00 | 36.45 -1.20 0.00 | 37.12 -1.30 0.00 | 58.13 -1.64 0.00 | 34.95 -1.14 0.00 | 30.77 -1.19 0.00 | 29.13 -1.26 0.00 | 30.17 -1.45 0.00 |
| EMPIRE_CC_1 323656 | 29.46 0.50 0.00 | 27.90 0.56 0.00 | 27.93 0.51 0.00 | 27.56 0.43 0.00 | 27.75 0.40 0.00 | 29.64 0.32 0.00 | 30.82 0.43 0.00 | 30.02 0.55 0.00 | 31.82 0.53 -0.26 | 34.95 0.50 -0.47 | 31.11 0.37 -0.71 | 31.63 0.29 -0.61 | 31.26 0.25 -1.42 | 35.26 0.21 0.00 | 40.60 0.12 0.00 | 40.24 0.11 0.00 | 37.47 0.38 0.00 | 37.98 0.33 0.00 | 38.75 0.34 0.00 | 59.77 0.00 0.00 | 36.30 0.21 0.00 | 32.33 0.37 0.00 | 30.87 0.47 0.00 | 32.15 0.53 0.00 |
| EMPIRE_CC_2 323658 | 29.46 0.50 0.00 | 27.90 0.56 0.00 | 27.93 0.51 0.00 | 27.56 0.43 0.00 | 27.75 0.40 0.00 | 29.64 0.32 0.00 | 30.82 0.43 0.00 | 30.02 0.55 0.00 | 31.82 0.53 -0.26 | 34.95 0.50 -0.47 | 31.11 0.37 -0.71 | 31.63 0.29 -0.61 | 31.26 0.25 -1.42 | 35.26 0.21 0.00 | 40.60 0.12 0.00 | 40.24 0.11 0.00 | 37.47 0.38 0.00 | 37.98 0.33 0.00 | 38.75 0.34 0.00 | 59.77 0.00 0.00 | 36.30 0.21 0.00 | 32.33 0.37 0.00 | 30.87 0.47 0.00 | 32.15 0.53 0.00 |
| ENORWICH_115KV_TB1 80156 | 30.87 1.92 0.00 | 28.98 1.65 0.00 | 29.01 1.58 0.00 | 28.58 1.45 0.00 | 28.86 1.50 0.00 | 31.08 1.77 0.00 | 32.39 2.01 0.00 | 31.55 2.08 0.00 | 32.99 1.96 0.00 | 36.01 2.03 0.00 | 31.52 1.49 0.00 | 32.23 1.50 0.00 | 31.25 1.65 0.00 | 37.05 2.00 0.00 | 42.85 2.37 0.00 | 42.55 2.43 0.00 | 39.63 2.54 0.00 | 40.42 2.77 0.00 | 41.60 3.19 0.00 | 64.68 4.91 0.00 | 38.82 2.74 0.00 | 34.09 2.13 0.00 | 32.05 1.65 0.00 | 33.24 1.62 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 28.47 -0.48 0.00 | 26.52 -0.82 0.00 | 26.40 -1.03 0.00 | 25.93 -1.20 0.00 | 26.18 -1.17 0.00 | 28.21 -1.10 0.00 | 29.14 -1.25 0.00 | 28.58 -0.90 0.00 | 29.92 -1.11 0.00 | 33.38 -0.60 0.00 | 29.45 -0.58 0.00 | 30.45 -0.29 0.00 | 29.85 0.26 0.00 | 35.19 0.14 0.00 | 40.79 0.31 0.00 | 39.75 -0.37 0.00 | 36.59 -0.50 0.00 | 37.16 -0.49 0.00 | 37.80 -0.62 0.00 | 59.14 -0.63 0.00 | 35.56 -0.52 0.00 | 31.29 -0.67 0.00 | 29.60 -0.79 0.00 | 30.64 -0.98 0.00 |
| ERIE_WT_PWR 323693 | 28.28 -0.67 0.00 | 26.35 -0.98 0.00 | 26.23 -1.20 0.00 | 25.72 -1.41 0.00 | 25.98 -1.37 0.00 | 28.00 -1.32 0.00 | 28.91 -1.48 0.00 | 28.30 -1.17 0.00 | 29.61 -1.42 0.00 | 33.02 -0.97 0.00 | 29.18 -0.85 0.00 | 30.16 -0.57 0.00 | 29.56 -0.03 0.00 | 34.82 -0.23 0.00 | 40.29 -0.19 0.00 | 39.29 -0.84 0.00 | 36.18 -0.91 0.00 | 36.75 -0.90 0.00 | 37.41 -1.01 0.00 | 58.55 -1.22 0.00 | 35.20 -0.88 0.00 | 30.99 -0.98 0.00 | 29.33 -1.07 0.00 | 30.36 -1.26 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 30.39 1.44 0.00 | 28.59 1.25 0.00 | 28.62 1.19 0.00 | 28.26 1.13 0.00 | 28.53 1.18 0.00 | 30.69 1.37 0.00 | 31.87 1.48 0.00 | 30.90 1.43 0.00 | 32.42 1.39 0.00 | 35.53 1.55 0.00 | 31.39 1.36 0.00 | 32.17 1.44 0.00 | 31.16 1.57 0.00 | 37.02 1.97 0.00 | 42.81 2.34 0.00 | 42.49 2.37 0.00 | 39.37 2.28 0.00 | 40.01 2.36 0.00 | 40.91 2.50 0.00 | 63.54 3.77 0.00 | 38.22 2.14 0.00 | 33.73 1.77 0.00 | 31.92 1.53 0.00 | 33.10 1.48 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 29.56 0.61 0.00 | 27.79 0.46 0.00 | 27.80 0.37 0.00 | 27.40 0.27 0.00 | 27.65 0.29 0.00 | 29.72 0.40 0.00 | 30.87 0.49 0.00 | 30.01 0.54 0.00 | 31.53 0.50 0.00 | 34.51 0.53 0.00 | 30.36 0.33 0.00 | 31.08 0.35 0.00 | 30.11 0.52 0.00 | 35.69 0.64 0.00 | 41.27 0.80 0.00 | 40.94 0.82 0.00 | 37.97 0.88 0.00 | 38.63 0.98 0.00 | 39.57 1.16 0.00 | 61.47 1.69 0.00 | 37.04 0.95 0.00 | 32.75 0.78 0.00 | 31.02 0.62 0.00 | 32.17 0.54 0.00 |
| ETNA____115KV_TB2 80207 | 29.56 0.61 0.00 | 27.79 0.46 0.00 | 27.80 0.37 0.00 | 27.40 0.27 0.00 | 27.65 0.29 0.00 | 29.72 0.40 0.00 | 30.87 0.49 0.00 | 30.01 0.54 0.00 | 31.53 0.50 0.00 | 34.51 0.53 0.00 | 30.36 0.33 0.00 | 31.08 0.35 0.00 | 30.11 0.52 0.00 | 35.69 0.64 0.00 | 41.27 0.80 0.00 | 40.94 0.82 0.00 | 37.97 0.88 0.00 | 38.63 0.98 0.00 | 39.57 1.16 0.00 | 61.47 1.69 0.00 | 37.04 0.95 0.00 | 32.75 0.78 0.00 | 31.02 0.62 0.00 | 32.17 0.54 0.00 |
| EUCLID__115KV_TB2 356179 | 28.72 -0.24 0.00 | 27.02 -0.31 0.00 | 27.04 -0.39 0.00 | 26.68 -0.45 0.00 | 26.90 -0.45 0.00 | 28.87 -0.44 0.00 | 29.94 -0.45 0.00 | 29.04 -0.43 0.00 | 30.51 -0.52 0.00 | 33.50 -0.48 0.00 | 29.59 -0.44 0.00 | 30.36 -0.37 0.00 | 29.39 -0.21 0.00 | 34.82 -0.22 0.00 | 40.24 -0.24 0.00 | 39.85 -0.27 0.00 | 36.99 -0.11 0.00 | 37.57 -0.08 0.00 | 38.33 -0.09 0.00 | 59.50 -0.27 0.00 | 35.89 -0.19 0.00 | 31.76 -0.21 0.00 | 30.14 -0.26 0.00 | 31.30 -0.32 0.00 |
| E_CANADA_CAP_HY 24051 | 30.68 1.72 0.00 | 28.89 1.55 0.00 | 28.94 1.51 0.00 | 28.61 1.48 0.00 | 28.86 1.51 0.00 | 31.05 1.73 0.00 | 32.17 1.78 0.00 | 31.07 1.60 0.00 | 32.45 1.42 0.00 | 35.40 1.42 0.00 | 31.19 1.16 0.00 | 31.93 1.20 0.00 | 30.87 1.28 0.00 | 36.70 1.66 0.00 | 42.53 2.05 0.00 | 42.27 2.15 0.00 | 39.15 2.06 0.00 | 39.88 2.23 0.00 | 40.92 2.51 0.00 | 63.75 3.98 0.00 | 38.47 2.38 0.00 | 33.97 2.00 0.00 | 32.28 1.88 0.00 | 33.49 1.87 0.00 |
| E_CANADA_MHWK_HY 24050 | 29.16 0.21 0.00 | 27.45 0.11 0.00 | 27.43 0.00 0.00 | 26.97 -0.16 0.00 | 27.15 -0.20 0.00 | 29.12 -0.19 0.00 | 30.35 -0.04 0.00 | 29.51 0.04 0.00 | 30.71 -0.33 0.00 | 33.33 -0.66 0.00 | 29.19 -0.84 0.00 | 29.86 -0.87 0.00 | 28.89 -0.71 0.00 | 34.33 -0.72 0.00 | 39.73 -0.75 0.00 | 39.47 -0.65 0.00 | 36.85 -0.24 0.00 | 37.75 0.10 0.00 | 38.84 0.42 0.00 | 60.19 0.41 0.00 | 36.25 0.17 0.00 | 32.17 0.20 0.00 | 30.78 0.38 0.00 | 32.03 0.41 0.00 |
| E_FISHKILL__LBMP 23776 | 30.08 1.13 0.00 | 28.31 0.98 0.00 | 28.20 0.78 0.00 | 27.76 0.63 0.00 | 27.95 0.60 0.00 | 29.99 0.67 0.00 | 31.37 0.99 0.00 | 30.71 1.24 0.00 | 32.77 1.33 -0.41 | 36.28 1.54 -0.75 | 32.52 1.34 -1.14 | 33.16 1.46 -0.97 | 33.40 1.54 -2.27 | 36.91 1.86 0.00 | 42.48 2.00 0.00 | 42.21 2.08 0.00 | 39.37 2.28 0.00 | 39.82 2.17 0.00 | 40.36 1.95 0.00 | 61.86 2.09 0.00 | 37.48 1.40 0.00 | 33.30 1.34 0.00 | 31.74 1.33 0.00 | 33.00 1.38 0.00 |
| FALCON___SEABRD_CC1 323796 | 29.73 0.77 0.00 | 28.05 0.71 0.00 | 28.17 0.75 0.00 | 28.12 0.99 0.00 | 28.52 1.17 0.00 | 30.63 1.31 0.00 | 31.89 1.50 0.00 | 30.84 1.37 0.00 | 32.61 1.58 0.00 | 35.49 1.50 0.00 | 31.57 1.54 0.00 | 32.08 1.35 0.00 | 30.59 0.99 0.00 | 36.20 1.14 0.00 | 41.93 1.45 0.00 | 41.57 1.45 0.00 | 37.85 0.76 0.00 | 38.46 0.81 0.00 | 39.36 0.94 0.00 | 61.65 1.88 0.00 | 37.21 1.12 0.00 | 32.56 0.60 0.00 | 30.82 0.42 0.00 | 31.83 0.20 0.00 |

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| FALCON___SEABRD_CC2 323797 | 29.73 0.77 0.00 | 28.05 0.71 0.00 | 28.17 0.75 0.00 | 28.12 0.99 0.00 | 28.52 1.17 0.00 | 30.63 1.31 0.00 | 31.89 1.50 0.00 | 30.84 1.37 0.00 | 32.61 1.58 0.00 | 35.49 1.50 0.00 | 31.57 1.54 0.00 | 32.08 1.35 0.00 | 30.59 0.99 0.00 | 36.20 1.14 0.00 | 41.93 1.45 0.00 | 41.57 1.45 0.00 | 37.85 0.76 0.00 | 38.46 0.81 0.00 | 39.36 0.94 0.00 | 61.65 1.88 0.00 | 37.21 1.12 0.00 | 32.56 0.60 0.00 | 30.82 0.42 0.00 | 31.83 0.20 0.00 |
| FAR ROCKAWAY___4 23548 | 40.21 2.33 -8.93 | 32.14 2.04 -2.77 | 29.13 1.70 0.00 | 28.60 1.47 0.00 | 28.77 1.42 0.00 | 30.96 1.65 0.00 | 32.42 2.04 0.00 | 31.67 2.19 0.00 | 34.52 2.29 -1.19 | 38.76 2.60 -2.18 | 35.89 2.55 -3.31 | 36.43 2.87 -2.83 | 39.15 2.96 -6.60 | 38.68 3.63 0.00 | 44.29 3.81 0.00 | 43.92 3.80 0.00 | 40.96 3.87 0.00 | 41.35 3.71 0.00 | 41.64 3.32 0.10 | 63.87 4.10 0.00 | 38.69 2.60 0.00 | 34.41 2.45 0.00 | 32.94 2.54 0.00 | 34.23 2.61 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 30.54 1.59 0.00 | 28.71 1.38 0.00 | 28.55 1.12 0.00 | 28.05 0.92 0.00 | 28.23 0.88 0.00 | 30.29 0.98 0.00 | 31.77 1.39 0.00 | 31.18 1.70 0.00 | 34.09 1.87 -1.18 | 38.35 2.21 -2.16 | 35.27 1.96 -3.29 | 35.68 2.16 -2.79 | 38.41 2.28 -6.54 | 37.84 2.79 0.00 | 43.46 2.98 0.00 | 43.18 3.06 0.00 | 40.32 3.23 0.00 | 40.69 3.04 0.00 | 41.17 2.75 0.00 | 62.94 3.17 0.00 | 38.19 2.10 0.00 | 33.92 1.96 0.00 | 32.32 1.92 0.00 | 33.58 1.96 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 30.57 1.61 0.00 | 28.74 1.40 0.00 | 28.57 1.14 0.00 | 28.07 0.94 0.00 | 28.25 0.90 0.00 | 30.32 1.01 0.00 | 31.79 1.40 0.00 | 31.20 1.73 0.00 | 34.09 1.88 -1.18 | 38.38 2.24 -2.16 | 35.30 1.99 -3.29 | 35.69 2.17 -2.79 | 38.43 2.30 -6.54 | 37.87 2.81 0.00 | 43.48 3.00 0.00 | 43.21 3.09 0.00 | 40.35 3.26 0.00 | 40.71 3.07 0.00 | 41.19 2.78 0.00 | 63.00 3.22 0.00 | 38.22 2.13 0.00 | 33.95 1.99 0.00 | 32.35 1.95 0.00 | 33.60 1.99 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 30.52 1.57 0.00 | 28.70 1.37 0.00 | 28.53 1.10 0.00 | 28.04 0.91 0.00 | 28.22 0.87 0.00 | 30.29 0.97 0.00 | 31.75 1.37 0.00 | 31.17 1.69 0.00 | 34.07 1.85 -1.18 | 38.35 2.20 -2.16 | 35.26 1.94 -3.29 | 35.66 2.14 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.42 2.94 0.00 | 43.15 3.03 0.00 | 40.30 3.20 0.00 | 40.66 3.01 0.00 | 41.14 2.72 0.00 | 62.89 3.12 0.00 | 38.15 2.07 0.00 | 33.90 1.93 0.00 | 32.29 1.90 0.00 | 33.55 1.94 0.00 |
| FARRAGUT___LBMP 323566 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.51 1.08 0.00 | 28.01 0.88 0.00 | 28.20 0.85 0.00 | 30.26 0.95 0.00 | 31.73 1.34 0.00 | 31.13 1.66 0.00 | 34.03 1.81 -1.18 | 38.29 2.15 -2.16 | 35.22 1.90 -3.29 | 35.62 2.10 -2.79 | 38.35 2.21 -6.54 | 37.77 2.72 0.00 | 43.37 2.89 0.00 | 43.10 2.98 0.00 | 40.25 3.16 0.00 | 40.62 2.96 0.00 | 41.10 2.68 0.00 | 62.84 3.06 0.00 | 38.12 2.03 0.00 | 33.87 1.91 0.00 | 32.27 1.87 0.00 | 33.53 1.91 0.00 |
| FENNER___WINDPWR 24204 | 29.57 0.62 0.00 | 27.83 0.49 0.00 | 27.86 0.44 0.00 | 27.51 0.38 0.00 | 27.74 0.38 0.00 | 29.81 0.49 0.00 | 30.96 0.57 0.00 | 30.06 0.59 0.00 | 31.55 0.51 0.00 | 34.52 0.53 0.00 | 30.45 0.42 0.00 | 31.20 0.46 0.00 | 30.15 0.55 0.00 | 35.75 0.70 0.00 | 41.33 0.86 0.00 | 40.98 0.86 0.00 | 38.01 0.92 0.00 | 38.69 1.04 0.00 | 39.57 1.15 0.00 | 61.50 1.73 0.00 | 37.09 1.01 0.00 | 32.70 0.74 0.00 | 30.99 0.59 0.00 | 32.14 0.52 0.00 |
| FIBERTEK___ENERGY 23856 | 29.11 0.15 0.00 | 27.37 0.04 0.00 | 27.40 -0.04 0.00 | 27.01 -0.12 0.00 | 27.26 -0.09 0.00 | 29.27 -0.05 0.00 | 30.36 -0.03 0.00 | 29.44 -0.03 0.00 | 30.90 -0.13 0.00 | 33.94 -0.04 0.00 | 29.94 -0.09 0.00 | 30.74 0.01 0.00 | 29.78 0.18 0.00 | 35.33 0.28 0.00 | 40.82 0.34 0.00 | 40.40 0.28 0.00 | 37.53 0.44 0.00 | 38.14 0.50 0.00 | 38.93 0.51 0.00 | 60.37 0.60 0.00 | 36.38 0.29 0.00 | 32.19 0.23 0.00 | 30.53 0.13 0.00 | 31.70 0.08 0.00 |
| FITZPATRICK____ 23598 | 28.34 -0.61 0.00 | 26.69 -0.65 0.00 | 26.72 -0.71 0.00 | 26.39 -0.75 0.00 | 26.60 -0.74 0.00 | 28.56 -0.77 0.00 | 29.57 -0.82 0.00 | 28.65 -0.82 0.00 | 30.10 -0.93 0.00 | 33.04 -0.94 0.00 | 29.18 -0.85 0.00 | 29.91 -0.82 0.00 | 28.91 -0.68 0.00 | 34.25 -0.80 0.00 | 39.58 -0.90 0.00 | 39.19 -0.93 0.00 | 36.33 -0.76 0.00 | 36.90 -0.75 0.00 | 37.64 -0.77 0.00 | 58.48 -1.29 0.00 | 35.28 -0.81 0.00 | 31.23 -0.73 0.00 | 29.66 -0.74 0.00 | 30.83 -0.79 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 39.94 2.05 -8.93 | 31.90 1.80 -2.77 | 28.85 1.42 0.00 | 28.30 1.17 0.00 | 28.47 1.12 0.00 | 30.72 1.40 0.00 | 32.17 1.79 0.00 | 31.37 1.90 0.00 | 34.13 1.90 -1.19 | 38.31 2.14 -2.18 | 35.46 2.12 -3.31 | 35.94 2.38 -2.83 | 38.61 2.42 -6.60 | 38.06 3.01 0.00 | 43.53 3.05 0.00 | 42.91 2.79 0.00 | 40.14 3.05 0.00 | 40.50 2.85 0.00 | 40.06 2.37 0.00 | 62.65 2.88 0.00 | 37.88 1.80 0.00 | 33.64 1.68 0.00 | 32.36 1.96 0.00 | 33.70 2.08 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 30.46 1.51 0.00 | 28.63 1.30 0.00 | 28.53 1.09 0.00 | 28.06 0.93 0.00 | 28.25 0.90 0.00 | 30.33 1.01 0.00 | 31.81 1.42 0.00 | 31.21 1.74 0.00 | 32.90 1.87 0.00 | 36.16 2.18 0.00 | 31.97 1.94 0.00 | 32.85 2.12 0.00 | 31.68 2.09 0.00 | 37.58 2.53 0.00 | 43.30 2.82 0.00 | 43.07 2.95 0.00 | 40.20 3.11 0.00 | 40.68 3.03 0.00 | 41.22 2.81 0.00 | 63.19 3.42 0.00 | 38.21 2.13 0.00 | 33.89 1.93 0.00 | 32.24 1.85 0.00 | 33.48 1.86 0.00 |
| FORT ORANGE____ 23900 | 29.51 0.56 0.00 | 27.84 0.51 0.00 | 27.86 0.43 0.00 | 27.48 0.35 0.00 | 27.68 0.33 0.00 | 29.64 0.33 0.00 | 30.86 0.47 0.00 | 30.04 0.57 0.00 | 31.78 0.56 -0.19 | 34.87 0.54 -0.35 | 30.95 0.40 -0.53 | 31.54 0.36 -0.45 | 31.01 0.36 -1.05 | 35.46 0.41 0.00 | 40.92 0.45 0.00 | 40.62 0.49 0.00 | 37.84 0.75 0.00 | 38.42 0.77 0.00 | 39.25 0.83 0.00 | 60.63 0.86 0.00 | 36.76 0.68 0.00 | 32.70 0.73 0.00 | 31.27 0.87 0.00 | 32.50 0.87 0.00 |
| FORT_DRUM_COGEN 23780 | 28.61 -0.34 0.00 | 26.93 -0.40 0.00 | 27.11 -0.32 0.00 | 26.97 -0.16 0.00 | 27.27 -0.08 0.00 | 29.32 0.00 0.00 | 30.50 0.11 0.00 | 29.57 0.10 0.00 | 31.07 0.03 0.00 | 33.94 -0.04 0.00 | 29.89 -0.14 0.00 | 30.53 -0.20 0.00 | 29.32 -0.27 0.00 | 34.78 -0.27 0.00 | 40.28 -0.20 0.00 | 39.85 -0.27 0.00 | 36.97 -0.12 0.00 | 37.92 0.27 0.00 | 39.08 0.67 0.00 | 61.42 1.65 0.00 | 36.99 0.91 0.00 | 32.15 0.19 0.00 | 30.28 -0.12 0.00 | 31.62 0.00 0.00 |
| FOX_HILLS___ESR 323835 | 30.55 1.60 0.00 | 28.72 1.39 0.00 | 28.56 1.13 0.00 | 28.05 0.93 0.00 | 28.23 0.89 0.00 | 30.31 0.99 0.00 | 31.79 1.41 0.00 | 31.16 1.69 0.00 | 34.05 1.83 -1.18 | 38.29 2.14 -2.16 | 35.21 1.89 -3.29 | 35.68 2.16 -2.79 | 38.45 2.32 -6.54 | 37.89 2.83 -0.01 | 43.46 2.98 0.00 | 43.28 3.07 -0.09 | 40.74 3.29 -0.36 | 40.84 3.08 -0.12 | 41.14 2.72 0.00 | 62.77 3.00 0.00 | 38.13 2.05 0.00 | 33.91 1.94 0.00 | 36.11 1.94 -3.78 | 34.41 1.96 -0.83 |
| FPL FAR_ROCK_GT1 24212 | 40.21 2.33 -8.93 | 32.14 2.04 -2.77 | 29.13 1.70 0.00 | 28.60 1.47 0.00 | 28.77 1.42 0.00 | 30.96 1.64 0.00 | 32.42 2.03 0.00 | 31.66 2.19 0.00 | 34.52 2.29 -1.19 | 38.76 2.60 -2.18 | 35.88 2.54 -3.31 | 36.42 2.86 -2.83 | 39.15 2.96 -6.60 | 38.68 3.63 0.00 | 44.29 3.81 0.00 | 43.92 3.80 0.00 | 40.96 3.86 0.00 | 41.35 3.71 0.00 | 41.64 3.32 0.10 | 63.87 4.10 0.00 | 38.68 2.60 0.00 | 34.41 2.45 0.00 | 32.94 2.54 0.00 | 34.23 2.61 0.00 |

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| FPL FAR_ROCK_GT2 23815 | 40.21 2.33 -8.93 | 32.14 2.04 -2.77 | 29.13 1.70 0.00 | 28.60 1.47 0.00 | 28.77 1.42 0.00 | 30.96 1.64 0.00 | 32.42 2.03 0.00 | 31.66 2.19 0.00 | 34.52 2.29 -1.19 | 38.76 2.60 -2.18 | 35.88 2.54 -3.31 | 36.42 2.86 -2.83 | 39.15 2.96 -6.60 | 38.68 3.63 0.00 | 44.29 3.81 0.00 | 43.92 3.80 0.00 | 40.96 3.86 0.00 | 41.35 3.71 0.00 | 41.64 3.32 0.10 | 63.87 4.10 0.00 | 38.68 2.60 0.00 | 34.41 2.45 0.00 | 32.94 2.54 0.00 | 34.23 2.61 0.00 |
| FRANKLIN_FALL_HYD 24054 | 29.05 0.10 0.00 | 27.51 0.17 0.00 | 27.68 0.25 0.00 | 27.65 0.52 0.00 | 27.98 0.63 0.00 | 30.01 0.69 0.00 | 31.07 0.68 0.00 | 30.06 0.59 0.00 | 31.83 0.80 0.00 | 34.71 0.73 0.00 | 30.76 0.74 0.00 | 31.32 0.59 0.00 | 29.89 0.29 0.00 | 35.36 0.31 0.00 | 40.92 0.44 0.00 | 40.52 0.40 0.00 | 37.03 -0.06 0.00 | 37.76 0.11 0.00 | 38.66 0.25 0.00 | 60.92 1.15 0.00 | 36.65 0.56 0.00 | 32.15 0.19 0.00 | 30.46 0.06 0.00 | 31.55 -0.07 0.00 |
| FREEPORT_EQUUS_GT1 23764 | 39.94 2.06 -8.93 | 31.90 1.80 -2.77 | 28.88 1.45 0.00 | 28.35 1.22 0.00 | 28.52 1.17 0.00 | 30.72 1.40 0.00 | 32.15 1.77 0.00 | 31.41 1.93 0.00 | 34.23 2.00 -1.19 | 38.42 2.25 -2.18 | 35.55 2.20 -3.31 | 36.03 2.48 -2.83 | 38.77 2.58 -6.60 | 38.18 3.13 0.00 | 43.54 3.06 0.00 | 43.04 2.91 0.00 | 40.19 3.10 0.00 | 40.56 2.92 0.00 | 40.41 2.51 0.52 | 62.84 3.06 0.00 | 38.06 1.98 0.00 | 33.97 2.00 0.00 | 32.55 2.16 0.00 | 33.88 2.26 0.00 |
| FREEPORT___CT2 23818 | 39.94 2.06 -8.93 | 31.90 1.80 -2.77 | 28.88 1.45 0.00 | 28.35 1.22 0.00 | 28.52 1.17 0.00 | 30.72 1.40 0.00 | 32.15 1.77 0.00 | 31.41 1.93 0.00 | 34.23 2.00 -1.19 | 38.42 2.25 -2.18 | 35.55 2.20 -3.31 | 36.03 2.48 -2.83 | 38.77 2.58 -6.60 | 38.18 3.13 0.00 | 43.54 3.06 0.00 | 43.04 2.91 0.00 | 40.19 3.10 0.00 | 40.56 2.92 0.00 | 40.41 2.51 0.52 | 62.84 3.06 0.00 | 38.06 1.98 0.00 | 33.97 2.00 0.00 | 32.55 2.16 0.00 | 33.88 2.26 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 30.49 1.54 0.00 | 28.68 1.34 0.00 | 28.51 1.08 0.00 | 28.02 0.89 0.00 | 28.20 0.85 0.00 | 30.27 0.95 0.00 | 31.76 1.37 0.00 | 31.10 1.63 0.00 | 33.98 1.76 -1.18 | 38.19 2.04 -2.16 | 35.16 1.85 -3.29 | 35.65 2.13 -2.79 | 38.41 2.28 -6.54 | 37.85 2.79 -0.01 | 43.40 2.92 0.00 | 43.23 3.01 -0.09 | 40.70 3.25 -0.36 | 40.81 3.05 -0.12 | 41.09 2.68 0.00 | 62.69 2.92 0.00 | 38.10 2.02 0.00 | 33.89 1.92 0.00 | 36.06 1.89 -3.78 | 34.35 1.91 -0.83 |
| FULTON COGEN____ 23766 | 28.72 -0.23 0.00 | 27.02 -0.31 0.00 | 27.04 -0.39 0.00 | 26.68 -0.45 0.00 | 26.91 -0.44 0.00 | 28.88 -0.44 0.00 | 29.95 -0.44 0.00 | 29.04 -0.43 0.00 | 30.49 -0.54 0.00 | 33.43 -0.55 0.00 | 29.51 -0.52 0.00 | 30.26 -0.47 0.00 | 29.28 -0.31 0.00 | 34.70 -0.35 0.00 | 40.09 -0.38 0.00 | 39.74 -0.38 0.00 | 36.88 -0.21 0.00 | 37.50 -0.15 0.00 | 38.32 -0.10 0.00 | 59.52 -0.25 0.00 | 35.92 -0.16 0.00 | 31.76 -0.20 0.00 | 30.14 -0.26 0.00 | 31.29 -0.33 0.00 |
| FULTON___LFGE 323630 | 31.98 3.02 0.00 | 30.02 2.69 0.00 | 30.03 2.59 0.00 | 29.62 2.49 0.00 | 29.86 2.51 0.00 | 32.19 2.87 0.00 | 33.42 3.03 0.00 | 31.90 2.43 0.00 | 32.38 1.34 0.00 | 34.58 0.60 0.00 | 30.04 0.01 0.00 | 30.58 -0.15 0.00 | 29.45 -0.15 0.00 | 35.04 -0.01 0.00 | 40.84 0.36 0.00 | 41.16 1.04 0.00 | 38.87 1.78 0.00 | 40.64 2.99 0.00 | 43.12 4.71 0.00 | 67.89 8.12 0.00 | 40.79 4.71 0.00 | 35.96 4.00 0.00 | 34.03 3.63 0.00 | 35.13 3.51 0.00 |
| G.F.CEMENT___DRP 24184 | 31.34 2.39 0.00 | 29.40 2.07 0.00 | 29.43 2.00 0.00 | 29.02 1.90 0.00 | 29.23 1.89 0.00 | 31.40 2.08 0.00 | 32.78 2.40 0.00 | 31.88 2.41 0.00 | 33.62 2.40 -0.19 | 36.69 2.37 -0.34 | 32.32 1.77 -0.52 | 32.89 1.72 -0.44 | 32.35 1.73 -1.03 | 36.97 1.92 0.00 | 42.79 2.32 0.00 | 42.76 2.64 0.00 | 39.81 2.72 0.00 | 40.68 3.03 0.00 | 41.92 3.51 0.00 | 64.88 5.11 0.00 | 39.75 3.66 0.00 | 35.14 3.17 0.00 | 33.05 2.65 0.00 | 34.45 2.83 0.00 |
| GARDENVILLE___LBMP 24039 | 28.18 -0.77 0.00 | 26.27 -1.06 0.00 | 26.15 -1.28 0.00 | 25.63 -1.50 0.00 | 25.90 -1.46 0.00 | 27.89 -1.43 0.00 | 28.80 -1.59 0.00 | 28.21 -1.27 0.00 | 29.52 -1.51 0.00 | 32.93 -1.05 0.00 | 29.08 -0.95 0.00 | 30.03 -0.70 0.00 | 29.45 -0.15 0.00 | 34.67 -0.38 0.00 | 40.12 -0.35 0.00 | 39.12 -1.00 0.00 | 36.04 -1.06 0.00 | 36.60 -1.05 0.00 | 37.25 -1.16 0.00 | 58.32 -1.45 0.00 | 35.03 -1.05 0.00 | 30.85 -1.11 0.00 | 29.20 -1.20 0.00 | 30.24 -1.38 0.00 |
| GARDNVLA_35_KV_LD 355827 | 28.31 -0.64 0.00 | 26.38 -0.95 0.00 | 26.26 -1.17 0.00 | 25.75 -1.38 0.00 | 26.01 -1.34 0.00 | 28.03 -1.29 0.00 | 28.92 -1.46 0.00 | 28.33 -1.14 0.00 | 29.65 -1.39 0.00 | 33.09 -0.90 0.00 | 29.22 -0.81 0.00 | 30.21 -0.52 0.00 | 29.63 0.04 0.00 | 34.90 -0.15 0.00 | 40.37 -0.10 0.00 | 39.36 -0.76 0.00 | 36.25 -0.84 0.00 | 36.83 -0.82 0.00 | 37.50 -0.92 0.00 | 58.69 -1.08 0.00 | 35.27 -0.81 0.00 | 31.04 -0.92 0.00 | 29.39 -1.01 0.00 | 30.41 -1.21 0.00 |
| GELCKHM___115KV_LOAD 80723 | 28.68 -0.27 0.00 | 26.98 -0.35 0.00 | 27.01 -0.42 0.00 | 26.64 -0.49 0.00 | 26.87 -0.48 0.00 | 28.84 -0.48 0.00 | 29.90 -0.48 0.00 | 29.00 -0.47 0.00 | 30.47 -0.56 0.00 | 33.47 -0.52 0.00 | 29.56 -0.47 0.00 | 30.34 -0.40 0.00 | 29.36 -0.24 0.00 | 34.80 -0.25 0.00 | 40.39 -0.09 0.00 | 40.06 -0.06 0.00 | 37.20 0.11 0.00 | 37.80 0.15 0.00 | 38.56 0.14 0.00 | 59.83 0.06 0.00 | 36.06 -0.02 0.00 | 31.91 -0.05 0.00 | 30.28 -0.12 0.00 | 31.44 -0.18 0.00 |
| GENERAL___MILLS 23808 | 28.25 -0.70 0.00 | 26.33 -1.01 0.00 | 26.21 -1.22 0.00 | 25.71 -1.42 0.00 | 25.97 -1.38 0.00 | 27.97 -1.35 0.00 | 28.87 -1.51 0.00 | 28.28 -1.19 0.00 | 29.60 -1.43 0.00 | 33.01 -0.97 0.00 | 29.15 -0.88 0.00 | 30.12 -0.61 0.00 | 29.54 -0.06 0.00 | 34.78 -0.27 0.00 | 40.25 -0.23 0.00 | 39.24 -0.88 0.00 | 36.14 -0.95 0.00 | 36.72 -0.93 0.00 | 37.38 -1.03 0.00 | 58.51 -1.26 0.00 | 35.17 -0.92 0.00 | 30.96 -1.01 0.00 | 29.30 -1.10 0.00 | 30.34 -1.28 0.00 |
| GE_PLASTICS___DRP 24183 | 29.41 0.46 0.00 | 27.74 0.41 0.00 | 27.78 0.35 0.00 | 27.39 0.27 0.00 | 27.59 0.24 0.00 | 29.57 0.25 0.00 | 30.76 0.38 0.00 | 29.95 0.48 0.00 | 31.70 0.48 -0.19 | 34.82 0.49 -0.34 | 30.93 0.38 -0.52 | 31.54 0.36 -0.44 | 31.01 0.37 -1.04 | 35.48 0.43 0.00 | 40.91 0.43 0.00 | 40.58 0.46 0.00 | 37.77 0.67 0.00 | 38.30 0.65 0.00 | 39.06 0.65 0.00 | 60.31 0.54 0.00 | 36.54 0.46 0.00 | 32.49 0.53 0.00 | 31.04 0.64 0.00 | 32.28 0.66 0.00 |
| GILBOA___1 23756 | 29.49 0.54 0.00 | 27.80 0.47 0.00 | 27.89 0.46 0.00 | 27.50 0.37 0.00 | 27.70 0.35 0.00 | 29.70 0.39 0.00 | 30.86 0.47 0.00 | 30.05 0.58 0.00 | 31.62 0.59 0.00 | 34.65 0.67 0.00 | 30.58 0.55 0.00 | 31.31 0.58 0.00 | 30.23 0.64 0.00 | 35.82 0.77 0.00 | 41.27 0.80 0.00 | 40.88 0.76 0.00 | 38.01 0.92 0.00 | 38.46 0.81 0.00 | 39.22 0.81 0.00 | 60.52 0.74 0.00 | 36.65 0.57 0.00 | 32.58 0.62 0.00 | 31.03 0.63 0.00 | 32.28 0.66 0.00 |
| GILBOA___2 23757 | 29.49 0.54 0.00 | 27.80 0.47 0.00 | 27.89 0.46 0.00 | 27.50 0.37 0.00 | 27.70 0.35 0.00 | 29.70 0.39 0.00 | 30.86 0.47 0.00 | 30.05 0.58 0.00 | 31.62 0.59 0.00 | 34.65 0.67 0.00 | 30.58 0.55 0.00 | 31.31 0.58 0.00 | 30.23 0.64 0.00 | 35.82 0.77 0.00 | 41.27 0.80 0.00 | 40.88 0.76 0.00 | 38.01 0.92 0.00 | 38.46 0.81 0.00 | 39.22 0.81 0.00 | 60.52 0.74 0.00 | 36.65 0.57 0.00 | 32.58 0.62 0.00 | 31.03 0.63 0.00 | 32.28 0.66 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GILBOA___3 23758 | 29.49 0.54 0.00 | 27.80 0.47 0.00 | 27.89 0.46 0.00 | 27.50 0.37 0.00 | 27.70 0.35 0.00 | 29.70 0.39 0.00 | 30.86 0.47 0.00 | 30.05 0.58 0.00 | 31.62 0.59 0.00 | 34.65 0.67 0.00 | 30.58 0.55 0.00 | 31.31 0.58 0.00 | 30.23 0.64 0.00 | 35.82 0.77 0.00 | 41.27 0.80 0.00 | 40.88 0.76 0.00 | 38.01 0.92 0.00 | 38.46 0.81 0.00 | 39.22 0.81 0.00 | 60.52 0.74 0.00 | 36.65 0.57 0.00 | 32.58 0.62 0.00 | 31.03 0.63 0.00 | 32.28 0.66 0.00 |
| GILBOA___4 23759 | 29.49 0.54 0.00 | 27.80 0.47 0.00 | 27.89 0.46 0.00 | 27.50 0.37 0.00 | 27.70 0.35 0.00 | 29.70 0.39 0.00 | 30.86 0.47 0.00 | 30.05 0.58 0.00 | 31.62 0.59 0.00 | 34.65 0.67 0.00 | 30.58 0.55 0.00 | 31.31 0.58 0.00 | 30.23 0.64 0.00 | 35.82 0.77 0.00 | 41.27 0.80 0.00 | 40.88 0.76 0.00 | 38.01 0.92 0.00 | 38.46 0.81 0.00 | 39.22 0.81 0.00 | 60.52 0.74 0.00 | 36.65 0.57 0.00 | 32.58 0.62 0.00 | 31.03 0.63 0.00 | 32.28 0.66 0.00 |
| GILBOA___ 23599 | 29.50 0.54 0.00 | 27.80 0.47 0.00 | 27.89 0.46 0.00 | 27.50 0.37 0.00 | 27.70 0.35 0.00 | 29.70 0.39 0.00 | 30.86 0.47 0.00 | 30.05 0.58 0.00 | 31.62 0.59 0.00 | 34.65 0.67 0.00 | 30.58 0.55 0.00 | 31.31 0.58 0.00 | 30.24 0.64 0.00 | 35.82 0.77 0.00 | 41.27 0.79 0.00 | 40.89 0.76 0.00 | 38.01 0.92 0.00 | 38.46 0.81 0.00 | 39.22 0.81 0.00 | 60.52 0.74 0.00 | 36.65 0.57 0.00 | 32.58 0.62 0.00 | 31.03 0.63 0.00 | 32.28 0.66 0.00 |
| GINNA___ 23603 | 27.54 -1.41 0.00 | 25.79 -1.55 0.00 | 25.71 -1.72 0.00 | 25.31 -1.82 0.00 | 25.56 -1.80 0.00 | 27.50 -1.82 0.00 | 28.46 -1.93 0.00 | 27.72 -1.76 0.00 | 29.06 -1.97 0.00 | 32.12 -1.87 0.00 | 28.43 -1.60 0.00 | 29.29 -1.45 0.00 | 28.52 -1.08 0.00 | 33.78 -1.28 0.00 | 39.15 -1.33 0.00 | 38.62 -1.50 0.00 | 35.78 -1.31 0.00 | 36.40 -1.25 0.00 | 37.08 -1.33 0.00 | 57.75 -2.02 0.00 | 34.74 -1.35 0.00 | 30.61 -1.35 0.00 | 28.97 -1.43 0.00 | 29.99 -1.63 0.00 |
| GLEN PARK___ 23778 | 28.70 -0.25 0.00 | 27.00 -0.34 0.00 | 27.16 -0.27 0.00 | 27.00 -0.12 0.00 | 27.31 -0.04 0.00 | 29.36 0.04 0.00 | 30.55 0.16 0.00 | 29.63 0.15 0.00 | 31.11 0.08 0.00 | 34.00 0.02 0.00 | 29.93 -0.10 0.00 | 30.56 -0.18 0.00 | 29.34 -0.26 0.00 | 34.82 -0.23 0.00 | 40.32 -0.16 0.00 | 39.90 -0.22 0.00 | 37.06 -0.04 0.00 | 38.05 0.40 0.00 | 39.28 0.86 0.00 | 61.77 2.00 0.00 | 37.23 1.15 0.00 | 32.36 0.40 0.00 | 30.46 0.06 0.00 | 31.78 0.16 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 30.73 1.77 0.00 | 28.87 1.54 0.00 | 28.69 1.27 0.00 | 28.19 1.06 0.00 | 28.38 1.03 0.00 | 30.47 1.15 0.00 | 31.98 1.60 0.00 | 31.38 1.91 0.00 | 34.32 2.10 -1.18 | 38.59 2.44 -2.16 | 35.47 2.15 -3.29 | 35.89 2.37 -2.79 | 38.62 2.49 -6.54 | 38.08 3.03 0.00 | 43.71 3.23 0.00 | 43.44 3.31 0.00 | 40.57 3.47 0.00 | 40.91 3.26 0.00 | 41.37 2.95 0.00 | 63.22 3.44 0.00 | 38.35 2.27 0.00 | 34.10 2.14 0.00 | 32.52 2.12 0.00 | 33.76 2.14 0.00 |
| GLENWOOD_IC_1_G5 23712 | 39.89 2.01 -8.93 | 31.86 1.75 -2.77 | 28.84 1.41 0.00 | 28.32 1.19 0.00 | 28.50 1.15 0.00 | 30.68 1.36 0.00 | 32.13 1.74 0.00 | 31.40 1.93 0.00 | 34.26 2.04 -1.19 | 38.47 2.30 -2.18 | 35.58 2.24 -3.31 | 36.08 2.52 -2.83 | 38.80 2.61 -6.60 | 38.25 3.20 0.00 | 43.68 3.20 0.00 | 43.31 3.19 0.00 | 40.43 3.34 0.00 | 40.77 3.12 0.00 | 40.81 2.71 0.31 | 62.90 3.13 0.00 | 38.10 2.02 0.00 | 33.99 2.02 0.00 | 32.53 2.13 0.00 | 33.85 2.23 0.00 |
| GLENWOOD_IC_2_G1 23688 | 39.80 1.92 -8.93 | 31.78 1.68 -2.77 | 28.78 1.35 0.00 | 28.26 1.13 0.00 | 28.44 1.09 0.00 | 30.61 1.29 0.00 | 32.05 1.67 0.00 | 31.32 1.85 0.00 | 34.17 1.94 -1.19 | 38.36 2.20 -2.18 | 35.47 2.12 -3.31 | 35.94 2.38 -2.83 | 38.66 2.47 -6.60 | 38.08 3.03 0.00 | 43.59 3.11 0.00 | 43.23 3.11 0.00 | 40.35 3.25 0.00 | 40.71 3.07 0.00 | 40.99 2.67 0.10 | 62.84 3.07 0.00 | 38.07 1.98 0.00 | 33.88 1.92 0.00 | 32.44 2.04 0.00 | 33.76 2.14 0.00 |
| GLENWOOD_IC_3_G1 23689 | 39.80 1.92 -8.93 | 31.78 1.68 -2.77 | 28.78 1.35 0.00 | 28.26 1.13 0.00 | 28.44 1.09 0.00 | 30.61 1.29 0.00 | 32.05 1.67 0.00 | 31.32 1.85 0.00 | 34.17 1.94 -1.19 | 38.36 2.20 -2.18 | 35.47 2.12 -3.31 | 35.94 2.38 -2.83 | 38.66 2.47 -6.60 | 38.08 3.03 0.00 | 43.59 3.11 0.00 | 43.23 3.11 0.00 | 40.35 3.25 0.00 | 40.71 3.07 0.00 | 40.99 2.67 0.10 | 62.84 3.07 0.00 | 38.07 1.98 0.00 | 33.88 1.92 0.00 | 32.44 2.04 0.00 | 33.76 2.14 0.00 |
| GLENWOOD___4 23550 | 39.89 2.01 -8.93 | 31.86 1.75 -2.77 | 28.84 1.41 0.00 | 28.32 1.19 0.00 | 28.50 1.15 0.00 | 30.68 1.36 0.00 | 32.13 1.74 0.00 | 31.40 1.93 0.00 | 34.26 2.04 -1.19 | 38.47 2.30 -2.18 | 35.58 2.24 -3.31 | 36.08 2.52 -2.83 | 38.80 2.61 -6.60 | 38.25 3.20 0.00 | 43.73 3.25 0.00 | 43.36 3.23 0.00 | 40.48 3.38 0.00 | 40.82 3.17 0.00 | 40.85 2.75 0.31 | 62.97 3.19 0.00 | 38.14 2.06 0.00 | 33.99 2.02 0.00 | 32.53 2.13 0.00 | 33.85 2.23 0.00 |
| GLENWOOD___5 23614 | 39.89 2.01 -8.93 | 31.86 1.75 -2.77 | 28.84 1.41 0.00 | 28.32 1.19 0.00 | 28.50 1.15 0.00 | 30.68 1.36 0.00 | 32.13 1.74 0.00 | 31.40 1.93 0.00 | 34.26 2.04 -1.19 | 38.47 2.30 -2.18 | 35.58 2.24 -3.31 | 36.08 2.52 -2.83 | 38.80 2.61 -6.60 | 38.25 3.20 0.00 | 43.73 3.25 0.00 | 43.36 3.23 0.00 | 40.48 3.38 0.00 | 40.82 3.17 0.00 | 40.85 2.75 0.31 | 62.97 3.19 0.00 | 38.14 2.06 0.00 | 33.99 2.02 0.00 | 32.53 2.13 0.00 | 33.85 2.23 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 41.01 3.13 -8.93 | 32.88 2.78 -2.77 | 29.80 2.37 0.00 | 29.19 2.06 0.00 | 29.32 1.97 0.00 | 31.72 2.41 0.00 | 33.26 2.88 0.00 | 32.40 2.92 0.00 | 35.24 3.02 -1.19 | 39.66 3.49 -2.18 | 36.59 3.25 -3.31 | 37.06 3.50 -2.83 | 39.84 3.65 -6.60 | 39.62 4.57 0.00 | 45.40 4.93 0.00 | 44.87 4.74 0.00 | 42.06 4.97 0.00 | 42.43 4.78 0.00 | 41.90 4.21 0.72 | 65.06 5.29 0.00 | 39.32 3.23 0.00 | 34.94 2.98 0.00 | 33.58 3.18 0.00 | 34.90 3.27 0.00 |
| GLOBE___DSASP 323697 | 27.31 -1.65 0.00 | 25.46 -1.88 0.00 | 25.32 -2.11 0.00 | 24.88 -2.25 0.00 | 25.17 -2.18 0.00 | 27.09 -2.23 0.00 | 27.86 -2.53 0.00 | 27.22 -2.25 0.00 | 28.52 -2.52 0.00 | 31.73 -2.25 0.00 | 28.03 -1.99 0.00 | 28.92 -1.81 0.00 | 28.30 -1.30 0.00 | 33.22 -1.83 0.00 | 38.35 -2.13 0.00 | 37.32 -2.80 0.00 | 34.45 -2.65 0.00 | 35.12 -2.53 0.00 | 35.84 -2.57 0.00 | 56.32 -3.46 0.00 | 33.93 -2.16 0.00 | 29.87 -2.09 0.00 | 28.31 -2.09 0.00 | 29.36 -2.26 0.00 |
| GOETHSLN___LBMP 323567 | 30.41 1.45 0.00 | 28.60 1.26 0.00 | 28.42 0.99 0.00 | 27.93 0.80 0.00 | 28.09 0.74 0.00 | 30.13 0.81 0.00 | 31.59 1.20 0.00 | 30.99 1.52 0.00 | 33.87 1.66 -1.18 | 38.12 1.97 -2.16 | 35.07 1.75 -3.29 | 35.47 1.95 -2.79 | 38.20 2.07 -6.54 | 37.62 2.57 0.00 | 43.18 2.70 0.00 | 42.93 2.80 0.00 | 40.10 3.01 0.00 | 40.46 2.81 0.00 | 40.97 2.55 0.00 | 62.59 2.82 0.00 | 38.02 1.94 0.00 | 33.79 1.83 0.00 | 32.20 1.80 0.00 | 33.46 1.83 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 28.84 -0.11 0.00 | 26.95 -0.38 0.00 | 26.85 -0.58 0.00 | 26.40 -0.73 0.00 | 26.67 -0.68 0.00 | 28.71 -0.61 0.00 | 29.68 -0.71 0.00 | 28.96 -0.51 0.00 | 30.32 -0.71 0.00 | 33.54 -0.44 0.00 | 29.65 -0.38 0.00 | 30.55 -0.18 0.00 | 29.81 0.21 0.00 | 35.22 0.17 0.00 | 40.84 0.36 0.00 | 40.28 0.16 0.00 | 37.35 0.26 0.00 | 37.99 0.34 0.00 | 38.71 0.29 0.00 | 60.41 0.64 0.00 | 36.34 0.26 0.00 | 32.01 0.04 0.00 | 30.27 -0.13 0.00 | 31.32 -0.31 0.00 |

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| GOODYEAR_LAKE_HYD 323669 | 30.01 1.06 0.00 | 28.23 0.89 0.00 | 28.24 0.82 0.00 | 27.86 0.73 0.00 | 28.10 0.75 0.00 | 30.19 0.87 0.00 | 31.41 1.02 0.00 | 30.57 1.09 0.00 | 32.13 1.10 0.00 | 35.27 1.29 0.00 | 31.15 1.12 0.00 | 31.94 1.20 0.00 | 30.93 1.33 0.00 | 36.69 1.65 0.00 | 42.37 1.89 0.00 | 42.03 1.90 0.00 | 39.03 1.94 0.00 | 39.57 1.92 0.00 | 40.37 1.96 0.00 | 62.50 2.72 0.00 | 37.63 1.54 0.00 | 33.28 1.32 0.00 | 31.53 1.13 0.00 | 32.71 1.10 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 29.10 0.15 0.00 | 27.37 0.04 0.00 | 27.41 -0.02 0.00 | 27.02 -0.11 0.00 | 27.24 -0.11 0.00 | 29.28 -0.03 0.00 | 30.44 0.05 0.00 | 29.68 0.21 0.00 | 31.11 0.07 0.00 | 34.21 0.22 0.00 | 30.15 0.12 0.00 | 30.93 0.19 0.00 | 30.02 0.42 0.00 | 35.56 0.51 0.00 | 41.14 0.66 0.00 | 40.68 0.56 0.00 | 37.69 0.60 0.00 | 38.24 0.60 0.00 | 38.97 0.55 0.00 | 60.43 0.66 0.00 | 36.37 0.29 0.00 | 32.21 0.25 0.00 | 30.57 0.17 0.00 | 31.73 0.10 0.00 |
| GOUDEY___7 23579 | 29.13 0.17 0.00 | 27.39 0.06 0.00 | 27.43 0.00 0.00 | 27.04 -0.09 0.00 | 27.26 -0.09 0.00 | 29.31 -0.01 0.00 | 30.47 0.08 0.00 | 29.71 0.23 0.00 | 31.13 0.10 0.00 | 34.24 0.26 0.00 | 30.18 0.15 0.00 | 30.96 0.22 0.00 | 30.05 0.46 0.00 | 35.60 0.55 0.00 | 41.18 0.70 0.00 | 40.73 0.61 0.00 | 37.74 0.65 0.00 | 38.29 0.64 0.00 | 39.01 0.59 0.00 | 60.50 0.73 0.00 | 36.42 0.33 0.00 | 32.25 0.28 0.00 | 30.60 0.20 0.00 | 31.76 0.13 0.00 |
| GOUDEY___8 23580 | 29.10 0.15 0.00 | 27.37 0.04 0.00 | 27.41 -0.02 0.00 | 27.02 -0.11 0.00 | 27.24 -0.11 0.00 | 29.28 -0.03 0.00 | 30.44 0.05 0.00 | 29.68 0.21 0.00 | 31.11 0.07 0.00 | 34.21 0.22 0.00 | 30.15 0.12 0.00 | 30.93 0.19 0.00 | 30.02 0.42 0.00 | 35.56 0.51 0.00 | 41.14 0.66 0.00 | 40.68 0.56 0.00 | 37.69 0.60 0.00 | 38.24 0.60 0.00 | 38.97 0.55 0.00 | 60.43 0.66 0.00 | 36.37 0.29 0.00 | 32.21 0.25 0.00 | 30.57 0.17 0.00 | 31.73 0.10 0.00 |
| GOWANUS_GT1_1 24077 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT1_2 24078 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT1_3 24079 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT1_4 24080 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT1_5 24084 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT1_6 24111 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT1_7 24112 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT1_8 24113 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT2_1 24114 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT2_2 24115 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT2_3 24116 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |

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| GOWANUS_GT2_4 24117 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT2_5 24118 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT2_6 24119 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT2_7 24120 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT2_8 24121 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT3_1 24122 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT3_2 24123 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT3_3 24124 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT3_4 24125 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT3_5 24126 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT3_6 24127 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT3_7 24128 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT3_8 24129 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT4_1 24130 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT4_2 24131 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_3 24132 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT4_4 24133 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT4_5 24134 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT4_6 24135 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT4_7 24136 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GOWANUS_GT4_8 24137 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GREENBSH_115KV_TB3 55895 | 29.31 0.36 0.00 | 27.67 0.33 0.00 | 27.70 0.27 0.00 | 27.31 0.18 0.00 | 27.51 0.16 0.00 | 29.47 0.15 0.00 | 30.68 0.29 0.00 | 29.86 0.39 0.00 | 31.62 0.39 -0.20 | 34.73 0.39 -0.36 | 30.85 0.28 -0.54 | 31.45 0.25 -0.46 | 30.94 0.26 -1.08 | 35.33 0.28 0.00 | 40.74 0.26 0.00 | 40.42 0.29 0.00 | 37.63 0.54 0.00 | 38.16 0.51 0.00 | 38.93 0.52 0.00 | 60.07 0.30 0.00 | 36.42 0.33 0.00 | 32.41 0.45 0.00 | 31.02 0.62 0.00 | 32.26 0.64 0.00 |
| GREENDGE_115KV_TB5 80291 | 28.83 -0.13 0.00 | 27.01 -0.33 0.00 | 26.97 -0.46 0.00 | 26.54 -0.59 0.00 | 26.81 -0.54 0.00 | 28.88 -0.44 0.00 | 30.03 -0.36 0.00 | 29.31 -0.16 0.00 | 30.58 -0.45 0.00 | 33.75 -0.23 0.00 | 29.65 -0.38 0.00 | 30.39 -0.34 0.00 | 29.71 0.11 0.00 | 35.13 0.07 0.00 | 40.76 0.28 0.00 | 40.20 0.08 0.00 | 37.24 0.15 0.00 | 37.93 0.28 0.00 | 38.75 0.34 0.00 | 60.25 0.48 0.00 | 36.10 0.02 0.00 | 31.89 -0.08 0.00 | 30.19 -0.21 0.00 | 31.20 -0.42 0.00 |
| GREENIDGE___3 23582 | 28.83 -0.13 0.00 | 27.01 -0.33 0.00 | 26.97 -0.46 0.00 | 26.54 -0.59 0.00 | 26.81 -0.54 0.00 | 28.88 -0.44 0.00 | 30.03 -0.36 0.00 | 29.31 -0.16 0.00 | 30.58 -0.45 0.00 | 33.75 -0.23 0.00 | 29.65 -0.38 0.00 | 30.39 -0.34 0.00 | 29.71 0.11 0.00 | 35.13 0.07 0.00 | 40.76 0.28 0.00 | 40.20 0.08 0.00 | 37.24 0.15 0.00 | 37.93 0.28 0.00 | 38.75 0.34 0.00 | 60.25 0.48 0.00 | 36.10 0.02 0.00 | 31.89 -0.08 0.00 | 30.19 -0.21 0.00 | 31.20 -0.42 0.00 |
| GREENIDGE___4 23583 | 28.83 -0.13 0.00 | 27.01 -0.33 0.00 | 26.97 -0.46 0.00 | 26.53 -0.59 0.00 | 26.81 -0.54 0.00 | 28.87 -0.44 0.00 | 30.03 -0.36 0.00 | 29.31 -0.16 0.00 | 30.58 -0.45 0.00 | 33.75 -0.24 0.00 | 29.65 -0.38 0.00 | 30.41 -0.32 0.00 | 29.71 0.11 0.00 | 35.13 0.07 0.00 | 40.76 0.28 0.00 | 40.20 0.08 0.00 | 37.24 0.15 0.00 | 37.93 0.28 0.00 | 38.74 0.33 0.00 | 60.25 0.48 0.00 | 36.10 0.01 0.00 | 31.89 -0.08 0.00 | 30.19 -0.20 0.00 | 31.20 -0.42 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 39.75 1.87 -8.93 | 31.78 1.67 -2.77 | 28.75 1.32 0.00 | 28.23 1.10 0.00 | 28.41 1.06 0.00 | 30.63 1.31 0.00 | 32.03 1.64 0.00 | 31.18 1.71 0.00 | 33.92 1.70 -1.19 | 38.03 1.86 -2.18 | 35.21 1.86 -3.31 | 35.60 2.04 -2.83 | 38.23 2.04 -6.60 | 37.53 2.48 0.00 | 42.95 2.48 0.00 | 42.58 2.45 0.00 | 39.77 2.68 0.00 | 40.11 2.46 0.00 | 39.73 2.03 0.71 | 61.90 2.13 0.00 | 37.50 1.42 0.00 | 33.32 1.36 0.00 | 32.05 1.65 0.00 | 33.51 1.89 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| GRISSOM___SOLAR 323813 | 31.98 3.02 0.00 | 30.02 2.69 0.00 | 30.03 2.59 0.00 | 29.62 2.49 0.00 | 29.86 2.51 0.00 | 32.19 2.87 0.00 | 33.42 3.03 0.00 | 31.90 2.43 0.00 | 32.38 1.34 0.00 | 34.58 0.60 0.00 | 30.04 0.01 0.00 | 30.58 -0.15 0.00 | 29.45 -0.15 0.00 | 35.04 -0.01 0.00 | 40.84 0.36 0.00 | 41.16 1.04 0.00 | 38.87 1.78 0.00 | 40.64 2.99 0.00 | 43.12 4.71 0.00 | 67.89 8.12 0.00 | 40.79 4.71 0.00 | 35.96 4.00 0.00 | 34.03 3.63 0.00 | 35.13 3.51 0.00 |
| GROVEVILLE___HYD 323602 | 30.46 1.51 0.00 | 28.63 1.30 0.00 | 28.53 1.09 0.00 | 28.06 0.93 0.00 | 28.25 0.90 0.00 | 30.33 1.01 0.00 | 31.81 1.42 0.00 | 31.21 1.74 0.00 | 32.90 1.87 0.00 | 36.16 2.18 0.00 | 31.97 1.94 0.00 | 32.85 2.12 0.00 | 31.68 2.09 0.00 | 37.58 2.53 0.00 | 43.30 2.82 0.00 | 43.07 2.95 0.00 | 40.20 3.11 0.00 | 40.68 3.03 0.00 | 41.22 2.81 0.00 | 63.19 3.42 0.00 | 38.21 2.13 0.00 | 33.89 1.93 0.00 | 32.24 1.85 0.00 | 33.48 1.86 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 29.11 0.15 0.00 | 27.37 0.04 0.00 | 27.40 -0.04 0.00 | 27.01 -0.12 0.00 | 27.26 -0.09 0.00 | 29.27 -0.05 0.00 | 30.36 -0.03 0.00 | 29.44 -0.03 0.00 | 30.90 -0.13 0.00 | 33.94 -0.04 0.00 | 29.94 -0.09 0.00 | 30.74 0.01 0.00 | 29.78 0.18 0.00 | 35.33 0.28 0.00 | 40.82 0.34 0.00 | 40.40 0.28 0.00 | 37.53 0.44 0.00 | 38.14 0.50 0.00 | 38.93 0.51 0.00 | 60.37 0.60 0.00 | 36.38 0.29 0.00 | 32.19 0.23 0.00 | 30.53 0.13 0.00 | 31.70 0.08 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 29.07 0.12 0.00 | 27.35 0.02 0.00 | 27.37 -0.06 0.00 | 26.97 -0.16 0.00 | 27.23 -0.12 0.00 | 29.24 -0.07 0.00 | 30.33 -0.05 0.00 | 29.41 -0.06 0.00 | 30.85 -0.18 0.00 | 33.91 -0.08 0.00 | 29.89 -0.14 0.00 | 30.68 -0.06 0.00 | 29.73 0.14 0.00 | 35.30 0.25 0.00 | 40.85 0.37 0.00 | 40.45 0.33 0.00 | 37.56 0.47 0.00 | 38.19 0.54 0.00 | 38.98 0.57 0.00 | 60.44 0.66 0.00 | 36.40 0.32 0.00 | 32.22 0.26 0.00 | 30.55 0.15 0.00 | 31.71 0.08 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 28.26 -0.69 0.00 | 26.71 -0.62 0.00 | 26.91 -0.52 0.00 | 26.83 -0.30 0.00 | 27.11 -0.24 0.00 | 29.10 -0.22 0.00 | 30.14 -0.25 0.00 | 29.15 -0.32 0.00 | 30.69 -0.34 0.00 | 33.47 -0.52 0.00 | 29.55 -0.47 0.00 | 30.25 -0.48 0.00 | 28.85 -0.75 0.00 | 34.19 -0.86 0.00 | 39.62 -0.85 0.00 | 39.05 -1.07 0.00 | 35.87 -1.22 0.00 | 36.95 -0.70 0.00 | 37.96 -0.46 0.00 | 60.02 0.24 0.00 | 36.01 -0.07 0.00 | 31.55 -0.41 0.00 | 29.89 -0.51 0.00 | 31.26 -0.36 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 29.20 0.25 0.00 | 27.50 0.16 0.00 | 27.50 0.07 0.00 | 27.06 -0.07 0.00 | 27.24 -0.11 0.00 | 29.23 -0.09 0.00 | 30.46 0.07 0.00 | 29.61 0.13 0.00 | 30.88 -0.15 0.00 | 33.60 -0.39 0.00 | 29.49 -0.54 0.00 | 30.18 -0.55 0.00 | 29.17 -0.42 0.00 | 34.66 -0.40 0.00 | 40.09 -0.39 0.00 | 39.81 -0.31 0.00 | 37.10 0.00 0.00 | 37.92 0.27 0.00 | 38.91 0.50 0.00 | 60.23 0.46 0.00 | 36.19 0.10 0.00 | 32.07 0.10 0.00 | 30.71 0.31 0.00 | 32.00 0.38 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 30.24 1.29 0.00 | 28.45 1.12 0.00 | 28.32 0.89 0.00 | 27.86 0.73 0.00 | 28.07 0.72 0.00 | 30.13 0.81 0.00 | 31.54 1.15 0.00 | 30.90 1.42 0.00 | 31.24 1.53 1.32 | 33.37 1.80 2.41 | 27.96 1.60 3.66 | 29.39 1.76 3.11 | 24.22 1.91 7.28 | 37.43 2.38 0.00 | 43.13 2.65 0.00 | 42.89 2.77 0.00 | 40.02 2.93 0.00 | 40.49 2.84 0.00 | 40.98 2.57 0.00 | 62.80 3.03 0.00 | 37.98 1.90 0.00 | 33.68 1.71 0.00 | 32.04 1.64 0.00 | 33.28 1.65 0.00 |
| HARSNRAD_115KV_TB1 81005 | 27.92 -1.04 0.00 | 26.02 -1.31 0.00 | 25.87 -1.56 0.00 | 25.41 -1.72 0.00 | 25.70 -1.65 0.00 | 27.66 -1.66 0.00 | 28.50 -1.89 0.00 | 27.87 -1.60 0.00 | 29.18 -1.85 0.00 | 32.48 -1.50 0.00 | 28.69 -1.34 0.00 | 29.62 -1.11 0.00 | 29.01 -0.58 0.00 | 34.10 -0.95 0.00 | 39.43 -1.05 0.00 | 38.48 -1.64 0.00 | 35.53 -1.57 0.00 | 36.16 -1.49 0.00 | 36.87 -1.54 0.00 | 57.84 -1.94 0.00 | 34.82 -1.27 0.00 | 30.64 -1.32 0.00 | 29.00 -1.40 0.00 | 30.04 -1.59 0.00 |
| HARZA MOOSE___RIVER 24016 | 29.17 0.22 0.00 | 27.49 0.15 0.00 | 27.61 0.18 0.00 | 27.37 0.24 0.00 | 27.62 0.27 0.00 | 29.68 0.37 0.00 | 30.85 0.47 0.00 | 29.94 0.46 0.00 | 31.44 0.41 0.00 | 34.36 0.38 0.00 | 30.29 0.26 0.00 | 31.00 0.27 0.00 | 29.85 0.26 0.00 | 35.39 0.34 0.00 | 40.97 0.49 0.00 | 40.56 0.44 0.00 | 37.58 0.49 0.00 | 38.41 0.76 0.00 | 39.42 1.01 0.00 | 61.56 1.79 0.00 | 37.08 1.00 0.00 | 32.46 0.50 0.00 | 30.66 0.26 0.00 | 31.94 0.33 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 28.84 -0.11 0.00 | 27.13 -0.21 0.00 | 27.14 -0.28 0.00 | 26.78 -0.35 0.00 | 27.00 -0.35 0.00 | 28.99 -0.33 0.00 | 30.06 -0.33 0.00 | 29.17 -0.30 0.00 | 30.64 -0.39 0.00 | 33.66 -0.33 0.00 | 29.73 -0.30 0.00 | 30.52 -0.22 0.00 | 29.56 -0.04 0.00 | 35.02 -0.03 0.00 | 40.47 -0.01 0.00 | 40.05 -0.07 0.00 | 37.20 0.11 0.00 | 37.80 0.15 0.00 | 38.55 0.13 0.00 | 59.81 0.03 0.00 | 36.07 -0.01 0.00 | 31.93 -0.03 0.00 | 30.29 -0.11 0.00 | 31.45 -0.16 0.00 |
| HELLGATE_13_KV_LD 55870 | 30.54 1.59 0.00 | 28.71 1.38 0.00 | 28.54 1.12 0.00 | 28.05 0.92 0.00 | 28.24 0.89 0.00 | 30.31 1.00 0.00 | 31.81 1.42 0.00 | 31.20 1.73 0.00 | 34.11 1.90 -1.18 | 38.35 2.21 -2.16 | 35.26 1.95 -3.29 | 35.68 2.16 -2.79 | 38.41 2.28 -6.54 | 37.82 2.77 0.00 | 43.40 2.92 0.00 | 43.12 3.00 0.00 | 40.28 3.19 0.00 | 40.62 2.97 0.00 | 41.07 2.66 0.00 | 62.79 3.02 0.00 | 38.10 2.02 0.00 | 33.87 1.91 0.00 | 32.32 1.92 0.00 | 33.55 1.94 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 30.54 1.59 0.00 | 28.71 1.38 0.00 | 28.54 1.12 0.00 | 28.05 0.92 0.00 | 28.24 0.89 0.00 | 30.31 1.00 0.00 | 31.81 1.42 0.00 | 31.20 1.73 0.00 | 34.11 1.90 -1.18 | 38.35 2.21 -2.16 | 35.26 1.95 -3.29 | 35.68 2.16 -2.79 | 38.41 2.28 -6.54 | 37.82 2.77 0.00 | 43.40 2.92 0.00 | 43.12 3.00 0.00 | 40.28 3.19 0.00 | 40.62 2.97 0.00 | 41.07 2.66 0.00 | 62.79 3.02 0.00 | 38.10 2.02 0.00 | 33.87 1.91 0.00 | 32.32 1.92 0.00 | 33.55 1.94 0.00 |
| HEMPSTEAD___ 23647 | 39.71 1.83 -8.93 | 31.70 1.60 -2.77 | 28.70 1.27 0.00 | 28.17 1.04 0.00 | 28.35 1.01 0.00 | 30.52 1.21 0.00 | 31.97 1.59 0.00 | 31.23 1.76 0.00 | 34.06 1.83 -1.19 | 38.23 2.07 -2.18 | 35.37 2.02 -3.31 | 35.84 2.28 -2.83 | 38.56 2.37 -6.60 | 37.95 2.90 0.00 | 43.38 2.91 0.00 | 42.98 2.86 0.00 | 40.12 3.03 0.00 | 40.47 2.82 0.00 | 40.39 2.41 0.44 | 62.50 2.73 0.00 | 37.88 1.79 0.00 | 33.74 1.78 0.00 | 32.33 1.93 0.00 | 33.64 2.02 0.00 |
| HEWLETT_69_KV_BK3 55828 | 40.03 2.15 -8.93 | 31.98 1.88 -2.77 | 28.98 1.55 0.00 | 28.45 1.33 0.00 | 28.63 1.28 0.00 | 30.81 1.49 0.00 | 32.26 1.87 0.00 | 31.50 2.03 0.00 | 34.33 2.11 -1.19 | 38.55 2.38 -2.18 | 35.68 2.34 -3.31 | 36.20 2.65 -2.83 | 38.92 2.73 -6.60 | 38.40 3.35 0.00 | 43.97 3.49 0.00 | 43.60 3.48 0.00 | 40.67 3.58 0.00 | 41.05 3.41 0.00 | 41.33 3.01 0.10 | 63.39 3.62 0.00 | 38.41 2.33 0.00 | 34.17 2.21 0.00 | 32.73 2.33 0.00 | 34.03 2.41 0.00 |
| HICKLING___1 23621 | 28.23 -0.72 0.00 | 26.44 -0.89 0.00 | 26.47 -0.96 0.00 | 25.99 -1.14 0.00 | 26.25 -1.10 0.00 | 28.35 -0.96 0.00 | 29.52 -0.87 0.00 | 28.95 -0.52 0.00 | 30.05 -0.98 0.00 | 33.34 -0.64 0.00 | 29.32 -0.71 0.00 | 30.09 -0.64 0.00 | 29.58 -0.02 0.00 | 35.00 -0.05 0.00 | 40.84 0.36 0.00 | 40.17 0.05 0.00 | 36.98 -0.11 0.00 | 37.57 -0.07 0.00 | 38.16 -0.26 0.00 | 59.29 -0.48 0.00 | 35.35 -0.73 0.00 | 31.21 -0.76 0.00 | 29.54 -0.86 0.00 | 30.52 -1.10 0.00 |
| HICKLING___2 23622 | 28.23 -0.72 0.00 | 26.44 -0.89 0.00 | 26.47 -0.96 0.00 | 25.99 -1.14 0.00 | 26.25 -1.10 0.00 | 28.35 -0.96 0.00 | 29.52 -0.87 0.00 | 28.95 -0.52 0.00 | 30.05 -0.98 0.00 | 33.34 -0.64 0.00 | 29.32 -0.71 0.00 | 30.09 -0.64 0.00 | 29.58 -0.02 0.00 | 35.00 -0.05 0.00 | 40.84 0.36 0.00 | 40.17 0.05 0.00 | 36.98 -0.11 0.00 | 37.57 -0.07 0.00 | 38.16 -0.26 0.00 | 59.29 -0.48 0.00 | 35.35 -0.73 0.00 | 31.21 -0.76 0.00 | 29.54 -0.86 0.00 | 30.52 -1.10 0.00 |
| HIGH FALLS___HY 23754 | 30.26 1.31 0.00 | 28.43 1.09 0.00 | 28.28 0.85 0.00 | 27.80 0.67 0.00 | 27.99 0.64 0.00 | 30.05 0.74 0.00 | 31.47 1.08 0.00 | 30.86 1.39 0.00 | 32.55 1.52 0.00 | 35.82 1.84 0.00 | 31.69 1.66 0.00 | 32.58 1.85 0.00 | 31.59 2.00 0.00 | 37.41 2.36 0.00 | 43.16 2.69 0.00 | 42.86 2.74 0.00 | 40.04 2.95 0.00 | 40.59 2.94 0.00 | 41.15 2.73 0.00 | 63.04 3.26 0.00 | 38.06 1.98 0.00 | 33.69 1.73 0.00 | 31.97 1.57 0.00 | 33.17 1.55 0.00 |
| HIGH_RIVER___SOLAR 323847 | 30.10 1.14 0.00 | 28.34 1.01 0.00 | 28.38 0.95 0.00 | 28.00 0.87 0.00 | 28.23 0.88 0.00 | 30.30 0.98 0.00 | 31.49 1.11 0.00 | 30.51 1.04 0.00 | 31.84 0.80 0.00 | 34.57 0.59 0.00 | 30.30 0.27 0.00 | 30.93 0.20 0.00 | 29.83 0.24 0.00 | 35.37 0.32 0.00 | 40.88 0.41 0.00 | 40.81 0.69 0.00 | 37.96 0.87 0.00 | 38.80 1.15 0.00 | 39.97 1.56 0.00 | 62.16 2.38 0.00 | 37.67 1.58 0.00 | 33.37 1.41 0.00 | 31.69 1.29 0.00 | 32.92 1.30 0.00 |

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| HILLBURN___GT 23639 | 30.16 1.21 0.00 | 28.38 1.04 0.00 | 28.23 0.80 0.00 | 27.77 0.64 0.00 | 27.98 0.63 0.00 | 30.04 0.72 0.00 | 31.45 1.07 0.00 | 30.84 1.37 0.00 | 30.95 1.46 1.54 | 32.89 1.71 2.81 | 27.26 1.51 4.27 | 28.76 1.65 3.62 | 22.90 1.79 8.49 | 37.29 2.24 0.00 | 42.92 2.44 0.00 | 42.67 2.55 0.00 | 39.84 2.75 0.00 | 40.25 2.60 0.00 | 40.69 2.28 0.00 | 62.28 2.51 0.00 | 37.70 1.61 0.00 | 33.47 1.50 0.00 | 31.86 1.47 0.00 | 33.13 1.51 0.00 |
| HILLSIDE_115KV_TB1 80332 | 27.73 -1.23 0.00 | 26.00 -1.34 0.00 | 26.08 -1.35 0.00 | 25.61 -1.52 0.00 | 25.86 -1.49 0.00 | 27.95 -1.37 0.00 | 29.12 -1.27 0.00 | 28.56 -0.91 0.00 | 29.64 -1.40 0.00 | 32.89 -1.10 0.00 | 28.91 -1.11 0.00 | 29.68 -1.06 0.00 | 29.17 -0.42 0.00 | 34.52 -0.54 0.00 | 40.31 -0.16 0.00 | 39.63 -0.50 0.00 | 36.43 -0.67 0.00 | 36.97 -0.67 0.00 | 37.52 -0.89 0.00 | 58.36 -1.42 0.00 | 34.79 -1.29 0.00 | 30.79 -1.18 0.00 | 29.16 -1.24 0.00 | 30.14 -1.48 0.00 |
| HISHELDN_WT_PWR 323625 | 28.03 -0.92 0.00 | 26.14 -1.20 0.00 | 26.06 -1.37 0.00 | 25.54 -1.59 0.00 | 25.85 -1.50 0.00 | 27.79 -1.53 0.00 | 28.73 -1.66 0.00 | 28.09 -1.38 0.00 | 29.39 -1.64 0.00 | 32.80 -1.19 0.00 | 28.91 -1.12 0.00 | 29.85 -0.88 0.00 | 29.22 -0.38 0.00 | 34.44 -0.61 0.00 | 39.95 -0.53 0.00 | 39.06 -1.06 0.00 | 35.95 -1.14 0.00 | 36.44 -1.21 0.00 | 37.07 -1.34 0.00 | 57.87 -1.90 0.00 | 34.66 -1.42 0.00 | 30.50 -1.46 0.00 | 28.91 -1.49 0.00 | 29.91 -1.71 0.00 |
| HOLTSVILLE_IC_1 23690 | 39.72 1.85 -8.93 | 31.73 1.62 -2.77 | 28.69 1.27 0.00 | 28.15 1.02 0.00 | 28.31 0.96 0.00 | 30.55 1.23 0.00 | 32.00 1.61 0.00 | 31.18 1.71 0.00 | 33.92 1.69 -1.19 | 38.05 1.88 -2.18 | 35.21 1.86 -3.31 | 35.64 2.08 -2.83 | 38.33 2.14 -6.60 | 37.70 2.65 0.00 | 43.10 2.62 0.00 | 42.61 2.48 0.00 | 39.84 2.75 0.00 | 40.19 2.55 0.00 | 39.78 2.09 0.72 | 62.08 2.30 0.00 | 37.58 1.49 0.00 | 33.40 1.43 0.00 | 32.13 1.73 0.00 | 33.47 1.85 0.00 |
| HOLTSVILLE_IC_10 23699 | 39.90 2.02 -8.93 | 31.87 1.77 -2.77 | 28.83 1.40 0.00 | 28.28 1.15 0.00 | 28.44 1.09 0.00 | 30.70 1.38 0.00 | 32.15 1.76 0.00 | 31.34 1.87 0.00 | 34.09 1.87 -1.19 | 38.26 2.10 -2.18 | 35.41 2.06 -3.31 | 35.87 2.31 -2.83 | 38.57 2.38 -6.60 | 38.01 2.96 0.00 | 43.47 3.00 0.00 | 42.95 2.82 0.00 | 40.17 3.08 0.00 | 40.53 2.88 0.00 | 40.10 2.40 0.72 | 62.59 2.82 0.00 | 37.85 1.77 0.00 | 33.62 1.66 0.00 | 32.33 1.93 0.00 | 33.67 2.05 0.00 |
| HOLTSVILLE_IC_2 23691 | 39.72 1.85 -8.93 | 31.73 1.62 -2.77 | 28.69 1.27 0.00 | 28.15 1.02 0.00 | 28.31 0.96 0.00 | 30.55 1.23 0.00 | 32.00 1.61 0.00 | 31.18 1.71 0.00 | 33.92 1.69 -1.19 | 38.05 1.88 -2.18 | 35.21 1.86 -3.31 | 35.64 2.08 -2.83 | 38.33 2.14 -6.60 | 37.70 2.65 0.00 | 43.10 2.62 0.00 | 42.61 2.48 0.00 | 39.84 2.75 0.00 | 40.19 2.55 0.00 | 39.78 2.09 0.72 | 62.08 2.30 0.00 | 37.58 1.49 0.00 | 33.40 1.43 0.00 | 32.13 1.73 0.00 | 33.47 1.85 0.00 |
| HOLTSVILLE_IC_3 23692 | 39.72 1.85 -8.93 | 31.73 1.62 -2.77 | 28.69 1.27 0.00 | 28.15 1.02 0.00 | 28.31 0.96 0.00 | 30.55 1.23 0.00 | 32.00 1.61 0.00 | 31.18 1.71 0.00 | 33.92 1.69 -1.19 | 38.05 1.88 -2.18 | 35.21 1.86 -3.31 | 35.64 2.08 -2.83 | 38.33 2.14 -6.60 | 37.70 2.65 0.00 | 43.10 2.62 0.00 | 42.61 2.48 0.00 | 39.84 2.75 0.00 | 40.19 2.55 0.00 | 39.78 2.09 0.72 | 62.08 2.30 0.00 | 37.58 1.49 0.00 | 33.40 1.43 0.00 | 32.13 1.73 0.00 | 33.47 1.85 0.00 |
| HOLTSVILLE_IC_4 23693 | 39.72 1.85 -8.93 | 31.73 1.62 -2.77 | 28.69 1.27 0.00 | 28.15 1.02 0.00 | 28.31 0.96 0.00 | 30.55 1.23 0.00 | 32.00 1.61 0.00 | 31.18 1.71 0.00 | 33.92 1.69 -1.19 | 38.05 1.88 -2.18 | 35.21 1.86 -3.31 | 35.64 2.08 -2.83 | 38.33 2.14 -6.60 | 37.70 2.65 0.00 | 43.10 2.62 0.00 | 42.61 2.48 0.00 | 39.84 2.75 0.00 | 40.19 2.55 0.00 | 39.78 2.09 0.72 | 62.08 2.30 0.00 | 37.58 1.49 0.00 | 33.40 1.43 0.00 | 32.13 1.73 0.00 | 33.47 1.85 0.00 |
| HOLTSVILLE_IC_5 23694 | 39.72 1.85 -8.93 | 31.73 1.62 -2.77 | 28.69 1.27 0.00 | 28.15 1.02 0.00 | 28.31 0.96 0.00 | 30.55 1.23 0.00 | 32.00 1.61 0.00 | 31.18 1.71 0.00 | 33.92 1.69 -1.19 | 38.05 1.88 -2.18 | 35.21 1.86 -3.31 | 35.64 2.08 -2.83 | 38.33 2.14 -6.60 | 37.70 2.65 0.00 | 43.10 2.62 0.00 | 42.61 2.48 0.00 | 39.84 2.75 0.00 | 40.19 2.55 0.00 | 39.78 2.09 0.72 | 62.08 2.30 0.00 | 37.58 1.49 0.00 | 33.40 1.43 0.00 | 32.13 1.73 0.00 | 33.47 1.85 0.00 |
| HOLTSVILLE_IC_6 23695 | 39.90 2.02 -8.93 | 31.87 1.77 -2.77 | 28.83 1.40 0.00 | 28.28 1.15 0.00 | 28.44 1.09 0.00 | 30.70 1.38 0.00 | 32.15 1.76 0.00 | 31.34 1.87 0.00 | 34.09 1.87 -1.19 | 38.26 2.10 -2.18 | 35.41 2.06 -3.31 | 35.87 2.31 -2.83 | 38.57 2.38 -6.60 | 38.01 2.96 0.00 | 43.47 3.00 0.00 | 42.95 2.82 0.00 | 40.17 3.08 0.00 | 40.53 2.88 0.00 | 40.10 2.40 0.72 | 62.59 2.82 0.00 | 37.85 1.77 0.00 | 33.62 1.66 0.00 | 32.33 1.93 0.00 | 33.67 2.05 0.00 |
| HOLTSVILLE_IC_7 23696 | 39.90 2.02 -8.93 | 31.87 1.77 -2.77 | 28.83 1.40 0.00 | 28.28 1.15 0.00 | 28.44 1.09 0.00 | 30.70 1.38 0.00 | 32.15 1.76 0.00 | 31.34 1.87 0.00 | 34.09 1.87 -1.19 | 38.26 2.10 -2.18 | 35.41 2.06 -3.31 | 35.87 2.31 -2.83 | 38.57 2.38 -6.60 | 38.01 2.96 0.00 | 43.47 3.00 0.00 | 42.95 2.82 0.00 | 40.17 3.08 0.00 | 40.53 2.88 0.00 | 40.10 2.40 0.72 | 62.59 2.82 0.00 | 37.85 1.77 0.00 | 33.62 1.66 0.00 | 32.33 1.93 0.00 | 33.67 2.05 0.00 |
| HOLTSVILLE_IC_8 23697 | 39.90 2.02 -8.93 | 31.87 1.77 -2.77 | 28.83 1.40 0.00 | 28.28 1.15 0.00 | 28.44 1.09 0.00 | 30.70 1.38 0.00 | 32.15 1.76 0.00 | 31.34 1.87 0.00 | 34.09 1.87 -1.19 | 38.26 2.10 -2.18 | 35.41 2.06 -3.31 | 35.87 2.31 -2.83 | 38.57 2.38 -6.60 | 38.01 2.96 0.00 | 43.47 3.00 0.00 | 42.95 2.82 0.00 | 40.17 3.08 0.00 | 40.53 2.88 0.00 | 40.10 2.40 0.72 | 62.59 2.82 0.00 | 37.85 1.77 0.00 | 33.62 1.66 0.00 | 32.33 1.93 0.00 | 33.67 2.05 0.00 |
| HOLTSVILLE_IC_9 23698 | 39.90 2.02 -8.93 | 31.87 1.77 -2.77 | 28.83 1.40 0.00 | 28.28 1.15 0.00 | 28.44 1.09 0.00 | 30.70 1.38 0.00 | 32.15 1.76 0.00 | 31.34 1.87 0.00 | 34.09 1.87 -1.19 | 38.26 2.10 -2.18 | 35.41 2.06 -3.31 | 35.87 2.31 -2.83 | 38.57 2.38 -6.60 | 38.01 2.96 0.00 | 43.47 3.00 0.00 | 42.95 2.82 0.00 | 40.17 3.08 0.00 | 40.53 2.88 0.00 | 40.10 2.40 0.72 | 62.59 2.82 0.00 | 37.85 1.77 0.00 | 33.62 1.66 0.00 | 32.33 1.93 0.00 | 33.67 2.05 0.00 |
| HOMER_HL_115KV_TB2 355744 | 28.37 -0.58 0.00 | 26.56 -0.78 0.00 | 26.50 -0.93 0.00 | 26.01 -1.12 0.00 | 26.24 -1.11 0.00 | 28.32 -1.00 0.00 | 29.52 -0.87 0.00 | 28.98 -0.49 0.00 | 30.35 -0.69 0.00 | 33.72 -0.27 0.00 | 29.65 -0.37 0.00 | 30.39 -0.34 0.00 | 29.74 0.14 0.00 | 35.16 0.11 0.00 | 40.85 0.37 0.00 | 39.94 -0.18 0.00 | 36.74 -0.35 0.00 | 37.21 -0.44 0.00 | 37.62 -0.79 0.00 | 58.74 -1.03 0.00 | 35.15 -0.93 0.00 | 31.08 -0.88 0.00 | 29.53 -0.87 0.00 | 30.57 -1.05 0.00 |
| HOWARD_WT_PWR 323690 | 29.73 0.78 0.00 | 27.78 0.44 0.00 | 27.32 -0.11 0.00 | 27.04 -0.09 0.00 | 27.13 -0.22 0.00 | 29.30 -0.02 0.00 | 30.57 0.18 0.00 | 29.78 0.30 0.00 | 31.12 0.09 0.00 | 34.56 0.57 0.00 | 30.10 0.07 0.00 | 30.51 -0.22 0.00 | 30.08 0.48 0.00 | 35.64 0.59 0.00 | 41.45 0.97 0.00 | 40.91 0.79 0.00 | 38.15 1.06 0.00 | 38.93 1.28 0.00 | 39.16 0.75 0.00 | 60.32 0.54 0.00 | 35.87 -0.22 0.00 | 31.11 -0.85 0.00 | 29.68 -0.72 0.00 | 30.55 -1.07 0.00 |

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| HQ_GEN_CEDARS 23644 | 28.75 -0.20 0.00 | 27.26 -0.07 0.00 | 27.46 0.04 0.00 | 27.41 0.28 0.00 | 27.67 0.32 0.00 | 29.64 0.33 0.00 | 30.57 0.18 0.00 | 29.52 0.05 0.00 | 31.16 0.13 0.00 | 34.02 0.03 0.00 | 30.08 0.06 0.00 | 30.68 -0.06 0.00 | 29.30 -0.30 0.00 | 34.66 0.00 0.00 | 40.08 -0.40 0.00 | 39.67 -0.45 0.00 | 35.99 -1.10 0.00 | 36.68 -0.97 0.00 | 37.54 -0.87 0.00 | 59.81 0.04 0.00 | 35.97 -0.11 0.00 | 31.76 -0.20 0.00 | 30.24 -0.16 0.00 | 31.53 -0.08 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 28.75 -0.20 0.00 | 27.26 -0.07 0.00 | 27.47 0.04 0.00 | 27.41 0.28 0.00 | 27.67 0.32 0.00 | 29.64 0.33 0.00 | 30.57 0.18 0.00 | 29.52 0.05 0.00 | 31.16 0.13 0.00 | 34.02 0.03 0.00 | 30.08 0.06 0.00 | 30.68 -0.06 0.00 | 29.30 -0.30 0.00 | 34.66 -0.39 0.00 | 40.08 -0.40 0.00 | 39.67 -0.45 0.00 | 34.85 -1.10 1.14 | 18.35 -0.97 18.33 | 19.01 -0.87 18.53 | 59.81 0.04 0.00 | 35.98 -0.11 0.00 | 31.76 -0.20 0.00 | 30.24 -0.16 0.00 | 31.54 -0.08 0.00 |
| HQ_GEN_IMPORT 323601 | 28.71 -0.25 0.00 | 27.20 -0.13 0.00 | 27.41 -0.02 0.00 | 27.25 0.12 0.00 | 27.49 0.14 0.00 | 29.43 0.11 0.00 | 30.38 -0.01 0.00 | 29.36 -0.12 0.00 | 30.99 -0.04 0.00 | 33.87 -0.11 0.00 | 29.38 -0.05 0.60 | 30.61 -0.12 0.00 | 29.32 -0.28 0.00 | 34.70 -0.35 0.00 | 40.11 -0.36 0.00 | 40.78 -0.37 -1.03 | 34.98 -0.63 1.49 | 37.05 -0.60 0.00 | 37.85 -0.56 0.00 | 59.47 -0.31 0.00 | 35.82 -0.26 0.00 | 31.68 -0.29 0.00 | 30.14 -0.27 0.00 | 31.37 -0.25 0.00 |
| HQ_GEN_WHEEL 23651 | 28.71 -0.25 0.00 | 27.20 -0.13 0.00 | 27.41 -0.02 0.00 | 27.25 0.12 0.00 | 27.49 0.14 0.00 | 29.43 0.11 0.00 | 30.38 -0.01 0.00 | 29.36 -0.12 0.00 | 30.99 -0.04 0.00 | 33.87 -0.11 0.00 | 29.38 -0.05 0.60 | 30.61 -0.12 0.00 | 29.32 -0.28 0.00 | 34.70 -0.35 0.00 | 40.11 -0.36 0.00 | 40.78 -0.37 -1.03 | 34.98 -0.63 1.49 | 37.05 -0.60 0.00 | 37.85 -0.56 0.00 | 59.47 -0.31 0.00 | 35.82 -0.26 0.00 | 31.68 -0.29 0.00 | 30.14 -0.27 0.00 | 31.37 -0.25 0.00 |
| HUDSON AVE_GT_3 23810 | 30.58 1.63 0.00 | 28.75 1.41 0.00 | 28.58 1.15 0.00 | 28.08 0.95 0.00 | 28.27 0.92 0.00 | 30.33 1.02 0.00 | 31.81 1.42 0.00 | 31.22 1.74 0.00 | 34.12 1.91 -1.18 | 38.41 2.26 -2.16 | 35.33 2.01 -3.29 | 35.73 2.20 -2.79 | 38.46 2.32 -6.54 | 37.90 2.85 0.00 | 43.51 3.03 0.00 | 43.25 3.13 0.00 | 40.39 3.30 0.00 | 40.75 3.10 0.00 | 41.22 2.81 0.00 | 63.04 3.27 0.00 | 38.23 2.15 0.00 | 33.97 2.01 0.00 | 32.37 1.97 0.00 | 33.62 2.00 0.00 |
| HUDSON AVE_GT_4 23540 | 30.58 1.63 0.00 | 28.75 1.41 0.00 | 28.58 1.15 0.00 | 28.08 0.95 0.00 | 28.27 0.92 0.00 | 30.33 1.02 0.00 | 31.81 1.42 0.00 | 31.22 1.74 0.00 | 34.12 1.91 -1.18 | 38.41 2.26 -2.16 | 35.33 2.01 -3.29 | 35.73 2.20 -2.79 | 38.46 2.32 -6.54 | 37.90 2.85 0.00 | 43.51 3.03 0.00 | 43.25 3.13 0.00 | 40.39 3.30 0.00 | 40.75 3.10 0.00 | 41.22 2.81 0.00 | 63.04 3.27 0.00 | 38.23 2.15 0.00 | 33.97 2.01 0.00 | 32.37 1.97 0.00 | 33.62 2.00 0.00 |
| HUDSON AVE_GT_5 23657 | 30.58 1.63 0.00 | 28.75 1.41 0.00 | 28.58 1.15 0.00 | 28.08 0.95 0.00 | 28.27 0.92 0.00 | 30.33 1.02 0.00 | 31.81 1.42 0.00 | 31.22 1.74 0.00 | 34.12 1.91 -1.18 | 38.41 2.26 -2.16 | 35.33 2.01 -3.29 | 35.73 2.20 -2.79 | 38.46 2.32 -6.54 | 37.90 2.85 0.00 | 43.51 3.03 0.00 | 43.25 3.13 0.00 | 40.39 3.30 0.00 | 40.75 3.10 0.00 | 41.22 2.81 0.00 | 63.04 3.27 0.00 | 38.23 2.15 0.00 | 33.97 2.01 0.00 | 32.37 1.97 0.00 | 33.62 2.00 0.00 |
| HUDSON_AVE_10 24168 | 30.47 1.52 0.00 | 28.65 1.32 0.00 | 28.48 1.05 0.00 | 27.99 0.86 0.00 | 28.17 0.82 0.00 | 30.21 0.89 0.00 | 31.69 1.30 0.00 | 31.11 1.64 0.00 | 34.00 1.79 -1.18 | 38.27 2.12 -2.16 | 35.18 1.87 -3.29 | 35.59 2.07 -2.79 | 38.32 2.19 -6.54 | 37.75 2.71 0.00 | 43.35 2.87 0.00 | 43.10 2.98 0.00 | 40.27 3.17 0.00 | 40.62 2.96 0.00 | 41.10 2.68 0.00 | 62.82 3.05 0.00 | 38.09 2.01 0.00 | 33.87 1.90 0.00 | 32.25 1.86 0.00 | 33.50 1.88 0.00 |
| HUDSON___115KV_TB 4 355613 | 30.02 1.07 0.00 | 28.29 0.96 0.00 | 28.32 0.89 0.00 | 27.92 0.79 0.00 | 28.14 0.79 0.00 | 30.15 0.83 0.00 | 31.38 0.99 0.00 | 30.54 1.07 0.00 | 32.23 1.04 -0.16 | 35.26 0.97 -0.30 | 31.21 0.72 -0.46 | 31.78 0.66 -0.39 | 31.15 0.65 -0.91 | 35.82 0.77 0.00 | 41.40 0.92 0.00 | 41.16 1.04 0.00 | 38.41 1.31 0.00 | 39.13 1.48 0.00 | 40.11 1.70 0.00 | 62.11 2.34 0.00 | 37.65 1.56 0.00 | 33.44 1.47 0.00 | 31.90 1.51 0.00 | 33.10 1.48 0.00 |
| HUNTER MOUNT___DRP 323613 | 30.20 1.24 0.00 | 28.45 1.11 0.00 | 28.50 1.07 0.00 | 28.11 0.98 0.00 | 28.32 0.97 0.00 | 30.36 1.04 0.00 | 31.58 1.19 0.00 | 30.71 1.24 0.00 | 32.22 1.19 0.00 | 35.06 1.08 0.00 | 30.80 0.78 0.00 | 31.43 0.69 0.00 | 30.26 0.66 0.00 | 35.83 0.78 0.00 | 41.46 0.98 0.00 | 41.24 1.12 0.00 | 38.51 1.41 0.00 | 39.31 1.66 0.00 | 40.38 1.97 0.00 | 62.63 2.86 0.00 | 37.96 1.87 0.00 | 33.70 1.74 0.00 | 32.14 1.75 0.00 | 33.32 1.70 0.00 |
| HUNTINGTON_RES_REC 323705 | 39.89 2.01 -8.93 | 31.88 1.77 -2.77 | 28.83 1.41 0.00 | 28.30 1.17 0.00 | 28.47 1.12 0.00 | 30.71 1.39 0.00 | 32.14 1.75 0.00 | 31.31 1.84 0.00 | 34.06 1.83 -1.19 | 38.20 2.03 -2.18 | 35.36 2.02 -3.31 | 35.79 2.23 -2.83 | 38.46 2.27 -6.60 | 37.85 2.80 0.00 | 43.33 2.86 0.00 | 42.88 2.76 0.00 | 40.08 2.99 0.00 | 40.43 2.78 0.00 | 40.01 2.32 0.72 | 62.43 2.65 0.00 | 37.78 1.69 0.00 | 33.54 1.57 0.00 | 32.24 1.84 0.00 | 33.66 2.04 0.00 |
| HUNTLEY___63 23557 | 28.09 -0.87 0.00 | 26.18 -1.15 0.00 | 26.01 -1.41 0.00 | 25.54 -1.59 0.00 | 25.82 -1.53 0.00 | 27.81 -1.51 0.00 | 28.65 -1.73 0.00 | 28.04 -1.43 0.00 | 29.37 -1.66 0.00 | 32.72 -1.26 0.00 | 28.94 -1.09 0.00 | 29.89 -0.85 0.00 | 29.31 -0.29 0.00 | 34.46 -0.59 0.00 | 39.84 -0.64 0.00 | 38.82 -1.30 0.00 | 35.81 -1.29 0.00 | 36.43 -1.23 0.00 | 37.14 -1.28 0.00 | 58.22 -1.55 0.00 | 35.04 -1.04 0.00 | 30.84 -1.13 0.00 | 29.17 -1.23 0.00 | 30.21 -1.41 0.00 |
| HUNTLEY___64 23558 | 28.09 -0.87 0.00 | 26.18 -1.15 0.00 | 26.01 -1.41 0.00 | 25.54 -1.59 0.00 | 25.82 -1.53 0.00 | 27.81 -1.51 0.00 | 28.65 -1.73 0.00 | 28.04 -1.43 0.00 | 29.37 -1.66 0.00 | 32.72 -1.26 0.00 | 28.94 -1.09 0.00 | 29.89 -0.85 0.00 | 29.31 -0.29 0.00 | 34.46 -0.59 0.00 | 39.84 -0.64 0.00 | 38.82 -1.30 0.00 | 35.81 -1.29 0.00 | 36.43 -1.23 0.00 | 37.14 -1.28 0.00 | 58.22 -1.55 0.00 | 35.04 -1.04 0.00 | 30.84 -1.13 0.00 | 29.17 -1.23 0.00 | 30.21 -1.41 0.00 |
| HUNTLEY___65 23559 | 28.09 -0.87 0.00 | 26.18 -1.15 0.00 | 26.01 -1.41 0.00 | 25.54 -1.59 0.00 | 25.82 -1.53 0.00 | 27.81 -1.51 0.00 | 28.65 -1.73 0.00 | 28.04 -1.43 0.00 | 29.37 -1.66 0.00 | 32.72 -1.26 0.00 | 28.94 -1.09 0.00 | 29.89 -0.85 0.00 | 29.31 -0.29 0.00 | 34.46 -0.59 0.00 | 39.84 -0.64 0.00 | 38.82 -1.30 0.00 | 35.81 -1.29 0.00 | 36.43 -1.23 0.00 | 37.14 -1.28 0.00 | 58.22 -1.55 0.00 | 35.04 -1.04 0.00 | 30.84 -1.13 0.00 | 29.17 -1.23 0.00 | 30.21 -1.41 0.00 |
| HUNTLEY___66 23560 | 28.09 -0.87 0.00 | 26.18 -1.15 0.00 | 26.01 -1.41 0.00 | 25.54 -1.59 0.00 | 25.82 -1.53 0.00 | 27.81 -1.51 0.00 | 28.65 -1.73 0.00 | 28.04 -1.43 0.00 | 29.37 -1.66 0.00 | 32.72 -1.26 0.00 | 28.94 -1.09 0.00 | 29.89 -0.85 0.00 | 29.31 -0.29 0.00 | 34.46 -0.59 0.00 | 39.84 -0.64 0.00 | 38.82 -1.30 0.00 | 35.81 -1.29 0.00 | 36.43 -1.23 0.00 | 37.14 -1.28 0.00 | 58.22 -1.55 0.00 | 35.04 -1.04 0.00 | 30.84 -1.13 0.00 | 29.17 -1.23 0.00 | 30.21 -1.41 0.00 |

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| HUNTLEY___67 23561 | 27.90 -1.05 0.00 | 26.00 -1.33 0.00 | 25.89 -1.55 0.00 | 25.40 -1.73 0.00 | 25.67 -1.68 0.00 | 27.64 -1.68 0.00 | 28.50 -1.89 0.00 | 27.88 -1.59 0.00 | 29.18 -1.85 0.00 | 32.52 -1.47 0.00 | 28.71 -1.31 0.00 | 29.64 -1.09 0.00 | 29.03 -0.56 0.00 | 34.14 -0.91 0.00 | 39.48 -1.00 0.00 | 38.48 -1.65 0.00 | 35.48 -1.61 0.00 | 36.10 -1.55 0.00 | 36.79 -1.63 0.00 | 57.68 -2.10 0.00 | 34.69 -1.40 0.00 | 30.54 -1.42 0.00 | 28.93 -1.47 0.00 | 29.97 -1.65 0.00 |
| HUNTLEY___68 23562 | 27.90 -1.05 0.00 | 26.00 -1.33 0.00 | 25.89 -1.55 0.00 | 25.40 -1.73 0.00 | 25.67 -1.68 0.00 | 27.64 -1.68 0.00 | 28.50 -1.89 0.00 | 27.88 -1.59 0.00 | 29.18 -1.85 0.00 | 32.52 -1.47 0.00 | 28.71 -1.31 0.00 | 29.64 -1.09 0.00 | 29.03 -0.56 0.00 | 34.14 -0.91 0.00 | 39.48 -1.00 0.00 | 38.48 -1.65 0.00 | 35.48 -1.61 0.00 | 36.10 -1.55 0.00 | 36.79 -1.63 0.00 | 57.68 -2.10 0.00 | 34.69 -1.40 0.00 | 30.54 -1.42 0.00 | 28.93 -1.47 0.00 | 29.97 -1.65 0.00 |
| HYLAND___LFG 323620 | 29.62 0.67 0.00 | 27.63 0.30 0.00 | 27.52 0.09 0.00 | 27.01 -0.12 0.00 | 27.33 -0.02 0.00 | 29.44 0.12 0.00 | 30.54 0.16 0.00 | 29.80 0.33 0.00 | 30.39 -0.64 0.00 | 33.56 -0.43 0.00 | 29.67 -0.36 0.00 | 30.58 -0.16 0.00 | 29.89 0.29 0.00 | 35.34 0.29 0.00 | 41.17 0.69 0.00 | 40.79 0.67 0.00 | 37.66 0.57 0.00 | 38.89 1.24 0.00 | 39.56 1.14 0.00 | 61.85 2.07 0.00 | 37.33 1.25 0.00 | 32.88 0.91 0.00 | 31.05 0.65 0.00 | 32.04 0.42 0.00 |
| INDECK___CORINTH 23802 | 31.22 2.27 0.00 | 29.29 1.96 0.00 | 29.31 1.88 0.00 | 28.90 1.77 0.00 | 29.12 1.77 0.00 | 31.27 1.95 0.00 | 32.64 2.26 0.00 | 31.75 2.28 0.00 | 33.50 2.28 -0.19 | 36.59 2.27 -0.34 | 32.20 1.66 -0.51 | 32.79 1.63 -0.43 | 32.26 1.65 -1.02 | 36.85 1.80 0.00 | 42.67 2.19 0.00 | 42.63 2.51 0.00 | 39.69 2.60 0.00 | 40.55 2.90 0.00 | 41.84 3.42 0.00 | 64.75 4.98 0.00 | 39.66 3.58 0.00 | 35.04 3.08 0.00 | 32.92 2.52 0.00 | 34.35 2.73 0.00 |
| INDECK___ILION 23567 | 29.16 0.21 0.00 | 27.48 0.14 0.00 | 27.52 0.08 0.00 | 27.12 -0.01 0.00 | 27.32 -0.03 0.00 | 29.30 -0.02 0.00 | 30.47 0.08 0.00 | 29.60 0.12 0.00 | 31.01 -0.02 0.00 | 33.85 -0.13 0.00 | 29.79 -0.24 0.00 | 30.49 -0.24 0.00 | 29.45 -0.15 0.00 | 34.93 -0.12 0.00 | 40.37 -0.11 0.00 | 40.06 -0.06 0.00 | 37.24 0.14 0.00 | 37.93 0.28 0.00 | 38.83 0.42 0.00 | 60.19 0.42 0.00 | 36.32 0.24 0.00 | 32.20 0.24 0.00 | 30.69 0.29 0.00 | 31.92 0.30 0.00 |
| INDECK___OLEAN 23982 | 28.37 -0.58 0.00 | 26.55 -0.78 0.00 | 26.50 -0.93 0.00 | 26.00 -1.13 0.00 | 26.24 -1.11 0.00 | 28.32 -0.87 0.00 | 29.52 -0.87 0.00 | 28.98 -0.49 0.00 | 30.34 -0.69 0.00 | 33.70 -0.28 0.00 | 29.66 -0.36 0.00 | 30.41 -0.32 0.00 | 29.74 0.14 0.00 | 35.16 0.10 0.00 | 40.84 0.36 0.00 | 39.95 -0.18 0.00 | 36.75 -0.35 0.00 | 37.20 -0.45 0.00 | 37.62 -0.79 0.00 | 58.72 -1.05 0.00 | 35.15 -0.93 0.00 | 31.08 -0.88 0.00 | 29.53 -0.87 0.00 | 30.57 -1.06 0.00 |
| INDECK___OSWEGO 23783 | 28.47 -0.48 0.00 | 26.80 -0.53 0.00 | 26.84 -0.59 0.00 | 26.49 -0.63 0.00 | 26.71 -0.63 0.00 | 28.67 -0.65 0.00 | 29.72 -0.67 0.00 | 28.80 -0.67 0.00 | 30.26 -0.77 0.00 | 33.19 -0.79 0.00 | 29.30 -0.73 0.00 | 30.04 -0.70 0.00 | 29.04 -0.56 0.00 | 34.42 -0.63 0.00 | 39.76 -0.72 0.00 | 39.38 -0.74 0.00 | 36.55 -0.54 0.00 | 37.15 -0.50 0.00 | 37.93 -0.48 0.00 | 58.91 -0.86 0.00 | 35.55 -0.53 0.00 | 31.43 -0.53 0.00 | 29.84 -0.56 0.00 | 31.01 -0.61 0.00 |
| INDECK___YERKES 23781 | 28.11 -0.84 0.00 | 26.22 -1.12 0.00 | 26.05 -1.38 0.00 | 25.55 -1.58 0.00 | 25.85 -1.50 0.00 | 27.84 -1.48 0.00 | 28.69 -1.70 0.00 | 28.07 -1.40 0.00 | 29.40 -1.64 0.00 | 32.75 -1.23 0.00 | 28.99 -1.04 0.00 | 29.95 -0.79 0.00 | 29.35 -0.24 0.00 | 34.51 -0.55 0.00 | 39.89 -0.59 0.00 | 38.88 -1.25 0.00 | 35.85 -1.25 0.00 | 36.46 -1.19 0.00 | 37.17 -1.24 0.00 | 58.29 -1.49 0.00 | 35.07 -1.01 0.00 | 30.87 -1.10 0.00 | 29.21 -1.19 0.00 | 30.24 -1.38 0.00 |
| INDIAN POINT_GT_1 24139 | 30.21 1.26 0.00 | 28.42 1.08 0.00 | 28.28 0.85 0.00 | 27.81 0.68 0.00 | 28.01 0.66 0.00 | 30.06 0.75 0.00 | 31.49 1.10 0.00 | 30.85 1.38 0.00 | 33.90 1.48 -1.39 | 38.26 1.73 -2.54 | 35.42 1.53 -3.86 | 35.68 1.67 -3.28 | 39.06 1.79 -7.68 | 37.25 2.20 0.00 | 42.85 2.38 0.00 | 42.59 2.47 0.00 | 39.75 2.66 0.00 | 40.17 2.52 0.00 | 40.65 2.23 0.00 | 62.23 2.46 0.00 | 37.70 1.62 0.00 | 33.48 1.52 0.00 | 31.90 1.51 0.00 | 33.18 1.56 0.00 |
| INDIAN POINT_GT_2 23659 | 30.21 1.26 0.00 | 28.42 1.08 0.00 | 28.28 0.85 0.00 | 27.81 0.68 0.00 | 28.01 0.66 0.00 | 30.06 0.75 0.00 | 31.49 1.10 0.00 | 30.85 1.38 0.00 | 33.90 1.48 -1.39 | 38.26 1.73 -2.54 | 35.42 1.53 -3.86 | 35.68 1.67 -3.28 | 39.06 1.79 -7.68 | 37.25 2.20 0.00 | 42.85 2.38 0.00 | 42.59 2.47 0.00 | 39.75 2.66 0.00 | 40.17 2.52 0.00 | 40.65 2.23 0.00 | 62.23 2.46 0.00 | 37.70 1.62 0.00 | 33.48 1.52 0.00 | 31.90 1.51 0.00 | 33.18 1.56 0.00 |
| INDIAN POINT_GT_3 24019 | 30.21 1.26 0.00 | 28.42 1.08 0.00 | 28.28 0.85 0.00 | 27.81 0.68 0.00 | 28.01 0.66 0.00 | 30.06 0.75 0.00 | 31.49 1.10 0.00 | 30.85 1.38 0.00 | 33.90 1.48 -1.39 | 38.26 1.73 -2.54 | 35.42 1.53 -3.86 | 35.68 1.67 -3.28 | 39.06 1.79 -7.68 | 37.25 2.20 0.00 | 42.85 2.38 0.00 | 42.59 2.47 0.00 | 39.75 2.66 0.00 | 40.17 2.52 0.00 | 40.65 2.23 0.00 | 62.23 2.46 0.00 | 37.70 1.62 0.00 | 33.48 1.52 0.00 | 31.90 1.51 0.00 | 33.18 1.56 0.00 |
| INDIAN POINT___2 23530 | 30.16 1.21 0.00 | 28.38 1.05 0.00 | 28.24 0.81 0.00 | 27.77 0.64 0.00 | 27.98 0.63 0.00 | 30.03 0.72 0.00 | 31.44 1.06 0.00 | 30.82 1.34 0.00 | 34.35 1.44 -1.88 | 39.10 1.69 -3.43 | 36.72 1.48 -5.21 | 36.77 1.62 -4.42 | 41.70 1.74 -10.36 | 37.21 2.16 0.00 | 42.79 2.32 0.00 | 42.55 2.42 0.00 | 39.71 2.62 0.00 | 40.11 2.46 0.00 | 40.60 2.18 0.00 | 62.15 2.38 0.00 | 37.64 1.55 0.00 | 33.43 1.47 0.00 | 31.85 1.45 0.00 | 33.12 1.50 0.00 |
| INDIAN POINT___3 23531 | 30.16 1.21 0.00 | 28.38 1.05 0.00 | 28.25 0.82 0.00 | 27.79 0.66 0.00 | 27.99 0.64 0.00 | 30.04 0.73 0.00 | 31.45 1.07 0.00 | 30.82 1.34 0.00 | 33.90 1.45 -1.43 | 38.28 1.69 -2.61 | 35.47 1.48 -3.96 | 35.71 1.62 -3.36 | 39.20 1.73 -7.88 | 37.18 2.13 0.00 | 42.77 2.29 0.00 | 42.50 2.38 0.00 | 39.67 2.58 0.00 | 40.08 2.43 0.00 | 40.57 2.15 0.00 | 62.11 2.34 0.00 | 37.63 1.54 0.00 | 33.42 1.45 0.00 | 31.85 1.45 0.00 | 33.12 1.50 0.00 |
| INGHAM_C_115KV_TB7 356103 | 29.16 0.20 0.00 | 27.45 0.11 0.00 | 27.43 0.00 0.00 | 26.97 -0.16 0.00 | 27.15 -0.20 0.00 | 29.12 -0.19 0.00 | 30.35 -0.04 0.00 | 29.51 0.04 0.00 | 30.71 -0.33 0.00 | 33.33 -0.65 0.00 | 29.19 -0.84 0.00 | 29.86 -0.87 0.00 | 28.89 -0.71 0.00 | 34.33 -0.71 0.00 | 39.72 -0.75 0.00 | 39.47 -0.65 0.00 | 36.85 -0.24 0.00 | 37.75 0.10 0.00 | 38.84 0.42 0.00 | 60.19 0.41 0.00 | 36.25 0.17 0.00 | 32.16 0.20 0.00 | 30.78 0.38 0.00 | 32.03 0.41 0.00 |
| IP CORINTH___1 23988 | 31.22 2.27 0.00 | 29.29 1.96 0.00 | 29.31 1.88 0.00 | 28.90 1.77 0.00 | 29.11 1.77 0.00 | 31.27 1.95 0.00 | 32.64 2.26 0.00 | 31.75 2.28 0.00 | 33.50 2.28 -0.19 | 36.59 2.27 -0.34 | 32.20 1.66 -0.51 | 32.79 1.63 -0.43 | 32.26 1.65 -1.02 | 36.85 1.80 0.00 | 42.68 2.20 0.00 | 42.63 2.51 0.00 | 39.69 2.60 0.00 | 40.55 2.90 0.00 | 41.84 3.43 0.00 | 64.75 4.98 0.00 | 39.66 3.57 0.00 | 35.04 3.08 0.00 | 32.92 2.52 0.00 | 34.35 2.73 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| IP__TICONDEROGA 23804 | 32.95 4.00 0.00 | 30.70 3.36 0.00 | 30.73 3.30 0.00 | 30.36 3.24 0.00 | 30.59 3.24 0.00 | 32.92 3.60 0.00 | 34.48 4.10 0.00 | 33.43 3.95 0.00 | 35.13 3.91 -0.19 | 37.87 3.54 -0.34 | 33.32 2.77 -0.52 | 33.75 2.58 -0.44 | 33.30 2.67 -1.03 | 38.22 3.17 0.00 | 44.16 3.68 0.00 | 44.53 4.40 0.00 | 41.36 4.27 0.00 | 42.51 4.86 0.00 | 43.91 5.49 0.00 | 68.02 8.25 0.00 | 42.40 6.31 0.00 | 37.34 5.38 0.00 | 34.89 4.49 0.00 | 36.29 4.67 0.00 |
| ISLIP_RES_REC 323679 | 40.06 2.18 -8.93 | 32.01 1.91 -2.77 | 28.96 1.53 0.00 | 28.40 1.28 0.00 | 28.57 1.23 0.00 | 30.84 1.52 0.00 | 32.30 1.92 0.00 | 31.51 2.04 0.00 | 34.28 2.06 -1.19 | 38.49 2.32 -2.18 | 35.63 2.28 -3.31 | 36.11 2.56 -2.83 | 38.83 2.64 -6.60 | 38.32 3.27 0.00 | 43.86 3.38 0.00 | 43.31 3.19 0.00 | 40.51 3.42 0.00 | 40.87 3.22 0.00 | 40.42 2.73 0.72 | 63.07 3.30 0.00 | 38.13 2.05 0.00 | 33.84 1.87 0.00 | 32.53 2.13 0.00 | 33.84 2.23 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 30.76 1.81 0.00 | 28.89 1.55 0.00 | 28.74 1.32 0.00 | 28.23 1.11 0.00 | 28.41 1.06 0.00 | 30.45 1.13 0.00 | 31.94 1.55 0.00 | 31.39 1.92 0.00 | 34.29 2.08 -1.18 | 38.56 2.41 -2.16 | 35.41 2.09 -3.29 | 35.83 2.31 -2.79 | 38.60 2.47 -6.54 | 38.11 3.06 0.00 | 43.79 3.31 0.00 | 43.57 3.44 0.00 | 40.72 3.63 0.00 | 41.08 3.43 0.00 | 41.59 3.17 0.00 | 63.49 3.71 0.00 | 38.49 2.40 0.00 | 34.25 2.29 0.00 | 32.57 2.17 0.00 | 33.80 2.18 0.00 |
| JANIS__SOLAR 323808 | 30.21 1.26 0.00 | 28.36 1.03 0.00 | 28.37 0.94 0.00 | 27.97 0.84 0.00 | 28.23 0.88 0.00 | 30.38 1.06 0.00 | 31.61 1.23 0.00 | 30.73 1.26 0.00 | 32.12 1.09 0.00 | 34.98 0.99 0.00 | 30.64 0.61 0.00 | 31.33 0.60 0.00 | 30.35 0.76 0.00 | 35.98 0.93 0.00 | 41.61 1.13 0.00 | 41.33 1.20 0.00 | 38.46 1.37 0.00 | 39.22 1.57 0.00 | 40.43 2.02 0.00 | 63.00 3.23 0.00 | 37.95 1.87 0.00 | 33.45 1.48 0.00 | 31.55 1.15 0.00 | 32.70 1.08 0.00 |
| JARVIS____ 23743 | 29.08 0.13 0.00 | 27.43 0.09 0.00 | 27.48 0.05 0.00 | 27.15 0.03 0.00 | 27.36 0.01 0.00 | 29.34 0.02 0.00 | 30.45 0.06 0.00 | 29.58 0.10 0.00 | 31.10 0.07 0.00 | 34.07 0.09 0.00 | 30.09 0.06 0.00 | 30.80 0.06 0.00 | 29.71 0.11 0.00 | 35.19 0.14 0.00 | 40.62 0.14 0.00 | 40.27 0.14 0.00 | 37.30 0.21 0.00 | 37.86 0.22 0.00 | 38.64 0.22 0.00 | 59.93 0.15 0.00 | 36.20 0.11 0.00 | 32.09 0.13 0.00 | 30.52 0.12 0.00 | 31.75 0.12 0.00 |
| JENNISON__1 23625 | 30.25 1.30 0.00 | 28.43 1.09 0.00 | 28.45 1.03 0.00 | 28.03 0.91 0.00 | 28.29 0.94 0.00 | 30.44 1.13 0.00 | 31.70 1.31 0.00 | 30.89 1.42 0.00 | 32.38 1.35 0.00 | 35.48 1.50 0.00 | 31.16 1.13 0.00 | 31.92 1.19 0.00 | 30.96 1.36 0.00 | 36.71 1.66 0.00 | 42.43 1.96 0.00 | 42.07 1.94 0.00 | 39.11 2.01 0.00 | 39.78 2.13 0.00 | 40.68 2.27 0.00 | 62.90 3.12 0.00 | 37.62 1.54 0.00 | 33.11 1.15 0.00 | 31.25 0.85 0.00 | 32.56 0.94 0.00 |
| JENNISON__2 23626 | 30.25 1.30 0.00 | 28.43 1.09 0.00 | 28.45 1.03 0.00 | 28.03 0.91 0.00 | 28.29 0.94 0.00 | 30.44 1.13 0.00 | 31.70 1.31 0.00 | 30.89 1.42 0.00 | 32.38 1.35 0.00 | 35.48 1.50 0.00 | 31.16 1.13 0.00 | 31.92 1.19 0.00 | 30.96 1.36 0.00 | 36.71 1.66 0.00 | 42.43 1.96 0.00 | 42.07 1.94 0.00 | 39.11 2.01 0.00 | 39.78 2.13 0.00 | 40.68 2.27 0.00 | 62.90 3.12 0.00 | 37.62 1.54 0.00 | 33.11 1.15 0.00 | 31.25 0.85 0.00 | 32.56 0.94 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 28.94 -0.01 0.00 | 27.41 0.08 0.00 | 27.60 0.16 0.00 | 27.57 0.44 0.00 | 27.90 0.55 0.00 | 29.91 0.60 0.00 | 30.98 0.60 0.00 | 29.95 0.48 0.00 | 31.74 0.71 0.00 | 34.61 0.63 0.00 | 30.70 0.67 0.00 | 31.25 0.52 0.00 | 29.82 0.23 0.00 | 35.28 0.23 0.00 | 40.84 0.36 0.00 | 40.49 0.37 0.00 | 37.00 -0.10 0.00 | 37.63 -0.02 0.00 | 38.50 0.09 0.00 | 60.45 0.67 0.00 | 36.36 0.28 0.00 | 31.87 -0.09 0.00 | 30.17 -0.22 0.00 | 31.20 -0.43 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 30.42 1.46 0.00 | 28.60 1.26 0.00 | 28.45 1.03 0.00 | 27.99 0.86 0.00 | 28.17 0.82 0.00 | 30.25 0.93 0.00 | 31.69 1.30 0.00 | 31.05 1.58 0.00 | 33.47 1.72 -0.72 | 37.31 2.01 -1.32 | 33.83 1.81 -2.00 | 34.41 1.98 -1.70 | 35.66 2.08 -3.98 | 37.60 2.55 0.00 | 43.27 2.79 0.00 | 43.00 2.88 0.00 | 40.13 3.04 0.00 | 40.55 2.91 0.00 | 41.07 2.65 0.00 | 62.87 3.10 0.00 | 38.05 1.97 0.00 | 33.77 1.81 0.00 | 32.16 1.76 0.00 | 33.41 1.78 0.00 |
| KCE_NY_1 323755 | 30.80 1.85 0.00 | 28.95 1.62 0.00 | 28.98 1.55 0.00 | 28.56 1.43 0.00 | 28.78 1.43 0.00 | 30.88 1.57 0.00 | 32.22 1.83 0.00 | 31.34 1.87 0.00 | 33.06 1.84 -0.19 | 36.26 1.93 -0.35 | 32.01 1.46 -0.53 | 32.61 1.43 -0.45 | 32.06 1.42 -1.05 | 36.65 1.60 0.00 | 42.44 1.97 0.00 | 42.22 2.10 0.00 | 39.34 2.25 0.00 | 40.08 2.43 0.00 | 41.13 2.71 0.00 | 63.65 3.88 0.00 | 38.65 2.56 0.00 | 34.24 2.28 0.00 | 32.43 2.03 0.00 | 33.79 2.17 0.00 |
| KCE_NY_6_ESR 323823 | 28.28 -0.67 0.00 | 26.35 -0.98 0.00 | 26.23 -1.20 0.00 | 25.72 -1.41 0.00 | 25.98 -1.37 0.00 | 28.00 -1.32 0.00 | 28.91 -1.48 0.00 | 28.30 -1.17 0.00 | 29.61 -1.42 0.00 | 33.02 -0.97 0.00 | 29.18 -0.85 0.00 | 30.16 -0.57 0.00 | 29.56 -0.03 0.00 | 34.82 -0.23 0.00 | 40.29 -0.19 0.00 | 39.29 -0.84 0.00 | 36.18 -0.91 0.00 | 36.75 -0.90 0.00 | 37.41 -1.01 0.00 | 58.55 -1.22 0.00 | 35.20 -0.88 0.00 | 30.99 -0.98 0.00 | 29.33 -1.07 0.00 | 30.36 -1.26 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 39.83 1.95 -8.93 | 31.81 1.71 -2.77 | 28.77 1.34 0.00 | 28.22 1.09 0.00 | 28.39 1.04 0.00 | 30.63 1.32 0.00 | 32.08 1.70 0.00 | 31.27 1.80 0.00 | 34.01 1.79 -1.19 | 38.17 2.01 -2.18 | 35.33 1.99 -3.31 | 35.78 2.22 -2.83 | 38.46 2.27 -6.60 | 37.87 2.82 0.00 | 43.25 2.77 0.00 | 42.53 2.41 0.00 | 39.80 2.71 0.00 | 40.14 2.49 0.00 | 39.72 2.03 0.72 | 62.28 2.51 0.00 | 37.66 1.58 0.00 | 33.47 1.51 0.00 | 32.24 1.84 0.00 | 33.58 1.96 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 39.83 1.95 -8.93 | 31.81 1.71 -2.77 | 28.77 1.34 0.00 | 28.22 1.09 0.00 | 28.39 1.04 0.00 | 30.63 1.32 0.00 | 32.08 1.70 0.00 | 31.27 1.80 0.00 | 34.01 1.79 -1.19 | 38.17 2.01 -2.18 | 35.33 1.99 -3.31 | 35.78 2.22 -2.83 | 38.46 2.27 -6.60 | 37.87 2.82 0.00 | 43.25 2.77 0.00 | 42.53 2.41 0.00 | 39.80 2.71 0.00 | 40.14 2.49 0.00 | 39.72 2.03 0.72 | 62.28 2.51 0.00 | 37.66 1.58 0.00 | 33.47 1.51 0.00 | 32.24 1.84 0.00 | 33.58 1.96 0.00 |
| KEDC_GLWD_GT4 24219 | 39.88 2.00 -8.93 | 31.85 1.75 -2.77 | 28.84 1.41 0.00 | 28.32 1.19 0.00 | 28.50 1.15 0.00 | 30.68 1.36 0.00 | 32.13 1.74 0.00 | 31.40 1.93 0.00 | 34.26 2.04 -1.19 | 38.47 2.30 -2.18 | 35.58 2.23 -3.31 | 36.06 2.51 -2.83 | 38.79 2.60 -6.60 | 38.25 3.19 0.00 | 43.67 3.19 0.00 | 43.31 3.19 0.00 | 40.43 3.33 0.00 | 40.77 3.12 0.00 | 40.81 2.71 0.31 | 62.90 3.12 0.00 | 38.10 2.02 0.00 | 33.99 2.02 0.00 | 32.53 2.13 0.00 | 33.85 2.23 0.00 |
| KEDC_GLWD_GT5 24220 | 39.88 2.00 -8.93 | 31.85 1.75 -2.77 | 28.84 1.41 0.00 | 28.32 1.19 0.00 | 28.50 1.15 0.00 | 30.68 1.36 0.00 | 32.13 1.74 0.00 | 31.40 1.93 0.00 | 34.26 2.04 -1.19 | 38.47 2.30 -2.18 | 35.58 2.23 -3.31 | 36.06 2.51 -2.83 | 38.79 2.60 -6.60 | 38.25 3.19 0.00 | 43.67 3.19 0.00 | 43.31 3.19 0.00 | 40.43 3.33 0.00 | 40.77 3.12 0.00 | 40.81 2.71 0.31 | 62.90 3.12 0.00 | 38.10 2.02 0.00 | 33.99 2.02 0.00 | 32.53 2.13 0.00 | 33.85 2.23 0.00 |

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| KENSICO____ 23655 | 30.32 1.37 0.00 | 28.52 1.18 0.00 | 28.37 0.94 0.00 | 27.90 0.77 0.00 | 28.09 0.74 0.00 | 30.16 0.84 0.00 | 31.59 1.20 0.00 | 30.95 1.48 0.00 | 33.89 1.60 -1.26 | 38.16 1.87 -2.31 | 35.19 1.66 -3.51 | 35.51 1.81 -2.98 | 38.48 1.91 -6.97 | 37.39 2.34 0.00 | 43.00 2.53 0.00 | 42.74 2.62 0.00 | 39.89 2.79 0.00 | 40.29 2.64 0.00 | 40.79 2.38 0.00 | 62.42 2.65 0.00 | 37.82 1.74 0.00 | 33.60 1.64 0.00 | 32.02 1.62 0.00 | 33.29 1.66 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 30.25 1.30 0.00 | 28.42 1.08 0.00 | 28.28 0.85 0.00 | 27.81 0.68 0.00 | 28.01 0.66 0.00 | 30.07 0.75 0.00 | 31.46 1.08 0.00 | 30.83 1.36 0.00 | 32.33 1.47 0.16 | 35.43 1.75 0.30 | 31.14 1.57 0.46 | 32.07 1.72 0.39 | 30.54 1.85 0.90 | 37.18 2.13 0.00 | 42.93 2.45 0.00 | 42.67 2.55 0.00 | 39.85 2.76 0.00 | 40.46 2.81 0.00 | 41.07 2.66 0.00 | 63.01 3.23 0.00 | 38.05 1.96 0.00 | 33.67 1.71 0.00 | 31.97 1.57 0.00 | 33.16 1.54 0.00 |
| KIAC_JFK_GT1 23816 | 30.56 1.60 0.00 | 28.71 1.38 0.00 | 28.56 1.13 0.00 | 28.06 0.93 0.00 | 28.23 0.88 0.00 | 30.26 0.95 0.00 | 31.74 1.36 0.00 | 31.19 1.71 0.00 | 34.08 1.86 -1.18 | 38.29 2.15 -2.16 | 35.09 1.78 -3.29 | 35.51 1.99 -2.79 | 38.28 2.15 -6.54 | 37.73 2.68 0.00 | 43.34 2.86 0.00 | 43.11 2.99 0.00 | 40.30 3.21 0.00 | 40.65 3.01 0.00 | 41.15 2.74 0.00 | 62.80 3.03 0.00 | 38.09 2.01 0.00 | 33.89 1.92 0.00 | 32.24 1.84 0.00 | 33.48 1.85 0.00 |
| KIAC_JFK_GT2 23817 | 30.56 1.60 0.00 | 28.71 1.38 0.00 | 28.56 1.13 0.00 | 28.06 0.93 0.00 | 28.23 0.88 0.00 | 30.26 0.95 0.00 | 31.74 1.36 0.00 | 31.19 1.71 0.00 | 34.08 1.86 -1.18 | 38.29 2.15 -2.16 | 35.09 1.78 -3.29 | 35.51 1.99 -2.79 | 38.28 2.15 -6.54 | 37.73 2.68 0.00 | 43.34 2.86 0.00 | 43.11 2.99 0.00 | 40.30 3.21 0.00 | 40.65 3.01 0.00 | 41.15 2.74 0.00 | 62.80 3.03 0.00 | 38.09 2.01 0.00 | 33.89 1.92 0.00 | 32.24 1.84 0.00 | 33.48 1.85 0.00 |
| KIAC_JFK____ 323774 | 30.56 1.60 0.00 | 28.71 1.37 0.00 | 28.56 1.13 0.00 | 28.06 0.93 0.00 | 28.23 0.88 0.00 | 30.26 0.95 0.00 | 31.74 1.36 0.00 | 31.18 1.71 0.00 | 34.08 1.86 -1.18 | 38.30 2.15 -2.16 | 35.09 1.78 -3.29 | 35.51 1.99 -2.79 | 38.28 2.15 -6.54 | 37.73 2.68 0.00 | 43.33 2.86 0.00 | 43.11 2.99 0.00 | 40.30 3.21 0.00 | 40.65 3.01 0.00 | 41.15 2.74 0.00 | 62.80 3.03 0.00 | 38.09 2.00 0.00 | 33.89 1.92 0.00 | 32.24 1.84 0.00 | 33.48 1.85 0.00 |
| KINTIGH____ 23543 | 27.92 -1.03 0.00 | 26.09 -1.25 0.00 | 25.98 -1.45 0.00 | 25.55 -1.58 0.00 | 25.82 -1.53 0.00 | 27.79 -1.53 0.00 | 28.68 -1.71 0.00 | 28.01 -1.46 0.00 | 29.33 -1.70 0.00 | 32.56 -1.42 0.00 | 28.76 -1.27 0.00 | 29.62 -1.11 0.00 | 28.93 -0.66 0.00 | 34.07 -0.98 0.00 | 39.40 -1.08 0.00 | 38.55 -1.58 0.00 | 35.64 -1.46 0.00 | 36.26 -1.39 0.00 | 36.98 -1.43 0.00 | 57.88 -1.89 0.00 | 34.84 -1.25 0.00 | 30.70 -1.26 0.00 | 29.10 -1.30 0.00 | 30.15 -1.46 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 29.82 0.87 0.00 | 28.14 0.81 0.00 | 28.26 0.84 0.00 | 28.19 1.06 0.00 | 28.60 1.26 0.00 | 30.73 1.41 0.00 | 32.01 1.62 0.00 | 30.99 1.51 0.00 | 32.75 1.72 0.00 | 35.61 1.63 0.00 | 31.64 1.61 0.00 | 32.21 1.48 0.00 | 30.68 1.09 0.00 | 36.30 1.25 0.00 | 42.07 1.60 0.00 | 41.73 1.61 0.00 | 38.03 0.94 0.00 | 38.66 1.01 0.00 | 39.55 1.14 0.00 | 61.90 2.12 0.00 | 37.40 1.31 0.00 | 32.73 0.76 0.00 | 30.98 0.58 0.00 | 31.96 0.34 0.00 |
| LACHUTE__HYDRO 323717 | 32.95 4.00 0.00 | 30.70 3.36 0.00 | 30.73 3.30 0.00 | 30.36 3.23 0.00 | 30.59 3.24 0.00 | 32.92 3.60 0.00 | 34.48 4.09 0.00 | 33.43 3.95 0.00 | 35.13 3.91 -0.19 | 37.87 3.55 -0.34 | 33.32 2.77 -0.52 | 33.75 2.58 -0.44 | 33.30 2.67 -1.03 | 38.22 3.16 0.00 | 44.16 3.68 0.00 | 44.52 4.40 0.00 | 41.36 4.27 0.00 | 42.51 4.86 0.00 | 43.91 5.49 0.00 | 68.02 8.25 0.00 | 42.40 6.31 0.00 | 37.35 5.38 0.00 | 34.89 4.49 0.00 | 36.29 4.67 0.00 |
| LAWRNCV_115KV_TB1 80681 | 28.44 -0.52 0.00 | 26.96 -0.38 0.00 | 27.16 -0.27 0.00 | 27.14 0.01 0.00 | 27.42 0.07 0.00 | 29.39 0.07 0.00 | 30.32 -0.06 0.00 | 29.28 -0.19 0.00 | 30.89 -0.14 0.00 | 33.67 -0.31 0.00 | 29.78 -0.25 0.00 | 30.37 -0.37 0.00 | 28.96 -0.64 0.00 | 34.26 -0.79 0.00 | 39.56 -0.92 0.00 | 39.07 -1.05 0.00 | 35.52 -1.57 0.00 | 36.36 -1.29 0.00 | 37.21 -1.20 0.00 | 59.32 -0.45 0.00 | 35.68 -0.41 0.00 | 31.48 -0.48 0.00 | 29.98 -0.42 0.00 | 31.35 -0.27 0.00 |
| LEDERLE____ 23769 | 30.25 1.30 0.00 | 28.47 1.13 0.00 | 28.33 0.90 0.00 | 27.86 0.73 0.00 | 28.07 0.72 0.00 | 30.13 0.81 0.00 | 31.55 1.16 0.00 | 30.93 1.46 0.00 | 30.87 1.57 1.73 | 32.66 1.83 3.16 | 26.84 1.61 4.80 | 28.42 1.77 4.07 | 21.95 1.90 9.54 | 37.42 2.37 0.00 | 43.08 2.60 0.00 | 42.83 2.71 0.00 | 39.98 2.89 0.00 | 40.39 2.74 0.00 | 40.84 2.42 0.00 | 62.51 2.73 0.00 | 37.84 1.76 0.00 | 33.58 1.62 0.00 | 31.97 1.57 0.00 | 33.24 1.62 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 28.55 -0.40 0.00 | 26.86 -0.47 0.00 | 26.93 -0.50 0.00 | 26.64 -0.49 0.00 | 26.88 -0.47 0.00 | 28.83 -0.49 0.00 | 29.94 -0.45 0.00 | 29.03 -0.44 0.00 | 30.53 -0.50 0.00 | 33.46 -0.52 0.00 | 29.52 -0.51 0.00 | 30.23 -0.50 0.00 | 29.14 -0.45 0.00 | 34.57 -0.48 0.00 | 39.98 -0.50 0.00 | 39.60 -0.53 0.00 | 36.76 -0.34 0.00 | 37.48 -0.16 0.00 | 38.40 -0.02 0.00 | 59.84 0.06 0.00 | 36.09 0.00 0.00 | 31.73 -0.24 0.00 | 30.07 -0.33 0.00 | 31.32 -0.31 0.00 |
| LINDEN COGEN____ 23786 | 30.39 1.44 0.00 | 28.58 1.25 0.00 | 28.41 0.98 0.00 | 27.91 0.78 0.00 | 28.08 0.73 0.00 | 30.12 0.80 0.00 | 31.58 1.19 0.00 | 30.98 1.51 0.00 | 33.85 1.64 -1.18 | 38.11 1.96 -2.16 | 35.05 1.74 -3.29 | 35.45 1.93 -2.79 | 38.19 2.06 -6.54 | 37.59 2.54 0.00 | 43.15 2.67 0.00 | 42.90 2.78 0.00 | 40.08 2.99 0.00 | 40.45 2.80 0.00 | 40.96 2.55 0.00 | 62.58 2.80 0.00 | 38.01 1.93 0.00 | 33.77 1.81 0.00 | 32.18 1.78 0.00 | 33.44 1.82 0.00 |
| LINDHRST_69_KV_BK1 356055 | 40.11 2.23 -8.93 | 32.06 1.96 -2.77 | 29.02 1.59 0.00 | 28.47 1.34 0.00 | 28.64 1.29 0.00 | 30.87 1.55 0.00 | 32.33 1.94 0.00 | 31.56 2.09 0.00 | 34.38 2.16 -1.19 | 38.59 2.43 -2.18 | 35.66 2.32 -3.31 | 36.15 2.59 -2.83 | 38.86 2.67 -6.60 | 38.31 3.26 0.00 | 43.83 3.36 0.00 | 43.39 3.26 0.00 | 40.50 3.41 0.00 | 40.87 3.22 0.00 | 40.54 2.78 0.65 | 63.11 3.34 0.00 | 38.26 2.18 0.00 | 34.03 2.07 0.00 | 32.68 2.28 0.00 | 34.03 2.41 0.00 |
| LIPA_MISC_IPP 23656 | 39.76 1.88 -8.93 | 31.75 1.64 -2.77 | 28.71 1.28 0.00 | 28.14 1.01 0.00 | 28.31 0.96 0.00 | 30.58 1.26 0.00 | 32.04 1.65 0.00 | 31.19 1.72 0.00 | 33.89 1.66 -1.19 | 38.02 1.86 -2.18 | 35.18 1.84 -3.31 | 35.63 2.07 -2.83 | 38.32 2.13 -6.60 | 37.73 2.67 0.00 | 43.16 2.68 0.00 | 42.65 2.53 0.00 | 39.95 2.85 0.00 | 40.31 2.66 0.00 | 39.87 2.18 0.72 | 62.18 2.41 0.00 | 37.62 1.54 0.00 | 33.42 1.46 0.00 | 32.14 1.75 0.00 | 33.46 1.85 0.00 |
| LISF__SOLAR 323691 | 39.82 1.94 -8.93 | 31.80 1.70 -2.77 | 28.76 1.33 0.00 | 28.19 1.06 0.00 | 28.35 1.00 0.00 | 30.63 1.32 0.00 | 32.10 1.71 0.00 | 31.25 1.78 0.00 | 33.95 1.72 -1.19 | 38.08 1.92 -2.18 | 35.22 1.88 -3.31 | 35.66 2.10 -2.83 | 38.37 2.18 -6.60 | 37.79 2.74 0.00 | 43.24 2.76 0.00 | 42.74 2.62 0.00 | 40.03 2.94 0.00 | 40.40 2.75 0.00 | 39.98 2.29 0.72 | 62.35 2.58 0.00 | 37.71 1.63 0.00 | 33.50 1.54 0.00 | 32.22 1.82 0.00 | 33.54 1.91 0.00 |

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| LITTLE FALLS___HYD 24013 | 29.16 0.20 0.00 | 27.45 0.11 0.00 | 27.43 0.00 0.00 | 26.97 -0.16 0.00 | 27.15 -0.20 0.00 | 29.12 -0.19 0.00 | 30.35 -0.04 0.00 | 29.51 0.04 0.00 | 30.71 -0.33 0.00 | 33.33 -0.65 0.00 | 29.19 -0.84 0.00 | 29.86 -0.87 0.00 | 28.89 -0.71 0.00 | 34.33 -0.71 0.00 | 39.72 -0.75 0.00 | 39.47 -0.65 0.00 | 36.85 -0.24 0.00 | 37.75 0.10 0.00 | 38.84 0.42 0.00 | 60.19 0.41 0.00 | 36.25 0.17 0.00 | 32.16 0.20 0.00 | 30.78 0.38 0.00 | 32.03 0.41 0.00 |
| LITTLRIV_115KV_TB1 356100 | 28.83 -0.12 0.00 | 27.32 -0.01 0.00 | 27.53 0.10 0.00 | 27.51 0.38 0.00 | 27.80 0.45 0.00 | 29.82 0.50 0.00 | 30.75 0.37 0.00 | 29.66 0.19 0.00 | 31.19 0.16 0.00 | 33.92 -0.06 0.00 | 29.97 -0.06 0.00 | 30.55 -0.18 0.00 | 29.09 -0.50 0.00 | 34.42 -0.63 0.00 | 39.75 -0.73 0.00 | 39.29 -0.83 0.00 | 35.81 -1.28 0.00 | 36.74 -0.91 0.00 | 37.73 -0.69 0.00 | 60.32 0.54 0.00 | 36.33 0.25 0.00 | 32.04 0.08 0.00 | 30.48 0.08 0.00 | 31.83 0.21 0.00 |
| LI_NEWBRDGE___DRP 323616 | 39.58 1.70 -8.93 | 31.59 1.48 -2.77 | 28.59 1.16 0.00 | 28.08 0.95 0.00 | 28.26 0.91 0.00 | 30.42 1.11 0.00 | 31.85 1.46 0.00 | 31.09 1.62 0.00 | 33.90 1.67 -1.19 | 38.04 1.88 -2.18 | 35.17 1.83 -3.31 | 35.61 2.06 -2.83 | 38.31 2.12 -6.60 | 37.65 2.60 0.00 | 43.09 2.62 0.00 | 42.72 2.60 0.00 | 39.88 2.79 0.00 | 40.23 2.59 0.00 | 39.84 2.19 0.76 | 62.15 2.37 0.00 | 37.67 1.58 0.00 | 33.51 1.55 0.00 | 32.12 1.72 0.00 | 33.46 1.84 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 27.96 -1.00 0.00 | 26.05 -1.28 0.00 | 25.90 -1.53 0.00 | 25.44 -1.69 0.00 | 25.73 -1.62 0.00 | 27.69 -1.62 0.00 | 28.53 -1.86 0.00 | 27.91 -1.57 0.00 | 29.22 -1.81 0.00 | 32.52 -1.46 0.00 | 28.73 -1.30 0.00 | 29.65 -1.08 0.00 | 29.06 -0.54 0.00 | 34.15 -0.90 0.00 | 39.50 -0.97 0.00 | 38.56 -1.56 0.00 | 35.61 -1.48 0.00 | 36.26 -1.39 0.00 | 36.95 -1.46 0.00 | 57.97 -1.80 0.00 | 34.90 -1.18 0.00 | 30.71 -1.25 0.00 | 29.06 -1.34 0.00 | 30.09 -1.53 0.00 |
| LOCKPORT___CC1 323769 | 27.92 -1.04 0.00 | 26.02 -1.31 0.00 | 25.87 -1.56 0.00 | 25.40 -1.73 0.00 | 25.70 -1.65 0.00 | 27.66 -1.65 0.00 | 28.50 -1.89 0.00 | 27.87 -1.60 0.00 | 29.18 -1.85 0.00 | 32.47 -1.51 0.00 | 28.70 -1.33 0.00 | 29.65 -1.09 0.00 | 29.02 -0.57 0.00 | 34.11 -0.94 0.00 | 39.43 -1.05 0.00 | 38.49 -1.64 0.00 | 35.53 -1.56 0.00 | 36.15 -1.49 0.00 | 36.87 -1.55 0.00 | 57.84 -1.93 0.00 | 34.81 -1.28 0.00 | 30.64 -1.32 0.00 | 29.00 -1.40 0.00 | 30.04 -1.59 0.00 |
| LOCKPORT___CC2 323770 | 27.92 -1.04 0.00 | 26.02 -1.31 0.00 | 25.87 -1.56 0.00 | 25.40 -1.73 0.00 | 25.70 -1.65 0.00 | 27.66 -1.65 0.00 | 28.50 -1.89 0.00 | 27.87 -1.60 0.00 | 29.18 -1.85 0.00 | 32.47 -1.51 0.00 | 28.70 -1.33 0.00 | 29.65 -1.09 0.00 | 29.02 -0.57 0.00 | 34.11 -0.94 0.00 | 39.43 -1.05 0.00 | 38.49 -1.64 0.00 | 35.53 -1.56 0.00 | 36.15 -1.49 0.00 | 36.87 -1.55 0.00 | 57.84 -1.93 0.00 | 34.81 -1.28 0.00 | 30.64 -1.32 0.00 | 29.00 -1.40 0.00 | 30.04 -1.59 0.00 |
| LOCKPORT___CC3 323771 | 27.92 -1.04 0.00 | 26.02 -1.31 0.00 | 25.87 -1.56 0.00 | 25.40 -1.73 0.00 | 25.70 -1.65 0.00 | 27.66 -1.65 0.00 | 28.50 -1.89 0.00 | 27.87 -1.60 0.00 | 29.18 -1.85 0.00 | 32.47 -1.51 0.00 | 28.70 -1.33 0.00 | 29.65 -1.09 0.00 | 29.02 -0.57 0.00 | 34.11 -0.94 0.00 | 39.43 -1.05 0.00 | 38.49 -1.64 0.00 | 35.53 -1.56 0.00 | 36.15 -1.49 0.00 | 36.87 -1.55 0.00 | 57.84 -1.93 0.00 | 34.81 -1.28 0.00 | 30.64 -1.32 0.00 | 29.00 -1.40 0.00 | 30.04 -1.59 0.00 |
| LONG_LAKE_PHOENIX 24014 | 28.72 -0.23 0.00 | 27.02 -0.31 0.00 | 27.04 -0.39 0.00 | 26.68 -0.45 0.00 | 26.91 -0.44 0.00 | 28.88 -0.44 0.00 | 29.95 -0.44 0.00 | 29.04 -0.43 0.00 | 30.49 -0.54 0.00 | 33.43 -0.55 0.00 | 29.51 -0.52 0.00 | 30.26 -0.47 0.00 | 29.28 -0.31 0.00 | 34.70 -0.35 0.00 | 40.09 -0.38 0.00 | 39.74 -0.38 0.00 | 36.88 -0.21 0.00 | 37.50 -0.15 0.00 | 38.32 -0.10 0.00 | 59.52 -0.25 0.00 | 35.92 -0.16 0.00 | 31.76 -0.20 0.00 | 30.14 -0.26 0.00 | 31.29 -0.33 0.00 |
| LOVETT___3 23632 | 30.09 1.14 0.00 | 28.32 0.99 0.00 | 28.20 0.77 0.00 | 27.73 0.60 0.00 | 27.94 0.59 0.00 | 29.98 0.66 0.00 | 31.38 0.99 0.00 | 30.76 1.29 0.00 | 30.60 1.37 1.80 | 32.29 1.60 3.29 | 26.43 1.39 5.00 | 28.02 1.53 4.24 | 21.32 1.66 9.93 | 37.11 2.06 0.00 | 42.72 2.24 0.00 | 42.46 2.34 0.00 | 39.64 2.54 0.00 | 40.04 2.39 0.00 | 40.50 2.08 0.00 | 61.99 2.21 0.00 | 37.55 1.46 0.00 | 33.34 1.38 0.00 | 31.75 1.35 0.00 | 33.04 1.42 0.00 |
| LOVETT___4 23642 | 30.09 1.14 0.00 | 28.32 0.99 0.00 | 28.20 0.77 0.00 | 27.73 0.60 0.00 | 27.94 0.59 0.00 | 29.98 0.66 0.00 | 31.38 0.99 0.00 | 30.76 1.29 0.00 | 30.60 1.37 1.80 | 32.29 1.60 3.29 | 26.43 1.39 5.00 | 28.02 1.53 4.24 | 21.32 1.66 9.93 | 37.11 2.06 0.00 | 42.72 2.24 0.00 | 42.46 2.34 0.00 | 39.64 2.54 0.00 | 40.04 2.39 0.00 | 40.50 2.08 0.00 | 61.99 2.21 0.00 | 37.55 1.46 0.00 | 33.34 1.38 0.00 | 31.75 1.35 0.00 | 33.04 1.42 0.00 |
| LOVETT___5 23593 | 30.09 1.14 0.00 | 28.32 0.99 0.00 | 28.20 0.77 0.00 | 27.73 0.60 0.00 | 27.94 0.59 0.00 | 29.98 0.66 0.00 | 31.38 0.99 0.00 | 30.76 1.29 0.00 | 30.60 1.37 1.80 | 32.29 1.60 3.29 | 26.43 1.39 5.00 | 28.02 1.53 4.24 | 21.32 1.66 9.93 | 37.11 2.06 0.00 | 42.72 2.24 0.00 | 42.46 2.34 0.00 | 39.64 2.54 0.00 | 40.04 2.39 0.00 | 40.50 2.08 0.00 | 61.99 2.21 0.00 | 37.55 1.46 0.00 | 33.34 1.38 0.00 | 31.75 1.35 0.00 | 33.04 1.42 0.00 |
| LOWER RAQUET___HYD 24057 | 28.34 -0.62 0.00 | 26.86 -0.47 0.00 | 27.07 -0.36 0.00 | 27.05 -0.08 0.00 | 27.34 -0.01 0.00 | 29.30 -0.02 0.00 | 30.25 -0.14 0.00 | 29.20 -0.27 0.00 | 30.80 -0.23 0.00 | 33.56 -0.42 0.00 | 29.68 -0.34 0.00 | 30.27 -0.46 0.00 | 28.85 -0.75 0.00 | 34.13 -0.92 0.00 | 39.39 -1.08 0.00 | 38.88 -1.24 0.00 | 35.37 -1.72 0.00 | 36.26 -1.39 0.00 | 37.12 -1.30 0.00 | 59.15 -0.62 0.00 | 35.58 -0.50 0.00 | 31.39 -0.57 0.00 | 29.90 -0.49 0.00 | 31.30 -0.33 0.00 |
| LOWER___HUDSON 24059 | 30.04 1.08 0.00 | 28.34 1.01 0.00 | 28.36 0.93 0.00 | 27.98 0.85 0.00 | 28.18 0.83 0.00 | 30.18 0.86 0.00 | 31.43 1.05 0.00 | 30.59 1.12 0.00 | 32.34 1.11 -0.20 | 35.46 1.11 -0.37 | 31.45 0.86 -0.56 | 31.99 0.78 -0.47 | 31.42 0.72 -1.11 | 35.82 0.77 0.00 | 41.34 0.87 0.00 | 41.01 0.89 0.00 | 38.19 1.10 0.00 | 38.79 1.14 0.00 | 39.66 1.25 0.00 | 61.29 1.52 0.00 | 37.22 1.14 0.00 | 33.08 1.12 0.00 | 31.50 1.10 0.00 | 32.80 1.18 0.00 |
| LOWVILLE_115KV_TB2 356335 | 28.87 -0.08 0.00 | 27.21 -0.12 0.00 | 27.39 -0.04 0.00 | 27.24 0.11 0.00 | 27.50 0.15 0.00 | 29.57 0.25 0.00 | 30.73 0.35 0.00 | 29.81 0.33 0.00 | 31.31 0.27 0.00 | 34.16 0.17 0.00 | 30.09 0.06 0.00 | 30.77 0.04 0.00 | 29.56 -0.03 0.00 | 35.05 0.00 0.00 | 40.59 0.11 0.00 | 40.18 0.05 0.00 | 37.17 0.07 0.00 | 38.10 0.45 0.00 | 39.19 0.78 0.00 | 61.44 1.67 0.00 | 36.93 0.85 0.00 | 32.15 0.18 0.00 | 30.29 -0.11 0.00 | 31.65 0.03 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 30.79 1.84 0.00 | 28.96 1.63 0.00 | 28.98 1.55 0.00 | 28.57 1.44 0.00 | 28.79 1.44 0.00 | 30.89 1.57 0.00 | 32.21 1.83 0.00 | 31.33 1.86 0.00 | 33.07 1.84 -0.19 | 36.22 1.90 -0.35 | 32.01 1.45 -0.53 | 32.60 1.43 -0.45 | 32.04 1.40 -1.05 | 36.64 1.59 0.00 | 42.40 1.92 0.00 | 42.18 2.05 0.00 | 39.31 2.21 0.00 | 40.04 2.39 0.00 | 41.08 2.67 0.00 | 63.55 3.77 0.00 | 38.64 2.55 0.00 | 34.24 2.28 0.00 | 32.43 2.03 0.00 | 33.76 2.14 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 30.80 1.85 0.00 | 28.95 1.62 0.00 | 28.98 1.55 0.00 | 28.56 1.43 0.00 | 28.78 1.43 0.00 | 30.89 1.57 0.00 | 32.22 1.83 0.00 | 31.34 1.87 0.00 | 33.06 1.84 -0.19 | 36.26 1.93 -0.35 | 32.01 1.46 -0.53 | 32.61 1.43 -0.45 | 32.06 1.42 -1.05 | 36.65 1.60 0.00 | 42.45 1.97 0.00 | 42.22 2.10 0.00 | 39.34 2.25 0.00 | 40.08 2.43 0.00 | 41.13 2.71 0.00 | 63.65 3.87 0.00 | 38.65 2.56 0.00 | 34.24 2.28 0.00 | 32.43 2.03 0.00 | 33.79 2.17 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 28.26 -0.69 0.00 | 26.71 -0.62 0.00 | 26.91 -0.52 0.00 | 26.83 -0.30 0.00 | 27.11 -0.24 0.00 | 29.09 -0.22 0.00 | 30.14 -0.25 0.00 | 29.15 -0.32 0.00 | 30.69 -0.34 0.00 | 33.47 -0.52 0.00 | 29.55 -0.47 0.00 | 30.25 -0.48 0.00 | 28.85 -0.75 0.00 | 34.19 -0.86 0.00 | 39.62 -0.85 0.00 | 39.05 -1.07 0.00 | 35.87 -1.22 0.00 | 36.95 -0.70 0.00 | 37.96 -0.46 0.00 | 60.02 0.24 0.00 | 36.01 -0.07 0.00 | 31.55 -0.41 0.00 | 29.89 -0.51 0.00 | 31.26 -0.36 0.00 |
| LYONS_FALL_HYD 23570 | 29.17 0.21 0.00 | 27.49 0.15 0.00 | 27.61 0.18 0.00 | 27.37 0.24 0.00 | 27.62 0.27 0.00 | 29.68 0.37 0.00 | 30.85 0.47 0.00 | 29.94 0.46 0.00 | 31.44 0.41 0.00 | 34.36 0.38 0.00 | 30.29 0.26 0.00 | 31.00 0.27 0.00 | 29.85 0.26 0.00 | 35.39 0.34 0.00 | 40.97 0.49 0.00 | 40.56 0.44 0.00 | 37.58 0.49 0.00 | 38.41 0.76 0.00 | 39.42 1.01 0.00 | 61.56 1.79 0.00 | 37.08 1.00 0.00 | 32.46 0.50 0.00 | 30.66 0.26 0.00 | 31.95 0.33 0.00 |
| MADISON___COUNTY_LFGE 323628 | 29.71 0.76 0.00 | 27.96 0.62 0.00 | 28.00 0.56 0.00 | 27.64 0.51 0.00 | 27.86 0.51 0.00 | 29.95 0.63 0.00 | 31.13 0.74 0.00 | 30.22 0.75 0.00 | 31.69 0.66 0.00 | 34.66 0.68 0.00 | 30.57 0.54 0.00 | 31.32 0.59 0.00 | 30.29 0.70 0.00 | 35.92 0.87 0.00 | 41.56 1.08 0.00 | 41.21 1.09 0.00 | 38.24 1.15 0.00 | 38.96 1.31 0.00 | 39.85 1.44 0.00 | 61.99 2.22 0.00 | 37.44 1.35 0.00 | 33.00 1.04 0.00 | 31.26 0.86 0.00 | 32.43 0.81 0.00 |
| MALONE___115KV_TB1 356076 | 29.05 0.10 0.00 | 27.51 0.17 0.00 | 27.68 0.25 0.00 | 27.65 0.52 0.00 | 27.98 0.63 0.00 | 30.01 0.69 0.00 | 31.07 0.68 0.00 | 30.06 0.59 0.00 | 31.83 0.80 0.00 | 34.71 0.73 0.00 | 30.76 0.74 0.00 | 31.32 0.59 0.00 | 29.89 0.29 0.00 | 35.36 0.31 0.00 | 40.92 0.44 0.00 | 40.52 0.40 0.00 | 37.03 -0.06 0.00 | 37.76 0.11 0.00 | 38.66 0.25 0.00 | 60.92 1.15 0.00 | 36.65 0.56 0.00 | 32.15 0.19 0.00 | 30.46 0.06 0.00 | 31.55 -0.07 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 29.74 0.79 0.00 | 28.07 0.73 0.00 | 28.08 0.65 0.00 | 27.69 0.57 0.00 | 27.90 0.54 0.00 | 29.88 0.56 0.00 | 31.10 0.71 0.00 | 30.28 0.81 0.00 | 32.05 0.82 -0.20 | 35.20 0.86 -0.36 | 31.27 0.69 -0.55 | 31.86 0.67 -0.46 | 31.34 0.66 -1.09 | 35.80 0.75 0.00 | 41.32 0.84 0.00 | 41.00 0.88 0.00 | 38.18 1.09 0.00 | 38.75 1.10 0.00 | 39.55 1.13 0.00 | 61.03 1.26 0.00 | 36.99 0.91 0.00 | 32.89 0.92 0.00 | 31.40 1.00 0.00 | 32.65 1.02 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 28.49 -0.46 0.00 | 27.00 -0.34 0.00 | 27.23 -0.20 0.00 | 27.11 -0.02 0.00 | 27.31 -0.04 0.00 | 29.27 -0.05 0.00 | 30.30 -0.09 0.00 | 29.32 -0.15 0.00 | 30.95 -0.08 0.00 | 33.84 -0.14 0.00 | 29.92 -0.11 0.00 | 30.55 -0.19 0.00 | 29.27 -0.32 0.00 | 34.64 -0.41 0.00 | 40.05 -0.43 0.00 | 39.70 -0.42 0.00 | 36.46 -0.64 0.00 | 37.01 -0.64 0.00 | 37.86 -0.56 0.00 | 59.33 -0.44 0.00 | 35.48 -0.60 0.00 | 31.17 -0.79 0.00 | 29.59 -0.81 0.00 | 30.90 -0.73 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 28.49 -0.46 0.00 | 27.00 -0.34 0.00 | 27.23 -0.20 0.00 | 27.11 -0.02 0.00 | 27.31 -0.04 0.00 | 29.27 -0.05 0.00 | 30.30 -0.09 0.00 | 29.32 -0.15 0.00 | 30.95 -0.08 0.00 | 33.84 -0.14 0.00 | 29.92 -0.11 0.00 | 30.55 -0.19 0.00 | 29.27 -0.32 0.00 | 34.64 -0.41 0.00 | 40.05 -0.43 0.00 | 39.70 -0.42 0.00 | 36.46 -0.64 0.00 | 37.01 -0.64 0.00 | 37.86 -0.56 0.00 | 59.33 -0.44 0.00 | 35.48 -0.60 0.00 | 31.17 -0.79 0.00 | 29.59 -0.81 0.00 | 30.90 -0.73 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 29.12 0.17 0.00 | 27.55 0.21 0.00 | 27.72 0.29 0.00 | 27.68 0.55 0.00 | 28.02 0.67 0.00 | 30.06 0.74 0.00 | 31.18 0.80 0.00 | 30.15 0.68 0.00 | 31.93 0.89 0.00 | 34.80 0.82 0.00 | 30.89 0.86 0.00 | 31.45 0.71 0.00 | 30.01 0.41 0.00 | 35.51 0.45 0.00 | 41.11 0.63 0.00 | 40.75 0.63 0.00 | 37.22 0.13 0.00 | 37.86 0.21 0.00 | 38.73 0.32 0.00 | 60.74 0.97 0.00 | 36.57 0.48 0.00 | 32.04 0.08 0.00 | 30.34 -0.06 0.00 | 31.34 -0.29 0.00 |
| MARSHVLE_115KV_TB1 80742 | 30.73 1.77 0.00 | 28.93 1.59 0.00 | 28.97 1.54 0.00 | 28.64 1.51 0.00 | 28.88 1.53 0.00 | 31.07 1.75 0.00 | 32.20 1.82 0.00 | 31.08 1.61 0.00 | 32.41 1.38 0.00 | 35.32 1.34 0.00 | 31.08 1.06 0.00 | 31.82 1.09 0.00 | 30.77 1.18 0.00 | 36.60 1.55 0.00 | 42.45 1.97 0.00 | 42.25 2.13 0.00 | 39.16 2.07 0.00 | 39.93 2.28 0.00 | 41.01 2.60 0.00 | 63.93 4.16 0.00 | 38.58 2.50 0.00 | 34.07 2.11 0.00 | 32.35 1.95 0.00 | 33.55 1.94 0.00 |
| MARSH_HILL_WT_PWR 323713 | 29.78 0.83 0.00 | 27.83 0.49 0.00 | 27.36 -0.07 0.00 | 27.08 -0.04 0.00 | 27.15 -0.19 0.00 | 29.35 0.03 0.00 | 30.61 0.22 0.00 | 29.81 0.34 0.00 | 31.14 0.11 0.00 | 34.59 0.60 0.00 | 30.11 0.08 0.00 | 30.51 -0.22 0.00 | 30.09 0.49 0.00 | 35.65 0.60 0.00 | 41.47 0.99 0.00 | 40.93 0.80 0.00 | 38.19 1.10 0.00 | 38.99 1.34 0.00 | 39.21 0.79 0.00 | 60.34 0.57 0.00 | 35.90 -0.18 0.00 | 31.10 -0.86 0.00 | 29.68 -0.72 0.00 | 30.54 -1.08 0.00 |
| MCINTYRE_115KV_TB2 80467 | 29.16 0.21 0.00 | 27.65 0.31 0.00 | 27.85 0.42 0.00 | 27.83 0.70 0.00 | 28.12 0.78 0.00 | 30.16 0.84 0.00 | 31.08 0.69 0.00 | 29.94 0.47 0.00 | 31.41 0.38 0.00 | 34.12 0.13 0.00 | 30.13 0.10 0.00 | 30.70 -0.03 0.00 | 29.23 -0.37 0.00 | 34.57 -0.47 0.00 | 39.96 -0.52 0.00 | 39.56 -0.56 0.00 | 36.05 -1.04 0.00 | 36.94 -0.70 0.00 | 38.03 -0.39 0.00 | 60.95 1.18 0.00 | 36.79 0.71 0.00 | 32.45 0.49 0.00 | 30.84 0.44 0.00 | 32.15 0.53 0.00 |
| MECO_____69_KV_BK1 80468 | 31.98 3.02 0.00 | 30.02 2.69 0.00 | 30.03 2.59 0.00 | 29.62 2.49 0.00 | 29.86 2.51 0.00 | 32.19 2.87 0.00 | 33.42 3.03 0.00 | 31.91 2.43 0.00 | 32.38 1.34 0.00 | 34.58 0.60 0.00 | 30.04 0.00 0.00 | 30.59 -0.15 0.00 | 29.44 -0.15 0.00 | 35.04 -0.01 0.00 | 40.84 0.36 0.00 | 41.16 1.04 0.00 | 38.87 1.78 0.00 | 40.64 2.99 0.00 | 43.12 4.71 0.00 | 67.89 8.12 0.00 | 40.79 4.71 0.00 | 35.96 4.00 0.00 | 34.03 3.63 0.00 | 35.13 3.51 0.00 |
| MENANDS___115KV_TB5 355628 | 29.54 0.58 0.00 | 27.87 0.54 0.00 | 27.89 0.46 0.00 | 27.51 0.38 0.00 | 27.71 0.35 0.00 | 29.67 0.35 0.00 | 30.89 0.50 0.00 | 30.07 0.60 0.00 | 31.85 0.62 -0.20 | 34.99 0.65 -0.36 | 31.09 0.51 -0.55 | 31.69 0.49 -0.47 | 31.16 0.47 -1.09 | 35.57 0.52 0.00 | 41.04 0.56 0.00 | 40.70 0.58 0.00 | 37.90 0.80 0.00 | 38.44 0.79 0.00 | 39.20 0.79 0.00 | 60.49 0.72 0.00 | 36.67 0.59 0.00 | 32.62 0.66 0.00 | 31.19 0.79 0.00 | 32.43 0.81 0.00 |
| MG INDUSTRY___DRP 24185 | 29.59 0.63 0.00 | 27.92 0.59 0.00 | 27.98 0.55 0.00 | 27.60 0.48 0.00 | 27.81 0.46 0.00 | 29.80 0.48 0.00 | 30.98 0.59 0.00 | 30.11 0.63 0.00 | 31.78 0.58 -0.17 | 34.82 0.52 -0.32 | 30.87 0.36 -0.48 | 31.46 0.31 -0.41 | 30.85 0.30 -0.96 | 35.37 0.32 0.00 | 40.80 0.33 0.00 | 40.48 0.36 0.00 | 37.69 0.60 0.00 | 38.31 0.66 0.00 | 39.20 0.78 0.00 | 60.61 0.84 0.00 | 36.75 0.67 0.00 | 32.69 0.73 0.00 | 31.22 0.82 0.00 | 32.46 0.84 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 28.26 -0.69 0.00 | 26.71 -0.62 0.00 | 26.91 -0.52 0.00 | 26.83 -0.30 0.00 | 27.11 -0.24 0.00 | 29.09 -0.22 0.00 | 30.14 -0.25 0.00 | 29.15 -0.32 0.00 | 30.69 -0.34 0.00 | 33.47 -0.52 0.00 | 29.55 -0.47 0.00 | 30.25 -0.48 0.00 | 28.85 -0.75 0.00 | 34.19 -0.86 0.00 | 39.62 -0.85 0.00 | 39.05 -1.07 0.00 | 35.87 -1.22 0.00 | 36.95 -0.70 0.00 | 37.96 -0.46 0.00 | 60.02 0.24 0.00 | 36.01 -0.07 0.00 | 31.55 -0.41 0.00 | 29.89 -0.51 0.00 | 31.26 -0.36 0.00 |
| MID___RAQUETTE_HYD 23851 | 28.34 -0.62 0.00 | 26.86 -0.48 0.00 | 27.07 -0.36 0.00 | 27.05 -0.08 0.00 | 27.34 -0.01 0.00 | 29.30 -0.02 0.00 | 30.25 -0.14 0.00 | 29.20 -0.27 0.00 | 30.80 -0.23 0.00 | 33.56 -0.42 0.00 | 29.68 -0.34 0.00 | 30.27 -0.46 0.00 | 28.85 -0.75 0.00 | 34.13 -0.92 0.00 | 39.39 -1.08 0.00 | 38.88 -1.24 0.00 | 35.37 -1.72 0.00 | 36.26 -1.39 0.00 | 37.12 -1.30 0.00 | 59.15 -0.62 0.00 | 35.58 -0.50 0.00 | 31.39 -0.57 0.00 | 29.90 -0.49 0.00 | 31.30 -0.33 0.00 |
| MILLIKEN___1 23584 | 29.56 0.61 0.00 | 27.78 0.45 0.00 | 27.80 0.37 0.00 | 27.38 0.25 0.00 | 27.64 0.29 0.00 | 29.72 0.40 0.00 | 30.87 0.49 0.00 | 30.00 0.52 0.00 | 31.60 0.57 0.00 | 34.57 0.59 0.00 | 30.41 0.38 0.00 | 31.12 0.38 0.00 | 30.14 0.55 0.00 | 35.73 0.67 0.00 | 41.34 0.87 0.00 | 41.03 0.90 0.00 | 38.01 0.91 0.00 | 38.67 1.02 0.00 | 39.61 1.19 0.00 | 61.47 1.70 0.00 | 37.04 0.96 0.00 | 32.78 0.81 0.00 | 31.05 0.65 0.00 | 32.20 0.57 0.00 |
| MILLIKEN___2 23585 | 29.56 0.61 0.00 | 27.78 0.45 0.00 | 27.80 0.37 0.00 | 27.38 0.25 0.00 | 27.64 0.29 0.00 | 29.72 0.40 0.00 | 30.87 0.49 0.00 | 30.00 0.52 0.00 | 31.60 0.57 0.00 | 34.57 0.59 0.00 | 30.41 0.38 0.00 | 31.12 0.38 0.00 | 30.14 0.55 0.00 | 35.73 0.67 0.00 | 41.34 0.87 0.00 | 41.03 0.90 0.00 | 38.01 0.91 0.00 | 38.67 1.02 0.00 | 39.61 1.19 0.00 | 61.47 1.70 0.00 | 37.04 0.96 0.00 | 32.78 0.81 0.00 | 31.05 0.65 0.00 | 32.20 0.57 0.00 |
| MILLIKEN___DIESEL 23629 | 29.56 0.61 0.00 | 27.78 0.45 0.00 | 27.80 0.37 0.00 | 27.38 0.25 0.00 | 27.64 0.29 0.00 | 29.72 0.40 0.00 | 30.87 0.49 0.00 | 30.00 0.52 0.00 | 31.60 0.57 0.00 | 34.57 0.59 0.00 | 30.41 0.38 0.00 | 31.12 0.38 0.00 | 30.14 0.55 0.00 | 35.73 0.67 0.00 | 41.34 0.87 0.00 | 41.03 0.90 0.00 | 38.01 0.91 0.00 | 38.67 1.02 0.00 | 39.61 1.19 0.00 | 61.47 1.70 0.00 | 37.04 0.96 0.00 | 32.78 0.81 0.00 | 31.05 0.65 0.00 | 32.20 0.57 0.00 |
| MILLSEAT___LFGE 323607 | 28.63 -0.32 0.00 | 26.68 -0.65 0.00 | 26.52 -0.90 0.00 | 26.05 -1.08 0.00 | 26.34 -1.01 0.00 | 28.37 -0.95 0.00 | 29.28 -1.11 0.00 | 28.64 -0.83 0.00 | 29.96 -1.07 0.00 | 33.24 -0.75 0.00 | 29.36 -0.67 0.00 | 30.31 -0.43 0.00 | 29.66 0.07 0.00 | 34.94 -0.12 0.00 | 40.53 0.05 0.00 | 39.89 -0.23 0.00 | 36.92 -0.18 0.00 | 37.52 -0.13 0.00 | 38.24 -0.17 0.00 | 59.90 0.12 0.00 | 36.02 -0.06 0.00 | 31.68 -0.28 0.00 | 29.92 -0.48 0.00 | 30.94 -0.69 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 30.24 1.29 0.00 | 28.45 1.12 0.00 | 28.32 0.89 0.00 | 27.85 0.72 0.00 | 28.04 0.69 0.00 | 30.10 0.78 0.00 | 31.52 1.13 0.00 | 30.88 1.41 0.00 | 33.87 1.52 -1.32 | 38.18 1.78 -2.42 | 35.27 1.57 -3.67 | 35.56 1.71 -3.12 | 38.72 1.82 -7.30 | 37.28 2.23 0.00 | 42.89 2.41 0.00 | 42.63 2.50 0.00 | 39.78 2.68 0.00 | 40.19 2.54 0.00 | 40.68 2.26 0.00 | 62.29 2.52 0.00 | 37.74 1.65 0.00 | 33.51 1.55 0.00 | 31.94 1.54 0.00 | 33.21 1.59 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 30.33 1.38 0.00 | 28.54 1.20 0.00 | 28.39 0.96 0.00 | 27.92 0.79 0.00 | 28.11 0.76 0.00 | 30.18 0.86 0.00 | 31.61 1.22 0.00 | 30.97 1.50 0.00 | 33.98 1.62 -1.32 | 38.29 1.89 -2.42 | 35.38 1.68 -3.67 | 35.68 1.83 -3.12 | 38.84 1.94 -7.30 | 37.46 2.40 0.00 | 43.07 2.60 0.00 | 42.82 2.70 0.00 | 39.96 2.86 0.00 | 40.37 2.73 0.00 | 40.86 2.45 0.00 | 62.53 2.76 0.00 | 37.88 1.80 0.00 | 33.64 1.68 0.00 | 32.05 1.65 0.00 | 33.31 1.69 0.00 |
| MODEL_CITY_ENERGY 24167 | 27.64 -1.31 0.00 | 25.77 -1.56 0.00 | 25.62 -1.81 0.00 | 25.16 -1.97 0.00 | 25.47 -1.88 0.00 | 27.40 -1.91 0.00 | 28.21 -2.18 0.00 | 27.58 -1.89 0.00 | 28.89 -2.14 0.00 | 32.13 -1.85 0.00 | 28.41 -1.62 0.00 | 29.34 -1.40 0.00 | 28.71 -0.89 0.00 | 33.72 -1.34 0.00 | 38.95 -1.53 0.00 | 37.99 -2.14 0.00 | 35.08 -2.02 0.00 | 35.72 -1.93 0.00 | 36.43 -1.98 0.00 | 57.19 -2.58 0.00 | 34.45 -1.64 0.00 | 30.33 -1.64 0.00 | 28.70 -1.70 0.00 | 29.74 -1.88 0.00 |
| MODERN_LFGE___ 323580 | 27.64 -1.31 0.00 | 25.77 -1.56 0.00 | 25.62 -1.81 0.00 | 25.16 -1.97 0.00 | 25.47 -1.88 0.00 | 27.40 -1.91 0.00 | 28.21 -2.18 0.00 | 27.58 -1.89 0.00 | 28.89 -2.14 0.00 | 32.13 -1.85 0.00 | 28.41 -1.62 0.00 | 29.34 -1.40 0.00 | 28.71 -0.89 0.00 | 33.72 -1.34 0.00 | 38.95 -1.53 0.00 | 37.99 -2.14 0.00 | 35.08 -2.02 0.00 | 35.72 -1.93 0.00 | 36.43 -1.98 0.00 | 57.19 -2.58 0.00 | 34.45 -1.64 0.00 | 30.33 -1.64 0.00 | 28.70 -1.70 0.00 | 29.74 -1.88 0.00 |
| MOHAWK_PAPER___DRP 24187 | 29.74 0.79 0.00 | 28.07 0.73 0.00 | 28.08 0.65 0.00 | 27.69 0.57 0.00 | 27.90 0.54 0.00 | 29.88 0.56 0.00 | 31.10 0.71 0.00 | 30.28 0.81 0.00 | 32.05 0.82 -0.20 | 35.20 0.86 -0.36 | 31.27 0.69 -0.55 | 31.86 0.67 -0.46 | 31.34 0.66 -1.09 | 35.80 0.75 0.00 | 41.32 0.84 0.00 | 41.00 0.88 0.00 | 38.18 1.09 0.00 | 38.75 1.10 0.00 | 39.55 1.13 0.00 | 61.03 1.26 0.00 | 36.99 0.91 0.00 | 32.89 0.92 0.00 | 31.40 1.00 0.00 | 32.65 1.02 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 31.34 2.39 0.00 | 29.40 2.07 0.00 | 29.43 2.00 0.00 | 29.02 1.90 0.00 | 29.23 1.89 0.00 | 31.40 2.08 0.00 | 32.78 2.40 0.00 | 31.88 2.41 0.00 | 33.62 2.40 -0.19 | 36.69 2.37 -0.34 | 32.32 1.77 -0.52 | 32.89 1.72 -0.44 | 32.35 1.73 -1.03 | 36.97 1.92 0.00 | 42.79 2.32 0.00 | 42.76 2.64 0.00 | 39.81 2.72 0.00 | 40.68 3.03 0.00 | 41.92 3.51 0.00 | 64.88 5.11 0.00 | 39.75 3.66 0.00 | 35.14 3.17 0.00 | 33.05 2.65 0.00 | 34.45 2.83 0.00 |
| MONGAUP___HYD 23641 | 30.26 1.30 0.00 | 28.45 1.12 0.00 | 28.35 0.92 0.00 | 27.90 0.77 0.00 | 28.10 0.75 0.00 | 30.18 0.86 0.00 | 31.53 1.14 0.00 | 30.82 1.35 0.00 | 31.33 1.34 1.05 | 33.49 1.43 1.92 | 28.18 1.06 2.91 | 29.36 1.10 2.47 | 25.01 1.21 5.79 | 36.56 1.51 0.00 | 42.18 1.70 0.00 | 42.07 1.95 0.00 | 39.26 2.17 0.00 | 39.63 1.99 0.00 | 40.39 1.97 0.00 | 62.26 2.48 0.00 | 37.99 1.91 0.00 | 33.69 1.72 0.00 | 32.01 1.61 0.00 | 33.29 1.67 0.00 |
| MONTAUK___DIESEL 23721 | 41.18 3.30 -8.93 | 33.03 2.93 -2.77 | 29.96 2.53 0.00 | 29.33 2.20 0.00 | 29.47 2.12 0.00 | 31.88 2.56 0.00 | 33.43 3.04 0.00 | 32.55 3.08 0.00 | 35.42 3.19 -1.19 | 39.87 3.70 -2.18 | 36.77 3.42 -3.31 | 37.21 3.65 -2.83 | 39.93 3.74 -6.60 | 39.73 4.68 0.00 | 45.51 5.03 0.00 | 44.95 4.83 0.00 | 42.14 5.05 0.00 | 42.49 4.84 0.00 | 41.94 4.25 0.72 | 65.07 5.30 0.00 | 39.35 3.27 0.00 | 35.02 3.05 0.00 | 33.68 3.28 0.00 | 35.02 3.39 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 28.86 -0.09 0.00 | 26.92 -0.41 0.00 | 26.70 -0.72 0.00 | 25.69 -1.44 0.00 | 25.56 -1.79 0.00 | 27.51 -1.81 0.00 | 28.75 -1.64 0.00 | 28.43 -1.04 0.00 | 29.90 -1.14 0.00 | 33.68 -0.31 0.00 | 29.87 -0.16 0.00 | 30.97 0.23 0.00 | 30.46 0.87 0.00 | 35.90 0.85 0.00 | 41.48 1.00 0.00 | 40.37 0.25 0.00 | 36.95 -0.14 0.00 | 37.22 -0.43 0.00 | 37.53 -0.88 0.00 | 58.34 -1.43 0.00 | 34.81 -1.27 0.00 | 30.80 -1.16 0.00 | 28.96 -1.44 0.00 | 30.04 -1.59 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 28.10 -0.86 0.00 | 26.23 -1.10 0.00 | 26.20 -1.23 0.00 | 25.67 -1.46 0.00 | 25.99 -1.36 0.00 | 27.98 -1.34 0.00 | 28.99 -1.40 0.00 | 28.36 -1.11 0.00 | 29.59 -1.44 0.00 | 32.95 -1.03 0.00 | 28.99 -1.04 0.00 | 29.82 -0.91 0.00 | 29.23 -0.36 0.00 | 34.53 -0.53 0.00 | 40.16 -0.32 0.00 | 39.38 -0.75 0.00 | 36.21 -0.88 0.00 | 36.73 -0.92 0.00 | 37.35 -1.07 0.00 | 58.08 -1.69 0.00 | 34.72 -1.37 0.00 | 30.54 -1.43 0.00 | 28.92 -1.48 0.00 | 29.93 -1.69 0.00 |
| MORTIMER_115KV_TB3 55949 | 28.63 -0.32 0.00 | 26.79 -0.55 0.00 | 26.71 -0.72 0.00 | 26.28 -0.85 0.00 | 26.53 -0.82 0.00 | 28.55 -0.76 0.00 | 29.52 -0.87 0.00 | 28.78 -0.70 0.00 | 30.16 -0.87 0.00 | 33.36 -0.62 0.00 | 29.50 -0.52 0.00 | 30.40 -0.33 0.00 | 29.64 0.05 0.00 | 35.04 -0.01 0.00 | 40.61 0.13 0.00 | 40.01 -0.11 0.00 | 37.06 -0.03 0.00 | 37.70 0.05 0.00 | 38.40 -0.02 0.00 | 59.88 0.10 0.00 | 36.02 -0.06 0.00 | 31.73 -0.23 0.00 | 30.05 -0.35 0.00 | 31.10 -0.52 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.28 0.96 0.00 | 31.74 1.36 0.00 | 31.13 1.66 0.00 | 34.02 1.81 -1.18 | 38.28 2.13 -2.16 | 35.20 1.88 -3.29 | 35.58 2.07 -2.79 | 38.31 2.18 -6.53 | 37.72 2.67 0.00 | 43.33 2.85 0.00 | 43.06 2.93 0.00 | 40.20 3.10 0.00 | 40.58 2.93 0.00 | 41.05 2.64 0.00 | 62.81 3.04 0.00 | 38.08 2.00 0.00 | 33.84 1.88 0.00 | 32.25 1.86 0.00 | 33.50 1.89 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 31.02 2.07 0.00 | 29.12 1.79 0.00 | 29.15 1.72 0.00 | 28.72 1.59 0.00 | 29.00 1.65 0.00 | 31.26 1.94 0.00 | 32.57 2.19 0.00 | 31.73 2.26 0.00 | 33.19 2.15 0.00 | 36.22 2.23 0.00 | 31.70 1.68 0.00 | 32.42 1.69 0.00 | 31.44 1.85 0.00 | 37.28 2.23 0.00 | 43.12 2.64 0.00 | 42.83 2.71 0.00 | 39.90 2.81 0.00 | 40.69 3.04 0.00 | 41.88 3.46 0.00 | 65.11 5.34 0.00 | 39.06 2.98 0.00 | 34.27 2.31 0.00 | 32.18 1.78 0.00 | 33.35 1.73 0.00 |
| N SALMON___HYD 24042 | 29.05 0.10 0.00 | 27.51 0.17 0.00 | 27.67 0.24 0.00 | 27.65 0.52 0.00 | 27.98 0.63 0.00 | 30.01 0.69 0.00 | 31.07 0.68 0.00 | 30.06 0.59 0.00 | 31.83 0.80 0.00 | 34.71 0.73 0.00 | 30.76 0.74 0.00 | 31.32 0.59 0.00 | 29.89 0.29 0.00 | 35.36 0.31 0.00 | 40.92 0.44 0.00 | 40.53 0.40 0.00 | 37.03 -0.06 0.00 | 37.76 0.11 0.00 | 38.66 0.25 0.00 | 60.92 1.14 0.00 | 36.65 0.56 0.00 | 32.15 0.19 0.00 | 30.46 0.06 0.00 | 31.55 -0.07 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 28.48 -0.47 0.00 | 26.54 -0.80 0.00 | 26.38 -1.05 0.00 | 25.91 -1.22 0.00 | 26.20 -1.15 0.00 | 28.22 -1.09 0.00 | 29.11 -1.28 0.00 | 28.48 -0.99 0.00 | 29.82 -1.22 0.00 | 33.12 -0.86 0.00 | 29.25 -0.78 0.00 | 30.19 -0.55 0.00 | 29.58 -0.02 0.00 | 34.80 -0.25 0.00 | 40.35 -0.13 0.00 | 39.59 -0.54 0.00 | 36.61 -0.48 0.00 | 37.22 -0.43 0.00 | 37.93 -0.48 0.00 | 59.44 -0.34 0.00 | 35.75 -0.33 0.00 | 31.45 -0.51 0.00 | 29.71 -0.69 0.00 | 30.74 -0.88 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 39.88 2.00 -8.93 | 31.85 1.75 -2.77 | 28.83 1.40 0.00 | 28.30 1.17 0.00 | 28.48 1.13 0.00 | 30.66 1.34 0.00 | 32.11 1.72 0.00 | 31.36 1.89 0.00 | 34.18 1.96 -1.19 | 38.37 2.20 -2.18 | 35.50 2.16 -3.31 | 35.99 2.43 -2.83 | 38.71 2.52 -6.60 | 38.12 3.06 0.00 | 43.53 3.05 0.00 | 43.08 2.96 0.00 | 40.23 3.14 0.00 | 40.60 2.95 0.00 | 40.47 2.55 0.49 | 62.80 3.02 0.00 | 38.05 1.97 0.00 | 33.91 1.95 0.00 | 32.50 2.10 0.00 | 33.82 2.20 0.00 |
| N.E_GEN_SANDY PD 24062 | 30.05 0.97 -0.13 | 30.51 0.87 -2.30 | 28.92 0.76 -0.73 | 28.07 0.65 -0.29 | 28.06 0.62 -0.08 | 30.00 0.65 -0.03 | 31.30 0.91 0.00 | 30.53 1.06 0.00 | 32.48 1.08 -0.36 | 35.26 1.16 -0.11 | 31.37 0.93 -0.41 | 32.47 0.88 -0.85 | 32.43 0.84 -2.00 | 35.96 0.91 0.00 | 41.41 0.94 0.00 | 42.00 0.98 -0.90 | 36.82 1.21 1.49 | 38.80 1.15 0.00 | 39.52 1.10 0.00 | 60.76 0.98 0.00 | 36.90 0.82 0.00 | 32.84 0.88 0.00 | 31.33 0.93 0.00 | 32.63 1.01 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 30.15 1.20 0.00 | 28.38 1.05 0.00 | 28.25 0.82 0.00 | 27.78 0.65 0.00 | 27.99 0.64 0.00 | 30.03 0.72 0.00 | 31.43 1.05 0.00 | 30.82 1.34 0.00 | 30.70 1.44 1.76 | 32.45 1.69 3.22 | 26.61 1.48 4.90 | 28.20 1.63 4.16 | 21.62 1.76 9.73 | 37.25 2.20 0.00 | 42.88 2.40 0.00 | 42.64 2.51 0.00 | 39.80 2.71 0.00 | 40.20 2.55 0.00 | 40.65 2.24 0.00 | 62.22 2.45 0.00 | 37.67 1.59 0.00 | 33.44 1.48 0.00 | 31.84 1.44 0.00 | 33.13 1.51 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 30.58 1.63 0.00 | 28.74 1.40 0.00 | 28.58 1.15 0.00 | 28.07 0.94 0.00 | 28.28 0.93 0.00 | 30.32 1.01 0.00 | 31.85 1.46 0.00 | 31.24 1.76 0.00 | 34.15 1.93 -1.18 | 38.37 2.22 -2.16 | 35.25 1.94 -3.29 | 35.68 2.16 -2.79 | 38.42 2.29 -6.54 | 37.82 2.77 0.00 | 43.43 2.95 0.00 | 43.15 3.03 0.00 | 40.32 3.23 0.00 | 40.65 3.00 0.00 | 41.13 2.71 0.00 | 62.86 3.09 0.00 | 38.13 2.05 0.00 | 33.86 1.89 0.00 | 32.37 1.97 0.00 | 33.62 2.00 0.00 |
| N.TROY___115KV_TB1 355778 | 30.04 1.08 0.00 | 28.34 1.01 0.00 | 28.36 0.93 0.00 | 27.97 0.84 0.00 | 28.18 0.83 0.00 | 30.18 0.86 0.00 | 31.44 1.05 0.00 | 30.59 1.12 0.00 | 32.34 1.11 -0.20 | 35.46 1.11 -0.37 | 31.45 0.86 -0.56 | 31.99 0.78 -0.47 | 31.42 0.72 -1.11 | 35.82 0.77 0.00 | 41.34 0.87 0.00 | 41.01 0.89 0.00 | 38.19 1.10 0.00 | 38.79 1.14 0.00 | 39.66 1.25 0.00 | 61.29 1.52 0.00 | 37.22 1.13 0.00 | 33.08 1.12 0.00 | 31.50 1.10 0.00 | 32.80 1.18 0.00 |
| NARROWS_GT1_1 24228 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT1_2 24229 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT1_3 24230 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT1_4 24231 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| NARROWS_GT1_5 24232 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT1_6 24233 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT1_7 24234 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT1_8 24235 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT2_1 24236 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT2_2 24237 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT2_3 24238 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT2_4 24239 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT2_5 24240 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT2_6 24241 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT2_7 24242 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NARROWS_GT2_8 24243 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.00 -3.29 | 35.77 2.24 -2.79 | 38.54 2.41 -6.54 | 38.00 2.94 -0.01 | 43.62 3.14 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.19 -0.12 | 41.25 2.84 0.00 | 63.02 3.24 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 30.20 1.24 0.00 | 28.45 1.11 0.00 | 28.50 1.07 0.00 | 28.11 0.98 0.00 | 28.32 0.97 0.00 | 30.36 1.04 0.00 | 31.58 1.19 0.00 | 30.71 1.24 0.00 | 32.22 1.19 0.00 | 35.06 1.08 0.00 | 30.80 0.78 0.00 | 31.43 0.69 0.00 | 30.26 0.66 0.00 | 35.83 0.78 0.00 | 41.46 0.98 0.00 | 41.24 1.12 0.00 | 38.51 1.41 0.00 | 39.31 1.66 0.00 | 40.38 1.97 0.00 | 62.63 2.86 0.00 | 37.96 1.87 0.00 | 33.70 1.74 0.00 | 32.14 1.75 0.00 | 33.32 1.70 0.00 |
| NCHELSEA_115KV_TR2 355582 | 30.41 1.46 0.00 | 28.59 1.26 0.00 | 28.47 1.05 0.00 | 28.01 0.89 0.00 | 28.21 0.86 0.00 | 30.28 0.96 0.00 | 31.77 1.38 0.00 | 31.17 1.70 0.00 | 32.86 1.82 0.00 | 36.10 2.11 0.00 | 31.91 1.89 0.00 | 32.79 2.06 0.00 | 31.62 2.02 0.00 | 37.49 2.44 0.00 | 43.21 2.74 0.00 | 42.97 2.84 0.00 | 40.10 3.01 0.00 | 40.58 2.93 0.00 | 41.14 2.72 0.00 | 63.03 3.26 0.00 | 38.13 2.05 0.00 | 33.83 1.86 0.00 | 32.18 1.78 0.00 | 33.42 1.80 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 30.68 1.73 0.00 | 28.89 1.55 0.00 | 28.89 1.46 0.00 | 28.50 1.37 0.00 | 28.71 1.36 0.00 | 30.79 1.47 0.00 | 32.10 1.71 0.00 | 31.24 1.77 0.00 | 33.00 1.78 0.00 | 36.16 1.82 -0.19 | 31.98 1.42 -0.35 | 32.57 1.39 -0.45 | 32.02 1.36 -1.07 | 36.59 1.53 0.00 | 42.32 1.84 0.00 | 42.11 1.99 0.00 | 39.26 2.17 0.00 | 39.98 2.33 0.00 | 40.98 2.56 0.00 | 63.36 3.59 0.00 | 38.49 2.41 0.00 | 34.12 2.16 0.00 | 32.34 1.95 0.00 | 33.65 2.03 0.00 |

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| NEG CENTRAL_HIGH_ACRES 23767 | 28.25 -0.71 0.00 | 26.46 -0.87 0.00 | 26.40 -1.04 0.00 | 25.99 -1.14 0.00 | 26.25 -1.09 0.00 | 28.24 -1.08 0.00 | 29.24 -1.15 0.00 | 28.47 -1.00 0.00 | 29.86 -1.17 0.00 | 32.98 -1.01 0.00 | 29.17 -0.86 0.00 | 30.04 -0.69 0.00 | 29.26 -0.33 0.00 | 34.63 -0.42 0.00 | 40.12 -0.36 0.00 | 39.58 -0.55 0.00 | 36.66 -0.44 0.00 | 37.30 -0.35 0.00 | 38.01 -0.40 0.00 | 59.19 -0.58 0.00 | 35.60 -0.49 0.00 | 31.38 -0.58 0.00 | 29.70 -0.70 0.00 | 30.76 -0.86 0.00 |
| NEG CENTRAL____DRP 24199 | 29.02 0.07 0.00 | 27.23 -0.11 0.00 | 27.21 -0.22 0.00 | 26.80 -0.33 0.00 | 27.07 -0.28 0.00 | 29.11 -0.20 0.00 | 30.24 -0.15 0.00 | 29.42 -0.05 0.00 | 30.79 -0.24 0.00 | 33.89 -0.10 0.00 | 29.78 -0.25 0.00 | 30.56 -0.18 0.00 | 29.74 0.15 0.00 | 35.27 0.22 0.00 | 40.89 0.41 0.00 | 40.40 0.28 0.00 | 37.48 0.39 0.00 | 38.17 0.53 0.00 | 39.00 0.58 0.00 | 60.56 0.79 0.00 | 36.37 0.29 0.00 | 32.12 0.16 0.00 | 30.43 0.03 0.00 | 31.50 -0.11 0.00 |
| NEG CENTRAL____INDECK 23768 | 29.31 0.36 0.00 | 27.36 0.03 0.00 | 27.27 -0.16 0.00 | 26.77 -0.36 0.00 | 27.08 -0.27 0.00 | 29.16 -0.16 0.00 | 30.24 -0.15 0.00 | 29.53 0.05 0.00 | 30.45 -0.58 0.00 | 33.68 -0.30 0.00 | 29.79 -0.24 0.00 | 30.68 -0.05 0.00 | 30.00 0.40 0.00 | 35.47 0.42 0.00 | 41.32 0.84 0.00 | 40.88 0.76 0.00 | 37.75 0.65 0.00 | 38.66 1.01 0.00 | 39.34 0.93 0.00 | 61.34 1.57 0.00 | 36.85 0.76 0.00 | 32.43 0.46 0.00 | 30.64 0.25 0.00 | 31.64 0.02 0.00 |
| NEG CENTRAL____SENECA 23627 | 28.95 0.00 0.00 | 27.14 -0.20 0.00 | 27.10 -0.33 0.00 | 26.69 -0.44 0.00 | 26.96 -0.39 0.00 | 29.02 -0.30 0.00 | 30.16 -0.23 0.00 | 29.41 -0.06 0.00 | 30.74 -0.29 0.00 | 33.90 -0.09 0.00 | 29.78 -0.25 0.00 | 30.57 -0.16 0.00 | 29.84 0.25 0.00 | 35.33 0.28 0.00 | 41.00 0.52 0.00 | 40.46 0.34 0.00 | 37.51 0.41 0.00 | 38.22 0.57 0.00 | 39.03 0.62 0.00 | 60.64 0.86 0.00 | 36.37 0.29 0.00 | 32.11 0.14 0.00 | 30.40 0.00 0.00 | 31.42 -0.19 0.00 |
| NEG CENTRAL____STATE_STREET 24147 | 29.25 0.30 0.00 | 27.50 0.16 0.00 | 27.51 0.08 0.00 | 27.05 -0.08 0.00 | 27.35 0.00 0.00 | 29.42 0.10 0.00 | 30.53 0.14 0.00 | 29.55 0.07 0.00 | 30.95 -0.08 0.00 | 34.02 0.04 0.00 | 29.86 -0.16 0.00 | 30.64 -0.09 0.00 | 29.73 0.14 0.00 | 35.40 0.35 0.00 | 40.99 0.51 0.00 | 40.47 0.35 0.00 | 37.70 0.61 0.00 | 38.38 0.73 0.00 | 39.29 0.88 0.00 | 60.85 1.08 0.00 | 36.59 0.50 0.00 | 32.43 0.47 0.00 | 30.73 0.33 0.00 | 31.90 0.28 0.00 |
| NEG MILLWOOD____DRP 24198 | 30.52 1.57 0.00 | 28.69 1.36 0.00 | 28.56 1.13 0.00 | 28.08 0.95 0.00 | 28.28 0.93 0.00 | 30.36 1.04 0.00 | 31.84 1.45 0.00 | 31.24 1.77 0.00 | 33.32 1.91 -0.37 | 36.90 2.24 -0.68 | 33.07 2.01 -1.04 | 33.81 2.19 -0.88 | 33.90 2.21 -2.10 | 37.75 2.70 0.00 | 43.50 3.02 0.00 | 43.24 3.12 0.00 | 40.36 3.27 0.00 | 40.82 3.17 0.00 | 41.34 2.93 0.00 | 63.32 3.55 0.00 | 38.30 2.21 0.00 | 33.97 2.00 0.00 | 32.32 1.93 0.00 | 33.55 1.93 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 29.73 0.77 0.00 | 28.05 0.71 0.00 | 28.18 0.74 0.00 | 28.12 0.99 0.00 | 28.52 1.17 0.00 | 30.63 1.31 0.00 | 31.89 1.50 0.00 | 30.84 1.37 0.00 | 32.61 1.58 0.00 | 35.49 1.50 0.00 | 31.57 1.54 0.00 | 32.08 1.35 0.00 | 30.59 0.99 0.00 | 36.20 1.14 0.00 | 41.93 1.45 0.00 | 41.57 1.45 0.00 | 37.85 0.76 0.00 | 38.46 0.81 0.00 | 39.36 0.94 0.00 | 61.65 1.88 0.00 | 37.21 1.13 0.00 | 32.56 0.60 0.00 | 30.82 0.42 0.00 | 31.83 0.20 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 29.01 0.05 0.00 | 27.47 0.13 0.00 | 27.64 0.21 0.00 | 27.62 0.49 0.00 | 27.94 0.60 0.00 | 29.97 0.65 0.00 | 31.05 0.66 0.00 | 30.02 0.54 0.00 | 31.78 0.75 0.00 | 34.62 0.64 0.00 | 30.71 0.68 0.00 | 31.27 0.53 0.00 | 29.83 0.24 0.00 | 35.29 0.24 0.00 | 40.86 0.38 0.00 | 40.50 0.38 0.00 | 37.01 -0.08 0.00 | 37.67 0.02 0.00 | 38.60 0.19 0.00 | 60.65 0.88 0.00 | 36.50 0.41 0.00 | 32.01 0.04 0.00 | 30.27 -0.12 0.00 | 31.29 -0.33 0.00 |
| NEG NORTH____ALICE_FALLS 23915 | 29.82 0.87 0.00 | 28.14 0.81 0.00 | 28.26 0.84 0.00 | 28.19 1.06 0.00 | 28.60 1.26 0.00 | 30.73 1.41 0.00 | 32.01 1.62 0.00 | 30.99 1.51 0.00 | 32.75 1.72 0.00 | 35.61 1.63 0.00 | 31.64 1.61 0.00 | 32.21 1.48 0.00 | 30.68 1.09 0.00 | 36.30 1.25 0.00 | 42.07 1.60 0.00 | 41.73 1.61 0.00 | 38.03 0.94 0.00 | 38.66 1.01 0.00 | 39.55 1.14 0.00 | 61.90 2.12 0.00 | 37.40 1.31 0.00 | 32.73 0.76 0.00 | 30.98 0.58 0.00 | 31.96 0.34 0.00 |
| NEG NORTH____LWR_SARANAC 23913 | 29.82 0.87 0.00 | 28.14 0.81 0.00 | 28.26 0.84 0.00 | 28.19 1.06 0.00 | 28.60 1.26 0.00 | 30.73 1.41 0.00 | 32.01 1.62 0.00 | 30.99 1.51 0.00 | 32.75 1.72 0.00 | 35.61 1.63 0.00 | 31.64 1.61 0.00 | 32.21 1.48 0.00 | 30.68 1.09 0.00 | 36.30 1.25 0.00 | 42.07 1.60 0.00 | 41.73 1.61 0.00 | 38.03 0.94 0.00 | 38.66 1.01 0.00 | 39.55 1.14 0.00 | 61.90 2.12 0.00 | 37.40 1.31 0.00 | 32.73 0.76 0.00 | 30.98 0.58 0.00 | 31.96 0.34 0.00 |
| NEG NORTH____PLATTSBURG 23628 | 29.82 0.87 0.00 | 28.14 0.81 0.00 | 28.26 0.84 0.00 | 28.19 1.06 0.00 | 28.60 1.26 0.00 | 30.72 1.41 0.00 | 32.01 1.62 0.00 | 30.99 1.51 0.00 | 32.75 1.72 0.00 | 35.61 1.63 0.00 | 31.64 1.61 0.00 | 32.21 1.48 0.00 | 30.68 1.09 0.00 | 36.30 1.25 0.00 | 42.07 1.60 0.00 | 41.73 1.61 0.00 | 38.03 0.94 0.00 | 38.66 1.01 0.00 | 39.55 1.14 0.00 | 61.89 2.12 0.00 | 37.40 1.31 0.00 | 32.72 0.76 0.00 | 30.98 0.58 0.00 | 31.96 0.34 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 27.92 -1.04 0.00 | 26.02 -1.31 0.00 | 25.87 -1.56 0.00 | 25.41 -1.72 0.00 | 25.70 -1.65 0.00 | 27.66 -1.66 0.00 | 28.50 -1.89 0.00 | 27.87 -1.60 0.00 | 29.18 -1.85 0.00 | 32.48 -1.50 0.00 | 28.69 -1.34 0.00 | 29.62 -1.11 0.00 | 29.01 -0.58 0.00 | 34.10 -0.95 0.00 | 39.43 -1.05 0.00 | 38.48 -1.64 0.00 | 35.53 -1.57 0.00 | 36.16 -1.49 0.00 | 36.87 -1.54 0.00 | 57.84 -1.94 0.00 | 34.82 -1.27 0.00 | 30.64 -1.32 0.00 | 29.00 -1.40 0.00 | 30.04 -1.59 0.00 |
| NEG WEST____LANCASTR 23811 | 28.26 -0.69 0.00 | 26.37 -0.96 0.00 | 26.30 -1.13 0.00 | 25.82 -1.31 0.00 | 26.07 -1.28 0.00 | 28.10 -1.22 0.00 | 29.06 -1.33 0.00 | 28.47 -1.00 0.00 | 29.78 -1.25 0.00 | 33.15 -0.83 0.00 | 29.21 -0.82 0.00 | 30.14 -0.59 0.00 | 29.54 -0.05 0.00 | 34.82 -0.23 0.00 | 40.37 -0.10 0.00 | 39.37 -0.75 0.00 | 36.22 -0.88 0.00 | 36.81 -0.84 0.00 | 37.42 -1.00 0.00 | 58.58 -1.20 0.00 | 35.16 -0.92 0.00 | 31.00 -0.97 0.00 | 29.38 -1.02 0.00 | 30.42 -1.20 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 29.18 0.23 0.00 | 27.44 0.10 0.00 | 27.47 0.04 0.00 | 27.07 -0.05 0.00 | 27.30 -0.05 0.00 | 29.35 0.03 0.00 | 30.51 0.12 0.00 | 29.74 0.27 0.00 | 31.17 0.14 0.00 | 34.29 0.30 0.00 | 30.23 0.20 0.00 | 31.01 0.28 0.00 | 30.10 0.50 0.00 | 35.65 0.60 0.00 | 41.24 0.77 0.00 | 40.80 0.68 0.00 | 37.83 0.74 0.00 | 38.38 0.73 0.00 | 39.10 0.69 0.00 | 60.63 0.86 0.00 | 36.49 0.40 0.00 | 32.31 0.35 0.00 | 30.66 0.26 0.00 | 31.82 0.20 0.00 |
| NEG____GEN_MONROE 24207 | 28.84 -0.11 0.00 | 26.95 -0.38 0.00 | 26.85 -0.58 0.00 | 26.40 -0.73 0.00 | 26.67 -0.68 0.00 | 28.71 -0.61 0.00 | 29.68 -0.71 0.00 | 28.96 -0.51 0.00 | 30.32 -0.71 0.00 | 33.54 -0.44 0.00 | 29.65 -0.38 0.00 | 30.55 -0.18 0.00 | 29.81 0.21 0.00 | 35.22 0.17 0.00 | 40.84 0.36 0.00 | 40.28 0.16 0.00 | 37.35 0.26 0.00 | 37.99 0.34 0.00 | 38.71 0.29 0.00 | 60.41 0.64 0.00 | 36.34 0.26 0.00 | 32.01 0.04 0.00 | 30.27 -0.13 0.00 | 31.32 -0.31 0.00 |

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| NEPA__ENERGY 23901 | 28.08 -0.87 0.00 | 26.28 -1.05 0.00 | 26.25 -1.18 0.00 | 25.65 -1.48 0.00 | 25.83 -1.52 0.00 | 27.88 -1.43 0.00 | 28.99 -1.40 0.00 | 28.50 -0.97 0.00 | 29.69 -1.34 0.00 | 33.16 -0.82 0.00 | 29.25 -0.78 0.00 | 30.17 -0.56 0.00 | 29.70 0.10 0.00 | 35.03 -0.02 0.00 | 40.70 0.22 0.00 | 39.77 -0.35 0.00 | 36.50 -0.59 0.00 | 36.96 -0.69 0.00 | 37.45 -0.96 0.00 | 58.44 -1.33 0.00 | 34.96 -1.13 0.00 | 30.90 -1.07 0.00 | 29.22 -1.18 0.00 | 30.26 -1.36 0.00 |
| NEVERSink__HYD 23608 | 29.61 0.66 0.00 | 27.82 0.49 0.00 | 27.73 0.30 0.00 | 27.28 0.15 0.00 | 27.47 0.12 0.00 | 29.49 0.17 0.00 | 30.83 0.44 0.00 | 30.17 0.70 0.00 | 31.54 0.76 0.25 | 34.47 0.95 0.47 | 30.13 0.81 0.71 | 31.06 0.93 0.60 | 29.27 1.08 1.41 | 35.81 0.76 0.00 | 41.33 0.86 0.00 | 41.13 1.01 0.00 | 38.42 1.33 0.00 | 39.06 1.42 0.00 | 39.70 1.29 0.00 | 60.98 1.21 0.00 | 36.79 0.70 0.00 | 32.52 0.55 0.00 | 30.86 0.47 0.00 | 32.03 0.41 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 29.39 0.44 0.00 | 27.74 0.41 0.00 | 27.76 0.33 0.00 | 27.37 0.24 0.00 | 27.57 0.22 0.00 | 29.54 0.22 0.00 | 30.74 0.35 0.00 | 29.94 0.47 0.00 | 31.70 0.48 -0.19 | 34.85 0.51 -0.35 | 30.97 0.40 -0.54 | 31.57 0.38 -0.46 | 31.05 0.39 -1.07 | 35.48 0.43 0.00 | 40.95 0.47 0.00 | 40.62 0.50 0.00 | 37.82 0.73 0.00 | 38.36 0.72 0.00 | 39.12 0.71 0.00 | 60.36 0.58 0.00 | 36.57 0.48 0.00 | 32.54 0.57 0.00 | 31.14 0.75 0.00 | 32.37 0.75 0.00 |
| NEWTON__FALLS_HYD 23847 | 28.26 -0.69 0.00 | 26.71 -0.62 0.00 | 26.91 -0.52 0.00 | 26.83 -0.30 0.00 | 27.11 -0.24 0.00 | 29.09 -0.22 0.00 | 30.14 -0.25 0.00 | 29.15 -0.32 0.00 | 30.69 -0.34 0.00 | 33.47 -0.52 0.00 | 29.55 -0.47 0.00 | 30.25 -0.48 0.00 | 28.85 -0.75 0.00 | 34.19 -0.86 0.00 | 39.62 -0.85 0.00 | 39.05 -1.07 0.00 | 35.87 -1.22 0.00 | 36.95 -0.70 0.00 | 37.96 -0.46 0.00 | 60.02 0.24 0.00 | 36.01 -0.07 0.00 | 31.55 -0.41 0.00 | 29.89 -0.51 0.00 | 31.26 -0.36 0.00 |
| NGRID_A1_DSASP 323792 | 27.36 -1.60 0.00 | 25.51 -1.82 0.00 | 25.36 -2.07 0.00 | 24.91 -2.22 0.00 | 25.21 -2.14 0.00 | 27.14 -2.18 0.00 | 27.91 -2.47 0.00 | 27.28 -2.19 0.00 | 28.56 -2.47 0.00 | 31.78 -2.20 0.00 | 28.10 -1.93 0.00 | 29.01 -1.72 0.00 | 28.37 -1.23 0.00 | 33.30 -1.75 0.00 | 38.43 -2.05 0.00 | 37.41 -2.71 0.00 | 34.53 -2.56 0.00 | 35.19 -2.46 0.00 | 35.92 -2.50 0.00 | 56.44 -3.34 0.00 | 33.99 -2.09 0.00 | 29.93 -2.03 0.00 | 28.37 -2.03 0.00 | 29.41 -2.21 0.00 |
| NGRID_A2_DSASP 323793 | 27.36 -1.60 0.00 | 25.51 -1.82 0.00 | 25.36 -2.07 0.00 | 24.91 -2.22 0.00 | 25.21 -2.14 0.00 | 27.14 -2.18 0.00 | 27.91 -2.47 0.00 | 27.28 -2.19 0.00 | 28.56 -2.47 0.00 | 31.78 -2.20 0.00 | 28.10 -1.93 0.00 | 29.01 -1.72 0.00 | 28.37 -1.23 0.00 | 33.30 -1.75 0.00 | 38.43 -2.05 0.00 | 37.41 -2.71 0.00 | 34.53 -2.56 0.00 | 35.19 -2.46 0.00 | 35.92 -2.50 0.00 | 56.44 -3.34 0.00 | 33.99 -2.09 0.00 | 29.93 -2.03 0.00 | 28.37 -2.03 0.00 | 29.41 -2.21 0.00 |
| NGRID_A4_DSASP 323807 | 27.36 -1.60 0.00 | 25.51 -1.82 0.00 | 25.36 -2.07 0.00 | 24.91 -2.22 0.00 | 25.21 -2.14 0.00 | 27.14 -2.18 0.00 | 27.91 -2.47 0.00 | 27.28 -2.19 0.00 | 28.56 -2.47 0.00 | 31.78 -2.20 0.00 | 28.10 -1.93 0.00 | 29.01 -1.72 0.00 | 28.37 -1.23 0.00 | 33.30 -1.75 0.00 | 38.43 -2.05 0.00 | 37.41 -2.71 0.00 | 34.53 -2.56 0.00 | 35.19 -2.46 0.00 | 35.92 -2.50 0.00 | 56.44 -3.34 0.00 | 33.99 -2.09 0.00 | 29.93 -2.03 0.00 | 28.37 -2.03 0.00 | 29.41 -2.21 0.00 |
| NIAGARA_115E_LBMP 323715 | 27.47 -1.48 0.00 | 25.61 -1.72 0.00 | 25.46 -1.97 0.00 | 25.01 -2.12 0.00 | 25.33 -2.02 0.00 | 27.25 -2.07 0.00 | 28.03 -2.36 0.00 | 27.40 -2.08 0.00 | 28.70 -2.33 0.00 | 31.92 -2.06 0.00 | 28.22 -1.81 0.00 | 29.14 -1.59 0.00 | 28.52 -1.08 0.00 | 33.46 -1.59 0.00 | 38.65 -1.83 0.00 | 37.64 -2.48 0.00 | 34.77 -2.32 0.00 | 35.42 -2.23 0.00 | 36.13 -2.29 0.00 | 56.74 -3.04 0.00 | 34.19 -1.90 0.00 | 30.10 -1.87 0.00 | 28.49 -1.91 0.00 | 29.54 -2.08 0.00 |
| NIAGARA_115W_LBMP 323714 | 27.30 -1.65 0.00 | 25.46 -1.87 0.00 | 25.32 -2.11 0.00 | 24.87 -2.26 0.00 | 25.17 -2.18 0.00 | 27.09 -2.23 0.00 | 27.86 -2.53 0.00 | 27.22 -2.25 0.00 | 28.51 -2.53 0.00 | 31.72 -2.26 0.00 | 28.05 -1.98 0.00 | 28.95 -1.78 0.00 | 28.31 -1.29 0.00 | 33.22 -1.83 0.00 | 38.35 -2.13 0.00 | 37.33 -2.79 0.00 | 34.45 -2.64 0.00 | 35.11 -2.54 0.00 | 35.84 -2.57 0.00 | 56.29 -3.48 0.00 | 33.92 -2.17 0.00 | 29.88 -2.09 0.00 | 28.32 -2.08 0.00 | 29.36 -2.26 0.00 |
| NIAGARA_230_LBMP 323716 | 27.56 -1.39 0.00 | 25.71 -1.63 0.00 | 25.58 -1.85 0.00 | 25.12 -2.01 0.00 | 25.42 -1.94 0.00 | 27.36 -1.95 0.00 | 28.17 -2.22 0.00 | 27.53 -1.95 0.00 | 28.81 -2.23 0.00 | 32.04 -1.94 0.00 | 28.31 -1.72 0.00 | 29.21 -1.53 0.00 | 28.55 -1.05 0.00 | 33.54 -1.51 0.00 | 38.75 -1.73 0.00 | 37.76 -2.36 0.00 | 34.87 -2.23 0.00 | 35.52 -2.13 0.00 | 36.25 -2.17 0.00 | 56.90 -2.87 0.00 | 34.24 -1.84 0.00 | 30.17 -1.80 0.00 | 28.59 -1.80 0.00 | 29.64 -1.98 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 27.31 -1.65 0.00 | 25.46 -1.88 0.00 | 25.32 -2.11 0.00 | 24.88 -2.25 0.00 | 25.17 -2.18 0.00 | 27.09 -2.23 0.00 | 27.86 -2.53 0.00 | 27.22 -2.25 0.00 | 28.52 -2.52 0.00 | 31.73 -2.25 0.00 | 28.03 -1.99 0.00 | 28.92 -1.81 0.00 | 28.30 -1.30 0.00 | 33.22 -1.83 0.00 | 38.35 -2.13 0.00 | 37.32 -2.80 0.00 | 34.45 -2.65 0.00 | 35.12 -2.53 0.00 | 35.84 -2.57 0.00 | 56.32 -3.46 0.00 | 33.93 -2.16 0.00 | 29.87 -2.09 0.00 | 28.31 -2.09 0.00 | 29.36 -2.26 0.00 |
| NIAGARA____ 23760 | 27.56 -1.39 0.00 | 25.71 -1.63 0.00 | 25.58 -1.85 0.00 | 25.12 -2.01 0.00 | 25.42 -1.94 0.00 | 27.36 -1.95 0.00 | 28.17 -2.22 0.00 | 27.53 -1.95 0.00 | 28.81 -2.23 0.00 | 32.04 -1.94 0.00 | 28.31 -1.72 0.00 | 29.21 -1.53 0.00 | 28.55 -1.05 0.00 | 33.54 -1.51 0.00 | 38.75 -1.73 0.00 | 37.76 -2.36 0.00 | 34.87 -2.23 0.00 | 35.52 -2.13 0.00 | 36.25 -2.17 0.00 | 56.90 -2.87 0.00 | 34.24 -1.84 0.00 | 30.17 -1.80 0.00 | 28.59 -1.80 0.00 | 29.64 -1.98 0.00 |
| NINE_MILE_1 23575 | 28.34 -0.62 0.00 | 26.68 -0.65 0.00 | 26.72 -0.71 0.00 | 26.38 -0.75 0.00 | 26.60 -0.75 0.00 | 28.55 -0.77 0.00 | 29.57 -0.82 0.00 | 28.65 -0.83 0.00 | 30.10 -0.93 0.00 | 33.03 -0.96 0.00 | 29.17 -0.86 0.00 | 29.91 -0.82 0.00 | 28.91 -0.68 0.00 | 34.25 -0.80 0.00 | 39.57 -0.91 0.00 | 39.18 -0.94 0.00 | 36.33 -0.76 0.00 | 36.90 -0.75 0.00 | 37.64 -0.77 0.00 | 58.46 -1.31 0.00 | 35.27 -0.81 0.00 | 31.23 -0.74 0.00 | 29.65 -0.75 0.00 | 30.83 -0.80 0.00 |
| NINE_MILE_2 23744 | 28.34 -0.62 0.00 | 26.68 -0.65 0.00 | 26.72 -0.71 0.00 | 26.38 -0.75 0.00 | 26.60 -0.75 0.00 | 28.56 -0.77 0.00 | 29.57 -0.82 0.00 | 28.65 -0.82 0.00 | 30.10 -0.93 0.00 | 33.03 -0.95 0.00 | 29.17 -0.85 0.00 | 29.91 -0.82 0.00 | 28.91 -0.68 0.00 | 34.25 -0.80 0.00 | 39.57 -0.90 0.00 | 39.18 -0.94 0.00 | 36.33 -0.76 0.00 | 36.90 -0.75 0.00 | 37.64 -0.77 0.00 | 58.46 -1.31 0.00 | 35.27 -0.81 0.00 | 31.23 -0.73 0.00 | 29.65 -0.75 0.00 | 30.83 -0.79 0.00 |
| NM_CAPITAL__DRP 24208 | 29.43 0.47 0.00 | 27.77 0.44 0.00 | 27.80 0.37 0.00 | 27.42 0.29 0.00 | 27.62 0.27 0.00 | 29.58 0.26 0.00 | 30.79 0.40 0.00 | 29.98 0.51 0.00 | 31.75 0.52 -0.20 | 34.91 0.56 -0.36 | 31.02 0.44 -0.55 | 31.61 0.41 -0.47 | 31.09 0.40 -1.10 | 35.49 0.44 0.00 | 40.93 0.45 0.00 | 40.60 0.48 0.00 | 37.81 0.71 0.00 | 38.34 0.69 0.00 | 39.10 0.68 0.00 | 60.32 0.54 0.00 | 36.57 0.48 0.00 | 32.54 0.57 0.00 | 31.13 0.73 0.00 | 32.37 0.75 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NM_CENTRAL___DRP 24181 | 28.89 -0.07 0.00 | 27.16 -0.17 0.00 | 27.18 -0.25 0.00 | 26.82 -0.31 0.00 | 27.04 -0.31 0.00 | 29.03 -0.29 0.00 | 30.11 -0.28 0.00 | 29.21 -0.26 0.00 | 30.68 -0.35 0.00 | 33.71 -0.28 0.00 | 29.77 -0.26 0.00 | 30.55 -0.18 0.00 | 29.60 0.00 0.00 | 35.08 0.03 0.00 | 40.53 0.05 0.00 | 40.13 0.01 0.00 | 37.26 0.17 0.00 | 37.87 0.22 0.00 | 38.62 0.21 0.00 | 59.92 0.15 0.00 | 36.13 0.05 0.00 | 31.99 0.03 0.00 | 30.34 -0.06 0.00 | 31.49 -0.12 0.00 |
| NM_FRONTIER___DRP 24179 | 27.31 -1.65 0.00 | 25.46 -1.88 0.00 | 25.32 -2.11 0.00 | 24.88 -2.25 0.00 | 25.17 -2.18 0.00 | 27.09 -2.23 0.00 | 27.86 -2.53 0.00 | 27.22 -2.25 0.00 | 28.52 -2.52 0.00 | 31.73 -2.25 0.00 | 28.03 -1.99 0.00 | 28.92 -1.81 0.00 | 28.30 -1.30 0.00 | 33.22 -1.83 0.00 | 38.35 -2.13 0.00 | 37.32 -2.80 0.00 | 34.45 -2.65 0.00 | 35.12 -2.53 0.00 | 35.84 -2.57 0.00 | 56.32 -3.46 0.00 | 33.93 -2.16 0.00 | 29.87 -2.09 0.00 | 28.31 -2.09 0.00 | 29.36 -2.26 0.00 |
| NM_ST_REGIS___HYD 24053 | 28.54 -0.41 0.00 | 27.04 -0.29 0.00 | 27.24 -0.19 0.00 | 27.24 0.10 0.00 | 27.53 0.18 0.00 | 29.51 0.19 0.00 | 30.49 0.10 0.00 | 29.45 -0.03 0.00 | 31.09 0.06 0.00 | 33.89 -0.09 0.00 | 29.99 -0.04 0.00 | 30.57 -0.17 0.00 | 29.14 -0.45 0.00 | 34.48 -0.57 0.00 | 39.82 -0.65 0.00 | 39.34 -0.78 0.00 | 35.83 -1.26 0.00 | 36.68 -0.97 0.00 | 37.55 -0.86 0.00 | 59.67 -0.10 0.00 | 35.87 -0.21 0.00 | 31.61 -0.35 0.00 | 30.07 -0.34 0.00 | 31.38 -0.24 0.00 |
| NORTHPORT___1 23551 | 39.57 1.69 -8.93 | 31.62 1.52 -2.77 | 28.59 1.16 0.00 | 28.08 0.95 0.00 | 28.26 0.91 0.00 | 30.48 1.16 0.00 | 31.89 1.50 0.00 | 31.05 1.57 0.00 | 33.76 1.54 -1.19 | 37.81 1.64 -2.18 | 35.02 1.67 -3.31 | 35.39 1.83 -2.83 | 38.01 1.82 -6.60 | 37.28 2.23 0.00 | 42.57 2.11 0.01 | 42.02 2.04 0.14 | 22.81 2.30 16.58 | 22.81 2.08 16.92 | 39.32 1.64 0.74 | 61.41 1.64 0.00 | 37.22 1.13 0.00 | 33.07 1.11 0.00 | 31.82 1.43 0.00 | 33.23 1.61 0.00 |
| NORTHPORT___2 23552 | 39.57 1.69 -8.93 | 31.62 1.52 -2.77 | 28.59 1.16 0.00 | 28.08 0.95 0.00 | 28.26 0.91 0.00 | 30.48 1.16 0.00 | 31.89 1.50 0.00 | 31.05 1.57 0.00 | 33.76 1.54 -1.19 | 37.81 1.64 -2.18 | 35.02 1.67 -3.31 | 35.39 1.83 -2.83 | 38.01 1.82 -6.60 | 37.28 2.23 0.00 | 42.57 2.11 0.01 | 42.02 2.04 0.14 | 22.81 2.30 16.58 | 22.81 2.08 16.92 | 39.32 1.64 0.74 | 61.41 1.64 0.00 | 37.22 1.13 0.00 | 33.07 1.11 0.00 | 31.82 1.43 0.00 | 33.23 1.61 0.00 |
| NORTHPORT___3 23553 | 39.69 1.81 -8.93 | 31.74 1.64 -2.77 | 28.71 1.29 0.00 | 28.19 1.06 0.00 | 28.37 1.02 0.00 | 30.58 1.26 0.00 | 31.98 1.59 0.00 | 31.10 1.63 0.00 | 33.82 1.59 -1.19 | 37.87 1.71 -2.18 | 35.06 1.72 -3.31 | 35.42 1.86 -2.83 | 38.04 1.84 -6.60 | 37.29 2.24 0.00 | 42.65 2.18 0.00 | 42.12 2.15 0.15 | 22.90 2.38 16.58 | 22.89 2.16 16.91 | 39.42 1.74 0.73 | 61.46 1.69 0.00 | 37.27 1.19 0.00 | 33.12 1.15 0.00 | 31.89 1.49 0.00 | 33.40 1.78 0.00 |
| NORTHPORT___4 23650 | 39.69 1.81 -8.93 | 31.74 1.64 -2.77 | 28.71 1.29 0.00 | 28.19 1.06 0.00 | 28.37 1.02 0.00 | 30.58 1.26 0.00 | 31.98 1.59 0.00 | 31.10 1.63 0.00 | 33.82 1.59 -1.19 | 37.87 1.71 -2.18 | 35.06 1.72 -3.31 | 35.42 1.86 -2.83 | 38.04 1.84 -6.60 | 37.29 2.24 0.00 | 42.65 2.18 0.00 | 42.12 2.15 0.15 | 22.90 2.38 16.58 | 22.89 2.16 16.91 | 39.42 1.74 0.73 | 61.46 1.69 0.00 | 37.27 1.19 0.00 | 33.12 1.15 0.00 | 31.89 1.49 0.00 | 33.40 1.78 0.00 |
| NORTHPORT___IC 23718 | 39.57 1.69 -8.93 | 31.62 1.52 -2.77 | 28.59 1.16 0.00 | 28.08 0.95 0.00 | 28.26 0.91 0.00 | 30.48 1.16 0.00 | 31.88 1.50 0.00 | 31.05 1.57 0.00 | 33.76 1.54 -1.19 | 37.80 1.64 -2.18 | 35.03 1.68 -3.31 | 35.41 1.85 -2.83 | 38.01 1.82 -6.60 | 37.28 2.23 0.00 | 42.58 2.11 0.01 | 42.02 2.04 0.14 | 22.81 2.30 16.58 | 22.81 2.08 16.92 | 39.32 1.64 0.74 | 61.41 1.64 0.00 | 37.22 1.13 0.00 | 33.07 1.11 0.00 | 31.82 1.43 0.00 | 33.23 1.61 0.00 |
| NORTH___COUNTRY_ESR 323785 | 28.94 -0.01 0.00 | 27.41 0.08 0.00 | 27.60 0.16 0.00 | 27.57 0.44 0.00 | 27.90 0.55 0.00 | 29.91 0.60 0.00 | 30.98 0.60 0.00 | 29.95 0.48 0.00 | 31.74 0.71 0.00 | 34.61 0.63 0.00 | 30.70 0.67 0.00 | 31.25 0.52 0.00 | 29.82 0.23 0.00 | 35.28 0.23 0.00 | 40.84 0.36 0.00 | 40.49 0.37 0.00 | 37.00 -0.10 0.00 | 37.63 -0.02 0.00 | 38.50 0.09 0.00 | 60.45 0.67 0.00 | 36.36 0.28 0.00 | 31.87 -0.09 0.00 | 30.17 -0.22 0.00 | 31.20 -0.43 0.00 |
| NPX_GEN_1385_PROXY 323591 | 39.31 1.43 -8.93 | 31.57 1.47 -2.77 | 28.43 1.00 0.00 | 28.08 0.95 0.00 | 28.33 0.97 0.00 | 30.71 1.40 0.00 | 31.92 1.53 0.00 | 31.07 1.60 0.00 | 33.62 1.39 -1.19 | 37.14 0.97 -2.18 | 34.89 1.55 -3.31 | 35.10 1.54 -2.83 | 37.65 1.46 -6.60 | 36.77 1.72 0.00 | 41.64 1.16 0.01 | 41.11 1.14 0.14 | 20.65 1.28 17.72 | 21.80 1.07 16.92 | 38.42 0.74 0.74 | 60.59 0.82 0.00 | 36.92 0.83 0.00 | 32.68 0.72 0.00 | 31.41 1.01 0.00 | 32.81 1.19 0.00 |
| NPX_GEN_CSC 323557 | 39.73 1.85 -8.93 | 31.70 1.60 -2.77 | 28.66 1.23 0.00 | 28.09 0.96 0.00 | 28.25 0.90 0.00 | 30.57 1.25 0.00 | 32.02 1.63 0.00 | 31.14 1.66 0.00 | 33.78 1.56 -1.19 | 37.91 1.74 -2.18 | 35.08 1.74 -3.31 | 35.52 1.97 -2.83 | 38.25 2.05 -6.60 | 37.65 2.60 0.00 | 43.09 2.61 0.00 | 42.55 2.43 0.00 | 38.75 2.80 1.14 | 40.25 2.60 0.00 | 39.82 2.13 0.72 | 62.07 2.30 0.00 | 37.55 1.47 0.00 | 33.34 1.38 0.00 | 32.06 1.66 0.00 | 33.36 1.74 0.00 |
| NSINS_S___GLNS_FALLS 23858 | 31.31 2.36 0.00 | 29.38 2.04 0.00 | 29.40 1.97 0.00 | 28.99 1.87 0.00 | 29.21 1.86 0.00 | 31.37 2.05 0.00 | 32.75 2.37 0.00 | 31.86 2.39 0.00 | 33.60 2.38 -0.19 | 36.69 2.37 -0.34 | 32.32 1.77 -0.52 | 32.89 1.72 -0.44 | 32.36 1.74 -1.03 | 36.98 1.92 0.00 | 42.80 2.32 0.00 | 42.77 2.65 0.00 | 39.83 2.73 0.00 | 40.69 3.04 0.00 | 41.95 3.53 0.00 | 64.92 5.15 0.00 | 39.76 3.68 0.00 | 35.14 3.17 0.00 | 33.04 2.64 0.00 | 34.45 2.83 0.00 |
| NUCOR_STEEL___DRP 24197 | 29.24 0.29 0.00 | 27.49 0.15 0.00 | 27.51 0.08 0.00 | 27.03 -0.10 0.00 | 27.34 -0.01 0.00 | 29.41 0.09 0.00 | 30.52 0.13 0.00 | 29.52 0.05 0.00 | 30.95 -0.08 0.00 | 34.01 0.03 0.00 | 29.85 -0.18 0.00 | 30.63 -0.10 0.00 | 29.71 0.11 0.00 | 35.39 0.34 0.00 | 40.97 0.49 0.00 | 40.42 0.29 0.00 | 37.67 0.58 0.00 | 38.34 0.69 0.00 | 39.21 0.80 0.00 | 60.71 0.93 0.00 | 36.53 0.44 0.00 | 32.40 0.44 0.00 | 30.71 0.32 0.00 | 31.90 0.28 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 28.81 -0.15 0.00 | 27.16 -0.17 0.00 | 27.34 -0.09 0.00 | 27.20 0.07 0.00 | 27.46 0.11 0.00 | 29.52 0.20 0.00 | 30.69 0.30 0.00 | 29.76 0.29 0.00 | 31.26 0.23 0.00 | 34.11 0.12 0.00 | 30.06 0.03 0.00 | 30.73 0.00 0.00 | 29.53 -0.07 0.00 | 35.01 -0.05 0.00 | 40.54 0.06 0.00 | 40.11 -0.02 0.00 | 37.10 0.01 0.00 | 38.02 0.38 0.00 | 39.12 0.70 0.00 | 61.33 1.56 0.00 | 36.86 0.78 0.00 | 32.07 0.11 0.00 | 30.21 -0.19 0.00 | 31.58 -0.04 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 28.95 0.00 0.00 | 27.33 0.00 0.00 | 27.43 0.00 0.00 | 27.13 0.00 0.00 | 27.35 0.00 0.00 | 29.32 0.00 0.00 | 30.39 0.00 0.00 | 29.47 0.00 0.00 | 31.03 0.00 0.00 | 33.98 0.00 0.00 | 30.03 0.00 0.00 | 30.73 0.00 0.00 | 29.59 0.00 0.00 | 35.05 0.00 0.00 | 40.48 0.00 0.00 | 40.12 0.00 0.00 | 37.09 0.00 0.00 | 37.65 0.00 0.00 | 38.41 0.00 0.00 | 59.77 0.00 0.00 | 36.08 0.00 0.00 | 31.96 0.00 0.00 | 30.40 0.00 0.00 | 31.62 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 40.01 2.13 -8.93 | 31.98 1.88 -2.77 | 28.94 1.52 0.00 | 28.41 1.28 0.00 | 28.58 1.23 0.00 | 30.82 1.50 0.00 | 32.27 1.89 0.00 | 31.48 2.01 0.00 | 34.24 2.01 -1.19 | 38.40 2.23 -2.18 | 35.54 2.19 -3.31 | 35.98 2.42 -2.83 | 38.65 2.46 -6.60 | 38.09 3.04 0.00 | 43.57 3.09 0.00 | 43.11 2.99 0.00 | 40.17 3.08 0.00 | 40.52 2.86 0.00 | 40.12 2.42 0.71 | 62.68 2.91 0.00 | 38.00 1.92 0.00 | 33.77 1.81 0.00 | 32.46 2.06 0.00 | 33.79 2.17 0.00 |
| NYPA_GOWANUS____GT5 24156 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.31 2.00 -3.29 | 35.76 2.24 -2.79 | 38.53 2.40 -6.54 | 38.00 2.94 -0.01 | 43.61 3.13 0.00 | 43.40 3.19 -0.09 | 40.83 3.38 -0.36 | 40.93 3.16 -0.12 | 41.25 2.84 0.00 | 63.00 3.23 0.00 | 38.24 2.15 0.00 | 34.00 2.04 0.00 | 36.21 2.03 -3.78 | 34.51 2.06 -0.83 |
| NYPA_GOWANUS____GT6 24157 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.13 1.00 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.31 2.00 -3.29 | 35.76 2.24 -2.79 | 38.53 2.40 -6.54 | 38.00 2.94 -0.01 | 43.61 3.13 0.00 | 43.40 3.19 -0.09 | 40.83 3.38 -0.36 | 40.93 3.16 -0.12 | 41.25 2.84 0.00 | 63.00 3.23 0.00 | 38.24 2.15 0.00 | 34.00 2.04 0.00 | 36.21 2.03 -3.78 | 34.51 2.06 -0.83 |
| NYPA_HARLEM__RVR__GT1 24160 | 30.52 1.56 0.00 | 28.68 1.34 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.23 0.88 0.00 | 30.28 0.96 0.00 | 31.79 1.40 0.00 | 31.17 1.69 0.00 | 34.06 1.84 -1.18 | 38.26 2.12 -2.16 | 35.14 1.82 -3.29 | 35.55 2.03 -2.79 | 38.28 2.15 -6.53 | 37.67 2.63 0.01 | 43.26 2.78 0.00 | 42.99 2.86 0.00 | 40.16 3.07 0.00 | 40.49 2.84 0.00 | 40.98 2.56 0.00 | 62.66 2.88 0.00 | 38.01 1.92 0.00 | 33.74 1.78 0.00 | 32.28 1.88 0.00 | 33.54 1.92 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 30.52 1.56 0.00 | 28.68 1.34 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.23 0.88 0.00 | 30.28 0.96 0.00 | 31.79 1.40 0.00 | 31.17 1.69 0.00 | 34.06 1.84 -1.18 | 38.26 2.12 -2.16 | 35.14 1.82 -3.29 | 35.55 2.03 -2.79 | 38.28 2.15 -6.53 | 37.67 2.63 0.01 | 43.26 2.78 0.00 | 42.99 2.86 0.00 | 40.16 3.07 0.00 | 40.49 2.84 0.00 | 40.98 2.56 0.00 | 62.66 2.88 0.00 | 38.01 1.92 0.00 | 33.74 1.78 0.00 | 32.28 1.88 0.00 | 33.54 1.92 0.00 |
| NYPA_KENT____GT 24152 | 30.61 1.66 0.00 | 28.77 1.44 0.00 | 28.60 1.17 0.00 | 28.10 0.97 0.00 | 28.29 0.94 0.00 | 30.37 1.05 0.00 | 31.87 1.48 0.00 | 31.26 1.78 0.00 | 34.17 1.96 -1.18 | 38.42 2.27 -2.16 | 35.29 1.98 -3.29 | 35.72 2.20 -2.79 | 38.48 2.35 -6.54 | 37.93 2.87 0.00 | 43.52 3.04 0.00 | 43.29 3.12 -0.05 | 40.60 3.30 -0.21 | 40.80 3.09 -0.07 | 41.18 2.77 0.00 | 62.92 3.15 0.00 | 38.17 2.09 0.00 | 33.95 1.98 0.00 | 34.61 1.99 -2.22 | 34.13 2.03 -0.48 |
| NYPA_POUCH1____GT 24155 | 30.55 1.60 0.00 | 28.72 1.39 0.00 | 28.55 1.13 0.00 | 28.06 0.93 0.00 | 28.23 0.88 0.00 | 30.31 0.99 0.00 | 31.79 1.41 0.00 | 31.16 1.69 0.00 | 34.05 1.83 -1.18 | 38.29 2.14 -2.16 | 35.20 1.89 -3.29 | 35.67 2.15 -2.79 | 38.44 2.32 -6.54 | 37.89 2.83 -0.01 | 43.46 2.98 0.00 | 43.28 3.07 -0.09 | 40.74 3.28 -0.36 | 40.84 3.08 -0.12 | 41.13 2.72 0.00 | 62.80 3.02 0.00 | 38.13 2.05 0.00 | 33.91 1.94 0.00 | 36.11 1.94 -3.78 | 34.41 1.97 -0.83 |
| NYPA_VERNON____GT2 24162 | 30.58 1.63 0.00 | 28.74 1.41 0.00 | 28.58 1.15 0.00 | 28.08 0.95 0.00 | 28.27 0.92 0.00 | 30.34 1.03 0.00 | 31.85 1.46 0.00 | 31.24 1.77 0.00 | 34.16 1.95 -1.18 | 38.41 2.27 -2.16 | 35.30 1.98 -3.29 | 35.71 2.19 -2.79 | 38.45 2.33 -6.54 | 37.88 2.83 0.00 | 43.47 2.99 0.00 | 43.20 3.07 -0.02 | 40.41 3.25 -0.06 | 40.71 3.04 -0.02 | 41.14 2.73 0.00 | 62.88 3.11 0.00 | 38.15 2.06 0.00 | 33.91 1.95 0.00 | 33.01 1.95 -0.66 | 33.75 1.98 -0.14 |
| NYPA_VERNON____GT3 24163 | 30.58 1.63 0.00 | 28.74 1.41 0.00 | 28.58 1.15 0.00 | 28.08 0.95 0.00 | 28.27 0.92 0.00 | 30.34 1.03 0.00 | 31.85 1.46 0.00 | 31.24 1.77 0.00 | 34.16 1.95 -1.18 | 38.41 2.27 -2.16 | 35.30 1.98 -3.29 | 35.71 2.19 -2.79 | 38.45 2.33 -6.54 | 37.88 2.83 0.00 | 43.47 2.99 0.00 | 43.20 3.07 -0.02 | 40.41 3.25 -0.06 | 40.71 3.04 -0.02 | 41.14 2.73 0.00 | 62.88 3.11 0.00 | 38.15 2.06 0.00 | 33.91 1.95 0.00 | 33.01 1.95 -0.66 | 33.75 1.98 -0.14 |
| NYPA__ASTORIA_CC1 323568 | 30.54 1.58 0.00 | 28.70 1.37 0.00 | 28.53 1.10 0.00 | 28.04 0.91 0.00 | 28.23 0.87 0.00 | 30.29 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.71 0.00 | 34.10 1.89 -1.18 | 38.34 2.20 -2.16 | 35.24 1.93 -3.29 | 35.65 2.13 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.37 2.90 0.00 | 43.09 2.97 0.00 | 40.27 3.17 0.00 | 40.60 2.95 0.00 | 41.06 2.64 0.00 | 62.76 2.98 0.00 | 38.08 2.00 0.00 | 33.86 1.89 0.00 | 32.30 1.90 0.00 | 33.54 1.92 0.00 |
| NYPA__ASTORIA_CC2 323569 | 30.54 1.58 0.00 | 28.70 1.37 0.00 | 28.53 1.10 0.00 | 28.04 0.91 0.00 | 28.23 0.87 0.00 | 30.29 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.71 0.00 | 34.10 1.89 -1.18 | 38.34 2.20 -2.16 | 35.24 1.93 -3.29 | 35.65 2.13 -2.79 | 38.39 2.26 -6.54 | 37.81 2.76 0.00 | 43.37 2.90 0.00 | 43.09 2.97 0.00 | 40.27 3.17 0.00 | 40.60 2.95 0.00 | 41.06 2.64 0.00 | 62.76 2.98 0.00 | 38.08 2.00 0.00 | 33.86 1.89 0.00 | 32.30 1.90 0.00 | 33.54 1.92 0.00 |
| NYPA__HOLTSVILL 23794 | 39.71 1.83 -8.93 | 31.72 1.61 -2.77 | 28.69 1.26 0.00 | 28.15 1.02 0.00 | 28.31 0.96 0.00 | 30.54 1.23 0.00 | 31.99 1.60 0.00 | 31.17 1.70 0.00 | 33.91 1.68 -1.19 | 38.03 1.86 -2.18 | 35.19 1.84 -3.31 | 35.63 2.07 -2.83 | 38.32 2.13 -6.60 | 37.69 2.64 0.00 | 43.09 2.61 0.00 | 42.59 2.47 0.00 | 39.84 2.74 0.00 | 40.18 2.53 0.00 | 39.77 2.08 0.72 | 62.06 2.29 0.00 | 37.57 1.48 0.00 | 33.39 1.43 0.00 | 32.12 1.72 0.00 | 33.45 1.83 0.00 |
| NYPA__HELLGATE_GT1 24158 | 30.52 1.56 0.00 | 28.68 1.34 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.23 0.88 0.00 | 30.28 0.96 0.00 | 31.79 1.40 0.00 | 31.16 1.69 0.00 | 34.06 1.84 -1.18 | 38.25 2.11 -2.16 | 35.16 1.84 -3.29 | 35.58 2.06 -2.79 | 38.30 2.17 -6.53 | 37.68 2.64 0.01 | 43.26 2.78 0.00 | 42.99 2.86 0.00 | 40.16 3.07 0.00 | 40.49 2.84 0.00 | 40.98 2.56 0.00 | 62.66 2.88 0.00 | 38.01 1.92 0.00 | 33.74 1.78 0.00 | 32.28 1.88 0.00 | 33.54 1.92 0.00 |
| NYPA__HELLGATE_GT2 24159 | 30.52 1.56 0.00 | 28.68 1.34 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.23 0.88 0.00 | 30.28 0.96 0.00 | 31.79 1.40 0.00 | 31.16 1.69 0.00 | 34.06 1.84 -1.18 | 38.25 2.11 -2.16 | 35.16 1.84 -3.29 | 35.58 2.06 -2.79 | 38.30 2.17 -6.53 | 37.68 2.64 0.01 | 43.26 2.78 0.00 | 42.99 2.86 0.00 | 40.16 3.07 0.00 | 40.49 2.84 0.00 | 40.98 2.56 0.00 | 62.66 2.88 0.00 | 38.01 1.92 0.00 | 33.74 1.78 0.00 | 32.28 1.88 0.00 | 33.54 1.92 0.00 |
| NYS_BARGE__HYD 23848 | 27.95 -1.00 0.00 | 26.05 -1.28 0.00 | 25.89 -1.54 0.00 | 25.43 -1.70 0.00 | 25.73 -1.62 0.00 | 27.69 -1.62 0.00 | 28.53 -1.86 0.00 | 27.91 -1.56 0.00 | 29.22 -1.81 0.00 | 32.50 -1.48 0.00 | 28.74 -1.28 0.00 | 29.69 -1.05 0.00 | 29.07 -0.53 0.00 | 34.16 -0.89 0.00 | 39.51 -0.97 0.00 | 38.57 -1.55 0.00 | 35.62 -1.47 0.00 | 36.25 -1.40 0.00 | 36.96 -1.46 0.00 | 57.97 -1.80 0.00 | 34.90 -1.18 0.00 | 30.71 -1.25 0.00 | 29.06 -1.34 0.00 | 30.10 -1.53 0.00 |

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| OAK ORCHARD___HYD 24046 | 28.63 -0.32 0.00 | 26.78 -0.55 0.00 | 26.70 -0.73 0.00 | 26.27 -0.86 0.00 | 26.53 -0.82 0.00 | 28.56 -0.76 0.00 | 29.52 -0.87 0.00 | 28.78 -0.70 0.00 | 30.15 -0.88 0.00 | 33.36 -0.63 0.00 | 29.52 -0.51 0.00 | 30.42 -0.31 0.00 | 29.65 0.05 0.00 | 35.05 0.00 0.00 | 40.60 0.13 0.00 | 40.01 -0.11 0.00 | 37.06 -0.03 0.00 | 37.69 0.04 0.00 | 38.40 -0.02 0.00 | 59.88 0.10 0.00 | 36.02 -0.06 0.00 | 31.74 -0.23 0.00 | 30.05 -0.35 0.00 | 31.10 -0.52 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 29.09 0.14 0.00 | 27.37 0.03 0.00 | 27.40 -0.03 0.00 | 27.00 -0.12 0.00 | 27.24 -0.11 0.00 | 29.27 -0.05 0.00 | 30.41 0.02 0.00 | 29.63 0.16 0.00 | 31.08 0.05 0.00 | 34.18 0.19 0.00 | 30.13 0.11 0.00 | 30.90 0.17 0.00 | 29.98 0.39 0.00 | 35.51 0.46 0.00 | 41.06 0.59 0.00 | 40.62 0.50 0.00 | 37.65 0.56 0.00 | 38.18 0.53 0.00 | 38.91 0.50 0.00 | 60.33 0.55 0.00 | 36.32 0.24 0.00 | 32.17 0.20 0.00 | 30.53 0.13 0.00 | 31.69 0.07 0.00 |
| OCC_CHEM___DRP 24175 | 27.36 -1.59 0.00 | 25.51 -1.83 0.00 | 25.37 -2.06 0.00 | 24.92 -2.21 0.00 | 25.21 -2.14 0.00 | 27.14 -2.18 0.00 | 27.91 -2.47 0.00 | 27.28 -2.20 0.00 | 28.56 -2.47 0.00 | 31.80 -2.19 0.00 | 28.09 -1.94 0.00 | 28.98 -1.75 0.00 | 28.36 -1.23 0.00 | 33.30 -1.76 0.00 | 38.44 -2.04 0.00 | 37.41 -2.71 0.00 | 34.53 -2.56 0.00 | 35.20 -2.45 0.00 | 35.92 -2.49 0.00 | 56.44 -3.33 0.00 | 34.00 -2.08 0.00 | 29.93 -2.03 0.00 | 28.37 -2.03 0.00 | 29.41 -2.21 0.00 |
| OH_GEN_PROXY 24063 | 27.58 -1.38 0.00 | 25.72 -1.61 0.00 | 25.61 -1.82 0.00 | 25.15 -1.98 0.00 | 25.44 -1.91 0.00 | 27.39 -1.93 0.00 | 28.22 -2.17 0.00 | 27.58 -1.89 0.00 | 28.87 -2.16 0.00 | 32.10 -1.89 0.00 | 28.35 -1.67 0.00 | 29.25 -1.49 0.00 | 28.58 -1.02 0.00 | 33.60 -1.45 0.00 | 38.83 -1.65 0.00 | 37.86 -2.26 0.00 | 33.81 -2.15 1.14 | 35.61 -2.04 0.00 | 36.32 -2.09 0.00 | 57.01 -2.76 0.00 | 34.29 -1.79 0.00 | 30.22 -1.74 0.00 | 28.65 -1.75 0.00 | 29.69 -1.94 0.00 |
| OLIN_CORP_DRP 24177 | 27.51 -1.44 0.00 | 25.64 -1.69 0.00 | 25.50 -1.93 0.00 | 25.05 -2.08 0.00 | 25.35 -2.00 0.00 | 27.28 -2.04 0.00 | 28.06 -2.32 0.00 | 27.43 -2.05 0.00 | 28.74 -2.30 0.00 | 31.97 -2.02 0.00 | 28.24 -1.79 0.00 | 29.14 -1.59 0.00 | 28.54 -1.06 0.00 | 33.51 -1.55 0.00 | 38.70 -1.78 0.00 | 37.69 -2.44 0.00 | 34.82 -2.28 0.00 | 35.47 -2.18 0.00 | 36.18 -2.23 0.00 | 56.80 -2.97 0.00 | 34.23 -1.85 0.00 | 30.14 -1.82 0.00 | 28.53 -1.87 0.00 | 29.58 -2.05 0.00 |
| OLIN_CORP_DSASP 323712 | 27.36 -1.60 0.00 | 25.51 -1.82 0.00 | 25.36 -2.07 0.00 | 24.91 -2.22 0.00 | 25.21 -2.14 0.00 | 27.14 -2.18 0.00 | 27.91 -2.47 0.00 | 27.28 -2.19 0.00 | 28.56 -2.47 0.00 | 31.78 -2.20 0.00 | 28.10 -1.93 0.00 | 29.01 -1.72 0.00 | 28.37 -1.23 0.00 | 33.30 -1.75 0.00 | 38.43 -2.05 0.00 | 37.41 -2.71 0.00 | 34.53 -2.56 0.00 | 35.19 -2.46 0.00 | 35.92 -2.50 0.00 | 56.44 -3.34 0.00 | 33.99 -2.09 0.00 | 29.93 -2.03 0.00 | 28.37 -2.03 0.00 | 29.41 -2.21 0.00 |
| ONEIDA_HERK_LFGE 323681 | 29.33 0.38 0.00 | 27.63 0.30 0.00 | 27.73 0.30 0.00 | 27.45 0.32 0.00 | 27.69 0.34 0.00 | 29.75 0.43 0.00 | 30.92 0.53 0.00 | 30.02 0.54 0.00 | 31.52 0.49 0.00 | 34.48 0.49 0.00 | 30.40 0.38 0.00 | 31.12 0.39 0.00 | 30.00 0.41 0.00 | 35.57 0.52 0.00 | 41.15 0.68 0.00 | 40.76 0.64 0.00 | 37.79 0.70 0.00 | 38.56 0.92 0.00 | 39.53 1.12 0.00 | 61.65 1.87 0.00 | 37.14 1.06 0.00 | 32.62 0.66 0.00 | 30.86 0.46 0.00 | 32.11 0.48 0.00 |
| ONEIDA___115KV_TB4 55905 | 29.71 0.76 0.00 | 27.96 0.62 0.00 | 28.00 0.56 0.00 | 27.64 0.51 0.00 | 27.86 0.51 0.00 | 29.95 0.63 0.00 | 31.13 0.74 0.00 | 30.22 0.75 0.00 | 31.69 0.66 0.00 | 34.66 0.68 0.00 | 30.57 0.54 0.00 | 31.32 0.59 0.00 | 30.29 0.70 0.00 | 35.92 0.87 0.00 | 41.56 1.08 0.00 | 41.21 1.09 0.00 | 38.24 1.15 0.00 | 38.96 1.31 0.00 | 39.85 1.44 0.00 | 61.99 2.22 0.00 | 37.44 1.35 0.00 | 33.00 1.04 0.00 | 31.26 0.86 0.00 | 32.43 0.81 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 29.00 0.04 0.00 | 27.27 -0.06 0.00 | 27.29 -0.14 0.00 | 26.93 -0.20 0.00 | 27.15 -0.20 0.00 | 29.14 -0.17 0.00 | 30.24 -0.15 0.00 | 29.33 -0.14 0.00 | 30.81 -0.23 0.00 | 33.84 -0.14 0.00 | 29.91 -0.12 0.00 | 30.71 -0.03 0.00 | 29.74 0.15 0.00 | 35.26 0.20 0.00 | 40.76 0.28 0.00 | 40.37 0.25 0.00 | 37.52 0.42 0.00 | 38.10 0.45 0.00 | 38.87 0.45 0.00 | 60.31 0.53 0.00 | 36.36 0.28 0.00 | 32.18 0.21 0.00 | 30.52 0.12 0.00 | 31.69 0.06 0.00 |
| ONONDAGA___COGEN 23986 | 29.11 0.15 0.00 | 27.37 0.04 0.00 | 27.40 -0.04 0.00 | 27.01 -0.12 0.00 | 27.26 -0.09 0.00 | 29.27 -0.05 0.00 | 30.36 -0.03 0.00 | 29.44 -0.03 0.00 | 30.90 -0.13 0.00 | 33.94 -0.04 0.00 | 29.94 -0.09 0.00 | 30.74 0.01 0.00 | 29.78 0.18 0.00 | 35.33 0.28 0.00 | 40.82 0.34 0.00 | 40.40 0.28 0.00 | 37.53 0.44 0.00 | 38.14 0.50 0.00 | 38.93 0.51 0.00 | 60.37 0.60 0.00 | 36.38 0.29 0.00 | 32.19 0.23 0.00 | 30.53 0.13 0.00 | 31.70 0.08 0.00 |
| ONTARIO___LFGE 23819 | 28.96 0.00 0.00 | 27.14 -0.20 0.00 | 27.10 -0.33 0.00 | 26.69 -0.44 0.00 | 26.96 -0.39 0.00 | 29.02 -0.30 0.00 | 30.16 -0.23 0.00 | 29.41 -0.06 0.00 | 30.74 -0.30 0.00 | 33.89 -0.09 0.00 | 29.79 -0.24 0.00 | 30.58 -0.15 0.00 | 29.84 0.25 0.00 | 35.33 0.28 0.00 | 40.99 0.51 0.00 | 40.46 0.34 0.00 | 37.51 0.41 0.00 | 38.22 0.57 0.00 | 39.03 0.62 0.00 | 60.64 0.86 0.00 | 36.37 0.28 0.00 | 32.11 0.14 0.00 | 30.40 0.00 0.00 | 31.42 -0.19 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 28.03 -0.92 0.00 | 26.14 -1.19 0.00 | 26.09 -1.34 0.00 | 25.56 -1.57 0.00 | 25.88 -1.47 0.00 | 27.82 -1.50 0.00 | 28.77 -1.62 0.00 | 28.13 -1.34 0.00 | 29.42 -1.61 0.00 | 32.83 -1.15 0.00 | 28.91 -1.12 0.00 | 29.85 -0.89 0.00 | 29.20 -0.39 0.00 | 34.45 -0.61 0.00 | 39.98 -0.49 0.00 | 39.14 -0.98 0.00 | 36.02 -1.07 0.00 | 36.48 -1.16 0.00 | 37.10 -1.31 0.00 | 57.84 -1.93 0.00 | 34.61 -1.47 0.00 | 30.45 -1.51 0.00 | 28.86 -1.54 0.00 | 29.86 -1.76 0.00 |
| ORANGEVILLE___ESR 323794 | 28.03 -0.92 0.00 | 26.14 -1.19 0.00 | 26.09 -1.34 0.00 | 25.56 -1.57 0.00 | 25.88 -1.47 0.00 | 27.82 -1.50 0.00 | 28.77 -1.62 0.00 | 28.13 -1.34 0.00 | 29.42 -1.61 0.00 | 32.83 -1.15 0.00 | 28.91 -1.12 0.00 | 29.85 -0.89 0.00 | 29.20 -0.39 0.00 | 34.45 -0.61 0.00 | 39.98 -0.49 0.00 | 39.14 -0.98 0.00 | 36.02 -1.07 0.00 | 36.48 -1.16 0.00 | 37.10 -1.31 0.00 | 57.84 -1.93 0.00 | 34.61 -1.47 0.00 | 30.45 -1.51 0.00 | 28.86 -1.54 0.00 | 29.86 -1.76 0.00 |
| OSWEGATCHIE___HYD 24044 | 28.26 -0.69 0.00 | 26.71 -0.62 0.00 | 26.91 -0.52 0.00 | 26.83 -0.30 0.00 | 27.11 -0.24 0.00 | 29.10 -0.22 0.00 | 30.14 -0.25 0.00 | 29.15 -0.32 0.00 | 30.69 -0.34 0.00 | 33.47 -0.52 0.00 | 29.55 -0.47 0.00 | 30.25 -0.48 0.00 | 28.85 -0.75 0.00 | 34.19 -0.86 0.00 | 39.62 -0.85 0.00 | 39.05 -1.07 0.00 | 35.87 -1.22 0.00 | 36.95 -0.70 0.00 | 37.96 -0.46 0.00 | 60.02 0.24 0.00 | 36.01 -0.07 0.00 | 31.55 -0.41 0.00 | 29.89 -0.51 0.00 | 31.26 -0.36 0.00 |
| OSWEGO___5 23606 | 28.51 -0.44 0.00 | 26.85 -0.49 0.00 | 26.88 -0.55 0.00 | 26.53 -0.60 0.00 | 26.76 -0.59 0.00 | 28.72 -0.60 0.00 | 29.76 -0.63 0.00 | 28.84 -0.63 0.00 | 30.30 -0.73 0.00 | 33.26 -0.73 0.00 | 29.37 -0.66 0.00 | 30.11 -0.62 0.00 | 29.12 -0.48 0.00 | 34.50 -0.55 0.00 | 39.87 -0.61 0.00 | 39.47 -0.66 0.00 | 36.59 -0.50 0.00 | 37.17 -0.48 0.00 | 37.94 -0.48 0.00 | 58.91 -0.87 0.00 | 35.54 -0.54 0.00 | 31.45 -0.51 0.00 | 29.86 -0.53 0.00 | 31.04 -0.59 0.00 |

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| OSWEGO___6 23613 | 28.51 -0.44 0.00 | 26.85 -0.49 0.00 | 26.88 -0.55 0.00 | 26.53 -0.60 0.00 | 26.76 -0.59 0.00 | 28.72 -0.60 0.00 | 29.76 -0.63 0.00 | 28.84 -0.63 0.00 | 30.30 -0.73 0.00 | 33.26 -0.73 0.00 | 29.37 -0.66 0.00 | 30.11 -0.62 0.00 | 29.12 -0.48 0.00 | 34.50 -0.55 0.00 | 39.87 -0.61 0.00 | 39.47 -0.66 0.00 | 36.59 -0.50 0.00 | 37.17 -0.48 0.00 | 37.94 -0.48 0.00 | 58.91 -0.87 0.00 | 35.54 -0.54 0.00 | 31.45 -0.51 0.00 | 29.86 -0.53 0.00 | 31.04 -0.59 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 28.09 -0.87 0.00 | 26.18 -1.15 0.00 | 26.01 -1.41 0.00 | 25.54 -1.59 0.00 | 25.82 -1.53 0.00 | 27.81 -1.51 0.00 | 28.65 -1.73 0.00 | 28.04 -1.43 0.00 | 29.37 -1.66 0.00 | 32.72 -1.26 0.00 | 28.94 -1.09 0.00 | 29.89 -0.85 0.00 | 29.31 -0.29 0.00 | 34.46 -0.59 0.00 | 39.84 -0.64 0.00 | 38.82 -1.30 0.00 | 35.81 -1.29 0.00 | 36.43 -1.23 0.00 | 37.14 -1.28 0.00 | 58.22 -1.55 0.00 | 35.04 -1.04 0.00 | 30.84 -1.13 0.00 | 29.17 -1.23 0.00 | 30.21 -1.41 0.00 |
| OXBOW___BTM 323836 | 27.74 -1.21 0.00 | 25.86 -1.47 0.00 | 25.70 -1.73 0.00 | 25.23 -1.90 0.00 | 25.53 -1.82 0.00 | 27.49 -1.83 0.00 | 28.29 -2.09 0.00 | 27.68 -1.80 0.00 | 28.98 -2.05 0.00 | 32.28 -1.70 0.00 | 28.57 -1.47 0.00 | 29.51 -1.22 0.00 | 28.90 -0.70 0.00 | 33.95 -1.10 0.00 | 39.22 -1.26 0.00 | 38.20 -1.93 0.00 | 35.23 -1.86 0.00 | 35.87 -1.78 0.00 | 36.59 -1.82 0.00 | 57.43 -2.35 0.00 | 34.57 -1.51 0.00 | 30.42 -1.54 0.00 | 28.80 -1.60 0.00 | 29.84 -1.78 0.00 |
| OXBOW____ 24026 | 27.75 -1.20 0.00 | 25.86 -1.47 0.00 | 25.71 -1.72 0.00 | 25.24 -1.89 0.00 | 25.53 -1.82 0.00 | 27.48 -1.83 0.00 | 28.29 -2.10 0.00 | 27.67 -1.80 0.00 | 28.99 -2.05 0.00 | 32.29 -1.69 0.00 | 28.55 -1.48 0.00 | 29.48 -1.25 0.00 | 28.89 -0.71 0.00 | 33.95 -1.10 0.00 | 39.22 -1.25 0.00 | 38.19 -1.93 0.00 | 35.23 -1.86 0.00 | 35.88 -1.77 0.00 | 36.59 -1.82 0.00 | 57.42 -2.35 0.00 | 34.57 -1.51 0.00 | 30.42 -1.54 0.00 | 28.80 -1.60 0.00 | 29.84 -1.78 0.00 |
| OXY_CHEM_DSASP 323612 | 27.36 -1.59 0.00 | 25.51 -1.83 0.00 | 25.37 -2.06 0.00 | 24.92 -2.21 0.00 | 25.21 -2.14 0.00 | 27.14 -2.18 0.00 | 27.91 -2.47 0.00 | 27.28 -2.20 0.00 | 28.56 -2.47 0.00 | 31.80 -2.19 0.00 | 28.09 -1.94 0.00 | 28.98 -1.75 0.00 | 28.36 -1.23 0.00 | 33.30 -1.76 0.00 | 38.44 -2.04 0.00 | 37.41 -2.71 0.00 | 34.53 -2.56 0.00 | 35.20 -2.45 0.00 | 35.92 -2.49 0.00 | 56.44 -3.33 0.00 | 34.00 -2.08 0.00 | 29.93 -2.03 0.00 | 28.37 -2.03 0.00 | 29.41 -2.21 0.00 |
| OZONE_PARK_ESR 323760 | 30.88 1.93 0.00 | 29.03 1.69 0.00 | 28.84 1.41 0.00 | 28.33 1.20 0.00 | 28.50 1.15 0.00 | 30.61 1.29 0.00 | 32.09 1.71 0.00 | 31.49 2.02 0.00 | 34.42 2.20 -1.18 | 38.75 2.60 -2.16 | 35.62 2.30 -3.29 | 36.04 2.52 -2.79 | 38.79 2.65 -6.54 | 38.29 3.24 0.00 | 43.98 3.51 0.00 | 43.71 3.59 0.00 | 40.82 3.72 0.00 | 41.19 3.54 0.00 | 41.66 3.25 0.00 | 63.71 3.94 0.00 | 38.65 2.57 0.00 | 34.33 2.37 0.00 | 32.70 2.30 0.00 | 33.95 2.34 0.00 |
| PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013 | 27.36 -1.59 0.00 | 25.51 -1.83 0.00 | 25.37 -2.06 0.00 | 24.92 -2.21 0.00 | 25.21 -2.14 0.00 | 27.14 -2.18 0.00 | 27.91 -2.47 0.00 | 27.28 -2.20 0.00 | 28.56 -2.47 0.00 | 31.80 -2.19 0.00 | 28.09 -1.94 0.00 | 28.98 -1.75 0.00 | 28.36 -1.23 0.00 | 33.30 -1.76 0.00 | 38.44 -2.04 0.00 | 37.41 -2.71 0.00 | 34.53 -2.56 0.00 | 35.20 -2.45 0.00 | 35.92 -2.49 0.00 | 56.44 -3.33 0.00 | 34.00 -2.08 0.00 | 29.93 -2.03 0.00 | 28.37 -2.03 0.00 | 29.41 -2.21 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 27.36 -1.59 0.00 | 25.51 -1.83 0.00 | 25.37 -2.06 0.00 | 24.92 -2.21 0.00 | 25.21 -2.14 0.00 | 27.14 -2.18 0.00 | 27.91 -2.47 0.00 | 27.28 -2.20 0.00 | 28.56 -2.47 0.00 | 31.80 -2.19 0.00 | 28.09 -1.94 0.00 | 28.98 -1.75 0.00 | 28.36 -1.23 0.00 | 33.30 -1.76 0.00 | 38.44 -2.04 0.00 | 37.41 -2.71 0.00 | 34.53 -2.56 0.00 | 35.20 -2.45 0.00 | 35.92 -2.49 0.00 | 56.44 -3.33 0.00 | 34.00 -2.08 0.00 | 29.93 -2.03 0.00 | 28.37 -2.03 0.00 | 29.41 -2.21 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 30.48 1.53 0.00 | 28.66 1.33 0.00 | 28.52 1.09 0.00 | 28.02 0.89 0.00 | 28.23 0.88 0.00 | 30.29 0.97 0.00 | 31.78 1.40 0.00 | 31.14 1.67 0.00 | 34.02 1.80 -1.18 | 38.20 2.05 -2.16 | 35.13 1.81 -3.29 | 35.53 2.01 -2.79 | 38.25 2.12 -6.54 | 37.62 2.57 0.00 | 43.20 2.73 0.00 | 42.94 2.82 0.00 | 40.11 3.01 0.00 | 40.45 2.80 0.00 | 40.95 2.54 0.00 | 62.63 2.86 0.00 | 38.00 1.92 0.00 | 33.76 1.80 0.00 | 32.24 1.84 0.00 | 33.49 1.87 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 30.67 1.71 0.00 | 28.84 1.51 0.00 | 28.71 1.28 0.00 | 28.22 1.09 0.00 | 28.45 1.10 0.00 | 30.51 1.19 0.00 | 32.00 1.61 0.00 | 31.25 1.78 0.00 | 34.22 2.00 -1.18 | 38.36 2.21 -2.16 | 35.28 1.96 -3.29 | 35.65 2.13 -2.79 | 38.32 2.19 -6.54 | 37.68 2.63 0.00 | 43.21 2.74 0.00 | 42.97 2.85 0.00 | 40.14 3.04 0.00 | 40.48 2.83 0.00 | 41.04 2.62 0.00 | 62.76 2.99 0.00 | 38.05 1.96 0.00 | 33.80 1.84 0.00 | 32.38 1.98 0.00 | 33.54 1.93 0.00 |
| PATROON__115KV_TB1 80586 | 29.50 0.54 0.00 | 27.83 0.49 0.00 | 27.85 0.42 0.00 | 27.46 0.33 0.00 | 27.67 0.32 0.00 | 29.63 0.31 0.00 | 30.86 0.47 0.00 | 30.04 0.57 0.00 | 31.82 0.59 -0.19 | 34.96 0.63 -0.35 | 31.07 0.50 -0.54 | 31.68 0.49 -0.46 | 31.15 0.49 -1.07 | 35.62 0.57 0.00 | 41.10 0.62 0.00 | 40.78 0.66 0.00 | 37.97 0.88 0.00 | 38.51 0.86 0.00 | 39.27 0.85 0.00 | 60.58 0.81 0.00 | 36.71 0.62 0.00 | 32.64 0.68 0.00 | 31.24 0.83 0.00 | 32.46 0.84 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 30.00 1.05 0.00 | 28.26 0.93 0.00 | 28.29 0.86 0.00 | 27.91 0.78 0.00 | 28.13 0.78 0.00 | 30.20 0.88 0.00 | 31.39 1.01 0.00 | 30.45 0.98 0.00 | 32.03 0.84 -0.16 | 35.01 0.73 -0.30 | 30.95 0.47 -0.45 | 31.55 0.44 -0.38 | 30.57 0.47 -0.50 | 35.63 0.58 0.00 | 41.19 0.71 0.00 | 40.99 0.87 0.00 | 38.11 1.02 0.00 | 38.84 1.19 0.00 | 39.88 1.47 0.00 | 61.94 2.16 0.00 | 37.51 1.43 0.00 | 33.24 1.28 0.00 | 31.57 1.18 0.00 | 32.81 1.19 0.00 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 28.36 -0.59 0.00 | 26.44 -0.90 0.00 | 26.33 -1.10 0.00 | 25.85 -1.27 0.00 | 26.11 -1.24 0.00 | 28.14 -1.18 0.00 | 29.07 -1.32 0.00 | 28.50 -0.98 0.00 | 29.83 -1.21 0.00 | 33.24 -0.74 0.00 | 29.32 -0.71 0.00 | 30.30 -0.43 0.00 | 29.70 0.11 0.00 | 35.02 -0.03 0.00 | 40.57 0.09 0.00 | 39.55 -0.58 0.00 | 36.40 -0.70 0.00 | 36.97 -0.68 0.00 | 37.61 -0.81 0.00 | 58.87 -0.90 0.00 | 35.38 -0.70 0.00 | 31.14 -0.82 0.00 | 29.50 -0.90 0.00 | 30.53 -1.10 0.00 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 30.52 1.57 0.00 | 28.69 1.36 0.00 | 28.56 1.13 0.00 | 28.08 0.95 0.00 | 28.28 0.93 0.00 | 30.36 1.04 0.00 | 31.84 1.45 0.00 | 31.24 1.77 0.00 | 33.32 1.91 -0.37 | 36.90 2.24 -0.68 | 33.07 2.01 -1.04 | 33.81 2.19 -0.88 | 33.90 2.21 -2.10 | 37.75 2.70 0.00 | 43.50 3.02 0.00 | 43.24 3.12 0.00 | 40.36 3.27 0.00 | 40.82 3.17 0.00 | 41.34 2.93 0.00 | 63.32 3.55 0.00 | 38.30 2.21 0.00 | 33.97 2.00 0.00 | 32.32 1.93 0.00 | 33.55 1.93 0.00 |
| PEEKSKILL____ 23653 | 30.21 1.26 0.00 | 28.42 1.08 0.00 | 28.28 0.85 0.00 | 27.82 0.69 0.00 | 28.01 0.66 0.00 | 30.07 0.75 0.00 | 31.49 1.10 0.00 | 30.85 1.38 0.00 | 33.90 1.48 -1.39 | 38.26 1.73 -2.54 | 35.42 1.53 -3.86 | 35.68 1.67 -3.28 | 39.06 1.79 -7.68 | 37.25 2.20 0.00 | 42.86 2.38 0.00 | 42.59 2.47 0.00 | 39.75 2.66 0.00 | 40.16 2.52 0.00 | 40.65 2.23 0.00 | 62.23 2.46 0.00 | 37.70 1.61 0.00 | 33.48 1.52 0.00 | 31.90 1.51 0.00 | 33.18 1.56 0.00 |

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| PGE MADISON___WINDPWR 24146 | 31.02 2.07 0.00 | 29.12 1.79 0.00 | 29.15 1.72 0.00 | 28.72 1.59 0.00 | 29.00 1.65 0.00 | 31.26 1.94 0.00 | 32.57 2.19 0.00 | 31.73 2.26 0.00 | 33.19 2.15 0.00 | 36.22 2.23 0.00 | 31.70 1.68 0.00 | 32.42 1.69 0.00 | 31.44 1.85 0.00 | 37.28 2.23 0.00 | 43.12 2.64 0.00 | 42.83 2.71 0.00 | 39.90 2.81 0.00 | 40.69 3.04 0.00 | 41.88 3.46 0.00 | 65.11 5.34 0.00 | 39.06 2.98 0.00 | 34.27 2.31 0.00 | 32.18 1.78 0.00 | 33.35 1.73 0.00 |
| PIERCEFIELD___HYD 23852 | 28.34 -0.62 0.00 | 26.86 -0.48 0.00 | 27.07 -0.36 0.00 | 27.05 -0.08 0.00 | 27.34 -0.01 0.00 | 29.30 -0.02 0.00 | 30.25 -0.14 0.00 | 29.20 -0.27 0.00 | 30.80 -0.23 0.00 | 33.56 -0.42 0.00 | 29.68 -0.34 0.00 | 30.27 -0.46 0.00 | 28.85 -0.75 0.00 | 34.13 -0.92 0.00 | 39.39 -1.08 0.00 | 38.88 -1.24 0.00 | 35.37 -1.72 0.00 | 36.26 -1.39 0.00 | 37.12 -1.30 0.00 | 59.15 -0.62 0.00 | 35.58 -0.50 0.00 | 31.39 -0.57 0.00 | 29.90 -0.49 0.00 | 31.30 -0.33 0.00 |
| PINELAWN_CC_1 323563 | 39.91 2.03 -8.93 | 31.88 1.78 -2.77 | 28.85 1.42 0.00 | 28.31 1.18 0.00 | 28.48 1.13 0.00 | 30.70 1.38 0.00 | 32.15 1.77 0.00 | 31.41 1.93 0.00 | 34.17 1.95 -1.19 | 38.33 2.16 -2.18 | 35.26 1.92 -3.31 | 35.61 2.06 -2.83 | 38.29 2.10 -6.60 | 37.63 2.58 0.00 | 42.98 2.50 0.00 | 42.52 2.39 0.00 | 39.73 2.64 0.00 | 40.07 2.42 0.00 | 39.75 2.00 0.66 | 61.86 2.09 0.00 | 37.62 1.54 0.00 | 33.53 1.57 0.00 | 32.42 2.02 0.00 | 33.77 2.15 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 30.44 1.49 0.00 | 28.62 1.29 0.00 | 28.45 1.03 0.00 | 27.98 0.85 0.00 | 28.15 0.80 0.00 | 30.21 0.89 0.00 | 31.68 1.29 0.00 | 31.08 1.61 0.00 | 33.97 1.76 -1.18 | 38.25 2.10 -2.16 | 34.58 1.86 -2.69 | 35.56 2.04 -2.79 | 38.29 2.15 -6.54 | 37.70 2.65 0.00 | 43.30 2.82 0.00 | 44.07 2.92 -1.03 | 38.70 3.09 1.49 | 40.56 2.91 0.00 | 41.05 2.63 0.00 | 62.75 2.98 0.00 | 38.04 1.96 0.00 | 33.80 1.84 0.00 | 32.21 1.81 0.00 | 33.47 1.84 0.00 |
| PJM_GEN_KEystone 24065 | 28.88 -0.07 0.00 | 24.51 -0.21 2.61 | 27.05 -0.38 0.00 | 23.62 -0.55 2.96 | 26.00 -0.54 0.82 | 28.85 -0.47 0.00 | 30.11 -0.28 0.00 | 29.52 0.05 0.00 | 29.09 -0.08 1.86 | 30.77 0.20 3.41 | 24.37 0.12 5.77 | 26.57 0.22 4.39 | 19.84 0.54 10.30 | 34.91 0.64 0.79 | 41.26 0.78 0.00 | 41.77 0.62 -1.03 | 36.30 0.69 1.49 | 38.24 0.59 0.00 | 38.75 0.33 0.00 | 59.83 0.06 0.00 | 36.05 -0.04 0.00 | 31.96 0.00 0.00 | 30.39 -0.01 0.00 | 31.55 -0.07 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 35.66 1.68 -5.02 | 30.28 1.47 -1.48 | 28.57 1.15 0.00 | 28.06 0.93 0.00 | 28.24 0.90 0.00 | 30.40 1.08 0.00 | 31.83 1.44 0.00 | 31.08 1.61 0.00 | 33.87 1.64 -1.19 | 38.01 1.85 -2.18 | 34.55 1.80 -2.72 | 35.58 2.03 -2.82 | 38.28 2.09 -6.60 | 37.62 2.57 0.00 | 43.06 2.58 0.00 | 43.71 2.56 -1.03 | 38.37 2.77 1.49 | 40.20 2.55 0.00 | 39.82 2.17 0.76 | 62.12 2.35 0.00 | 37.65 1.56 0.00 | 33.49 1.53 0.00 | 32.10 1.70 0.00 | 33.44 1.82 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 30.39 1.44 0.00 | 28.58 1.25 0.00 | 28.41 0.98 0.00 | 27.91 0.78 0.00 | 28.08 0.73 0.00 | 30.12 0.80 0.00 | 31.58 1.19 0.00 | 30.98 1.51 0.00 | 33.85 1.64 -1.18 | 38.11 1.96 -2.16 | 34.46 1.74 -2.69 | 35.45 1.93 -2.79 | 38.19 2.06 -6.54 | 37.59 2.54 0.00 | 43.15 2.67 0.00 | 43.93 2.78 -1.03 | 38.60 2.99 1.49 | 40.45 2.80 0.00 | 40.96 2.55 0.00 | 62.58 2.80 0.00 | 38.01 1.93 0.00 | 33.77 1.81 0.00 | 32.18 1.78 0.00 | 33.44 1.82 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 29.70 0.75 0.00 | 28.02 0.69 0.00 | 28.15 0.73 0.00 | 28.10 0.97 0.00 | 28.50 1.15 0.00 | 30.60 1.28 0.00 | 31.86 1.47 0.00 | 30.81 1.34 0.00 | 32.58 1.55 0.00 | 35.45 1.47 0.00 | 31.54 1.51 0.00 | 32.05 1.32 0.00 | 30.55 0.96 0.00 | 36.16 1.11 0.00 | 41.88 1.40 0.00 | 41.54 1.42 0.00 | 37.85 0.75 0.00 | 38.49 0.83 0.00 | 39.40 0.98 0.00 | 61.72 1.95 0.00 | 37.25 1.16 0.00 | 32.60 0.63 0.00 | 30.85 0.46 0.00 | 31.87 0.25 0.00 |
| PLEASANTVLY___LBMP 24000 | 30.05 1.10 0.00 | 28.28 0.95 0.00 | 28.18 0.75 0.00 | 27.74 0.61 0.00 | 27.92 0.57 0.00 | 29.97 0.65 0.00 | 31.35 0.96 0.00 | 30.67 1.20 0.00 | 32.83 1.29 -0.50 | 36.40 1.49 -0.92 | 32.72 1.29 -1.40 | 33.31 1.39 -1.19 | 33.84 1.47 -2.78 | 36.83 1.78 0.00 | 42.37 1.90 0.00 | 42.12 2.00 0.00 | 39.28 2.19 0.00 | 39.72 2.07 0.00 | 40.29 1.88 0.00 | 61.76 1.99 0.00 | 37.42 1.33 0.00 | 33.25 1.29 0.00 | 31.69 1.29 0.00 | 32.96 1.33 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 30.32 1.37 0.00 | 28.52 1.18 0.00 | 28.38 0.95 0.00 | 27.91 0.78 0.00 | 28.11 0.75 0.00 | 30.17 0.85 0.00 | 31.59 1.20 0.00 | 30.94 1.46 0.00 | 33.51 1.57 -0.91 | 37.50 1.85 -1.66 | 34.20 1.64 -2.53 | 34.68 1.80 -2.15 | 36.53 1.91 -5.03 | 37.39 2.34 0.00 | 43.01 2.53 0.00 | 42.73 2.61 0.00 | 39.87 2.78 0.00 | 40.30 2.65 0.00 | 40.79 2.38 0.00 | 62.48 2.71 0.00 | 37.84 1.76 0.00 | 33.61 1.65 0.00 | 32.03 1.63 0.00 | 33.28 1.66 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 30.32 1.37 0.00 | 28.52 1.18 0.00 | 28.38 0.95 0.00 | 27.91 0.78 0.00 | 28.11 0.75 0.00 | 30.17 0.85 0.00 | 31.59 1.20 0.00 | 30.94 1.46 0.00 | 33.51 1.57 -0.91 | 37.50 1.85 -1.66 | 34.20 1.64 -2.53 | 34.68 1.80 -2.15 | 36.53 1.91 -5.03 | 37.39 2.34 0.00 | 43.01 2.53 0.00 | 42.73 2.61 0.00 | 39.87 2.78 0.00 | 40.30 2.65 0.00 | 40.79 2.38 0.00 | 62.48 2.71 0.00 | 37.84 1.76 0.00 | 33.61 1.65 0.00 | 32.03 1.63 0.00 | 33.28 1.66 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 30.29 1.34 0.00 | 28.48 1.15 0.00 | 28.37 0.94 0.00 | 27.92 0.79 0.00 | 28.11 0.76 0.00 | 30.17 0.85 0.00 | 31.51 1.12 0.00 | 30.79 1.31 0.00 | 32.68 1.41 -0.24 | 36.06 1.64 -0.43 | 32.11 1.42 -0.66 | 32.82 1.53 -0.56 | 32.63 1.78 -1.26 | 37.25 2.20 0.00 | 42.93 2.46 0.00 | 42.71 2.59 0.00 | 39.86 2.77 0.00 | 40.35 2.70 0.00 | 40.92 2.50 0.00 | 62.72 2.94 0.00 | 37.94 1.86 0.00 | 33.68 1.71 0.00 | 32.05 1.65 0.00 | 33.28 1.66 0.00 |
| POLETTI___ 23519 | 30.45 1.50 0.00 | 28.63 1.29 0.00 | 28.46 1.03 0.00 | 27.97 0.84 0.00 | 28.15 0.80 0.00 | 30.21 0.89 0.00 | 31.68 1.29 0.00 | 31.08 1.61 0.00 | 33.97 1.75 -1.18 | 38.24 2.10 -2.16 | 35.17 1.85 -3.29 | 35.56 2.04 -2.79 | 38.30 2.17 -6.54 | 37.70 2.65 0.00 | 43.30 2.82 0.00 | 43.03 2.91 0.00 | 40.19 3.10 0.00 | 40.55 2.90 0.00 | 41.03 2.62 0.00 | 62.72 2.95 0.00 | 38.05 1.96 0.00 | 33.81 1.85 0.00 | 32.22 1.83 0.00 | 33.48 1.86 0.00 |
| POMONA___ESR 323819 | 30.15 1.20 0.00 | 28.38 1.05 0.00 | 28.25 0.82 0.00 | 27.78 0.65 0.00 | 27.99 0.64 0.00 | 30.04 0.72 0.00 | 31.43 1.05 0.00 | 30.82 1.34 0.00 | 30.70 1.43 1.76 | 32.45 1.69 3.22 | 26.61 1.48 4.90 | 28.20 1.62 4.16 | 21.62 1.76 9.73 | 37.25 2.20 0.00 | 42.88 2.40 0.00 | 42.63 2.51 0.00 | 39.80 2.71 0.00 | 40.20 2.56 0.00 | 40.65 2.24 0.00 | 62.22 2.45 0.00 | 37.67 1.59 0.00 | 33.44 1.48 0.00 | 31.84 1.44 0.00 | 33.13 1.51 0.00 |
| PORT_JEFF_3 23555 | 39.78 1.90 -8.93 | 31.77 1.67 -2.77 | 28.73 1.31 0.00 | 28.18 1.06 0.00 | 28.36 1.01 0.00 | 30.60 1.28 0.00 | 32.04 1.66 0.00 | 31.23 1.76 0.00 | 33.98 1.75 -1.19 | 38.12 1.95 -2.18 | 35.27 1.93 -3.31 | 35.71 2.15 -2.83 | 38.38 2.19 -6.60 | 37.75 2.70 0.00 | 43.09 2.61 0.00 | 42.49 2.37 0.00 | 39.76 2.66 0.00 | 40.10 2.45 0.00 | 39.67 1.98 0.72 | 62.01 2.24 0.00 | 37.53 1.45 0.00 | 33.37 1.41 0.00 | 32.16 1.77 0.00 | 33.54 1.92 0.00 |

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| PORT_JEFF_4 23616 | 39.78 1.90 -8.93 | 31.77 1.67 -2.77 | 28.73 1.31 0.00 | 28.18 1.06 0.00 | 28.36 1.01 0.00 | 30.60 1.28 0.00 | 32.04 1.66 0.00 | 31.23 1.76 0.00 | 33.98 1.75 -1.19 | 38.12 1.95 -2.18 | 35.27 1.93 -3.31 | 35.71 2.15 -2.83 | 38.38 2.19 -6.60 | 37.75 2.70 0.00 | 43.09 2.61 0.00 | 42.49 2.37 0.00 | 39.76 2.66 0.00 | 40.10 2.45 0.00 | 39.67 1.98 0.72 | 62.01 2.24 0.00 | 37.53 1.45 0.00 | 33.37 1.41 0.00 | 32.16 1.77 0.00 | 33.54 1.92 0.00 |
| PORT_JEFF_IC 23713 | 39.83 1.95 -8.93 | 31.81 1.71 -2.77 | 28.77 1.34 0.00 | 28.22 1.09 0.00 | 28.39 1.04 0.00 | 30.63 1.32 0.00 | 32.08 1.70 0.00 | 31.27 1.80 0.00 | 34.02 1.79 -1.19 | 38.18 2.01 -2.18 | 35.34 2.00 -3.31 | 35.80 2.24 -2.83 | 38.47 2.27 -6.60 | 37.87 2.82 0.00 | 43.25 2.77 0.00 | 42.53 2.41 0.00 | 39.80 2.71 0.00 | 40.14 2.49 0.00 | 39.72 2.03 0.72 | 62.28 2.51 0.00 | 37.67 1.58 0.00 | 33.47 1.51 0.00 | 32.24 1.84 0.00 | 33.59 1.97 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 40.01 2.13 -8.93 | 31.98 1.88 -2.77 | 28.94 1.52 0.00 | 28.41 1.28 0.00 | 28.58 1.23 0.00 | 30.82 1.50 0.00 | 32.27 1.89 0.00 | 31.48 2.01 0.00 | 34.24 2.01 -1.19 | 38.40 2.23 -2.18 | 35.54 2.19 -3.31 | 35.98 2.42 -2.83 | 38.65 2.46 -6.60 | 38.09 3.04 0.00 | 43.57 3.09 0.00 | 43.11 2.99 0.00 | 40.17 3.08 0.00 | 40.52 2.86 0.00 | 40.12 2.42 0.71 | 62.68 2.91 0.00 | 38.00 1.92 0.00 | 33.77 1.81 0.00 | 32.46 2.06 0.00 | 33.79 2.17 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 40.01 2.13 -8.93 | 31.98 1.88 -2.77 | 28.94 1.52 0.00 | 28.41 1.28 0.00 | 28.58 1.23 0.00 | 30.82 1.50 0.00 | 32.27 1.89 0.00 | 31.48 2.01 0.00 | 34.24 2.01 -1.19 | 38.40 2.23 -2.18 | 35.54 2.19 -3.31 | 35.98 2.42 -2.83 | 38.65 2.46 -6.60 | 38.09 3.04 0.00 | 43.57 3.09 0.00 | 43.11 2.99 0.00 | 40.17 3.08 0.00 | 40.52 2.86 0.00 | 40.12 2.42 0.71 | 62.68 2.91 0.00 | 38.00 1.92 0.00 | 33.77 1.81 0.00 | 32.46 2.06 0.00 | 33.79 2.17 0.00 |
| PPL_SHRM_GT3 24213 | 39.74 1.86 -8.93 | 31.72 1.62 -2.77 | 28.67 1.24 0.00 | 28.10 0.97 0.00 | 28.25 0.90 0.00 | 30.57 1.26 0.00 | 32.03 1.64 0.00 | 31.15 1.68 0.00 | 33.79 1.57 -1.19 | 37.88 1.72 -2.18 | 35.08 1.74 -3.31 | 35.52 1.97 -2.83 | 38.23 2.04 -6.60 | 37.64 2.59 0.00 | 43.08 2.60 0.00 | 42.58 2.46 0.00 | 39.93 2.84 0.00 | 40.29 2.64 0.00 | 39.86 2.17 0.72 | 62.11 2.34 0.00 | 37.56 1.48 0.00 | 33.36 1.39 0.00 | 32.07 1.67 0.00 | 33.37 1.75 0.00 |
| PPL_SHRM_GT4 24214 | 39.74 1.86 -8.93 | 31.72 1.62 -2.77 | 28.67 1.24 0.00 | 28.10 0.97 0.00 | 28.25 0.90 0.00 | 30.57 1.26 0.00 | 32.03 1.64 0.00 | 31.15 1.68 0.00 | 33.79 1.57 -1.19 | 37.88 1.72 -2.18 | 35.08 1.74 -3.31 | 35.52 1.97 -2.83 | 38.23 2.04 -6.60 | 37.64 2.59 0.00 | 43.08 2.60 0.00 | 42.58 2.46 0.00 | 39.93 2.84 0.00 | 40.29 2.64 0.00 | 39.86 2.17 0.72 | 62.11 2.34 0.00 | 37.56 1.48 0.00 | 33.36 1.39 0.00 | 32.07 1.67 0.00 | 33.37 1.75 0.00 |
| PROJECT___ORANGE 1 24174 | 28.89 -0.06 0.00 | 27.18 -0.16 0.00 | 27.19 -0.24 0.00 | 26.82 -0.31 0.00 | 27.04 -0.31 0.00 | 29.04 -0.28 0.00 | 30.12 -0.27 0.00 | 29.23 -0.25 0.00 | 30.70 -0.33 0.00 | 33.73 -0.26 0.00 | 29.80 -0.23 0.00 | 30.58 -0.15 0.00 | 29.63 0.03 0.00 | 35.11 0.06 0.00 | 40.56 0.08 0.00 | 40.17 0.05 0.00 | 37.29 0.20 0.00 | 37.89 0.24 0.00 | 38.64 0.23 0.00 | 59.97 0.20 0.00 | 36.16 0.07 0.00 | 32.00 0.04 0.00 | 30.35 -0.05 0.00 | 31.52 -0.10 0.00 |
| PROJECT___ORANGE 2 24166 | 28.89 -0.06 0.00 | 27.18 -0.16 0.00 | 27.19 -0.24 0.00 | 26.82 -0.31 0.00 | 27.04 -0.31 0.00 | 29.04 -0.28 0.00 | 30.12 -0.27 0.00 | 29.23 -0.25 0.00 | 30.70 -0.33 0.00 | 33.73 -0.26 0.00 | 29.80 -0.23 0.00 | 30.58 -0.15 0.00 | 29.63 0.03 0.00 | 35.11 0.06 0.00 | 40.56 0.08 0.00 | 40.17 0.05 0.00 | 37.29 0.20 0.00 | 37.89 0.24 0.00 | 38.64 0.23 0.00 | 59.97 0.20 0.00 | 36.16 0.07 0.00 | 32.00 0.04 0.00 | 30.35 -0.05 0.00 | 31.52 -0.10 0.00 |
| PUCKETT___SOLAR 323809 | 29.55 0.60 0.00 | 27.78 0.44 0.00 | 27.80 0.37 0.00 | 27.40 0.28 0.00 | 27.65 0.30 0.00 | 29.73 0.41 0.00 | 30.92 0.53 0.00 | 30.12 0.65 0.00 | 31.55 0.52 0.00 | 34.59 0.61 0.00 | 30.34 0.32 0.00 | 31.07 0.34 0.00 | 30.13 0.54 0.00 | 35.72 0.67 0.00 | 41.30 0.83 0.00 | 40.92 0.79 0.00 | 38.04 0.95 0.00 | 38.70 1.05 0.00 | 39.57 1.16 0.00 | 61.40 1.63 0.00 | 36.90 0.81 0.00 | 32.59 0.63 0.00 | 30.88 0.48 0.00 | 32.08 0.46 0.00 |
| PYRITES___HYD 24023 | 29.02 0.07 0.00 | 27.49 0.16 0.00 | 27.71 0.28 0.00 | 27.69 0.56 0.00 | 27.99 0.64 0.00 | 30.02 0.70 0.00 | 30.96 0.57 0.00 | 29.85 0.37 0.00 | 31.33 0.30 0.00 | 34.03 0.05 0.00 | 30.05 0.02 0.00 | 30.63 -0.11 0.00 | 29.14 -0.46 0.00 | 34.46 -0.59 0.00 | 39.82 -0.66 0.00 | 39.39 -0.73 0.00 | 35.92 -1.17 0.00 | 36.87 -0.78 0.00 | 37.93 -0.48 0.00 | 60.73 0.95 0.00 | 36.60 0.51 0.00 | 32.28 0.32 0.00 | 30.69 0.29 0.00 | 32.03 0.41 0.00 |
| QUAKERRD_115KV_BK1 80622 | 28.12 -0.83 0.00 | 26.34 -0.99 0.00 | 26.27 -1.16 0.00 | 25.87 -1.26 0.00 | 26.12 -1.23 0.00 | 28.10 -1.22 0.00 | 29.07 -1.32 0.00 | 28.31 -1.16 0.00 | 29.68 -1.35 0.00 | 32.80 -1.18 0.00 | 29.00 -1.03 0.00 | 29.85 -0.89 0.00 | 29.07 -0.53 0.00 | 34.39 -0.66 0.00 | 39.84 -0.64 0.00 | 39.27 -0.85 0.00 | 36.38 -0.71 0.00 | 37.01 -0.64 0.00 | 37.71 -0.70 0.00 | 58.74 -1.03 0.00 | 35.36 -0.73 0.00 | 31.18 -0.79 0.00 | 29.52 -0.87 0.00 | 30.58 -1.04 0.00 |
| QUEENSBRY_115KV_TB8 356137 | 31.44 2.49 0.00 | 29.47 2.14 0.00 | 29.49 2.06 0.00 | 29.09 1.96 0.00 | 29.30 1.95 0.00 | 31.48 2.16 0.00 | 32.87 2.49 0.00 | 31.98 2.50 0.00 | 33.73 2.51 -0.19 | 36.80 2.48 -0.34 | 32.40 1.85 -0.51 | 32.97 1.80 -0.44 | 32.44 1.83 -1.02 | 37.09 2.04 0.00 | 42.96 2.48 0.00 | 42.95 2.83 0.00 | 39.99 2.89 0.00 | 40.87 3.22 0.00 | 42.16 3.75 0.00 | 65.25 5.47 0.00 | 40.02 3.94 0.00 | 35.35 3.39 0.00 | 33.19 2.79 0.00 | 34.61 2.98 0.00 |
| RAMAPO___LBMP 323565 | 30.04 1.08 0.00 | 28.27 0.94 0.00 | 28.14 0.71 0.00 | 27.68 0.55 0.00 | 27.90 0.54 0.00 | 29.93 0.61 0.00 | 31.34 0.95 0.00 | 30.71 1.24 0.00 | 30.66 1.33 1.69 | 32.43 1.54 3.10 | 26.68 1.36 4.70 | 28.22 1.48 3.99 | 21.85 1.60 9.35 | 37.05 2.00 0.00 | 42.65 2.17 0.00 | 42.40 2.28 0.00 | 39.57 2.48 0.00 | 39.98 2.33 0.00 | 40.44 2.03 0.00 | 61.92 2.15 0.00 | 37.50 1.42 0.00 | 33.30 1.33 0.00 | 31.72 1.31 0.00 | 32.99 1.37 0.00 |
| RANKINE____ 23646 | 28.25 -0.70 0.00 | 26.33 -1.01 0.00 | 26.21 -1.22 0.00 | 25.71 -1.42 0.00 | 25.97 -1.38 0.00 | 27.97 -1.35 0.00 | 28.87 -1.51 0.00 | 28.28 -1.19 0.00 | 29.60 -1.43 0.00 | 33.01 -0.97 0.00 | 29.15 -0.88 0.00 | 30.12 -0.61 0.00 | 29.54 -0.06 0.00 | 34.78 -0.27 0.00 | 40.25 -0.23 0.00 | 39.24 -0.88 0.00 | 36.14 -0.95 0.00 | 36.72 -0.93 0.00 | 37.38 -1.03 0.00 | 58.51 -1.26 0.00 | 35.17 -0.92 0.00 | 30.96 -1.01 0.00 | 29.30 -1.10 0.00 | 30.34 -1.28 0.00 |
| RAVENSWOOD_GT2_1 24244 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.21 0.86 0.00 | 30.27 0.96 0.00 | 31.74 1.36 0.00 | 31.14 1.67 0.00 | 34.03 1.82 -1.18 | 38.28 2.14 -2.16 | 35.21 1.90 -3.29 | 35.61 2.09 -2.79 | 38.33 2.20 -6.54 | 37.74 2.69 0.00 | 43.34 2.87 0.00 | 43.08 2.96 0.00 | 40.22 3.13 0.00 | 40.59 2.94 0.00 | 41.07 2.65 0.00 | 62.82 3.05 0.00 | 38.10 2.02 0.00 | 33.86 1.89 0.00 | 32.26 1.86 0.00 | 33.52 1.91 0.00 |

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| RAVENSWOOD_GT2_2 24245 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.21 0.86 0.00 | 30.27 0.96 0.00 | 31.74 1.36 0.00 | 31.14 1.67 0.00 | 34.03 1.82 -1.18 | 38.28 2.14 -2.16 | 35.21 1.90 -3.29 | 35.61 2.09 -2.79 | 38.33 2.20 -6.54 | 37.74 2.69 0.00 | 43.34 2.87 0.00 | 43.08 2.96 0.00 | 40.22 3.13 0.00 | 40.59 2.94 0.00 | 41.07 2.65 0.00 | 62.82 3.05 0.00 | 38.10 2.02 0.00 | 33.86 1.89 0.00 | 32.26 1.86 0.00 | 33.52 1.91 0.00 |
| RAVENSWOOD_GT2_3 24246 | 30.52 1.57 0.00 | 28.69 1.36 0.00 | 28.53 1.10 0.00 | 28.04 0.91 0.00 | 28.22 0.87 0.00 | 30.29 0.98 0.00 | 31.76 1.37 0.00 | 31.16 1.68 0.00 | 34.05 1.84 -1.18 | 38.31 2.17 -2.16 | 35.24 1.92 -3.29 | 35.63 2.10 -2.79 | 38.35 2.22 -6.54 | 37.77 2.72 0.00 | 43.38 2.90 0.00 | 43.11 2.98 0.00 | 40.26 3.16 0.00 | 40.63 2.98 0.00 | 41.10 2.68 0.00 | 62.85 3.08 0.00 | 38.12 2.04 0.00 | 33.88 1.91 0.00 | 32.29 1.89 0.00 | 33.53 1.92 0.00 |
| RAVENSWOOD_GT2_4 24247 | 30.52 1.57 0.00 | 28.69 1.36 0.00 | 28.53 1.10 0.00 | 28.04 0.91 0.00 | 28.22 0.87 0.00 | 30.29 0.98 0.00 | 31.76 1.37 0.00 | 31.16 1.68 0.00 | 34.05 1.84 -1.18 | 38.31 2.17 -2.16 | 35.24 1.92 -3.29 | 35.63 2.10 -2.79 | 38.35 2.22 -6.54 | 37.77 2.72 0.00 | 43.38 2.90 0.00 | 43.11 2.98 0.00 | 40.26 3.16 0.00 | 40.63 2.98 0.00 | 41.10 2.68 0.00 | 62.85 3.08 0.00 | 38.12 2.04 0.00 | 33.88 1.91 0.00 | 32.29 1.89 0.00 | 33.53 1.92 0.00 |
| RAVENSWOOD_GT3_1 24248 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.27 0.96 0.00 | 31.74 1.36 0.00 | 31.14 1.67 0.00 | 34.03 1.82 -1.18 | 38.29 2.14 -2.16 | 35.21 1.90 -3.29 | 35.61 2.09 -2.79 | 38.34 2.21 -6.54 | 37.74 2.69 0.00 | 43.35 2.87 0.00 | 43.08 2.96 0.00 | 40.22 3.13 0.00 | 40.59 2.94 0.00 | 41.07 2.65 0.00 | 62.82 3.05 0.00 | 38.10 2.02 0.00 | 33.86 1.89 0.00 | 32.26 1.87 0.00 | 33.52 1.91 0.00 |
| RAVENSWOOD_GT3_2 24249 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.27 0.96 0.00 | 31.74 1.36 0.00 | 31.14 1.67 0.00 | 34.03 1.82 -1.18 | 38.29 2.14 -2.16 | 35.21 1.90 -3.29 | 35.61 2.09 -2.79 | 38.34 2.21 -6.54 | 37.74 2.69 0.00 | 43.35 2.87 0.00 | 43.08 2.96 0.00 | 40.22 3.13 0.00 | 40.59 2.94 0.00 | 41.07 2.65 0.00 | 62.82 3.05 0.00 | 38.10 2.02 0.00 | 33.86 1.89 0.00 | 32.26 1.87 0.00 | 33.52 1.91 0.00 |
| RAVENSWOOD_GT3_3 24250 | 30.56 1.61 0.00 | 28.73 1.40 0.00 | 28.56 1.14 0.00 | 28.07 0.94 0.00 | 28.25 0.90 0.00 | 30.33 1.01 0.00 | 31.80 1.41 0.00 | 31.19 1.72 0.00 | 34.09 1.88 -1.18 | 38.36 2.22 -2.16 | 35.28 1.97 -3.29 | 35.68 2.16 -2.79 | 38.40 2.27 -6.54 | 37.83 2.78 0.00 | 43.45 2.97 0.00 | 43.18 3.06 0.00 | 40.32 3.22 0.00 | 40.68 3.04 0.00 | 41.16 2.74 0.00 | 62.95 3.18 0.00 | 38.18 2.10 0.00 | 33.92 1.96 0.00 | 32.32 1.92 0.00 | 33.58 1.96 0.00 |
| RAVENSWOOD_GT3_4 24251 | 30.56 1.61 0.00 | 28.73 1.40 0.00 | 28.56 1.14 0.00 | 28.07 0.94 0.00 | 28.25 0.90 0.00 | 30.33 1.01 0.00 | 31.80 1.41 0.00 | 31.19 1.72 0.00 | 34.09 1.88 -1.18 | 38.36 2.22 -2.16 | 35.28 1.97 -3.29 | 35.68 2.16 -2.79 | 38.40 2.27 -6.54 | 37.83 2.78 0.00 | 43.45 2.97 0.00 | 43.18 3.06 0.00 | 40.32 3.22 0.00 | 40.68 3.04 0.00 | 41.16 2.74 0.00 | 62.95 3.18 0.00 | 38.18 2.10 0.00 | 33.92 1.96 0.00 | 32.32 1.92 0.00 | 33.58 1.96 0.00 |
| RAVENSWOOD_GT_1 23729 | 30.58 1.63 0.00 | 28.75 1.41 0.00 | 28.58 1.15 0.00 | 28.08 0.95 0.00 | 28.27 0.92 0.00 | 30.35 1.03 0.00 | 31.85 1.46 0.00 | 31.24 1.77 0.00 | 34.16 1.95 -1.18 | 38.42 2.27 -2.16 | 35.30 1.98 -3.29 | 35.72 2.19 -2.79 | 38.46 2.32 -6.54 | 37.88 2.83 0.00 | 43.47 2.99 0.00 | 43.21 3.07 -0.02 | 40.41 3.25 -0.06 | 40.71 3.04 -0.02 | 41.14 2.72 0.00 | 62.89 3.11 0.00 | 38.15 2.06 0.00 | 33.91 1.95 0.00 | 33.01 1.95 -0.66 | 33.75 1.98 -0.14 |
| RAVENSWOOD_GT_10 24258 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.21 0.86 0.00 | 30.27 0.96 0.00 | 31.74 1.36 0.00 | 31.14 1.67 0.00 | 34.03 1.81 -1.18 | 38.28 2.14 -2.16 | 35.21 1.90 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.74 2.69 0.00 | 43.35 2.87 0.00 | 43.09 2.96 0.00 | 40.23 3.13 -0.01 | 40.59 2.94 0.00 | 41.08 2.66 0.00 | 62.83 3.06 0.00 | 38.10 2.02 0.00 | 33.86 1.89 0.00 | 32.34 1.86 -0.08 | 33.54 1.91 -0.02 |
| RAVENSWOOD_GT_11 24259 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.21 0.86 0.00 | 30.27 0.96 0.00 | 31.74 1.36 0.00 | 31.14 1.67 0.00 | 34.03 1.81 -1.18 | 38.28 2.14 -2.16 | 35.21 1.90 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.74 2.69 0.00 | 43.35 2.87 0.00 | 43.09 2.96 0.00 | 40.23 3.13 -0.01 | 40.59 2.94 0.00 | 41.08 2.66 0.00 | 62.83 3.06 0.00 | 38.10 2.02 0.00 | 33.86 1.89 0.00 | 32.34 1.86 -0.08 | 33.54 1.91 -0.02 |
| RAVENSWOOD_GT_4 24252 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.27 0.96 0.00 | 31.74 1.35 0.00 | 31.14 1.67 0.00 | 34.03 1.81 -1.18 | 38.28 2.13 -2.16 | 35.21 1.90 -3.29 | 35.60 2.08 -2.79 | 38.32 2.19 -6.54 | 37.74 2.69 0.00 | 43.34 2.87 0.00 | 43.10 2.96 -0.01 | 40.28 3.13 -0.05 | 40.62 2.96 -0.01 | 41.09 2.68 0.00 | 62.86 3.09 0.00 | 38.11 2.03 0.00 | 33.85 1.89 0.00 | 32.76 1.86 -0.50 | 33.63 1.91 -0.11 |
| RAVENSWOOD_GT_5 24254 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.27 0.96 0.00 | 31.74 1.35 0.00 | 31.14 1.67 0.00 | 34.03 1.81 -1.18 | 38.28 2.13 -2.16 | 35.21 1.90 -3.29 | 35.60 2.08 -2.79 | 38.32 2.19 -6.54 | 37.74 2.69 0.00 | 43.34 2.87 0.00 | 43.10 2.96 -0.01 | 40.28 3.13 -0.05 | 40.62 2.96 -0.01 | 41.09 2.68 0.00 | 62.86 3.09 0.00 | 38.11 2.03 0.00 | 33.85 1.89 0.00 | 32.76 1.86 -0.50 | 33.63 1.91 -0.11 |
| RAVENSWOOD_GT_6 24253 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.27 0.96 0.00 | 31.74 1.35 0.00 | 31.14 1.67 0.00 | 34.03 1.81 -1.18 | 38.28 2.13 -2.16 | 35.21 1.90 -3.29 | 35.60 2.08 -2.79 | 38.32 2.19 -6.54 | 37.74 2.69 0.00 | 43.34 2.87 0.00 | 43.10 2.96 -0.01 | 40.28 3.13 -0.05 | 40.62 2.96 -0.01 | 41.09 2.68 0.00 | 62.86 3.09 0.00 | 38.11 2.03 0.00 | 33.85 1.89 0.00 | 32.76 1.86 -0.50 | 33.63 1.91 -0.11 |
| RAVENSWOOD_GT_7 24255 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.27 0.96 0.00 | 31.74 1.35 0.00 | 31.14 1.67 0.00 | 34.03 1.81 -1.18 | 38.28 2.13 -2.16 | 35.21 1.90 -3.29 | 35.60 2.08 -2.79 | 38.32 2.19 -6.54 | 37.74 2.69 0.00 | 43.34 2.87 0.00 | 43.10 2.96 -0.01 | 40.28 3.13 -0.05 | 40.62 2.96 -0.01 | 41.09 2.68 0.00 | 62.86 3.09 0.00 | 38.11 2.03 0.00 | 33.85 1.89 0.00 | 32.76 1.86 -0.50 | 33.63 1.91 -0.11 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.21 0.86 0.00 | 30.27 0.96 0.00 | 31.74 1.36 0.00 | 31.14 1.67 0.00 | 34.03 1.81 -1.18 | 38.28 2.14 -2.16 | 35.21 1.90 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.74 2.69 0.00 | 43.35 2.87 0.00 | 43.09 2.96 0.00 | 40.23 3.13 -0.01 | 40.59 2.94 0.00 | 41.08 2.66 0.00 | 62.83 3.06 0.00 | 38.10 2.02 0.00 | 33.86 1.89 0.00 | 32.34 1.86 -0.08 | 33.54 1.91 -0.02 |

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| RAVENSWOOD_GT_9 24257 | 30.50 1.55 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.21 0.86 0.00 | 30.27 0.96 0.00 | 31.74 1.36 0.00 | 31.14 1.67 0.00 | 34.03 1.81 -1.18 | 38.28 2.14 -2.16 | 35.21 1.90 -3.29 | 35.60 2.08 -2.79 | 38.33 2.20 -6.54 | 37.74 2.69 0.00 | 43.35 2.87 0.00 | 43.09 2.96 0.00 | 40.23 3.13 -0.01 | 40.59 2.94 0.00 | 41.08 2.66 0.00 | 62.83 3.06 0.00 | 38.10 2.02 0.00 | 33.86 1.89 0.00 | 32.34 1.86 -0.08 | 33.54 1.91 -0.02 |
| RAVENSWOOD___1 23533 | 30.54 1.59 0.00 | 28.71 1.37 0.00 | 28.54 1.11 0.00 | 28.05 0.92 0.00 | 28.23 0.88 0.00 | 30.30 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.71 0.00 | 34.10 1.89 -1.18 | 38.35 2.20 -2.16 | 35.26 1.95 -3.29 | 35.67 2.15 -2.79 | 38.41 2.28 -6.54 | 37.82 2.77 0.00 | 43.39 2.91 0.00 | 43.09 2.99 0.02 | 40.22 3.19 0.06 | 40.60 2.97 0.02 | 41.07 2.65 0.00 | 62.78 3.01 0.00 | 38.10 2.01 0.00 | 33.88 1.91 0.00 | 31.66 1.91 0.65 | 33.40 1.92 0.14 |
| RAVENSWOOD___2 23534 | 30.50 1.55 0.00 | 28.67 1.34 0.00 | 28.50 1.07 0.00 | 28.01 0.88 0.00 | 28.20 0.84 0.00 | 30.26 0.94 0.00 | 31.76 1.37 0.00 | 31.15 1.68 0.00 | 34.05 1.84 -1.18 | 38.30 2.16 -2.16 | 35.21 1.90 -3.29 | 35.62 2.10 -2.79 | 38.36 2.23 -6.54 | 37.76 2.71 0.00 | 43.22 2.74 0.00 | 42.90 2.77 0.00 | 40.12 3.03 0.00 | 40.40 2.76 0.00 | 40.80 2.38 0.00 | 62.41 2.63 0.00 | 37.90 1.81 0.00 | 33.78 1.82 0.00 | 32.26 1.86 0.00 | 33.50 1.88 0.00 |
| RAVENSWOOD___3 23535 | 30.51 1.56 0.00 | 28.68 1.35 0.00 | 28.52 1.09 0.00 | 28.03 0.90 0.00 | 28.22 0.87 0.00 | 30.28 0.96 0.00 | 31.75 1.36 0.00 | 31.14 1.66 0.00 | 34.03 1.82 -1.18 | 38.29 2.14 -2.16 | 35.21 1.90 -3.29 | 35.60 2.08 -2.79 | 38.34 2.21 -6.54 | 37.75 2.70 0.00 | 43.35 2.87 0.00 | 43.09 2.97 0.00 | 40.23 3.14 0.00 | 40.60 2.95 0.00 | 41.07 2.66 0.00 | 62.83 3.05 0.00 | 38.10 2.01 0.00 | 33.86 1.89 0.00 | 32.26 1.87 0.00 | 33.52 1.91 0.00 |
| RAVENSWOOD___4 23820 | 30.54 1.59 0.00 | 28.71 1.37 0.00 | 28.54 1.11 0.00 | 28.05 0.92 0.00 | 28.23 0.88 0.00 | 30.30 0.98 0.00 | 31.79 1.40 0.00 | 31.19 1.71 0.00 | 34.10 1.89 -1.18 | 38.35 2.20 -2.16 | 35.26 1.95 -3.29 | 35.67 2.15 -2.79 | 38.41 2.28 -6.54 | 37.82 2.77 0.00 | 43.39 2.91 0.00 | 43.09 2.99 0.02 | 40.22 3.19 0.06 | 40.60 2.97 0.02 | 41.07 2.65 0.00 | 62.78 3.01 0.00 | 38.10 2.01 0.00 | 33.88 1.91 0.00 | 31.66 1.91 0.65 | 33.40 1.92 0.14 |
| RCPI_TRUST___DRP 24196 | 30.47 1.51 0.00 | 28.65 1.31 0.00 | 28.48 1.05 0.00 | 27.99 0.87 0.00 | 28.17 0.82 0.00 | 30.24 0.92 0.00 | 31.72 1.33 0.00 | 31.11 1.64 0.00 | 34.03 1.81 -1.18 | 38.29 2.14 -2.16 | 35.22 1.91 -3.29 | 35.62 2.10 -2.79 | 38.35 2.21 -6.54 | 37.76 2.71 0.00 | 43.38 2.90 0.00 | 43.11 2.99 0.00 | 40.25 3.16 0.00 | 40.62 2.97 0.00 | 41.10 2.69 0.00 | 62.84 3.07 0.00 | 38.08 2.00 0.00 | 33.84 1.88 0.00 | 32.25 1.85 0.00 | 33.51 1.90 0.00 |
| RED___ROCHESTER 323720 | 28.84 -0.12 0.00 | 26.98 -0.36 0.00 | 26.89 -0.54 0.00 | 26.44 -0.69 0.00 | 26.70 -0.65 0.00 | 28.73 -0.59 0.00 | 29.71 -0.68 0.00 | 28.96 -0.51 0.00 | 30.35 -0.68 0.00 | 33.60 -0.38 0.00 | 29.75 -0.28 0.00 | 30.68 -0.05 0.00 | 29.92 0.33 0.00 | 35.41 0.36 0.00 | 41.06 0.58 0.00 | 40.47 0.35 0.00 | 37.50 0.41 0.00 | 38.13 0.48 0.00 | 38.83 0.41 0.00 | 60.53 0.75 0.00 | 36.39 0.31 0.00 | 32.05 0.09 0.00 | 30.33 -0.07 0.00 | 31.37 -0.25 0.00 |
| REGAN___SOLAR 323812 | 31.98 3.02 0.00 | 30.02 2.69 0.00 | 30.03 2.59 0.00 | 29.62 2.49 0.00 | 29.86 2.51 0.00 | 32.19 2.87 0.00 | 33.42 3.03 0.00 | 31.90 2.43 0.00 | 32.38 1.34 0.00 | 34.58 0.60 0.00 | 30.04 0.01 0.00 | 30.58 -0.15 0.00 | 29.45 -0.15 0.00 | 35.04 -0.01 0.00 | 40.84 0.36 0.00 | 41.16 1.04 0.00 | 38.87 1.78 0.00 | 40.64 2.99 0.00 | 43.12 4.71 0.00 | 67.89 8.12 0.00 | 40.79 4.71 0.00 | 35.96 4.00 0.00 | 34.03 3.63 0.00 | 35.13 3.51 0.00 |
| RENSSELAER___COGEN 23796 | 29.31 0.36 0.00 | 27.67 0.33 0.00 | 27.69 0.27 0.00 | 27.31 0.18 0.00 | 27.51 0.16 0.00 | 29.47 0.15 0.00 | 30.68 0.29 0.00 | 29.86 0.39 0.00 | 31.62 0.39 -0.20 | 34.73 0.39 -0.36 | 30.85 0.28 -0.54 | 31.45 0.25 -0.46 | 30.94 0.26 -1.08 | 35.33 0.28 0.00 | 40.73 0.26 0.00 | 40.41 0.29 0.00 | 37.63 0.54 0.00 | 38.16 0.51 0.00 | 38.93 0.52 0.00 | 60.07 0.30 0.00 | 36.42 0.33 0.00 | 32.41 0.45 0.00 | 31.02 0.62 0.00 | 32.26 0.64 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 33.24 4.29 0.00 | 30.95 3.62 0.00 | 30.99 3.56 0.00 | 30.61 3.48 0.00 | 30.85 3.50 0.00 | 33.20 3.89 0.00 | 34.79 4.40 0.00 | 33.74 4.27 0.00 | 35.45 4.23 -0.19 | 38.21 3.89 -0.34 | 33.65 3.10 -0.52 | 34.09 2.92 -0.44 | 33.63 3.00 -1.03 | 38.62 3.57 0.00 | 44.62 4.14 0.00 | 45.00 4.88 0.00 | 41.81 4.72 0.00 | 42.97 5.32 0.00 | 44.38 5.97 0.00 | 68.75 8.98 0.00 | 42.83 6.75 0.00 | 37.72 5.75 0.00 | 35.23 4.83 0.00 | 36.61 4.99 0.00 |
| REVERE_CPPR_DRP 24186 | 29.87 0.91 0.00 | 28.11 0.77 0.00 | 28.15 0.72 0.00 | 27.82 0.69 0.00 | 28.03 0.68 0.00 | 30.16 0.84 0.00 | 31.38 0.99 0.00 | 30.45 0.97 0.00 | 31.90 0.87 0.00 | 34.90 0.91 0.00 | 30.76 0.74 0.00 | 31.51 0.78 0.00 | 30.43 0.84 0.00 | 36.12 1.06 0.00 | 41.81 1.34 0.00 | 41.44 1.32 0.00 | 38.48 1.39 0.00 | 39.30 1.66 0.00 | 40.25 1.84 0.00 | 62.72 2.95 0.00 | 37.84 1.76 0.00 | 33.27 1.31 0.00 | 31.46 1.07 0.00 | 32.66 1.04 0.00 |
| REYNOLDS_115KV_TB3 80639 | 29.57 0.62 0.00 | 27.93 0.59 0.00 | 27.95 0.52 0.00 | 27.56 0.43 0.00 | 27.77 0.42 0.00 | 29.72 0.40 0.00 | 30.93 0.54 0.00 | 30.11 0.64 0.00 | 31.89 0.65 -0.20 | 35.00 0.65 -0.37 | 31.09 0.50 -0.56 | 31.67 0.46 -0.48 | 31.14 0.43 -1.12 | 35.51 0.46 0.00 | 40.94 0.46 0.00 | 40.59 0.46 0.00 | 37.79 0.70 0.00 | 38.33 0.68 0.00 | 39.10 0.68 0.00 | 60.32 0.55 0.00 | 36.59 0.50 0.00 | 32.56 0.60 0.00 | 31.12 0.72 0.00 | 32.38 0.76 0.00 |
| RIVERBAY____ 323610 | 30.67 1.71 0.00 | 28.84 1.51 0.00 | 28.71 1.28 0.00 | 28.22 1.09 0.00 | 28.45 1.10 0.00 | 30.51 1.19 0.00 | 32.00 1.61 0.00 | 31.25 1.78 0.00 | 34.22 2.00 -1.18 | 38.36 2.21 -2.16 | 35.28 1.96 -3.29 | 35.65 2.13 -2.79 | 38.32 2.19 -6.54 | 37.68 2.63 0.00 | 43.21 2.74 0.00 | 42.97 2.85 0.00 | 40.14 3.04 0.00 | 40.48 2.83 0.00 | 41.04 2.62 0.00 | 62.76 2.99 0.00 | 38.05 1.96 0.00 | 33.80 1.84 0.00 | 32.38 1.98 0.00 | 33.54 1.93 0.00 |
| RIVERSDE_115KV_TB3 55908 | 29.43 0.47 0.00 | 27.77 0.44 0.00 | 27.80 0.37 0.00 | 27.42 0.29 0.00 | 27.62 0.27 0.00 | 29.58 0.26 0.00 | 30.79 0.40 0.00 | 29.98 0.51 0.00 | 31.75 0.52 -0.20 | 34.91 0.56 -0.36 | 31.02 0.44 -0.55 | 31.61 0.41 -0.47 | 31.09 0.40 -1.10 | 35.49 0.44 0.00 | 40.93 0.45 0.00 | 40.60 0.48 0.00 | 37.81 0.71 0.00 | 38.34 0.69 0.00 | 39.10 0.68 0.00 | 60.32 0.54 0.00 | 36.57 0.48 0.00 | 32.54 0.57 0.00 | 31.13 0.73 0.00 | 32.37 0.75 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 28.49 -0.46 0.00 | 27.00 -0.34 0.00 | 27.23 -0.20 0.00 | 27.11 -0.02 0.00 | 27.31 -0.04 0.00 | 29.27 -0.05 0.00 | 30.30 -0.09 0.00 | 29.32 -0.15 0.00 | 30.95 -0.08 0.00 | 33.84 -0.14 0.00 | 29.92 -0.11 0.00 | 30.55 -0.19 0.00 | 29.27 -0.32 0.00 | 34.64 -0.41 0.00 | 40.05 -0.43 0.00 | 39.70 -0.42 0.00 | 36.46 -0.64 0.00 | 37.01 -0.64 0.00 | 37.86 -0.56 0.00 | 59.33 -0.44 0.00 | 35.48 -0.60 0.00 | 31.17 -0.79 0.00 | 29.59 -0.81 0.00 | 30.90 -0.73 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 28.50 -0.45 0.00 | 26.67 -0.66 0.00 | 26.59 -0.83 0.00 | 26.17 -0.96 0.00 | 26.42 -0.93 0.00 | 28.43 -0.89 0.00 | 29.39 -1.00 0.00 | 28.64 -0.83 0.00 | 30.02 -1.01 0.00 | 33.22 -0.77 0.00 | 29.37 -0.66 0.00 | 30.24 -0.49 0.00 | 29.47 -0.13 0.00 | 34.83 -0.21 0.00 | 40.35 -0.13 0.00 | 39.73 -0.40 0.00 | 36.79 -0.30 0.00 | 37.42 -0.23 0.00 | 38.13 -0.28 0.00 | 59.48 -0.29 0.00 | 35.79 -0.30 0.00 | 31.54 -0.42 0.00 | 29.88 -0.52 0.00 | 30.94 -0.68 0.00 |
| ROCHESTER_9_IC 23652 | 28.68 -0.27 0.00 | 26.84 -0.50 0.00 | 26.75 -0.68 0.00 | 26.31 -0.82 0.00 | 26.57 -0.78 0.00 | 28.59 -0.73 0.00 | 29.56 -0.82 0.00 | 28.82 -0.66 0.00 | 30.20 -0.83 0.00 | 33.43 -0.56 0.00 | 29.57 -0.46 0.00 | 30.46 -0.27 0.00 | 29.71 0.11 0.00 | 35.15 0.09 0.00 | 40.71 0.24 0.00 | 40.10 -0.02 0.00 | 37.16 0.07 0.00 | 37.79 0.14 0.00 | 38.49 0.07 0.00 | 60.04 0.26 0.00 | 36.10 0.02 0.00 | 31.80 -0.16 0.00 | 30.11 -0.29 0.00 | 31.17 -0.46 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 30.51 1.55 0.00 | 28.68 1.35 0.00 | 28.53 1.10 0.00 | 28.04 0.91 0.00 | 28.23 0.88 0.00 | 30.30 0.99 0.00 | 31.75 1.37 0.00 | 31.12 1.65 0.00 | 34.01 1.80 -1.18 | 38.25 2.11 -2.16 | 35.18 1.87 -3.28 | 35.56 2.05 -2.79 | 38.29 2.17 -6.53 | 37.70 2.65 0.00 | 43.33 2.85 0.00 | 43.07 2.95 0.00 | 40.19 3.10 0.00 | 40.61 2.96 0.00 | 41.09 2.67 0.00 | 62.89 3.12 0.00 | 38.10 2.01 0.00 | 33.83 1.87 0.00 | 32.25 1.85 0.00 | 33.50 1.89 0.00 |
| ROME____115KV_TB2 80656 | 29.87 0.91 0.00 | 28.11 0.77 0.00 | 28.15 0.72 0.00 | 27.82 0.69 0.00 | 28.03 0.68 0.00 | 30.16 0.84 0.00 | 31.38 0.99 0.00 | 30.45 0.97 0.00 | 31.90 0.87 0.00 | 34.90 0.91 0.00 | 30.76 0.74 0.00 | 31.51 0.78 0.00 | 30.43 0.84 0.00 | 36.12 1.06 0.00 | 41.81 1.34 0.00 | 41.44 1.32 0.00 | 38.48 1.39 0.00 | 39.30 1.66 0.00 | 40.25 1.84 0.00 | 62.72 2.95 0.00 | 37.84 1.76 0.00 | 33.27 1.31 0.00 | 31.46 1.07 0.00 | 32.66 1.04 0.00 |
| ROSETON___1 23587 | 30.01 1.06 0.00 | 28.25 0.91 0.00 | 28.15 0.72 0.00 | 27.71 0.58 0.00 | 27.90 0.55 0.00 | 29.93 0.62 0.00 | 31.31 0.93 0.00 | 30.64 1.17 0.00 | 32.28 1.25 0.00 | 35.44 1.46 0.00 | 31.29 1.26 0.00 | 32.10 1.37 0.00 | 31.06 1.46 0.00 | 36.83 1.78 0.00 | 42.38 1.91 0.00 | 42.12 2.00 0.00 | 39.28 2.19 0.00 | 39.72 2.07 0.00 | 40.29 1.87 0.00 | 61.76 1.99 0.00 | 37.41 1.33 0.00 | 33.23 1.27 0.00 | 31.67 1.27 0.00 | 32.93 1.30 0.00 |
| ROSETON___2 23588 | 30.01 1.06 0.00 | 28.25 0.91 0.00 | 28.15 0.72 0.00 | 27.71 0.58 0.00 | 27.90 0.55 0.00 | 29.93 0.62 0.00 | 31.31 0.93 0.00 | 30.64 1.17 0.00 | 32.28 1.25 0.00 | 35.44 1.46 0.00 | 31.29 1.26 0.00 | 32.10 1.37 0.00 | 31.06 1.46 0.00 | 36.83 1.78 0.00 | 42.38 1.91 0.00 | 42.12 2.00 0.00 | 39.28 2.19 0.00 | 39.72 2.07 0.00 | 40.29 1.87 0.00 | 61.76 1.99 0.00 | 37.41 1.33 0.00 | 33.23 1.27 0.00 | 31.67 1.27 0.00 | 32.93 1.30 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 29.73 0.78 0.00 | 28.03 0.69 0.00 | 28.05 0.63 0.00 | 27.67 0.55 0.00 | 27.89 0.54 0.00 | 29.90 0.58 0.00 | 31.11 0.72 0.00 | 30.25 0.78 0.00 | 31.95 0.75 -0.17 | 35.05 0.76 -0.31 | 31.09 0.59 -0.47 | 31.71 0.58 -0.40 | 31.14 0.61 -0.94 | 35.76 0.71 0.00 | 41.28 0.80 0.00 | 41.00 0.88 0.00 | 38.12 1.02 0.00 | 38.70 1.05 0.00 | 39.55 1.14 0.00 | 61.21 1.44 0.00 | 37.07 0.99 0.00 | 32.89 0.92 0.00 | 31.26 0.86 0.00 | 32.52 0.90 0.00 |
| RUSSELL___1 23602 | 28.84 -0.11 0.00 | 26.97 -0.36 0.00 | 26.88 -0.55 0.00 | 26.44 -0.69 0.00 | 26.70 -0.65 0.00 | 28.73 -0.58 0.00 | 29.71 -0.68 0.00 | 28.96 -0.51 0.00 | 30.35 -0.68 0.00 | 33.61 -0.37 0.00 | 29.74 -0.29 0.00 | 30.66 -0.07 0.00 | 29.92 0.33 0.00 | 35.41 0.36 0.00 | 41.06 0.58 0.00 | 40.47 0.34 0.00 | 37.50 0.41 0.00 | 38.13 0.48 0.00 | 38.83 0.41 0.00 | 60.52 0.75 0.00 | 36.40 0.31 0.00 | 32.05 0.09 0.00 | 30.33 -0.07 0.00 | 31.37 -0.25 0.00 |
| RUSSELL___2 23532 | 28.84 -0.11 0.00 | 26.97 -0.36 0.00 | 26.88 -0.55 0.00 | 26.44 -0.69 0.00 | 26.70 -0.65 0.00 | 28.73 -0.58 0.00 | 29.71 -0.68 0.00 | 28.96 -0.51 0.00 | 30.35 -0.68 0.00 | 33.61 -0.37 0.00 | 29.74 -0.29 0.00 | 30.66 -0.07 0.00 | 29.92 0.33 0.00 | 35.41 0.36 0.00 | 41.06 0.58 0.00 | 40.47 0.34 0.00 | 37.50 0.41 0.00 | 38.13 0.48 0.00 | 38.83 0.41 0.00 | 60.52 0.75 0.00 | 36.40 0.31 0.00 | 32.05 0.09 0.00 | 30.33 -0.07 0.00 | 31.37 -0.25 0.00 |
| RUSSELL___3 23549 | 28.84 -0.11 0.00 | 26.97 -0.36 0.00 | 26.88 -0.55 0.00 | 26.44 -0.69 0.00 | 26.70 -0.65 0.00 | 28.73 -0.58 0.00 | 29.71 -0.68 0.00 | 28.96 -0.51 0.00 | 30.35 -0.68 0.00 | 33.61 -0.37 0.00 | 29.74 -0.29 0.00 | 30.66 -0.07 0.00 | 29.92 0.33 0.00 | 35.41 0.36 0.00 | 41.06 0.58 0.00 | 40.47 0.34 0.00 | 37.50 0.41 0.00 | 38.13 0.48 0.00 | 38.83 0.41 0.00 | 60.52 0.75 0.00 | 36.40 0.31 0.00 | 32.05 0.09 0.00 | 30.33 -0.07 0.00 | 31.37 -0.25 0.00 |
| RUSSELL___4 23556 | 28.84 -0.11 0.00 | 26.97 -0.36 0.00 | 26.88 -0.55 0.00 | 26.44 -0.69 0.00 | 26.70 -0.65 0.00 | 28.73 -0.58 0.00 | 29.71 -0.68 0.00 | 28.96 -0.51 0.00 | 30.35 -0.68 0.00 | 33.61 -0.37 0.00 | 29.74 -0.29 0.00 | 30.66 -0.07 0.00 | 29.92 0.33 0.00 | 35.41 0.36 0.00 | 41.06 0.58 0.00 | 40.47 0.34 0.00 | 37.50 0.41 0.00 | 38.13 0.48 0.00 | 38.83 0.41 0.00 | 60.52 0.75 0.00 | 36.40 0.31 0.00 | 32.05 0.09 0.00 | 30.33 -0.07 0.00 | 31.37 -0.25 0.00 |
| RUSSELL___STATION 23914 | 28.84 -0.11 0.00 | 26.97 -0.36 0.00 | 26.88 -0.55 0.00 | 26.44 -0.69 0.00 | 26.70 -0.65 0.00 | 28.73 -0.58 0.00 | 29.71 -0.68 0.00 | 28.96 -0.51 0.00 | 30.35 -0.68 0.00 | 33.61 -0.37 0.00 | 29.74 -0.29 0.00 | 30.66 -0.07 0.00 | 29.92 0.33 0.00 | 35.41 0.36 0.00 | 41.06 0.58 0.00 | 40.47 0.34 0.00 | 37.50 0.41 0.00 | 38.13 0.48 0.00 | 38.83 0.41 0.00 | 60.52 0.75 0.00 | 36.40 0.31 0.00 | 32.05 0.09 0.00 | 30.33 -0.07 0.00 | 31.37 -0.25 0.00 |
| S SALMON___HYD 24043 | 28.55 -0.40 0.00 | 26.86 -0.47 0.00 | 26.93 -0.50 0.00 | 26.63 -0.50 0.00 | 26.88 -0.47 0.00 | 28.83 -0.49 0.00 | 29.94 -0.45 0.00 | 29.03 -0.44 0.00 | 30.53 -0.50 0.00 | 33.46 -0.52 0.00 | 29.52 -0.51 0.00 | 30.23 -0.50 0.00 | 29.15 -0.45 0.00 | 34.57 -0.48 0.00 | 39.98 -0.49 0.00 | 39.60 -0.53 0.00 | 36.76 -0.34 0.00 | 37.49 -0.16 0.00 | 38.40 -0.02 0.00 | 59.84 0.06 0.00 | 36.08 0.00 0.00 | 31.73 -0.24 0.00 | 30.07 -0.33 0.00 | 31.32 -0.31 0.00 |
| S.PERRY__115KV_TB1 80734 | 29.31 0.36 0.00 | 27.36 0.02 0.00 | 27.27 -0.16 0.00 | 26.77 -0.36 0.00 | 27.07 -0.27 0.00 | 29.16 -0.16 0.00 | 30.24 -0.15 0.00 | 29.53 0.06 0.00 | 30.45 -0.58 0.00 | 33.69 -0.30 0.00 | 29.78 -0.25 0.00 | 30.66 -0.07 0.00 | 30.00 0.40 0.00 | 35.47 0.42 0.00 | 41.32 0.84 0.00 | 40.87 0.75 0.00 | 37.75 0.65 0.00 | 38.66 1.01 0.00 | 39.34 0.93 0.00 | 61.34 1.57 0.00 | 36.85 0.77 0.00 | 32.43 0.46 0.00 | 30.64 0.25 0.00 | 31.64 0.02 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 27.99 -0.96 0.00 | 26.09 -1.25 0.00 | 25.96 -1.47 0.00 | 25.48 -1.65 0.00 | 25.74 -1.61 0.00 | 27.72 -1.59 0.00 | 28.58 -1.81 0.00 | 27.96 -1.51 0.00 | 29.27 -1.76 0.00 | 32.62 -1.36 0.00 | 28.81 -1.21 0.00 | 29.74 -0.99 0.00 | 29.14 -0.45 0.00 | 34.28 -0.77 0.00 | 39.63 -0.85 0.00 | 38.62 -1.51 0.00 | 35.62 -1.47 0.00 | 36.23 -1.42 0.00 | 36.92 -1.49 0.00 | 57.90 -1.87 0.00 | 34.82 -1.26 0.00 | 30.66 -1.30 0.00 | 29.03 -1.36 0.00 | 30.07 -1.55 0.00 |

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| SAWYER___23_KV_LOAD 55526 | 27.99 -0.96 0.00 | 26.09 -1.25 0.00 | 25.96 -1.47 0.00 | 25.48 -1.65 0.00 | 25.74 -1.61 0.00 | 27.72 -1.59 0.00 | 28.58 -1.81 0.00 | 27.96 -1.51 0.00 | 29.27 -1.76 0.00 | 32.62 -1.36 0.00 | 28.81 -1.21 0.00 | 29.74 -0.99 0.00 | 29.14 -0.45 0.00 | 34.28 -0.77 0.00 | 39.63 -0.85 0.00 | 38.62 -1.51 0.00 | 35.62 -1.47 0.00 | 36.23 -1.42 0.00 | 36.92 -1.49 0.00 | 57.90 -1.87 0.00 | 34.82 -1.26 0.00 | 30.66 -1.30 0.00 | 29.03 -1.36 0.00 | 30.07 -1.55 0.00 |
| SELKIRK___I 23801 | 29.59 0.63 0.00 | 27.92 0.59 0.00 | 27.97 0.54 0.00 | 27.60 0.48 0.00 | 27.81 0.46 0.00 | 29.80 0.48 0.00 | 30.98 0.59 0.00 | 30.10 0.63 0.00 | 31.78 0.58 -0.17 | 34.82 0.52 -0.32 | 30.87 0.36 -0.48 | 31.45 0.31 -0.41 | 30.85 0.29 -0.96 | 35.36 0.31 0.00 | 40.80 0.33 0.00 | 40.48 0.36 0.00 | 37.69 0.60 0.00 | 38.31 0.66 0.00 | 39.20 0.79 0.00 | 60.62 0.84 0.00 | 36.76 0.67 0.00 | 32.69 0.73 0.00 | 31.22 0.82 0.00 | 32.46 0.84 0.00 |
| SELKIRK___II 23799 | 29.41 0.46 0.00 | 27.74 0.41 0.00 | 27.78 0.35 0.00 | 27.39 0.27 0.00 | 27.59 0.24 0.00 | 29.57 0.25 0.00 | 30.76 0.38 0.00 | 29.95 0.48 0.00 | 31.70 0.49 -0.19 | 34.82 0.49 -0.34 | 30.93 0.38 -0.52 | 31.54 0.36 -0.44 | 31.01 0.37 -1.04 | 35.48 0.43 0.00 | 40.91 0.43 0.00 | 40.58 0.46 0.00 | 37.77 0.67 0.00 | 38.30 0.65 0.00 | 39.06 0.64 0.00 | 60.31 0.54 0.00 | 36.54 0.46 0.00 | 32.49 0.53 0.00 | 31.04 0.64 0.00 | 32.28 0.66 0.00 |
| SENECA OSWGO___HYD 24041 | 28.72 -0.23 0.00 | 27.02 -0.31 0.00 | 27.04 -0.39 0.00 | 26.68 -0.45 0.00 | 26.91 -0.44 0.00 | 28.88 -0.44 0.00 | 29.95 -0.44 0.00 | 29.04 -0.43 0.00 | 30.48 -0.55 0.00 | 33.43 -0.55 0.00 | 29.51 -0.52 0.00 | 30.26 -0.47 0.00 | 29.28 -0.31 0.00 | 34.70 -0.35 0.00 | 40.09 -0.39 0.00 | 39.74 -0.38 0.00 | 36.88 -0.21 0.00 | 37.50 -0.15 0.00 | 38.32 -0.10 0.00 | 59.52 -0.25 0.00 | 35.92 -0.16 0.00 | 31.77 -0.20 0.00 | 30.14 -0.26 0.00 | 31.29 -0.33 0.00 |
| SENECA___115KV_TB3 355854 | 28.31 -0.64 0.00 | 26.38 -0.95 0.00 | 26.26 -1.17 0.00 | 25.75 -1.38 0.00 | 26.01 -1.34 0.00 | 28.02 -1.30 0.00 | 28.93 -1.46 0.00 | 28.33 -1.14 0.00 | 29.65 -1.39 0.00 | 33.08 -0.90 0.00 | 29.21 -0.82 0.00 | 30.19 -0.55 0.00 | 29.61 0.01 0.00 | 34.87 -0.19 0.00 | 40.33 -0.14 0.00 | 39.32 -0.80 0.00 | 36.23 -0.86 0.00 | 36.80 -0.85 0.00 | 37.46 -0.95 0.00 | 58.63 -1.14 0.00 | 35.24 -0.84 0.00 | 31.02 -0.94 0.00 | 29.36 -1.04 0.00 | 30.39 -1.23 0.00 |
| SENECA___ENERGY 23797 | 28.95 -0.01 0.00 | 27.14 -0.19 0.00 | 27.12 -0.31 0.00 | 26.70 -0.43 0.00 | 26.96 -0.39 0.00 | 29.01 -0.30 0.00 | 30.13 -0.25 0.00 | 29.30 -0.17 0.00 | 30.70 -0.33 0.00 | 33.80 -0.19 0.00 | 29.69 -0.34 0.00 | 30.45 -0.28 0.00 | 29.63 0.04 0.00 | 35.18 0.12 0.00 | 40.76 0.28 0.00 | 40.26 0.14 0.00 | 37.36 0.26 0.00 | 38.04 0.39 0.00 | 38.84 0.42 0.00 | 60.29 0.51 0.00 | 36.21 0.13 0.00 | 31.95 -0.01 0.00 | 30.26 -0.14 0.00 | 31.34 -0.29 0.00 |
| SHOEMAKER___GT 23640 | 29.91 0.96 0.00 | 28.15 0.82 0.00 | 28.07 0.64 0.00 | 27.65 0.52 0.00 | 27.85 0.50 0.00 | 29.88 0.56 0.00 | 31.21 0.82 0.00 | 30.52 1.05 0.00 | 31.07 1.09 1.05 | 33.31 1.24 1.92 | 28.17 1.06 2.91 | 29.40 1.14 2.47 | 25.05 1.25 5.79 | 36.59 1.54 0.00 | 42.17 1.69 0.00 | 41.92 1.80 0.00 | 39.09 2.00 0.00 | 39.58 1.93 0.00 | 40.19 1.78 0.00 | 61.80 2.02 0.00 | 37.41 1.33 0.00 | 33.19 1.23 0.00 | 31.59 1.19 0.00 | 32.83 1.21 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 29.90 0.95 0.00 | 28.14 0.81 0.00 | 28.06 0.63 0.00 | 27.63 0.50 0.00 | 27.83 0.48 0.00 | 29.87 0.55 0.00 | 31.20 0.81 0.00 | 30.51 1.04 0.00 | 31.13 1.09 1.00 | 33.41 1.25 1.82 | 28.34 1.08 2.77 | 29.55 1.16 2.35 | 25.36 1.27 5.50 | 36.63 1.58 0.00 | 42.20 1.72 0.00 | 41.96 1.84 0.00 | 39.12 2.03 0.00 | 39.60 1.95 0.00 | 40.18 1.77 0.00 | 61.75 1.97 0.00 | 37.39 1.30 0.00 | 33.17 1.20 0.00 | 31.57 1.17 0.00 | 32.82 1.19 0.00 |
| SHOREHAM_IC_1 23715 | 39.74 1.86 -8.93 | 31.72 1.62 -2.77 | 28.67 1.24 0.00 | 28.10 0.97 0.00 | 28.25 0.90 0.00 | 30.57 1.26 0.00 | 32.03 1.64 0.00 | 31.15 1.68 0.00 | 33.79 1.57 -1.19 | 37.88 1.72 -2.18 | 35.08 1.74 -3.31 | 35.52 1.97 -2.83 | 38.23 2.04 -6.60 | 37.64 2.59 0.00 | 43.08 2.60 0.00 | 42.58 2.46 0.00 | 39.93 2.84 0.00 | 40.29 2.64 0.00 | 39.86 2.17 0.72 | 62.11 2.34 0.00 | 37.56 1.48 0.00 | 33.36 1.39 0.00 | 32.07 1.67 0.00 | 33.37 1.75 0.00 |
| SHOREHAM_IC_2 23716 | 39.74 1.86 -8.93 | 31.72 1.62 -2.77 | 28.67 1.24 0.00 | 28.10 0.97 0.00 | 28.25 0.90 0.00 | 30.57 1.26 0.00 | 32.03 1.64 0.00 | 31.15 1.68 0.00 | 33.79 1.57 -1.19 | 37.88 1.72 -2.18 | 35.08 1.74 -3.31 | 35.52 1.97 -2.83 | 38.23 2.04 -6.60 | 37.64 2.59 0.00 | 43.08 2.60 0.00 | 42.58 2.46 0.00 | 39.93 2.84 0.00 | 40.29 2.64 0.00 | 39.86 2.17 0.72 | 62.11 2.34 0.00 | 37.56 1.48 0.00 | 33.36 1.39 0.00 | 32.07 1.67 0.00 | 33.37 1.75 0.00 |
| SISSONVILLE___ 23735 | 28.34 -0.62 0.00 | 26.86 -0.48 0.00 | 27.07 -0.36 0.00 | 27.05 -0.08 0.00 | 27.34 -0.01 0.00 | 29.30 -0.02 0.00 | 30.25 -0.14 0.00 | 29.20 -0.27 0.00 | 30.80 -0.23 0.00 | 33.56 -0.42 0.00 | 29.68 -0.34 0.00 | 30.27 -0.46 0.00 | 28.85 -0.75 0.00 | 34.13 -0.92 0.00 | 39.39 -1.08 0.00 | 38.88 -1.24 0.00 | 35.37 -1.72 0.00 | 36.26 -1.39 0.00 | 37.12 -1.30 0.00 | 59.15 -0.62 0.00 | 35.58 -0.50 0.00 | 31.39 -0.57 0.00 | 29.90 -0.49 0.00 | 31.30 -0.33 0.00 |
| SITHE_IND_GS1 24169 | 28.33 -0.62 0.00 | 26.68 -0.65 0.00 | 26.72 -0.71 0.00 | 26.37 -0.76 0.00 | 26.60 -0.75 0.00 | 28.55 -0.77 0.00 | 29.56 -0.83 0.00 | 28.62 -0.85 0.00 | 30.07 -0.96 0.00 | 33.01 -0.98 0.00 | 29.15 -0.88 0.00 | 29.89 -0.85 0.00 | 28.89 -0.70 0.00 | 34.22 -0.83 0.00 | 39.55 -0.92 0.00 | 39.16 -0.97 0.00 | 36.31 -0.78 0.00 | 36.87 -0.78 0.00 | 37.63 -0.79 0.00 | 58.44 -1.34 0.00 | 35.26 -0.82 0.00 | 31.20 -0.76 0.00 | 29.63 -0.77 0.00 | 30.81 -0.82 0.00 |
| SITHE_IND_GS2 24170 | 28.33 -0.62 0.00 | 26.68 -0.65 0.00 | 26.72 -0.71 0.00 | 26.37 -0.76 0.00 | 26.60 -0.75 0.00 | 28.55 -0.77 0.00 | 29.56 -0.83 0.00 | 28.62 -0.85 0.00 | 30.07 -0.96 0.00 | 33.01 -0.98 0.00 | 29.15 -0.88 0.00 | 29.89 -0.85 0.00 | 28.89 -0.70 0.00 | 34.22 -0.83 0.00 | 39.55 -0.92 0.00 | 39.16 -0.97 0.00 | 36.31 -0.78 0.00 | 36.87 -0.78 0.00 | 37.63 -0.79 0.00 | 58.44 -1.34 0.00 | 35.26 -0.82 0.00 | 31.20 -0.76 0.00 | 29.63 -0.77 0.00 | 30.81 -0.82 0.00 |
| SITHE_IND_GS3 24171 | 28.33 -0.62 0.00 | 26.68 -0.65 0.00 | 26.72 -0.71 0.00 | 26.37 -0.76 0.00 | 26.60 -0.75 0.00 | 28.55 -0.77 0.00 | 29.56 -0.83 0.00 | 28.62 -0.85 0.00 | 30.07 -0.96 0.00 | 33.01 -0.98 0.00 | 29.15 -0.88 0.00 | 29.89 -0.85 0.00 | 28.89 -0.70 0.00 | 34.22 -0.83 0.00 | 39.55 -0.92 0.00 | 39.16 -0.97 0.00 | 36.31 -0.78 0.00 | 36.87 -0.78 0.00 | 37.63 -0.79 0.00 | 58.44 -1.34 0.00 | 35.26 -0.82 0.00 | 31.20 -0.76 0.00 | 29.63 -0.77 0.00 | 30.81 -0.82 0.00 |
| SITHE_IND_GS4 24172 | 28.33 -0.62 0.00 | 26.68 -0.65 0.00 | 26.72 -0.71 0.00 | 26.37 -0.76 0.00 | 26.60 -0.75 0.00 | 28.55 -0.77 0.00 | 29.56 -0.83 0.00 | 28.62 -0.85 0.00 | 30.07 -0.96 0.00 | 33.01 -0.98 0.00 | 29.15 -0.88 0.00 | 29.89 -0.85 0.00 | 28.89 -0.70 0.00 | 34.22 -0.83 0.00 | 39.55 -0.92 0.00 | 39.16 -0.97 0.00 | 36.31 -0.78 0.00 | 36.87 -0.78 0.00 | 37.63 -0.79 0.00 | 58.44 -1.34 0.00 | 35.26 -0.82 0.00 | 31.20 -0.76 0.00 | 29.63 -0.77 0.00 | 30.81 -0.82 0.00 |

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| SITHE___BATAVIA 24024 | 28.99 0.04 0.00 | 27.03 -0.31 0.00 | 26.87 -0.55 0.00 | 26.38 -0.75 0.00 | 26.68 -0.67 0.00 | 28.75 -0.57 0.00 | 29.70 -0.69 0.00 | 29.05 -0.43 0.00 | 30.36 -0.67 0.00 | 33.62 -0.36 0.00 | 29.69 -0.34 0.00 | 30.63 -0.10 0.00 | 29.96 0.37 0.00 | 35.32 0.27 0.00 | 41.03 0.55 0.00 | 40.56 0.44 0.00 | 37.58 0.49 0.00 | 38.19 0.54 0.00 | 38.92 0.51 0.00 | 60.87 1.10 0.00 | 36.61 0.53 0.00 | 32.20 0.23 0.00 | 30.39 -0.01 0.00 | 31.39 -0.22 0.00 |
| SITHE___INDEPEND 23800 | 28.34 -0.62 0.00 | 26.68 -0.65 0.00 | 26.72 -0.71 0.00 | 26.38 -0.76 0.00 | 26.60 -0.75 0.00 | 28.55 -0.77 0.00 | 29.56 -0.83 0.00 | 28.62 -0.85 0.00 | 30.07 -0.96 0.00 | 33.01 -0.98 0.00 | 29.15 -0.88 0.00 | 29.88 -0.85 0.00 | 28.89 -0.71 0.00 | 34.22 -0.83 0.00 | 39.54 -0.93 0.00 | 39.15 -0.97 0.00 | 36.31 -0.78 0.00 | 36.87 -0.78 0.00 | 37.63 -0.78 0.00 | 58.44 -1.34 0.00 | 35.26 -0.83 0.00 | 31.20 -0.76 0.00 | 29.63 -0.77 0.00 | 30.81 -0.82 0.00 |
| SITHE___MASSENA 23902 | 28.80 -0.15 0.00 | 27.32 -0.02 0.00 | 27.51 0.08 0.00 | 27.45 0.32 0.00 | 27.71 0.36 0.00 | 29.68 0.36 0.00 | 30.61 0.22 0.00 | 29.57 0.10 0.00 | 31.20 0.17 0.00 | 34.06 0.08 0.00 | 30.13 0.10 0.00 | 30.72 -0.01 0.00 | 29.36 -0.24 0.00 | 34.73 -0.32 0.00 | 40.17 -0.31 0.00 | 39.77 -0.35 0.00 | 36.22 -0.87 0.00 | 36.89 -0.76 0.00 | 37.75 -0.66 0.00 | 59.92 0.14 0.00 | 36.03 -0.05 0.00 | 31.82 -0.15 0.00 | 30.28 -0.11 0.00 | 31.57 -0.05 0.00 |
| SITHE___OGDNSBRG 24021 | 29.12 0.16 0.00 | 27.61 0.27 0.00 | 27.80 0.37 0.00 | 27.78 0.65 0.00 | 28.07 0.72 0.00 | 30.09 0.77 0.00 | 31.03 0.64 0.00 | 29.90 0.42 0.00 | 31.38 0.35 0.00 | 34.11 0.12 0.00 | 30.13 0.10 0.00 | 30.70 -0.03 0.00 | 29.25 -0.35 0.00 | 34.61 -0.45 0.00 | 39.99 -0.49 0.00 | 39.60 -0.52 0.00 | 36.09 -1.01 0.00 | 36.94 -0.71 0.00 | 38.00 -0.42 0.00 | 60.82 1.04 0.00 | 36.70 0.62 0.00 | 32.37 0.41 0.00 | 30.78 0.38 0.00 | 32.08 0.45 0.00 |
| SITHE___STERLING 23777 | 29.71 0.76 0.00 | 27.96 0.62 0.00 | 28.00 0.57 0.00 | 27.64 0.51 0.00 | 27.86 0.51 0.00 | 29.95 0.63 0.00 | 31.13 0.74 0.00 | 30.22 0.75 0.00 | 31.69 0.66 0.00 | 34.66 0.68 0.00 | 30.57 0.54 0.00 | 31.32 0.59 0.00 | 30.29 0.70 0.00 | 35.92 0.87 0.00 | 41.56 1.08 0.00 | 41.21 1.09 0.00 | 38.24 1.15 0.00 | 38.96 1.31 0.00 | 39.85 1.44 0.00 | 61.99 2.21 0.00 | 37.43 1.35 0.00 | 33.00 1.04 0.00 | 31.27 0.86 0.00 | 32.43 0.81 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 28.70 -0.25 0.00 | 26.90 -0.43 0.00 | 26.83 -0.59 0.00 | 26.41 -0.71 0.00 | 26.69 -0.66 0.00 | 28.71 -0.61 0.00 | 29.74 -0.65 0.00 | 28.95 -0.53 0.00 | 30.35 -0.68 0.00 | 33.51 -0.47 0.00 | 29.58 -0.45 0.00 | 30.44 -0.30 0.00 | 29.64 0.05 0.00 | 35.16 0.11 0.00 | 40.74 0.26 0.00 | 40.22 0.10 0.00 | 37.29 0.19 0.00 | 37.94 0.29 0.00 | 38.70 0.28 0.00 | 60.16 0.38 0.00 | 36.16 0.08 0.00 | 31.91 -0.05 0.00 | 30.20 -0.20 0.00 | 31.28 -0.35 0.00 |
| SOUTH CAIRO___GT 23612 | 30.57 1.61 0.00 | 28.77 1.44 0.00 | 28.82 1.39 0.00 | 28.42 1.29 0.00 | 28.63 1.28 0.00 | 30.70 1.39 0.00 | 31.95 1.56 0.00 | 31.08 1.61 0.00 | 32.58 1.55 0.00 | 35.41 1.42 0.00 | 31.08 1.05 0.00 | 31.69 0.96 0.00 | 30.53 0.94 0.00 | 36.16 1.11 0.00 | 41.88 1.40 0.00 | 41.72 1.60 0.00 | 39.01 1.92 0.00 | 39.87 2.22 0.00 | 41.03 2.62 0.00 | 63.70 3.93 0.00 | 38.60 2.51 0.00 | 34.26 2.29 0.00 | 32.62 2.22 0.00 | 33.77 2.15 0.00 |
| SOUTH HAMPTN___IC 23720 | 40.36 2.48 -8.93 | 32.29 2.18 -2.77 | 29.21 1.79 0.00 | 28.62 1.49 0.00 | 28.77 1.42 0.00 | 31.13 1.81 0.00 | 32.62 2.23 0.00 | 31.76 2.29 0.00 | 34.53 2.30 -1.19 | 38.81 2.65 -2.18 | 35.87 2.53 -3.31 | 36.35 2.79 -2.83 | 39.06 2.86 -6.60 | 38.64 3.59 0.00 | 44.25 3.77 0.00 | 43.73 3.61 0.00 | 40.97 3.88 0.00 | 41.33 3.68 0.00 | 40.84 3.15 0.72 | 63.58 3.81 0.00 | 38.44 2.35 0.00 | 34.12 2.16 0.00 | 32.79 2.39 0.00 | 34.10 2.48 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 29.08 0.13 0.00 | 27.13 -0.20 0.00 | 26.97 -0.46 0.00 | 26.15 -0.98 0.00 | 26.20 -1.16 0.00 | 28.26 -1.06 0.00 | 29.49 -0.89 0.00 | 29.13 -0.35 0.00 | 30.59 -0.44 0.00 | 34.29 0.30 0.00 | 30.33 0.30 0.00 | 31.37 0.63 0.00 | 30.83 1.23 0.00 | 36.37 1.31 0.00 | 42.05 1.58 0.00 | 40.99 0.86 0.00 | 37.57 0.48 0.00 | 37.95 0.30 0.00 | 38.33 -0.08 0.00 | 59.71 -0.06 0.00 | 35.71 -0.37 0.00 | 31.52 -0.44 0.00 | 29.73 -0.66 0.00 | 30.79 -0.84 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 41.01 3.13 -8.93 | 32.88 2.78 -2.77 | 29.79 2.36 0.00 | 29.19 2.05 0.00 | 29.32 1.97 0.00 | 31.72 2.40 0.00 | 33.26 2.87 0.00 | 32.39 2.92 0.00 | 35.24 3.02 -1.19 | 39.66 3.49 -2.18 | 36.60 3.26 -3.31 | 37.08 3.52 -2.83 | 39.85 3.66 -6.60 | 39.62 4.57 0.00 | 45.41 4.93 0.00 | 44.87 4.75 0.00 | 42.06 4.97 0.00 | 42.42 4.78 0.00 | 41.90 4.21 0.72 | 65.04 5.27 0.00 | 39.32 3.24 0.00 | 34.94 2.98 0.00 | 33.58 3.18 0.00 | 34.90 3.27 0.00 |
| SOUTHOLD___IC 23719 | 41.01 3.13 -8.93 | 32.88 2.78 -2.77 | 29.80 2.37 0.00 | 29.19 2.06 0.00 | 29.32 1.97 0.00 | 31.72 2.41 0.00 | 33.26 2.88 0.00 | 32.40 2.92 0.00 | 35.24 3.02 -1.19 | 39.66 3.49 -2.18 | 36.59 3.25 -3.31 | 37.06 3.50 -2.83 | 39.84 3.65 -6.60 | 39.62 4.57 0.00 | 45.40 4.93 0.00 | 44.87 4.74 0.00 | 42.06 4.97 0.00 | 42.43 4.78 0.00 | 41.90 4.21 0.72 | 65.06 5.29 0.00 | 39.32 3.23 0.00 | 34.94 2.98 0.00 | 33.58 3.18 0.00 | 34.90 3.27 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 41.19 3.31 -8.93 | 33.05 2.95 -2.77 | 29.97 2.54 0.00 | 29.35 2.22 0.00 | 29.48 2.12 0.00 | 31.89 2.58 0.00 | 33.44 3.05 0.00 | 32.56 3.09 0.00 | 35.43 3.21 -1.19 | 39.87 3.71 -2.18 | 36.77 3.43 -3.31 | 37.20 3.64 -2.83 | 39.94 3.75 -6.60 | 39.75 4.70 0.00 | 45.53 5.05 0.00 | 44.95 4.83 0.00 | 42.15 5.06 0.00 | 42.50 4.86 0.00 | 41.95 4.26 0.72 | 65.07 5.30 0.00 | 39.34 3.26 0.00 | 35.01 3.05 0.00 | 33.69 3.29 0.00 | 35.02 3.40 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 31.22 2.27 0.00 | 29.29 1.96 0.00 | 29.31 1.88 0.00 | 28.90 1.77 0.00 | 29.11 1.77 0.00 | 31.27 1.95 0.00 | 32.64 2.26 0.00 | 31.75 2.28 0.00 | 33.50 2.28 -0.19 | 36.59 2.27 -0.34 | 32.20 1.66 -0.51 | 32.79 1.63 -0.43 | 32.26 1.65 -1.02 | 36.85 1.80 0.00 | 42.68 2.20 0.00 | 42.63 2.51 0.00 | 39.69 2.60 0.00 | 40.55 2.90 0.00 | 41.84 3.43 0.00 | 64.75 4.98 0.00 | 39.66 3.57 0.00 | 35.04 3.08 0.00 | 32.92 2.52 0.00 | 34.35 2.73 0.00 |
| ST LAWRENCE____ 23600 | 28.57 -0.38 0.00 | 27.09 -0.24 0.00 | 27.28 -0.15 0.00 | 27.19 0.06 0.00 | 27.44 0.09 0.00 | 29.38 0.06 0.00 | 30.33 -0.06 0.00 | 29.29 -0.18 0.00 | 30.93 -0.10 0.00 | 33.79 -0.20 0.00 | 29.89 -0.13 0.00 | 30.50 -0.24 0.00 | 29.17 -0.43 0.00 | 34.51 -0.54 0.00 | 39.91 -0.57 0.00 | 39.56 -0.56 0.00 | 36.27 -0.83 0.00 | 36.86 -0.78 0.00 | 37.70 -0.72 0.00 | 59.32 -0.45 0.00 | 35.68 -0.40 0.00 | 31.52 -0.44 0.00 | 29.99 -0.40 0.00 | 31.24 -0.38 0.00 |
| STATE_CA_115KV_115_LB 55624 | 29.50 0.55 0.00 | 27.83 0.49 0.00 | 27.86 0.43 0.00 | 27.46 0.33 0.00 | 27.67 0.32 0.00 | 29.64 0.32 0.00 | 30.86 0.47 0.00 | 30.04 0.57 0.00 | 31.82 0.60 -0.19 | 34.96 0.63 -0.35 | 31.07 0.51 -0.54 | 31.68 0.49 -0.46 | 31.16 0.50 -1.07 | 35.62 0.57 0.00 | 41.11 0.63 0.00 | 40.78 0.66 0.00 | 37.97 0.88 0.00 | 38.52 0.87 0.00 | 39.27 0.86 0.00 | 60.59 0.82 0.00 | 36.71 0.62 0.00 | 32.65 0.69 0.00 | 31.24 0.84 0.00 | 32.46 0.84 0.00 |

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| STATE_ST_34_KV_LOAD 55959 | 29.25 0.30 0.00 | 27.50 0.16 0.00 | 27.51 0.08 0.00 | 27.05 -0.08 0.00 | 27.35 0.00 0.00 | 29.42 0.10 0.00 | 30.53 0.14 0.00 | 29.55 0.07 0.00 | 30.95 -0.08 0.00 | 34.02 0.04 0.00 | 29.86 -0.16 0.00 | 30.64 -0.09 0.00 | 29.73 0.14 0.00 | 35.40 0.35 0.00 | 40.99 0.51 0.00 | 40.47 0.35 0.00 | 37.70 0.61 0.00 | 38.38 0.73 0.00 | 39.29 0.88 0.00 | 60.85 1.08 0.00 | 36.59 0.50 0.00 | 32.43 0.47 0.00 | 30.73 0.33 0.00 | 31.90 0.28 0.00 |
| STATION 5_MISC_HYD 23604 | 28.68 -0.27 0.00 | 26.84 -0.49 0.00 | 26.75 -0.68 0.00 | 26.31 -0.82 0.00 | 26.57 -0.78 0.00 | 28.60 -0.72 0.00 | 29.56 -0.82 0.00 | 28.82 -0.66 0.00 | 30.20 -0.84 0.00 | 33.42 -0.56 0.00 | 29.58 -0.45 0.00 | 30.48 -0.25 0.00 | 29.71 0.11 0.00 | 35.15 0.09 0.00 | 40.72 0.24 0.00 | 40.11 -0.01 0.00 | 37.16 0.07 0.00 | 37.78 0.14 0.00 | 38.49 0.07 0.00 | 60.04 0.27 0.00 | 36.10 0.02 0.00 | 31.80 -0.16 0.00 | 30.11 -0.29 0.00 | 31.16 -0.46 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 28.95 0.00 0.00 | 27.12 -0.22 0.00 | 27.05 -0.38 0.00 | 26.63 -0.49 0.00 | 26.89 -0.46 0.00 | 28.94 -0.38 0.00 | 30.00 -0.39 0.00 | 29.23 -0.24 0.00 | 30.64 -0.39 0.00 | 33.84 -0.14 0.00 | 29.88 -0.14 0.00 | 30.75 0.02 0.00 | 29.96 0.36 0.00 | 35.49 0.44 0.00 | 41.14 0.67 0.00 | 40.59 0.47 0.00 | 37.66 0.56 0.00 | 38.31 0.66 0.00 | 39.03 0.61 0.00 | 60.71 0.93 0.00 | 36.50 0.41 0.00 | 32.18 0.22 0.00 | 30.46 0.06 0.00 | 31.51 -0.10 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 28.57 -0.38 0.00 | 26.73 -0.60 0.00 | 26.65 -0.78 0.00 | 26.22 -0.91 0.00 | 26.48 -0.87 0.00 | 28.49 -0.83 0.00 | 29.46 -0.92 0.00 | 28.72 -0.75 0.00 | 30.11 -0.92 0.00 | 33.32 -0.66 0.00 | 29.48 -0.55 0.00 | 30.37 -0.37 0.00 | 29.61 0.02 0.00 | 35.04 -0.01 0.00 | 40.61 0.13 0.00 | 40.03 -0.09 0.00 | 37.08 -0.01 0.00 | 37.70 0.05 0.00 | 38.40 -0.02 0.00 | 59.86 0.08 0.00 | 35.99 -0.09 0.00 | 31.70 -0.26 0.00 | 30.01 -0.38 0.00 | 31.06 -0.55 0.00 |
| STA_56___34_KV_BUS2 355983 | 28.57 -0.38 0.00 | 26.73 -0.60 0.00 | 26.65 -0.78 0.00 | 26.22 -0.91 0.00 | 26.48 -0.87 0.00 | 28.49 -0.83 0.00 | 29.46 -0.92 0.00 | 28.72 -0.75 0.00 | 30.11 -0.92 0.00 | 33.32 -0.66 0.00 | 29.48 -0.55 0.00 | 30.37 -0.37 0.00 | 29.61 0.02 0.00 | 35.04 -0.01 0.00 | 40.61 0.13 0.00 | 40.03 -0.09 0.00 | 37.08 -0.01 0.00 | 37.70 0.05 0.00 | 38.40 -0.02 0.00 | 59.86 0.08 0.00 | 35.99 -0.09 0.00 | 31.70 -0.26 0.00 | 30.01 -0.38 0.00 | 31.06 -0.55 0.00 |
| STA_67___115KV_BK2 355882 | 28.61 -0.34 0.00 | 26.77 -0.56 0.00 | 26.69 -0.74 0.00 | 26.26 -0.87 0.00 | 26.52 -0.83 0.00 | 28.53 -0.79 0.00 | 29.50 -0.89 0.00 | 28.75 -0.72 0.00 | 30.13 -0.90 0.00 | 33.34 -0.64 0.00 | 29.50 -0.53 0.00 | 30.38 -0.36 0.00 | 29.62 0.02 0.00 | 35.02 -0.03 0.00 | 40.57 0.09 0.00 | 39.96 -0.16 0.00 | 37.02 -0.08 0.00 | 37.65 0.00 0.00 | 38.36 -0.06 0.00 | 59.81 0.04 0.00 | 35.98 -0.11 0.00 | 31.70 -0.26 0.00 | 30.02 -0.38 0.00 | 31.07 -0.55 0.00 |
| STA_7___115KV_9TRANS 80674 | 28.84 -0.11 0.00 | 26.97 -0.36 0.00 | 26.88 -0.55 0.00 | 26.44 -0.69 0.00 | 26.70 -0.65 0.00 | 28.73 -0.58 0.00 | 29.71 -0.68 0.00 | 28.96 -0.51 0.00 | 30.35 -0.68 0.00 | 33.61 -0.37 0.00 | 29.74 -0.29 0.00 | 30.66 -0.07 0.00 | 29.92 0.33 0.00 | 35.41 0.36 0.00 | 41.06 0.58 0.00 | 40.47 0.34 0.00 | 37.50 0.41 0.00 | 38.13 0.48 0.00 | 38.83 0.41 0.00 | 60.52 0.75 0.00 | 36.40 0.31 0.00 | 32.05 0.09 0.00 | 30.33 -0.07 0.00 | 31.37 -0.25 0.00 |
| STA_82___115KV_TB1 80780 | 28.62 -0.33 0.00 | 26.78 -0.55 0.00 | 26.70 -0.73 0.00 | 26.27 -0.86 0.00 | 26.53 -0.83 0.00 | 28.55 -0.77 0.00 | 29.51 -0.88 0.00 | 28.77 -0.71 0.00 | 30.14 -0.89 0.00 | 33.36 -0.63 0.00 | 29.50 -0.53 0.00 | 30.39 -0.34 0.00 | 29.63 0.04 0.00 | 35.04 -0.01 0.00 | 40.59 0.12 0.00 | 39.98 -0.14 0.00 | 37.05 -0.05 0.00 | 37.67 0.02 0.00 | 38.37 -0.04 0.00 | 59.87 0.09 0.00 | 36.00 -0.08 0.00 | 31.73 -0.23 0.00 | 30.03 -0.37 0.00 | 31.10 -0.52 0.00 |
| STEEL___WIND 323596 | 28.28 -0.67 0.00 | 26.35 -0.98 0.00 | 26.23 -1.20 0.00 | 25.72 -1.41 0.00 | 25.98 -1.37 0.00 | 28.00 -1.32 0.00 | 28.91 -1.48 0.00 | 28.30 -1.17 0.00 | 29.61 -1.42 0.00 | 33.02 -0.97 0.00 | 29.18 -0.85 0.00 | 30.16 -0.57 0.00 | 29.56 -0.03 0.00 | 34.82 -0.23 0.00 | 40.29 -0.19 0.00 | 39.29 -0.84 0.00 | 36.18 -0.91 0.00 | 36.75 -0.90 0.00 | 37.41 -1.01 0.00 | 58.55 -1.22 0.00 | 35.20 -0.88 0.00 | 30.99 -0.98 0.00 | 29.33 -1.07 0.00 | 30.36 -1.26 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 29.63 0.68 0.00 | 27.86 0.53 0.00 | 27.93 0.50 0.00 | 27.46 0.34 0.00 | 27.69 0.34 0.00 | 29.68 0.36 0.00 | 31.01 0.62 0.00 | 30.17 0.70 0.00 | 31.92 0.69 0.00 | 35.06 0.72 0.00 | 31.15 0.58 0.00 | 31.88 0.68 0.00 | 31.32 0.64 0.00 | 35.83 0.78 0.00 | 41.40 0.92 0.00 | 41.10 0.98 0.00 | 38.21 1.12 0.00 | 38.83 1.18 0.00 | 39.57 1.16 0.00 | 61.03 1.26 0.00 | 36.89 0.81 0.00 | 32.74 0.78 0.00 | 31.40 1.01 0.00 | 32.56 0.94 0.00 |
| STEUBEN_REC_LFGE 323667 | 29.62 0.67 0.00 | 27.66 0.33 0.00 | 27.27 -0.16 0.00 | 26.96 -0.17 0.00 | 27.07 -0.28 0.00 | 29.23 -0.09 0.00 | 30.50 0.11 0.00 | 29.74 0.27 0.00 | 31.09 0.05 0.00 | 34.50 0.52 0.00 | 30.11 0.08 0.00 | 30.56 -0.17 0.00 | 30.12 0.52 0.00 | 35.66 0.61 0.00 | 41.48 1.00 0.00 | 40.91 0.79 0.00 | 38.09 1.00 0.00 | 38.83 1.18 0.00 | 39.13 0.71 0.00 | 60.40 0.62 0.00 | 35.97 -0.11 0.00 | 31.30 -0.67 0.00 | 29.80 -0.60 0.00 | 30.70 -0.92 0.00 |
| STILLWATER___SOLAR 323814 | 30.73 1.78 0.00 | 28.91 1.57 0.00 | 28.93 1.50 0.00 | 28.53 1.40 0.00 | 28.74 1.39 0.00 | 30.84 1.52 0.00 | 32.15 1.77 0.00 | 31.27 1.80 0.00 | 33.00 1.77 -0.19 | 36.12 1.79 -0.35 | 31.91 1.36 -0.53 | 32.50 1.32 -0.45 | 31.93 1.29 -1.05 | 36.50 1.45 0.00 | 42.21 1.73 0.00 | 42.01 1.89 0.00 | 39.16 2.06 0.00 | 39.90 2.25 0.00 | 40.95 2.53 0.00 | 63.36 3.58 0.00 | 38.54 2.45 0.00 | 34.15 2.19 0.00 | 32.35 1.95 0.00 | 33.69 2.06 0.00 |
| STONY___BROOK 24151 | 39.89 2.01 -8.93 | 31.86 1.76 -2.77 | 28.81 1.39 0.00 | 28.26 1.13 0.00 | 28.43 1.08 0.00 | 30.69 1.37 0.00 | 32.14 1.75 0.00 | 31.34 1.87 0.00 | 34.09 1.87 -1.19 | 38.26 2.10 -2.18 | 35.42 2.07 -3.31 | 35.88 2.32 -2.83 | 38.57 2.38 -6.60 | 38.00 2.95 0.00 | 43.45 2.97 0.00 | 42.81 2.69 0.00 | 40.05 2.96 0.00 | 40.40 2.75 0.00 | 39.97 2.28 0.72 | 62.53 2.76 0.00 | 37.81 1.73 0.00 | 33.58 1.62 0.00 | 32.32 1.92 0.00 | 33.67 2.05 0.00 |
| STURGEON_POOL_HYD 23609 | 30.02 1.07 0.00 | 28.22 0.89 0.00 | 28.10 0.67 0.00 | 27.63 0.50 0.00 | 27.83 0.48 0.00 | 29.87 0.55 0.00 | 31.27 0.88 0.00 | 30.64 1.16 0.00 | 32.33 1.30 0.00 | 35.57 1.59 0.00 | 31.44 1.42 0.00 | 32.31 1.58 0.00 | 31.30 1.71 0.00 | 37.16 2.11 0.00 | 42.78 2.30 0.00 | 42.51 2.39 0.00 | 39.67 2.58 0.00 | 40.10 2.45 0.00 | 40.57 2.16 0.00 | 62.08 2.31 0.00 | 37.55 1.47 0.00 | 33.32 1.36 0.00 | 31.69 1.29 0.00 | 32.93 1.31 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 28.54 -0.41 0.00 | 27.07 -0.26 0.00 | 27.27 -0.16 0.00 | 27.19 0.06 0.00 | 27.44 0.09 0.00 | 29.39 0.07 0.00 | 30.31 -0.08 0.00 | 29.27 -0.20 0.00 | 30.92 -0.11 0.00 | 33.76 -0.22 0.00 | 29.88 -0.15 0.00 | 30.46 -0.27 0.00 | 29.12 -0.47 0.00 | 34.45 -0.60 0.00 | 39.85 -0.63 0.00 | 39.50 -0.62 0.00 | 36.17 -0.92 0.00 | 36.79 -0.86 0.00 | 37.61 -0.80 0.00 | 59.29 -0.48 0.00 | 35.66 -0.42 0.00 | 31.50 -0.46 0.00 | 29.97 -0.42 0.00 | 31.23 -0.39 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ST_LAW_115_BK8_LBMP 345038 | 28.54 -0.41 0.00 | 27.07 -0.26 0.00 | 27.27 -0.16 0.00 | 27.19 0.06 0.00 | 27.44 0.09 0.00 | 29.39 0.07 0.00 | 30.31 -0.08 0.00 | 29.27 -0.20 0.00 | 30.92 -0.11 0.00 | 33.76 -0.22 0.00 | 29.88 -0.15 0.00 | 30.46 -0.27 0.00 | 29.12 -0.47 0.00 | 34.45 -0.60 0.00 | 39.85 -0.63 0.00 | 39.50 -0.62 0.00 | 36.17 -0.92 0.00 | 36.79 -0.86 0.00 | 37.61 -0.80 0.00 | 59.29 -0.48 0.00 | 35.66 -0.42 0.00 | 31.50 -0.46 0.00 | 29.97 -0.42 0.00 | 31.23 -0.39 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 28.57 -0.38 0.00 | 27.09 -0.24 0.00 | 27.28 -0.15 0.00 | 27.19 0.06 0.00 | 27.44 0.09 0.00 | 29.38 0.06 0.00 | 30.33 -0.06 0.00 | 29.29 -0.18 0.00 | 30.93 -0.10 0.00 | 33.79 -0.20 0.00 | 29.89 -0.13 0.00 | 30.50 -0.24 0.00 | 29.17 -0.43 0.00 | 34.51 -0.54 0.00 | 39.91 -0.57 0.00 | 39.56 -0.56 0.00 | 36.27 -0.83 0.00 | 36.86 -0.78 0.00 | 37.70 -0.72 0.00 | 59.32 -0.45 0.00 | 35.68 -0.40 0.00 | 31.52 -0.44 0.00 | 29.99 -0.40 0.00 | 31.24 -0.38 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 28.57 -0.38 0.00 | 27.09 -0.24 0.00 | 27.28 -0.15 0.00 | 27.19 0.06 0.00 | 27.44 0.09 0.00 | 29.38 0.06 0.00 | 30.33 -0.06 0.00 | 29.29 -0.18 0.00 | 30.93 -0.10 0.00 | 33.79 -0.20 0.00 | 29.89 -0.13 0.00 | 30.50 -0.24 0.00 | 29.17 -0.43 0.00 | 34.51 -0.54 0.00 | 39.91 -0.57 0.00 | 39.56 -0.56 0.00 | 36.27 -0.83 0.00 | 36.86 -0.78 0.00 | 37.70 -0.72 0.00 | 59.32 -0.45 0.00 | 35.68 -0.40 0.00 | 31.52 -0.44 0.00 | 29.99 -0.40 0.00 | 31.24 -0.38 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 30.01 1.06 0.00 | 28.24 0.91 0.00 | 28.13 0.70 0.00 | 27.69 0.56 0.00 | 27.90 0.54 0.00 | 29.93 0.62 0.00 | 31.31 0.92 0.00 | 30.65 1.18 0.00 | 31.07 1.26 1.22 | 33.22 1.47 2.24 | 27.93 1.30 3.40 | 29.28 1.42 2.88 | 24.39 1.54 6.75 | 36.96 1.90 0.00 | 42.57 2.09 0.00 | 42.32 2.20 0.00 | 39.48 2.38 0.00 | 39.93 2.28 0.00 | 40.45 2.04 0.00 | 62.03 2.26 0.00 | 37.54 1.46 0.00 | 33.30 1.34 0.00 | 31.71 1.31 0.00 | 32.97 1.34 0.00 |
| SWANROAD_115KV_TB1 355699 | 27.54 -1.42 0.00 | 25.67 -1.66 0.00 | 25.52 -1.91 0.00 | 25.08 -2.06 0.00 | 25.38 -1.97 0.00 | 27.30 -2.02 0.00 | 28.09 -2.29 0.00 | 27.46 -2.02 0.00 | 28.77 -2.27 0.00 | 32.00 -1.98 0.00 | 28.27 -1.76 0.00 | 29.18 -1.56 0.00 | 28.57 -1.02 0.00 | 33.54 -1.51 0.00 | 38.76 -1.72 0.00 | 37.75 -2.37 0.00 | 34.87 -2.22 0.00 | 35.52 -2.12 0.00 | 36.24 -2.18 0.00 | 56.90 -2.87 0.00 | 34.28 -1.80 0.00 | 30.18 -1.78 0.00 | 28.57 -1.83 0.00 | 29.61 -2.01 0.00 |
| SYNERGY___BIOGAS 323694 | 28.99 0.04 0.00 | 27.03 -0.31 0.00 | 26.87 -0.55 0.00 | 26.38 -0.75 0.00 | 26.68 -0.67 0.00 | 28.75 -0.57 0.00 | 29.70 -0.69 0.00 | 29.05 -0.43 0.00 | 30.36 -0.67 0.00 | 33.62 -0.36 0.00 | 29.69 -0.34 0.00 | 30.63 -0.10 0.00 | 29.96 0.37 0.00 | 35.32 0.27 0.00 | 41.03 0.55 0.00 | 40.56 0.44 0.00 | 37.58 0.49 0.00 | 38.19 0.54 0.00 | 38.92 0.51 0.00 | 60.87 1.10 0.00 | 36.61 0.53 0.00 | 32.20 0.23 0.00 | 30.39 -0.01 0.00 | 31.39 -0.22 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 29.11 0.15 0.00 | 27.37 0.04 0.00 | 27.40 -0.04 0.00 | 27.01 -0.12 0.00 | 27.26 -0.09 0.00 | 29.27 -0.05 0.00 | 30.36 -0.03 0.00 | 29.44 -0.03 0.00 | 30.90 -0.13 0.00 | 33.94 -0.04 0.00 | 29.94 -0.09 0.00 | 30.74 0.01 0.00 | 29.78 0.18 0.00 | 35.33 0.28 0.00 | 40.82 0.34 0.00 | 40.40 0.28 0.00 | 37.53 0.44 0.00 | 38.14 0.50 0.00 | 38.93 0.51 0.00 | 60.37 0.60 0.00 | 36.38 0.29 0.00 | 32.19 0.23 0.00 | 30.53 0.13 0.00 | 31.70 0.08 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 29.11 0.15 0.00 | 27.37 0.04 0.00 | 27.40 -0.04 0.00 | 27.01 -0.12 0.00 | 27.26 -0.09 0.00 | 29.27 -0.05 0.00 | 30.36 -0.03 0.00 | 29.44 -0.03 0.00 | 30.90 -0.13 0.00 | 33.94 -0.04 0.00 | 29.94 -0.09 0.00 | 30.74 0.01 0.00 | 29.78 0.18 0.00 | 35.33 0.28 0.00 | 40.82 0.34 0.00 | 40.40 0.28 0.00 | 37.53 0.44 0.00 | 38.14 0.50 0.00 | 38.93 0.51 0.00 | 60.37 0.60 0.00 | 36.38 0.29 0.00 | 32.19 0.23 0.00 | 30.53 0.13 0.00 | 31.70 0.08 0.00 |
| SYRACUSE___POWER 24017 | 28.97 0.02 0.00 | 27.25 -0.09 0.00 | 27.27 -0.16 0.00 | 26.90 -0.23 0.00 | 27.13 -0.22 0.00 | 29.13 -0.19 0.00 | 30.21 -0.18 0.00 | 29.31 -0.16 0.00 | 30.79 -0.25 0.00 | 33.81 -0.18 0.00 | 29.87 -0.16 0.00 | 30.66 -0.07 0.00 | 29.70 0.10 0.00 | 35.21 0.15 0.00 | 40.68 0.20 0.00 | 40.29 0.17 0.00 | 37.48 0.39 0.00 | 38.07 0.42 0.00 | 38.85 0.43 0.00 | 60.28 0.51 0.00 | 36.34 0.26 0.00 | 32.16 0.20 0.00 | 30.51 0.10 0.00 | 31.67 0.04 0.00 |
| TALLMAN___138KV_BK151 55660 | 30.12 1.17 0.00 | 28.35 1.02 0.00 | 28.20 0.77 0.00 | 27.75 0.61 0.00 | 27.95 0.60 0.00 | 30.01 0.69 0.00 | 31.41 1.02 0.00 | 30.79 1.32 0.00 | 30.79 1.42 1.66 | 32.61 1.66 3.03 | 26.89 1.46 4.60 | 28.43 1.61 3.91 | 22.19 1.74 9.15 | 37.22 2.17 0.00 | 42.85 2.37 0.00 | 42.60 2.48 0.00 | 39.77 2.67 0.00 | 40.17 2.52 0.00 | 40.62 2.20 0.00 | 62.16 2.39 0.00 | 37.63 1.55 0.00 | 33.41 1.45 0.00 | 31.81 1.41 0.00 | 33.09 1.48 0.00 |
| TEALLAVE_115KV_TB7 355573 | 28.89 -0.07 0.00 | 27.16 -0.17 0.00 | 27.18 -0.25 0.00 | 26.82 -0.31 0.00 | 27.04 -0.31 0.00 | 29.03 -0.29 0.00 | 30.11 -0.28 0.00 | 29.21 -0.26 0.00 | 30.68 -0.35 0.00 | 33.71 -0.28 0.00 | 29.77 -0.26 0.00 | 30.55 -0.18 0.00 | 29.60 0.00 0.00 | 35.08 0.03 0.00 | 40.53 0.05 0.00 | 40.13 0.01 0.00 | 37.26 0.17 0.00 | 37.87 0.22 0.00 | 38.62 0.21 0.00 | 59.92 0.15 0.00 | 36.13 0.05 0.00 | 31.99 0.03 0.00 | 30.34 -0.06 0.00 | 31.49 -0.12 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 28.30 -0.65 0.00 | 26.38 -0.95 0.00 | 26.23 -1.20 0.00 | 25.77 -1.36 0.00 | 26.06 -1.29 0.00 | 28.06 -1.26 0.00 | 28.92 -1.46 0.00 | 28.30 -1.18 0.00 | 29.64 -1.39 0.00 | 32.94 -1.04 0.00 | 29.10 -0.93 0.00 | 30.04 -0.69 0.00 | 29.42 -0.17 0.00 | 34.63 -0.42 0.00 | 40.12 -0.36 0.00 | 39.28 -0.85 0.00 | 36.30 -0.80 0.00 | 36.93 -0.72 0.00 | 37.63 -0.78 0.00 | 58.96 -0.82 0.00 | 35.48 -0.60 0.00 | 31.22 -0.74 0.00 | 29.51 -0.89 0.00 | 30.54 -1.08 0.00 |
| TEMPLE___115KV_TB 2 55572 | 28.89 -0.06 0.00 | 27.18 -0.16 0.00 | 27.19 -0.24 0.00 | 26.82 -0.31 0.00 | 27.04 -0.31 0.00 | 29.04 -0.28 0.00 | 30.12 -0.27 0.00 | 29.23 -0.25 0.00 | 30.70 -0.33 0.00 | 33.73 -0.26 0.00 | 29.80 -0.23 0.00 | 30.58 -0.15 0.00 | 29.63 0.03 0.00 | 35.11 0.06 0.00 | 40.56 0.08 0.00 | 40.17 0.05 0.00 | 37.29 0.20 0.00 | 37.89 0.24 0.00 | 38.64 0.23 0.00 | 59.97 0.20 0.00 | 36.16 0.07 0.00 | 32.00 0.04 0.00 | 30.35 -0.05 0.00 | 31.52 -0.10 0.00 |
| TIANA____69_KV_BK 1 55817 | 40.20 2.32 -8.93 | 32.13 2.03 -2.77 | 29.07 1.64 0.00 | 28.48 1.35 0.00 | 28.64 1.29 0.00 | 30.97 1.66 0.00 | 32.46 2.07 0.00 | 31.60 2.13 0.00 | 34.34 2.12 -1.19 | 38.59 2.42 -2.18 | 35.70 2.36 -3.31 | 36.17 2.62 -2.83 | 38.87 2.68 -6.60 | 38.42 3.37 0.00 | 43.99 3.51 0.00 | 43.48 3.36 0.00 | 40.74 3.65 0.00 | 41.10 3.45 0.00 | 40.63 2.94 0.72 | 63.29 3.51 0.00 | 38.26 2.17 0.00 | 33.95 1.98 0.00 | 32.62 2.23 0.00 | 33.92 2.31 0.00 |
| TILDEN___115KV_TB1 80814 | 28.97 0.02 0.00 | 27.25 -0.09 0.00 | 27.27 -0.16 0.00 | 26.90 -0.23 0.00 | 27.13 -0.22 0.00 | 29.13 -0.19 0.00 | 30.21 -0.18 0.00 | 29.31 -0.16 0.00 | 30.79 -0.25 0.00 | 33.81 -0.18 0.00 | 29.87 -0.16 0.00 | 30.66 -0.07 0.00 | 29.70 0.10 0.00 | 35.21 0.15 0.00 | 40.68 0.20 0.00 | 40.29 0.17 0.00 | 37.48 0.39 0.00 | 38.07 0.42 0.00 | 38.85 0.43 0.00 | 60.28 0.51 0.00 | 36.34 0.26 0.00 | 32.16 0.20 0.00 | 30.51 0.10 0.00 | 31.67 0.04 0.00 |

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| TRIGEN___CC 323695 | 39.70 1.82 -8.93 | 31.69 1.59 -2.77 | 28.69 1.27 0.00 | 28.19 1.06 0.00 | 28.36 1.01 0.00 | 30.52 1.21 0.00 | 31.98 1.59 0.00 | 31.23 1.76 0.00 | 34.05 1.83 -1.19 | 38.23 2.06 -2.18 | 35.35 2.00 -3.31 | 35.81 2.25 -2.83 | 38.51 2.32 -6.60 | 37.89 2.84 0.00 | 43.37 2.89 0.00 | 42.99 2.87 0.00 | 40.13 3.04 0.00 | 40.49 2.84 0.00 | 40.66 2.45 0.21 | 62.55 2.78 0.00 | 37.90 1.82 0.00 | 33.74 1.78 0.00 | 32.31 1.92 0.00 | 33.63 2.01 0.00 |
| TRINITY___115KV___4 BK 55933 | 29.36 0.41 0.00 | 27.70 0.37 0.00 | 27.73 0.30 0.00 | 27.34 0.21 0.00 | 27.54 0.19 0.00 | 29.50 0.18 0.00 | 30.71 0.32 0.00 | 29.90 0.43 0.00 | 31.66 0.44 -0.19 | 34.79 0.45 -0.36 | 30.92 0.34 -0.54 | 31.52 0.32 -0.46 | 31.00 0.32 -1.08 | 35.39 0.35 0.00 | 40.82 0.34 0.00 | 40.49 0.37 0.00 | 37.70 0.61 0.00 | 38.23 0.58 0.00 | 39.00 0.59 0.00 | 60.19 0.42 0.00 | 36.48 0.39 0.00 | 32.46 0.49 0.00 | 31.07 0.67 0.00 | 32.31 0.69 0.00 |
| UNION___PROCESSING_DRP 323587 | 28.63 -0.32 0.00 | 26.79 -0.55 0.00 | 26.71 -0.72 0.00 | 26.28 -0.85 0.00 | 26.53 -0.82 0.00 | 28.55 -0.76 0.00 | 29.52 -0.87 0.00 | 28.78 -0.70 0.00 | 30.16 -0.87 0.00 | 33.36 -0.62 0.00 | 29.50 -0.52 0.00 | 30.40 -0.33 0.00 | 29.64 0.05 0.00 | 35.04 -0.01 0.00 | 40.61 0.13 0.00 | 40.01 -0.11 0.00 | 37.06 -0.03 0.00 | 37.70 0.05 0.00 | 38.40 -0.02 0.00 | 59.88 0.10 0.00 | 36.02 -0.06 0.00 | 31.73 -0.23 0.00 | 30.05 -0.35 0.00 | 31.10 -0.52 0.00 |
| UPPER HUDSON___HYD 24058 | 31.22 2.27 0.00 | 29.29 1.96 0.00 | 29.31 1.88 0.00 | 28.90 1.77 0.00 | 29.12 1.77 0.00 | 31.27 1.95 0.00 | 32.64 2.26 0.00 | 31.75 2.28 0.00 | 33.50 2.28 -0.19 | 36.59 2.27 -0.34 | 32.20 1.66 -0.51 | 32.79 1.63 -0.43 | 32.26 1.65 -1.02 | 36.85 1.80 0.00 | 42.67 2.19 0.00 | 42.63 2.51 0.00 | 39.69 2.60 0.00 | 40.55 2.90 0.00 | 41.84 3.42 0.00 | 64.75 4.98 0.00 | 39.66 3.58 0.00 | 35.04 3.08 0.00 | 32.92 2.52 0.00 | 34.35 2.73 0.00 |
| UPPER RAQUET___HYD 24056 | 28.34 -0.62 0.00 | 26.86 -0.47 0.00 | 27.07 -0.36 0.00 | 27.05 -0.08 0.00 | 27.34 -0.01 0.00 | 29.30 -0.02 0.00 | 30.25 -0.14 0.00 | 29.20 -0.27 0.00 | 30.80 -0.23 0.00 | 33.56 -0.42 0.00 | 29.68 -0.34 0.00 | 30.27 -0.46 0.00 | 28.85 -0.75 0.00 | 34.13 -0.92 0.00 | 39.39 -1.08 0.00 | 38.88 -1.24 0.00 | 35.37 -1.72 0.00 | 36.26 -1.39 0.00 | 37.12 -1.30 0.00 | 59.15 -0.62 0.00 | 35.58 -0.50 0.00 | 31.39 -0.57 0.00 | 29.90 -0.49 0.00 | 31.30 -0.33 0.00 |
| VALLEY44_115KV_TB2 355964 | 28.28 -0.67 0.00 | 26.47 -0.86 0.00 | 26.42 -1.01 0.00 | 25.94 -1.19 0.00 | 26.19 -1.16 0.00 | 28.27 -1.05 0.00 | 29.42 -0.97 0.00 | 28.88 -0.59 0.00 | 30.20 -0.83 0.00 | 33.57 -0.42 0.00 | 29.54 -0.49 0.00 | 30.30 -0.43 0.00 | 29.66 0.06 0.00 | 35.04 -0.01 0.00 | 40.69 0.21 0.00 | 39.76 -0.36 0.00 | 36.59 -0.51 0.00 | 37.06 -0.59 0.00 | 37.54 -0.88 0.00 | 58.63 -1.14 0.00 | 35.10 -0.98 0.00 | 31.04 -0.92 0.00 | 29.49 -0.91 0.00 | 30.52 -1.10 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 29.26 0.31 0.00 | 27.55 0.22 0.00 | 27.57 0.14 0.00 | 27.15 0.02 0.00 | 27.34 -0.01 0.00 | 29.34 0.02 0.00 | 30.54 0.15 0.00 | 29.68 0.21 0.00 | 31.03 0.00 0.00 | 33.82 -0.16 0.00 | 29.74 -0.29 0.00 | 30.43 -0.30 0.00 | 29.41 -0.18 0.00 | 34.92 -0.13 0.00 | 40.38 -0.09 0.00 | 40.10 -0.02 0.00 | 37.31 0.21 0.00 | 38.07 0.42 0.00 | 39.01 0.60 0.00 | 60.41 0.64 0.00 | 36.33 0.25 0.00 | 32.20 0.24 0.00 | 30.77 0.37 0.00 | 32.05 0.42 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 30.03 1.08 0.00 | 28.27 0.93 0.00 | 28.28 0.85 0.00 | 27.88 0.75 0.00 | 28.12 0.77 0.00 | 30.20 0.88 0.00 | 31.40 1.01 0.00 | 30.58 1.10 0.00 | 32.19 1.15 0.00 | 35.35 1.37 0.00 | 31.21 1.19 0.00 | 32.02 1.28 0.00 | 30.99 1.40 0.00 | 36.74 1.69 0.00 | 42.41 1.93 0.00 | 42.08 1.95 0.00 | 39.12 2.02 0.00 | 39.64 1.99 0.00 | 40.43 2.02 0.00 | 62.52 2.74 0.00 | 37.67 1.59 0.00 | 33.36 1.40 0.00 | 31.65 1.25 0.00 | 32.86 1.23 0.00 |
| VISCHER___FERRY HYD 24020 | 30.04 1.08 0.00 | 28.34 1.01 0.00 | 28.36 0.93 0.00 | 27.98 0.85 0.00 | 28.18 0.83 0.00 | 30.18 0.86 0.00 | 31.43 1.05 0.00 | 30.59 1.12 0.00 | 32.34 1.11 -0.20 | 35.46 1.11 -0.37 | 31.45 0.86 -0.56 | 31.99 0.78 -0.47 | 31.42 0.72 -1.11 | 35.82 0.77 0.00 | 41.34 0.87 0.00 | 41.01 0.89 0.00 | 38.19 1.10 0.00 | 38.79 1.14 0.00 | 39.66 1.25 0.00 | 61.29 1.52 0.00 | 37.22 1.14 0.00 | 33.08 1.12 0.00 | 31.50 1.10 0.00 | 32.80 1.18 0.00 |
| V_A_10_SYNC_DSASP 323832 | 27.92 -1.03 0.00 | 26.09 -1.25 0.00 | 25.98 -1.45 0.00 | 25.54 -1.59 0.00 | 25.82 -1.53 0.00 | 27.79 -1.53 0.00 | 28.68 -1.71 0.00 | 28.01 -1.46 0.00 | 29.32 -1.71 0.00 | 32.56 -1.43 0.00 | 28.77 -1.25 0.00 | 29.65 -1.09 0.00 | 28.94 -0.66 0.00 | 34.07 -0.98 0.00 | 39.40 -1.08 0.00 | 38.55 -1.57 0.00 | 35.64 -1.45 0.00 | 36.26 -1.39 0.00 | 36.98 -1.44 0.00 | 57.88 -1.89 0.00 | 34.83 -1.26 0.00 | 30.70 -1.26 0.00 | 29.10 -1.30 0.00 | 30.15 -1.46 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 28.68 -0.28 0.00 | 27.18 -0.15 0.00 | 27.39 -0.04 0.00 | 27.31 0.18 0.00 | 27.56 0.21 0.00 | 29.51 0.19 0.00 | 30.45 0.06 0.00 | 29.41 -0.07 0.00 | 31.05 0.02 0.00 | 33.92 -0.06 0.00 | 30.02 -0.01 0.00 | 30.60 -0.13 0.00 | 29.27 -0.33 0.00 | 34.62 -0.43 0.00 | 40.05 -0.43 0.00 | 39.69 -0.43 0.00 | 36.35 -0.74 0.00 | 36.98 -0.67 0.00 | 37.81 -0.61 0.00 | 59.58 -0.19 0.00 | 35.83 -0.25 0.00 | 31.64 -0.32 0.00 | 30.11 -0.29 0.00 | 31.37 -0.25 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 29.70 0.75 0.00 | 28.02 0.69 0.00 | 28.15 0.73 0.00 | 28.10 0.97 0.00 | 28.50 1.15 0.00 | 30.60 1.28 0.00 | 31.86 1.47 0.00 | 30.81 1.34 0.00 | 32.58 1.54 0.00 | 35.45 1.46 0.00 | 31.54 1.51 0.00 | 32.05 1.32 0.00 | 30.55 0.96 0.00 | 36.16 1.11 0.00 | 41.88 1.40 0.00 | 41.54 1.42 0.00 | 37.85 0.75 0.00 | 38.48 0.84 0.00 | 39.40 0.98 0.00 | 61.72 1.94 0.00 | 37.25 1.16 0.00 | 32.60 0.63 0.00 | 30.85 0.46 0.00 | 31.87 0.25 0.00 |
| V_D_10_SYNC_DSASP 323841 | 28.80 -0.15 0.00 | 27.32 -0.02 0.00 | 27.51 0.08 0.00 | 27.45 0.32 0.00 | 27.71 0.36 0.00 | 29.68 0.36 0.00 | 30.61 0.23 0.00 | 29.57 0.10 0.00 | 31.21 0.18 0.00 | 34.06 0.08 0.00 | 30.14 0.11 0.00 | 30.73 0.00 0.00 | 29.36 -0.23 0.00 | 34.74 -0.31 0.00 | 40.17 -0.31 0.00 | 39.79 -0.33 0.00 | 36.25 -0.84 0.00 | 36.91 -0.74 0.00 | 37.77 -0.64 0.00 | 59.92 0.14 0.00 | 36.04 -0.05 0.00 | 31.82 -0.15 0.00 | 30.28 -0.11 0.00 | 31.57 -0.05 0.00 |
| V_E_10_SYNC_DSASP 323830 | 31.02 2.07 0.00 | 29.12 1.79 0.00 | 29.15 1.72 0.00 | 28.72 1.59 0.00 | 29.00 1.65 0.00 | 31.26 1.94 0.00 | 32.57 2.19 0.00 | 31.73 2.26 0.00 | 33.19 2.15 0.00 | 36.22 2.23 0.00 | 31.70 1.68 0.00 | 32.42 1.69 0.00 | 31.44 1.85 0.00 | 37.28 2.23 0.00 | 43.12 2.64 0.00 | 42.83 2.71 0.00 | 39.90 2.81 0.00 | 40.69 3.04 0.00 | 41.88 3.46 0.00 | 65.11 5.34 0.00 | 39.06 2.98 0.00 | 34.27 2.31 0.00 | 32.18 1.78 0.00 | 33.35 1.73 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 30.79 1.84 0.00 | 28.96 1.62 0.00 | 28.98 1.55 0.00 | 28.58 1.45 0.00 | 28.78 1.44 0.00 | 30.89 1.57 0.00 | 32.21 1.83 0.00 | 31.33 1.86 0.00 | 33.07 1.84 -0.19 | 36.23 1.90 -0.35 | 32.01 1.45 -0.53 | 32.60 1.42 -0.45 | 32.04 1.40 -1.05 | 36.64 1.59 0.00 | 42.40 1.92 0.00 | 42.18 2.05 0.00 | 39.31 2.21 0.00 | 40.04 2.39 0.00 | 41.08 2.67 0.00 | 63.55 3.77 0.00 | 38.63 2.55 0.00 | 34.24 2.28 0.00 | 32.43 2.03 0.00 | 33.76 2.14 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WEST BABYLON___IC 23714 | 40.19 2.32 -8.93 | 32.14 2.04 -2.77 | 29.10 1.67 0.00 | 28.54 1.41 0.00 | 28.71 1.36 0.00 | 30.95 1.63 0.00 | 32.41 2.03 0.00 | 31.64 2.17 0.00 | 34.45 2.23 -1.19 | 38.66 2.50 -2.18 | 35.72 2.37 -3.31 | 36.20 2.64 -2.83 | 38.89 2.70 -6.60 | 38.37 3.32 0.00 | 43.90 3.43 0.00 | 43.44 3.32 0.00 | 40.55 3.46 0.00 | 40.92 3.27 0.00 | 40.58 2.83 0.66 | 63.19 3.42 0.00 | 38.32 2.23 0.00 | 34.07 2.11 0.00 | 32.75 2.35 0.00 | 34.09 2.47 0.00 |
| WEST CANADA___HYD 24049 | 29.08 0.13 0.00 | 27.43 0.09 0.00 | 27.48 0.05 0.00 | 27.15 0.03 0.00 | 27.36 0.01 0.00 | 29.34 0.02 0.00 | 30.45 0.06 0.00 | 29.58 0.10 0.00 | 31.10 0.07 0.00 | 34.07 0.09 0.00 | 30.09 0.06 0.00 | 30.80 0.06 0.00 | 29.71 0.11 0.00 | 35.19 0.14 0.00 | 40.62 0.14 0.00 | 40.27 0.14 0.00 | 37.30 0.21 0.00 | 37.86 0.22 0.00 | 38.64 0.22 0.00 | 59.93 0.15 0.00 | 36.20 0.11 0.00 | 32.09 0.13 0.00 | 30.52 0.12 0.00 | 31.75 0.12 0.00 |
| WESTERN_NY_WIND 24143 | 28.94 -0.01 0.00 | 26.98 -0.36 0.00 | 26.83 -0.60 0.00 | 26.35 -0.78 0.00 | 26.63 -0.72 0.00 | 28.70 -0.62 0.00 | 29.64 -0.75 0.00 | 28.99 -0.48 0.00 | 30.31 -0.72 0.00 | 33.59 -0.39 0.00 | 29.63 -0.40 0.00 | 30.56 -0.17 0.00 | 29.91 0.32 0.00 | 35.27 0.22 0.00 | 40.96 0.49 0.00 | 40.47 0.35 0.00 | 37.50 0.40 0.00 | 38.11 0.46 0.00 | 38.83 0.42 0.00 | 60.74 0.97 0.00 | 36.54 0.46 0.00 | 32.13 0.17 0.00 | 30.33 -0.07 0.00 | 31.34 -0.28 0.00 |
| WESTOVER___LESR 323668 | 29.13 0.17 0.00 | 27.39 0.06 0.00 | 27.43 0.00 0.00 | 27.04 -0.09 0.00 | 27.26 -0.09 0.00 | 29.31 -0.01 0.00 | 30.47 0.08 0.00 | 29.71 0.23 0.00 | 31.13 0.10 0.00 | 34.24 0.26 0.00 | 30.18 0.15 0.00 | 30.96 0.22 0.00 | 30.05 0.46 0.00 | 35.60 0.55 0.00 | 41.18 0.70 0.00 | 40.73 0.61 0.00 | 37.74 0.65 0.00 | 38.29 0.64 0.00 | 39.01 0.59 0.00 | 60.50 0.73 0.00 | 36.42 0.33 0.00 | 32.25 0.28 0.00 | 30.60 0.20 0.00 | 31.76 0.13 0.00 |
| WETHRSFD_WT_PWR 323626 | 28.03 -0.92 0.00 | 26.14 -1.19 0.00 | 26.09 -1.34 0.00 | 25.57 -1.56 0.00 | 25.89 -1.46 0.00 | 27.84 -1.48 0.00 | 28.79 -1.60 0.00 | 28.15 -1.32 0.00 | 29.44 -1.59 0.00 | 32.84 -1.14 0.00 | 28.91 -1.12 0.00 | 29.84 -0.89 0.00 | 29.21 -0.39 0.00 | 34.45 -0.60 0.00 | 40.00 -0.48 0.00 | 39.16 -0.96 0.00 | 36.04 -1.05 0.00 | 36.50 -1.15 0.00 | 37.12 -1.29 0.00 | 57.85 -1.93 0.00 | 34.61 -1.47 0.00 | 30.45 -1.51 0.00 | 28.86 -1.54 0.00 | 29.86 -1.76 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 30.09 1.13 0.00 | 28.32 0.99 0.00 | 28.19 0.76 0.00 | 27.73 0.60 0.00 | 27.94 0.59 0.00 | 29.98 0.66 0.00 | 31.37 0.98 0.00 | 30.76 1.28 0.00 | 30.60 1.36 1.79 | 32.31 1.60 3.27 | 26.44 1.39 4.97 | 28.04 1.52 4.22 | 21.36 1.65 9.89 | 37.11 2.06 0.00 | 42.71 2.24 0.00 | 42.46 2.34 0.00 | 39.64 2.54 0.00 | 40.04 2.39 0.00 | 40.49 2.08 0.00 | 61.98 2.21 0.00 | 37.54 1.46 0.00 | 33.33 1.37 0.00 | 31.75 1.35 0.00 | 33.04 1.42 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 30.09 1.13 0.00 | 28.32 0.99 0.00 | 28.19 0.76 0.00 | 27.73 0.60 0.00 | 27.94 0.59 0.00 | 29.98 0.66 0.00 | 31.37 0.98 0.00 | 30.76 1.28 0.00 | 30.60 1.36 1.79 | 32.31 1.60 3.27 | 26.44 1.39 4.97 | 28.04 1.52 4.22 | 21.36 1.65 9.89 | 37.11 2.06 0.00 | 42.71 2.24 0.00 | 42.46 2.34 0.00 | 39.64 2.54 0.00 | 40.04 2.39 0.00 | 40.49 2.08 0.00 | 61.98 2.21 0.00 | 37.54 1.46 0.00 | 33.33 1.37 0.00 | 31.75 1.35 0.00 | 33.04 1.42 0.00 |
| WHITEHAL_115KV_TB1 80871 | 32.25 3.29 0.00 | 30.06 2.72 0.00 | 30.11 2.68 0.00 | 29.78 2.65 0.00 | 29.97 2.62 0.00 | 32.24 2.92 0.00 | 33.75 3.36 0.00 | 32.70 3.22 0.00 | 34.37 3.15 -0.19 | 37.12 2.80 -0.34 | 32.68 2.14 -0.52 | 33.09 1.92 -0.44 | 32.63 2.00 -1.03 | 37.35 2.30 0.00 | 43.19 2.72 0.00 | 43.52 3.40 0.00 | 40.35 3.26 0.00 | 41.43 3.78 0.00 | 42.76 4.34 0.00 | 66.16 6.39 0.00 | 41.25 5.17 0.00 | 36.39 4.42 0.00 | 34.04 3.65 0.00 | 35.47 3.85 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 30.65 1.70 0.00 | 28.81 1.48 0.00 | 28.66 1.23 0.00 | 28.16 1.04 0.00 | 28.36 1.01 0.00 | 30.45 1.13 0.00 | 31.91 1.52 0.00 | 31.32 1.85 0.00 | 34.30 2.01 -1.26 | 38.63 2.34 -2.31 | 35.62 2.08 -3.51 | 35.97 2.26 -2.98 | 38.96 2.39 -6.97 | 37.98 2.93 0.00 | 43.70 3.23 0.00 | 43.46 3.34 0.00 | 40.56 3.47 0.00 | 40.97 3.33 0.00 | 41.44 3.03 0.00 | 63.40 3.63 0.00 | 38.37 2.29 0.00 | 34.06 2.10 0.00 | 32.43 2.03 0.00 | 33.69 2.07 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 39.90 2.02 -8.93 | 31.86 1.76 -2.77 | 28.82 1.39 0.00 | 28.25 1.12 0.00 | 28.42 1.07 0.00 | 30.70 1.38 0.00 | 32.17 1.78 0.00 | 31.34 1.86 0.00 | 34.04 1.82 -1.19 | 38.19 2.03 -2.18 | 35.33 1.98 -3.31 | 35.78 2.22 -2.83 | 38.48 2.29 -6.60 | 37.92 2.86 0.00 | 43.39 2.91 0.00 | 42.89 2.76 0.00 | 40.17 3.08 0.00 | 40.54 2.89 0.00 | 40.12 2.43 0.72 | 62.54 2.77 0.00 | 37.83 1.75 0.00 | 33.60 1.64 0.00 | 32.31 1.91 0.00 | 33.62 2.00 0.00 |
| WOODARD___115KV_TB2 355635 | 28.84 -0.11 0.00 | 27.14 -0.19 0.00 | 27.16 -0.27 0.00 | 26.79 -0.33 0.00 | 27.02 -0.33 0.00 | 29.01 -0.30 0.00 | 30.08 -0.30 0.00 | 29.18 -0.29 0.00 | 30.65 -0.38 0.00 | 33.66 -0.33 0.00 | 29.72 -0.31 0.00 | 30.50 -0.23 0.00 | 29.53 -0.07 0.00 | 35.01 -0.04 0.00 | 40.47 -0.01 0.00 | 40.08 -0.05 0.00 | 37.20 0.11 0.00 | 37.80 0.15 0.00 | 38.56 0.14 0.00 | 59.83 0.06 0.00 | 36.08 0.00 0.00 | 31.93 -0.03 0.00 | 30.29 -0.10 0.00 | 31.46 -0.16 0.00 |
| YORK___WARBASSE 23770 | 30.64 1.69 0.00 | 28.80 1.47 0.00 | 28.63 1.20 0.00 | 28.12 0.99 0.00 | 28.31 0.96 0.00 | 30.39 1.07 0.00 | 31.89 1.50 0.00 | 31.27 1.80 0.00 | 34.17 1.96 -1.18 | 38.43 2.29 -2.16 | 35.32 2.01 -3.29 | 35.77 2.25 -2.79 | 38.55 2.42 -6.54 | 38.00 2.94 -0.01 | 43.63 3.15 0.00 | 43.42 3.21 -0.09 | 40.84 3.39 -0.36 | 40.95 3.18 -0.12 | 41.25 2.84 0.00 | 63.02 3.25 0.00 | 38.25 2.17 0.00 | 34.01 2.04 0.00 | 36.21 2.04 -3.78 | 34.51 2.06 -0.83 |