

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/15/2025

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 33.50 | 37.94 | 39.50 | 42.37 | 42.26 | 32.76 | 46.95 | 68.08 | 63.07 | 46.58 | 43.28 | 43.89 | 41.76 | 40.20 | 44.00 | 35.19 | 38.36 | 46.12 | 57.19 | 60.51 | 52.50 | 42.85 | 39.98 | 33.79 |
| 24138 | 1.66 | 1.84 | 1.74 | 1.71 | 1.59 | 1.46 | 2.45 | 3.77 | 3.55 | 2.59 | 2.77 | 3.09 | 3.20 | 2.82 | 2.22 | 1.75 | 2.54 | 2.77 | 3.13 | 3.15 | 2.50 | 1.98 | 1.83 | 1.63 |
| | 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 | -0.03 | -13.96 | -10.09 | -0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 33.58 | 38.04 | 39.60 | 42.48 | 42.37 | 32.85 | 47.05 | 68.21 | 63.19 | 46.66 | 43.36 | 43.96 | 41.84 | 40.32 | 52.54 | 41.37 | 38.47 | 46.19 | 57.28 | 60.61 | 52.60 | 42.93 | 40.06 | 33.86 |
| 24260 | 1.75 | 1.95 | 1.84 | 1.82 | 1.70 | 1.55 | 2.55 | 3.90 | 3.68 | 2.66 | 2.85 | 3.16 | 3.28 | 2.92 | 2.27 | 1.79 | 2.63 | 2.84 | 3.22 | 3.26 | 2.60 | 2.06 | 1.90 | 1.71 |
| | 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 | -0.05 | -22.45 | -16.23 | -0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 33.58 | 38.04 | 39.60 | 42.48 | 42.37 | 32.85 | 47.05 | 68.21 | 63.19 | 46.66 | 43.36 | 43.96 | 41.84 | 40.32 | 52.54 | 41.37 | 38.47 | 46.19 | 57.28 | 60.61 | 52.60 | 42.93 | 40.06 | 33.86 |
| 24261 | 1.75 | 1.95 | 1.84 | 1.82 | 1.70 | 1.55 | 2.55 | 3.90 | 3.68 | 2.66 | 2.85 | 3.16 | 3.28 | 2.92 | 2.27 | 1.79 | 2.63 | 2.84 | 3.22 | 3.26 | 2.60 | 2.06 | 1.90 | 1.71 |
| | 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 | -0.05 | -22.45 | -16.23 | -0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 32.96 | 37.34 | 39.05 | 42.02 | 42.00 | 32.37 | 46.72 | 67.82 | 62.67 | 46.21 | 42.50 | 42.79 | 40.28 | 38.50 | 28.69 | 24.19 | 37.24 | 45.59 | 56.99 | 60.35 | 52.50 | 42.82 | 39.74 | 33.25 |
| 24011 | 1.13 | 1.24 | 1.29 | 1.36 | 1.33 | 1.07 | 2.22 | 3.50 | 3.15 | 2.21 | 2.00 | 1.99 | 1.72 | 1.15 | 0.86 | 0.85 | 1.45 | 2.25 | 2.94 | 2.99 | 2.50 | 1.95 | 1.59 | 1.10 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 33.11 | 37.49 | 39.19 | 42.19 | 42.20 | 32.50 | 47.02 | 68.38 | 63.17 | 46.52 | 42.69 | 43.00 | 40.46 | 38.67 | 28.80 | 24.33 | 37.44 | 45.95 | 57.44 | 60.80 | 52.87 | 43.12 | 39.98 | 33.36 |
| 23798 | 1.28 | 1.39 | 1.43 | 1.53 | 1.53 | 1.20 | 2.52 | 4.07 | 3.66 | 2.53 | 2.18 | 2.20 | 1.90 | 1.32 | 0.98 | 0.98 | 1.65 | 2.60 | 3.39 | 3.45 | 2.87 | 2.25 | 1.83 | 1.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 32.96 | 37.34 | 39.05 | 42.02 | 42.00 | 32.37 | 46.72 | 67.82 | 62.67 | 46.21 | 42.50 | 42.79 | 40.28 | 38.50 | 28.69 | 24.19 | 37.24 | 45.59 | 56.99 | 60.35 | 52.50 | 42.82 | 39.74 | 33.25 |
| 24028 | 1.13 | 1.24 | 1.29 | 1.36 | 1.33 | 1.07 | 2.22 | 3.50 | 3.15 | 2.21 | 2.00 | 1.99 | 1.72 | 1.15 | 0.86 | 0.85 | 1.45 | 2.25 | 2.94 | 2.99 | 2.50 | 1.95 | 1.59 | 1.10 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 32.48 | 36.83 | 38.50 | 41.39 | 41.32 | 31.85 | 45.84 | 66.46 | 61.49 | 45.33 | 41.80 | 42.21 | 39.98 | 38.32 | 28.59 | 23.95 | 36.81 | 44.69 | 55.70 | 58.93 | 51.38 | 41.93 | 38.95 | 32.72 |
| 23527 | 0.65 | 0.73 | 0.74 | 0.73 | 0.65 | 0.55 | 1.34 | 2.15 | 1.98 | 1.33 | 1.29 | 1.41 | 1.42 | 0.98 | 0.76 | 0.60 | 1.02 | 1.35 | 1.64 | 1.58 | 1.38 | 1.06 | 0.79 | 0.57 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 31.68 | 36.01 | 37.70 | 40.46 | 40.44 | 31.14 | 44.62 | 64.66 | 59.91 | 44.27 | 40.91 | 41.21 | 39.12 | 37.58 | 28.13 | 23.50 | 35.95 | 43.51 | 54.14 | 57.30 | 49.99 | 40.84 | 38.04 | 32.13 |
| 24190 | -0.15 | -0.08 | -0.07 | -0.20 | -0.22 | -0.16 | 0.12 | 0.35 | 0.39 | 0.28 | 0.40 | 0.41 | 0.56 | 0.23 | 0.30 | 0.15 | 0.16 | 0.17 | 0.08 | -0.05 | -0.02 | -0.03 | -0.11 | -0.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 32.07 | 36.33 | 38.07 | 41.00 | 41.08 | 31.57 | 44.46 | 64.17 | 59.36 | 43.95 | 40.38 | 40.53 | 38.29 | 37.52 | 27.93 | 23.48 | 36.01 | 43.55 | 54.37 | 57.67 | 50.35 | 41.14 | 38.40 | 32.39 |
| 355683 | 0.24 | 0.24 | 0.31 | 0.34 | 0.41 | 0.27 | -0.04 | -0.14 | -0.15 | -0.05 | -0.13 | -0.27 | -0.27 | 0.18 | 0.11 | 0.13 | 0.23 | 0.21 | 0.31 | 0.32 | 0.35 | 0.27 | 0.25 | 0.23 |
| | 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 | 32.32 | 36.77 | 38.55 | 41.42 | 41.38 | 31.94 | 45.77 | 66.19 | 61.24 | 45.26 | 41.81 | 42.10 | 39.78 | 38.25 | 28.47 | 23.84 | 36.63 | 44.44 | 55.53 | 58.82 | 51.31 | 41.95 | 39.08 | 32.94 |
| 323833 | 0.49 | 0.67 | 0.78 | 0.76 | 0.71 | 0.63 | 1.27 | 1.88 | 1.73 | 1.27 | 1.30 | 1.30 | 1.22 | 0.90 | 0.64 | 0.50 | 0.84 | 1.10 | 1.47 | 1.46 | 1.31 | 1.08 | 0.92 | 0.78 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_2_SOLAR | 32.32 | 36.76 | 38.54 | 41.41 | 41.37 | 31.93 | 45.76 | 66.16 | 61.22 | 45.25 | 41.79 | 42.09 | 39.77 | 38.24 | 28.46 | 23.84 | 36.62 | 44.42 | 55.48 | 58.78 | 51.29 | 41.93 | 39.05 | 32.93 |
| 323834 | 0.49 | 0.66 | 0.77 | 0.75 | 0.70 | 0.63 | 1.26 | 1.85 | 1.70 | 1.25 | 1.29 | 1.29 | 1.21 | 0.89 | 0.64 | 0.49 | 0.83 | 1.07 | 1.43 | 1.43 | 1.29 | 1.06 | 0.90 | 0.77 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 31.68 | 36.01 | 37.70 | 40.46 | 40.44 | 31.14 | 44.62 | 64.66 | 59.91 | 44.27 | 40.91 | 41.21 | 39.12 | 37.58 | 28.13 | 23.50 | 35.95 | 43.51 | 54.14 | 57.30 | 49.99 | 40.84 | 38.04 | 32.13 |
| 23571 | -0.15 | -0.08 | -0.07 | -0.20 | -0.22 | -0.16 | 0.12 | 0.35 | 0.39 | 0.28 | 0.40 | 0.41 | 0.56 | 0.23 | 0.30 | 0.15 | 0.16 | 0.17 | 0.08 | -0.05 | -0.02 | -0.03 | -0.11 | -0.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 31.68 -0.15 0.00 | 36.01 -0.08 0.00 | 37.70 -0.07 0.00 | 40.46 -0.20 0.00 | 40.44 -0.22 0.00 | 31.14 -0.16 0.00 | 44.62 0.12 0.00 | 64.66 0.35 0.00 | 59.91 0.39 0.00 | 44.27 0.28 0.00 | 40.91 0.40 0.00 | 41.21 0.41 0.00 | 39.12 0.56 0.00 | 37.58 0.23 0.00 | 28.13 0.30 0.00 | 23.50 0.15 0.00 | 35.95 0.16 0.00 | 43.51 0.17 0.00 | 54.14 0.08 0.00 | 57.30 -0.05 0.00 | 49.99 -0.02 0.00 | 40.84 -0.03 0.00 | 38.04 -0.11 0.00 | 32.13 -0.03 0.00 |
| ALBANY___3 23573 | 31.68 -0.15 0.00 | 36.01 -0.08 0.00 | 37.70 -0.07 0.00 | 40.46 -0.20 0.00 | 40.44 -0.22 0.00 | 31.14 -0.16 0.00 | 44.62 0.12 0.00 | 64.66 0.35 0.00 | 59.91 0.39 0.00 | 44.27 0.28 0.00 | 40.91 0.40 0.00 | 41.21 0.41 0.00 | 39.12 0.56 0.00 | 37.58 0.23 0.00 | 28.13 0.30 0.00 | 23.50 0.15 0.00 | 35.95 0.16 0.00 | 43.51 0.17 0.00 | 54.14 0.08 0.00 | 57.30 -0.05 0.00 | 49.99 -0.02 0.00 | 40.84 -0.03 0.00 | 38.04 -0.11 0.00 | 32.13 -0.03 0.00 |
| ALBANY___4 23574 | 31.68 -0.15 0.00 | 36.01 -0.08 0.00 | 37.70 -0.07 0.00 | 40.46 -0.20 0.00 | 40.44 -0.22 0.00 | 31.14 -0.16 0.00 | 44.62 0.12 0.00 | 64.66 0.35 0.00 | 59.91 0.39 0.00 | 44.27 0.28 0.00 | 40.91 0.40 0.00 | 41.21 0.41 0.00 | 39.12 0.56 0.00 | 37.58 0.23 0.00 | 28.13 0.30 0.00 | 23.50 0.15 0.00 | 35.95 0.16 0.00 | 43.51 0.17 0.00 | 54.14 0.08 0.00 | 57.30 -0.05 0.00 | 49.99 -0.02 0.00 | 40.84 -0.03 0.00 | 38.04 -0.11 0.00 | 32.13 -0.03 0.00 |
| ALBANY___LFGE 323615 | 32.00 0.17 0.00 | 36.36 0.26 0.00 | 38.06 0.30 0.00 | 40.86 0.20 0.00 | 40.82 0.15 0.00 | 31.45 0.15 0.00 | 45.10 0.61 0.00 | 65.35 1.04 0.00 | 60.54 1.03 0.00 | 44.76 0.77 0.00 | 41.39 0.88 0.00 | 41.70 0.90 0.00 | 39.55 0.98 0.00 | 37.97 0.63 0.00 | 28.42 0.60 0.00 | 23.75 0.40 0.00 | 36.36 0.57 0.00 | 44.04 0.70 0.00 | 54.79 0.73 0.00 | 57.97 0.62 0.00 | 50.56 0.55 0.00 | 41.29 0.42 0.00 | 38.44 0.28 0.00 | 32.45 0.29 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 32.21 0.38 0.00 | 36.50 0.40 0.00 | 38.24 0.48 0.00 | 41.19 0.53 0.00 | 41.27 0.60 0.00 | 31.74 0.44 0.00 | 44.68 0.19 0.00 | 64.49 0.17 0.00 | 59.61 0.10 0.00 | 44.16 0.16 0.00 | 40.54 0.03 0.00 | 40.64 -0.16 0.00 | 38.37 -0.19 0.00 | 37.61 0.27 0.00 | 28.00 0.17 0.00 | 23.53 0.18 0.00 | 36.12 0.33 0.00 | 43.70 0.35 0.00 | 54.62 0.56 0.00 | 57.94 0.59 0.00 | 50.60 0.59 0.00 | 41.34 0.47 0.00 | 38.60 0.44 0.00 | 32.55 0.40 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 32.21 0.38 0.00 | 36.50 0.40 0.00 | 38.24 0.48 0.00 | 41.19 0.53 0.00 | 41.27 0.60 0.00 | 31.74 0.44 0.00 | 44.68 0.19 0.00 | 64.49 0.17 0.00 | 59.61 0.10 0.00 | 44.16 0.16 0.00 | 40.54 0.03 0.00 | 40.64 -0.16 0.00 | 38.37 -0.19 0.00 | 37.61 0.27 0.00 | 28.00 0.17 0.00 | 23.53 0.18 0.00 | 36.12 0.33 0.00 | 43.70 0.35 0.00 | 54.62 0.56 0.00 | 57.94 0.59 0.00 | 50.60 0.59 0.00 | 41.34 0.47 0.00 | 38.60 0.44 0.00 | 32.55 0.40 0.00 |
| ALCOA___DSASP 323711 | 32.21 0.38 0.00 | 36.50 0.40 0.00 | 38.24 0.48 0.00 | 41.19 0.53 0.00 | 41.27 0.60 0.00 | 31.74 0.44 0.00 | 44.69 0.19 0.00 | 64.49 0.17 0.00 | 59.61 0.10 0.00 | 44.16 0.16 0.00 | 40.54 0.03 0.00 | 40.64 -0.16 0.00 | 38.38 -0.19 0.00 | 37.61 0.27 0.00 | 28.00 0.18 0.00 | 23.53 0.18 0.00 | 36.12 0.33 0.00 | 43.69 0.35 0.00 | 54.62 0.56 0.00 | 57.94 0.59 0.00 | 50.60 0.60 0.00 | 41.34 0.47 0.00 | 38.60 0.44 0.00 | 32.55 0.40 0.00 |
| ALLEGHENY___COGEN 23514 | 32.85 1.02 0.00 | 37.42 1.33 0.00 | 39.11 1.35 0.00 | 42.45 1.79 0.00 | 42.44 1.78 0.00 | 33.16 1.87 0.00 | 47.80 3.29 0.00 | 68.95 4.64 0.00 | 64.06 4.55 0.00 | 47.31 3.31 0.00 | 42.70 2.10 -0.10 | 42.57 1.77 0.00 | 40.05 1.48 0.00 | 38.38 1.03 0.00 | 28.76 0.94 0.00 | 23.81 0.46 0.00 | 35.79 0.00 0.00 | 43.35 0.00 0.00 | 54.30 0.25 0.00 | 59.81 2.45 0.00 | 52.43 2.43 0.00 | 41.92 1.05 0.00 | 39.77 1.62 0.00 | 33.77 1.61 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 32.10 0.27 0.00 | 36.46 0.37 0.00 | 38.16 0.40 0.00 | 41.02 0.36 0.00 | 40.97 0.30 0.00 | 31.54 0.24 0.00 | 45.15 0.66 0.00 | 65.37 1.06 0.00 | 60.52 1.00 0.00 | 44.70 0.71 0.00 | 41.33 0.82 0.00 | 41.68 0.88 0.00 | 39.51 0.94 0.00 | 38.01 0.67 0.00 | 28.37 0.55 0.00 | 23.74 0.40 0.00 | 36.35 0.56 0.00 | 43.97 0.63 0.00 | 54.73 0.67 0.00 | 57.96 0.61 0.00 | 50.56 0.56 0.00 | 41.33 0.46 0.00 | 38.53 0.37 0.00 | 32.50 0.34 0.00 |
| ALTONA_WT_PWR 323606 | 31.14 -0.70 0.00 | 35.60 -0.49 0.00 | 37.70 -0.07 0.00 | 40.84 0.18 0.00 | 41.37 0.69 0.00 | 31.64 0.34 0.00 | 44.62 0.12 0.00 | 64.02 -0.29 0.00 | 59.27 -0.24 0.00 | 43.93 -0.06 0.00 | 40.57 0.06 0.00 | 40.69 -0.11 0.00 | 37.91 -0.65 0.00 | 36.98 -0.36 0.00 | 27.31 -0.52 0.00 | 22.91 -0.44 0.00 | 35.35 -0.44 0.00 | 42.81 -0.54 0.00 | 53.94 -0.12 0.00 | 56.79 -0.57 0.00 | 49.49 -0.52 0.00 | 40.65 -0.22 0.00 | 37.98 -0.17 0.00 | 32.15 -0.01 0.00 |
| AMERICAN_REF_FUEL 24010 | 31.46 -0.37 0.00 | 35.90 -0.20 0.00 | 37.53 -0.23 0.00 | 40.64 -0.03 0.00 | 40.64 -0.03 0.00 | 31.74 0.44 0.00 | 45.05 0.55 0.00 | 64.18 -0.13 0.00 | 59.87 0.35 0.00 | 44.92 0.92 0.00 | 40.56 0.48 0.44 | 41.45 0.64 0.00 | 39.11 0.55 0.00 | 37.64 0.29 0.00 | 27.92 0.09 0.00 | 23.32 -0.03 0.00 | 35.02 -0.77 0.00 | 41.24 -2.10 0.00 | 51.31 -2.75 0.00 | 54.67 -2.68 0.00 | 47.92 -2.08 0.00 | 39.86 -1.01 0.00 | 37.91 -0.24 0.00 | 32.23 0.08 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 31.96 0.13 0.00 | 36.53 0.44 0.00 | 38.13 0.37 0.00 | 41.39 0.72 0.00 | 41.31 0.64 0.00 | 32.32 1.02 0.00 | 46.36 1.87 0.00 | 66.48 2.17 0.00 | 61.52 2.00 0.00 | 46.06 2.07 0.00 | 41.71 1.80 0.59 | 42.86 2.07 0.00 | 40.29 1.72 0.00 | 38.49 1.15 0.00 | 28.49 0.66 0.00 | 23.69 0.35 0.00 | 35.91 0.12 0.00 | 42.89 -0.45 0.00 | 53.64 -0.42 0.00 | 57.40 0.05 0.00 | 49.99 -0.01 0.00 | 41.26 0.38 0.00 | 38.79 0.64 0.00 | 32.42 0.26 0.00 |
| ARTHUR KILL_GT_1 23520 | 33.48 1.65 0.00 | 37.91 1.81 0.00 | 39.38 1.62 0.00 | 42.24 1.58 0.00 | 42.31 1.65 0.00 | 32.94 1.64 0.00 | 46.88 2.38 0.00 | 67.91 3.60 0.00 | 62.85 3.33 0.00 | 46.46 2.47 0.00 | 43.08 2.57 0.00 | 43.67 2.87 0.00 | 41.65 3.09 0.00 | 39.94 2.54 -0.05 | 52.11 1.84 -22.45 | 40.91 1.33 -16.23 | 38.12 2.29 -0.05 | 45.73 2.39 0.00 | 56.72 2.66 0.00 | 60.09 2.74 0.00 | 52.18 2.17 0.00 | 42.61 1.74 0.00 | 39.92 1.77 0.00 | 33.92 1.76 0.00 |
| ARTHUR_KILL_2 23512 | 33.40 1.57 0.00 | 37.80 1.71 0.00 | 39.28 1.52 0.00 | 42.13 1.47 0.00 | 42.20 1.53 0.00 | 32.85 1.55 0.00 | 46.74 2.24 0.00 | 67.71 3.40 0.00 | 62.65 3.14 0.00 | 46.32 2.33 0.00 | 42.97 2.46 0.00 | 43.56 2.76 0.00 | 41.54 2.98 0.00 | 39.83 2.43 -0.05 | 52.01 1.73 -22.45 | 40.84 1.27 -16.23 | 38.01 2.17 -0.05 | 45.58 2.24 0.00 | 56.55 2.49 0.00 | 59.90 2.55 0.00 | 52.00 2.00 0.00 | 42.46 1.59 0.00 | 39.81 1.65 0.00 | 33.82 1.66 0.00 |
| ARTHUR_KILL_3 23513 | 33.26 1.43 0.00 | 37.65 1.55 0.00 | 39.17 1.41 0.00 | 41.98 1.32 0.00 | 41.88 1.21 0.00 | 32.48 1.18 0.00 | 46.48 1.98 0.00 | 67.36 3.05 0.00 | 62.35 2.84 0.00 | 46.04 2.05 0.00 | 42.79 2.29 0.00 | 43.39 2.59 0.00 | 41.32 2.76 0.00 | 39.85 2.46 -0.05 | 48.21 1.96 -18.43 | 38.19 1.53 -13.32 | 38.01 2.18 -0.04 | 45.65 2.31 0.00 | 56.60 2.54 0.00 | 59.90 2.55 0.00 | 51.98 1.98 0.00 | 42.44 1.57 0.00 | 39.61 1.46 0.00 | 33.53 1.37 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 33.48 1.65 0.00 | 37.90 1.81 0.00 | 39.38 1.62 0.00 | 42.24 1.58 0.00 | 42.31 1.64 0.00 | 32.94 1.64 0.00 | 46.88 2.38 0.00 | 67.91 3.60 0.00 | 62.84 3.33 0.00 | 46.46 2.47 0.00 | 43.08 2.57 0.00 | 43.67 2.87 0.00 | 41.66 3.10 0.00 | 39.94 2.54 -0.05 | 52.09 1.82 -22.45 | 40.90 1.33 -16.23 | 38.11 2.27 -0.05 | 45.71 2.37 0.00 | 56.72 2.66 0.00 | 60.10 2.74 0.00 | 52.18 2.17 0.00 | 42.61 1.74 0.00 | 39.92 1.77 0.00 | 33.92 1.76 0.00 |
| ASHOKAN____ 23654 | 32.57 0.73 0.00 | 36.94 0.84 0.00 | 38.60 0.84 0.00 | 41.47 0.81 0.00 | 41.45 0.78 0.00 | 32.17 0.87 0.00 | 46.24 1.74 0.00 | 67.19 2.88 0.00 | 62.20 2.69 0.00 | 45.88 1.89 0.00 | 42.44 1.93 0.00 | 42.82 2.02 0.00 | 40.54 1.98 0.00 | 38.87 1.52 0.00 | 28.76 0.93 0.00 | 24.02 0.66 0.00 | 37.24 1.45 0.00 | 45.05 1.71 0.00 | 56.51 2.45 0.00 | 59.95 2.60 0.00 | 52.24 2.23 0.00 | 42.60 1.73 0.00 | 39.62 1.46 0.00 | 33.30 1.15 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 33.33 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.09 1.43 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.43 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.91 0.00 | 39.92 2.52 -0.05 | 52.02 1.75 -22.44 | 40.87 1.37 -16.16 | 38.14 2.31 -0.05 | 45.74 2.40 0.00 | 56.70 2.64 0.00 | 60.10 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 33.31 1.48 0.00 | 37.71 1.61 0.00 | 39.23 1.47 0.00 | 42.07 1.41 0.00 | 42.01 1.34 0.00 | 32.56 1.26 0.00 | 46.66 2.16 0.00 | 67.72 3.41 0.00 | 62.59 3.07 0.00 | 46.22 2.22 0.00 | 42.92 2.41 0.00 | 43.48 2.68 0.00 | 41.44 2.88 0.00 | 39.91 2.51 -0.05 | 52.00 1.74 -22.44 | 40.86 1.36 -16.16 | 38.12 2.28 -0.05 | 45.72 2.38 0.00 | 56.67 2.62 0.00 | 60.07 2.72 0.00 | 52.15 2.15 0.00 | 42.61 1.74 0.00 | 39.76 1.61 0.00 | 33.60 1.45 0.00 |
| ASTORIA_GT2_1 24094 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT2_2 24095 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT2_3 24096 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT2_4 24097 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT3_1 24098 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT3_2 24099 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT3_3 24100 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT3_4 24101 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT4_1 24102 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT4_2 24103 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT4_3 24104 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |

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| ASTORIA_GT4_4 24105 | 33.32 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.10 1.44 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.44 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.90 0.00 | 39.92 2.53 -0.05 | 52.09 1.82 -22.45 | 40.89 1.38 -16.16 | 38.15 2.31 -0.05 | 45.75 2.40 0.00 | 56.70 2.64 0.00 | 60.09 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA_GT_1 23523 | 33.37 1.54 0.00 | 37.78 1.69 0.00 | 39.31 1.55 0.00 | 42.16 1.49 0.00 | 42.10 1.43 0.00 | 32.63 1.34 0.00 | 46.77 2.27 0.00 | 67.88 3.57 0.00 | 62.75 3.24 0.00 | 46.34 2.34 0.00 | 43.02 2.51 0.00 | 43.60 2.79 0.00 | 41.56 3.00 0.00 | 40.01 2.61 -0.05 | 52.15 1.88 -22.45 | 40.94 1.44 -16.16 | 38.23 2.39 -0.05 | 45.84 2.50 0.00 | 56.82 2.76 0.00 | 60.23 2.88 0.00 | 52.27 2.27 0.00 | 42.72 1.85 0.00 | 39.85 1.70 0.00 | 33.68 1.52 0.00 |
| ASTORIA_GT_10 24110 | 33.38 1.55 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.13 1.46 0.00 | 32.68 1.38 0.00 | 46.63 2.13 0.00 | 67.55 3.24 0.00 | 62.52 3.00 0.00 | 46.21 2.21 0.00 | 42.98 2.47 0.00 | 43.55 2.75 0.00 | 41.49 2.93 0.00 | 39.98 2.58 -0.05 | 52.22 1.95 -22.45 | 41.08 1.50 -16.23 | 38.12 2.29 -0.05 | 45.73 2.38 0.00 | 56.66 2.60 0.00 | 59.98 2.63 0.00 | 52.06 2.06 0.00 | 42.50 1.63 0.00 | 39.73 1.57 0.00 | 33.68 1.52 0.00 |
| ASTORIA_GT_11 24225 | 33.38 1.55 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.13 1.46 0.00 | 32.68 1.38 0.00 | 46.63 2.13 0.00 | 67.55 3.24 0.00 | 62.52 3.00 0.00 | 46.21 2.21 0.00 | 42.98 2.47 0.00 | 43.55 2.75 0.00 | 41.49 2.93 0.00 | 39.98 2.58 -0.05 | 52.22 1.95 -22.45 | 41.08 1.50 -16.23 | 38.12 2.29 -0.05 | 45.73 2.38 0.00 | 56.66 2.60 0.00 | 59.98 2.63 0.00 | 52.06 2.06 0.00 | 42.50 1.63 0.00 | 39.73 1.57 0.00 | 33.68 1.52 0.00 |
| ASTORIA_GT_12 24226 | 33.38 1.55 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.13 1.46 0.00 | 32.68 1.38 0.00 | 46.63 2.13 0.00 | 67.55 3.24 0.00 | 62.52 3.00 0.00 | 46.21 2.21 0.00 | 42.98 2.47 0.00 | 43.55 2.75 0.00 | 41.49 2.93 0.00 | 39.98 2.58 -0.05 | 52.22 1.95 -22.45 | 41.08 1.50 -16.23 | 38.12 2.29 -0.05 | 45.73 2.38 0.00 | 56.66 2.60 0.00 | 59.98 2.63 0.00 | 52.06 2.06 0.00 | 42.50 1.63 0.00 | 39.73 1.57 0.00 | 33.68 1.52 0.00 |
| ASTORIA_GT_13 24227 | 33.38 1.55 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.13 1.46 0.00 | 32.68 1.38 0.00 | 46.63 2.13 0.00 | 67.55 3.24 0.00 | 62.52 3.00 0.00 | 46.21 2.21 0.00 | 42.98 2.47 0.00 | 43.55 2.75 0.00 | 41.49 2.93 0.00 | 39.98 2.58 -0.05 | 52.22 1.95 -22.45 | 41.08 1.50 -16.23 | 38.12 2.29 -0.05 | 45.73 2.38 0.00 | 56.66 2.60 0.00 | 59.98 2.63 0.00 | 52.06 2.06 0.00 | 42.50 1.63 0.00 | 39.73 1.57 0.00 | 33.68 1.52 0.00 |
| ASTORIA_GT_5 24106 | 33.37 1.54 0.00 | 37.78 1.69 0.00 | 39.31 1.55 0.00 | 42.16 1.49 0.00 | 42.10 1.43 0.00 | 32.63 1.34 0.00 | 46.77 2.27 0.00 | 67.88 3.57 0.00 | 62.75 3.24 0.00 | 46.34 2.34 0.00 | 43.02 2.51 0.00 | 43.60 2.79 0.00 | 41.56 3.00 0.00 | 40.01 2.61 -0.05 | 52.15 1.88 -22.45 | 40.94 1.44 -16.16 | 38.23 2.39 -0.05 | 45.84 2.50 0.00 | 56.82 2.76 0.00 | 60.23 2.88 0.00 | 52.27 2.27 0.00 | 42.72 1.85 0.00 | 39.85 1.70 0.00 | 33.68 1.52 0.00 |
| ASTORIA_GT_7 24107 | 33.37 1.54 0.00 | 37.78 1.69 0.00 | 39.31 1.55 0.00 | 42.16 1.49 0.00 | 42.10 1.43 0.00 | 32.63 1.34 0.00 | 46.77 2.27 0.00 | 67.88 3.57 0.00 | 62.75 3.24 0.00 | 46.34 2.34 0.00 | 43.02 2.51 0.00 | 43.60 2.79 0.00 | 41.56 3.00 0.00 | 40.01 2.61 -0.05 | 52.15 1.88 -22.45 | 40.94 1.44 -16.16 | 38.23 2.39 -0.05 | 45.84 2.50 0.00 | 56.82 2.76 0.00 | 60.23 2.88 0.00 | 52.27 2.27 0.00 | 42.72 1.85 0.00 | 39.85 1.70 0.00 | 33.68 1.52 0.00 |
| ASTORIA_GT_8 24108 | 33.37 1.54 0.00 | 37.78 1.69 0.00 | 39.31 1.55 0.00 | 42.16 1.49 0.00 | 42.10 1.43 0.00 | 32.63 1.34 0.00 | 46.77 2.27 0.00 | 67.88 3.57 0.00 | 62.75 3.24 0.00 | 46.34 2.34 0.00 | 43.02 2.51 0.00 | 43.60 2.79 0.00 | 41.56 3.00 0.00 | 40.01 2.61 -0.05 | 52.15 1.88 -22.45 | 40.94 1.44 -16.16 | 38.23 2.39 -0.05 | 45.84 2.50 0.00 | 56.82 2.76 0.00 | 60.23 2.88 0.00 | 52.27 2.27 0.00 | 42.72 1.85 0.00 | 39.85 1.70 0.00 | 33.68 1.52 0.00 |
| ASTORIA___2 24149 | 33.33 1.49 0.00 | 37.72 1.63 0.00 | 39.25 1.49 0.00 | 42.09 1.43 0.00 | 42.03 1.36 0.00 | 32.58 1.28 0.00 | 46.69 2.19 0.00 | 67.75 3.43 0.00 | 62.63 3.11 0.00 | 46.23 2.24 0.00 | 42.94 2.43 0.00 | 43.50 2.70 0.00 | 41.47 2.91 0.00 | 39.92 2.52 -0.05 | 52.02 1.75 -22.44 | 40.87 1.37 -16.16 | 38.14 2.31 -0.05 | 45.74 2.40 0.00 | 56.70 2.64 0.00 | 60.10 2.74 0.00 | 52.17 2.17 0.00 | 42.64 1.77 0.00 | 39.78 1.63 0.00 | 33.62 1.46 0.00 |
| ASTORIA___3 23516 | 33.38 1.55 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.13 1.46 0.00 | 32.68 1.38 0.00 | 46.63 2.13 0.00 | 67.55 3.24 0.00 | 62.52 3.00 0.00 | 46.21 2.22 0.00 | 42.98 2.47 0.00 | 43.55 2.75 0.00 | 41.49 2.93 0.00 | 39.98 2.58 -0.05 | 52.20 1.93 -22.45 | 41.08 1.50 -16.23 | 38.12 2.28 -0.05 | 45.72 2.38 0.00 | 56.66 2.60 0.00 | 59.98 2.63 0.00 | 52.06 2.06 0.00 | 42.50 1.63 0.00 | 39.73 1.57 0.00 | 33.68 1.52 0.00 |
| ASTORIA___4 23517 | 33.38 1.55 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.13 1.46 0.00 | 32.68 1.38 0.00 | 46.63 2.13 0.00 | 67.55 3.24 0.00 | 62.52 3.00 0.00 | 46.21 2.21 0.00 | 42.98 2.47 0.00 | 43.55 2.75 0.00 | 41.49 2.93 0.00 | 39.97 2.57 -0.05 | 52.22 1.95 -22.45 | 41.08 1.50 -16.23 | 38.12 2.29 -0.05 | 45.73 2.38 0.00 | 56.66 2.60 0.00 | 59.98 2.63 0.00 | 52.06 2.06 0.00 | 42.50 1.63 0.00 | 39.73 1.57 0.00 | 33.68 1.52 0.00 |
| ASTORIA___5 23518 | 33.38 1.55 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.13 1.46 0.00 | 32.68 1.38 0.00 | 46.63 2.13 0.00 | 67.55 3.24 0.00 | 62.52 3.00 0.00 | 46.21 2.22 0.00 | 42.98 2.47 0.00 | 43.55 2.75 0.00 | 41.49 2.93 0.00 | 39.98 2.58 -0.05 | 52.20 1.93 -22.45 | 41.08 1.50 -16.23 | 38.12 2.28 -0.05 | 45.72 2.38 0.00 | 56.66 2.60 0.00 | 59.98 2.63 0.00 | 52.06 2.06 0.00 | 42.50 1.63 0.00 | 39.73 1.57 0.00 | 33.68 1.52 0.00 |
| AST_ENERGY_2_CC3 323677 | 32.98 1.15 0.00 | 37.34 1.24 0.00 | 38.85 1.08 0.00 | 41.65 0.99 0.00 | 41.60 0.93 0.00 | 32.24 0.94 0.00 | 46.21 1.71 0.00 | 67.26 2.95 0.00 | 61.97 2.45 0.00 | 45.75 1.75 0.00 | 42.49 1.98 0.00 | 43.07 2.27 0.00 | 41.04 2.48 0.00 | 39.53 2.13 -0.05 | 51.82 1.55 -22.44 | 40.63 1.12 -16.16 | 37.89 2.05 -0.05 | 45.29 1.95 0.00 | 56.13 2.08 0.00 | 59.49 2.14 0.00 | 51.64 1.64 0.00 | 42.20 1.32 0.00 | 39.36 1.21 0.00 | 33.27 1.12 0.00 |
| AST_ENERGY_2_CC4 323678 | 32.98 1.15 0.00 | 37.34 1.24 0.00 | 38.85 1.08 0.00 | 41.65 0.99 0.00 | 41.60 0.93 0.00 | 32.24 0.94 0.00 | 46.21 1.71 0.00 | 67.26 2.95 0.00 | 61.97 2.45 0.00 | 45.75 1.75 0.00 | 42.49 1.98 0.00 | 43.07 2.27 0.00 | 41.04 2.48 0.00 | 39.53 2.13 -0.05 | 51.82 1.55 -22.44 | 40.63 1.12 -16.16 | 37.89 2.05 -0.05 | 45.29 1.95 0.00 | 56.13 2.08 0.00 | 59.49 2.14 0.00 | 51.64 1.64 0.00 | 42.20 1.32 0.00 | 39.36 1.21 0.00 | 33.27 1.12 0.00 |

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| ATHENS_STG_1 23668 | 32.46 0.62 0.00 | 36.82 0.72 0.00 | 38.49 0.73 0.00 | 41.37 0.71 0.00 | 41.30 0.63 0.00 | 31.80 0.50 0.00 | 45.54 1.04 0.00 | 65.93 1.62 0.00 | 61.02 1.50 0.00 | 45.05 1.05 0.00 | 41.68 1.17 0.00 | 42.11 1.31 0.00 | 39.93 1.37 0.00 | 38.42 1.08 0.00 | 28.69 0.86 0.00 | 24.01 0.66 0.00 | 36.74 0.95 0.00 | 44.38 1.03 0.00 | 55.16 1.10 0.00 | 58.46 1.10 0.00 | 50.96 0.96 0.00 | 41.65 0.78 0.00 | 38.85 0.69 0.00 | 32.75 0.60 0.00 |
| ATHENS_STG_2 23670 | 32.46 0.62 0.00 | 36.82 0.72 0.00 | 38.49 0.73 0.00 | 41.37 0.71 0.00 | 41.30 0.63 0.00 | 31.80 0.50 0.00 | 45.54 1.04 0.00 | 65.93 1.62 0.00 | 61.02 1.50 0.00 | 45.05 1.05 0.00 | 41.68 1.17 0.00 | 42.11 1.31 0.00 | 39.93 1.37 0.00 | 38.42 1.08 0.00 | 28.69 0.86 0.00 | 24.01 0.66 0.00 | 36.74 0.95 0.00 | 44.38 1.03 0.00 | 55.16 1.10 0.00 | 58.46 1.10 0.00 | 50.96 0.96 0.00 | 41.65 0.78 0.00 | 38.85 0.69 0.00 | 32.75 0.60 0.00 |
| ATHENS_STG_3 23677 | 32.46 0.62 0.00 | 36.82 0.72 0.00 | 38.49 0.73 0.00 | 41.37 0.71 0.00 | 41.30 0.63 0.00 | 31.80 0.50 0.00 | 45.54 1.04 0.00 | 65.93 1.62 0.00 | 61.02 1.50 0.00 | 45.05 1.05 0.00 | 41.68 1.17 0.00 | 42.11 1.31 0.00 | 39.93 1.37 0.00 | 38.42 1.08 0.00 | 28.69 0.86 0.00 | 24.01 0.66 0.00 | 36.74 0.95 0.00 | 44.38 1.03 0.00 | 55.16 1.10 0.00 | 58.46 1.10 0.00 | 50.96 0.96 0.00 | 41.65 0.78 0.00 | 38.85 0.69 0.00 | 32.75 0.60 0.00 |
| AUBURN___LFGE 323710 | 31.98 0.15 0.00 | 36.33 0.24 0.00 | 37.94 0.17 0.00 | 40.95 0.29 0.00 | 40.98 0.30 0.00 | 31.57 0.27 0.00 | 45.19 0.69 0.00 | 65.28 0.97 0.00 | 60.43 0.91 0.00 | 44.61 0.62 0.00 | 40.96 0.45 0.00 | 41.22 0.42 0.00 | 38.82 0.26 0.00 | 37.25 -0.10 0.00 | 27.65 -0.18 0.00 | 23.16 -0.19 0.00 | 35.61 -0.18 0.00 | 43.30 -0.04 0.00 | 54.32 0.26 0.00 | 57.99 0.64 0.00 | 50.28 0.28 0.00 | 41.29 0.42 0.00 | 38.46 0.31 0.00 | 32.46 0.31 0.00 |
| BABYLON_RES_REC 323704 | 34.26 1.71 -0.71 | 42.06 1.97 -4.00 | 39.67 1.91 0.00 | 42.56 1.90 0.00 | 42.20 1.53 0.00 | 32.39 1.09 0.00 | 46.16 1.66 0.00 | 65.79 2.19 0.72 | 60.01 2.41 1.91 | 45.82 1.84 0.01 | 44.10 2.46 -1.13 | 44.80 2.84 -1.17 | 50.28 2.92 -8.80 | 45.93 2.31 -6.28 | 33.96 1.82 -4.31 | 38.21 1.34 -13.53 | 37.38 1.64 0.05 | 43.95 1.67 1.07 | 53.88 1.11 1.29 | 57.05 1.11 1.42 | 50.04 1.17 1.14 | 41.35 1.21 0.73 | 39.64 1.49 0.00 | 33.63 1.48 0.00 |
| BALL_HILL_WT_PWR 323825 | 31.82 -0.01 0.00 | 36.37 0.27 0.00 | 37.98 0.22 0.00 | 41.18 0.52 0.00 | 41.13 0.46 0.00 | 32.16 0.86 0.00 | 45.99 1.49 0.00 | 65.90 1.59 0.00 | 61.26 1.75 0.00 | 45.80 1.81 0.00 | 41.36 1.40 0.55 | 42.49 1.69 0.00 | 40.02 1.46 0.00 | 38.38 1.03 0.00 | 28.43 0.60 0.00 | 23.67 0.32 0.00 | 35.75 -0.04 0.00 | 42.54 -0.81 0.00 | 53.14 -0.92 0.00 | 56.77 -0.58 0.00 | 49.47 -0.53 0.00 | 40.92 0.04 0.00 | 38.65 0.49 0.00 | 32.55 0.40 0.00 |
| BARON_WINDS___WT_PWR 323822 | 31.13 -0.71 0.00 | 35.71 -0.39 0.00 | 37.32 -0.44 0.00 | 40.72 0.06 0.00 | 40.58 -0.09 0.00 | 31.66 0.36 0.00 | 45.53 1.04 0.00 | 65.46 1.14 0.00 | 60.69 1.18 0.00 | 44.89 0.90 0.00 | 41.32 0.42 -0.39 | 41.50 0.69 0.00 | 39.00 0.45 0.00 | 37.30 -0.04 0.00 | 27.51 -0.32 0.00 | 22.91 -0.44 0.00 | 35.13 -0.66 0.00 | 42.47 -0.87 0.00 | 53.23 -0.83 0.00 | 57.03 -0.32 0.00 | 49.50 -0.50 0.00 | 40.67 -0.20 0.00 | 38.20 0.05 0.00 | 32.08 -0.07 0.00 |
| BARRETT_IC_1 23704 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_10 23701 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_11 23702 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_12 23703 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_2 23705 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_3 23706 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_4 23707 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_5 23708 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |

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| BARRETT_IC_6 23709 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_7 23710 | 34.05 1.54 -0.68 | 41.65 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.09 1.43 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.44 0.00 | 45.80 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.42 2.49 -8.37 | 45.33 2.02 -5.97 | 33.61 1.75 -4.04 | 37.50 1.33 -12.82 | 37.70 1.92 0.00 | 45.31 1.97 0.00 | 55.64 1.59 0.00 | 59.14 1.79 0.00 | 51.73 1.73 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_8 23711 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT_IC_9 23700 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT___1 23545 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BARRETT___2 23546 | 34.05 1.54 -0.68 | 41.64 1.75 -3.80 | 39.50 1.74 0.00 | 42.40 1.74 0.00 | 42.10 1.44 0.00 | 32.38 1.08 0.00 | 46.13 1.63 0.00 | 66.60 2.28 0.00 | 61.95 2.43 0.00 | 45.81 1.81 0.00 | 43.78 2.20 -1.08 | 44.42 2.51 -1.11 | 49.41 2.49 -8.37 | 45.34 2.02 -5.97 | 33.61 1.75 -4.04 | 37.49 1.32 -12.82 | 37.70 1.91 0.00 | 45.32 1.97 0.00 | 55.65 1.59 0.00 | 59.13 1.78 0.00 | 51.73 1.72 0.00 | 42.34 1.47 0.00 | 39.55 1.40 0.00 | 33.56 1.40 0.00 |
| BATAVIA___115KV_TB1 55881 | 32.51 0.68 0.00 | 37.02 0.93 0.00 | 38.69 0.93 0.00 | 41.84 1.18 0.00 | 41.89 1.22 0.00 | 32.72 1.42 0.00 | 46.70 2.20 0.00 | 67.05 2.74 0.00 | 62.47 2.95 0.00 | 46.63 2.63 0.00 | 42.23 1.72 0.00 | 42.42 1.62 0.00 | 40.14 1.58 0.00 | 38.38 1.04 0.00 | 28.42 0.59 0.00 | 23.91 0.56 0.00 | 36.31 0.52 0.00 | 43.03 -0.32 0.00 | 54.08 0.03 0.00 | 57.72 0.37 0.00 | 50.43 0.43 0.00 | 41.68 0.81 0.00 | 39.36 1.21 0.00 | 33.31 1.16 0.00 |
| BAYONEEC___CTG1 323682 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |
| BAYONEEC___CTG10 323750 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |
| BAYONEEC___CTG2 323683 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |
| BAYONEEC___CTG3 323684 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |
| BAYONEEC___CTG4 323685 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |
| BAYONEEC___CTG5 323686 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |
| BAYONEEC___CTG6 323687 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |
| BAYONEEC___CTG7 323688 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |

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| BAYONEEC___CTG8 323689 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |
| BAYONEEC___CTG9 323749 | 33.37 1.54 0.00 | 37.80 1.70 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.08 1.41 0.00 | 32.61 1.32 0.00 | 46.69 2.19 0.00 | 67.66 3.34 0.00 | 62.65 3.14 0.00 | 46.25 2.26 0.00 | 42.99 2.48 0.00 | 43.58 2.78 0.00 | 41.49 2.93 0.00 | 39.98 2.59 -0.05 | 48.30 2.05 -18.43 | 38.27 1.60 -13.32 | 38.13 2.30 -0.04 | 45.81 2.47 0.00 | 56.80 2.74 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.59 1.72 0.00 | 39.77 1.62 0.00 | 33.64 1.49 0.00 |
| BEACON___LESR 323632 | 32.14 0.31 0.00 | 36.51 0.41 0.00 | 38.29 0.53 0.00 | 41.05 0.39 0.00 | 41.07 0.40 0.00 | 31.64 0.35 0.00 | 45.60 1.10 0.00 | 66.02 1.70 0.00 | 61.06 1.55 0.00 | 45.13 1.14 0.00 | 41.69 1.18 0.00 | 42.04 1.24 0.00 | 39.84 1.28 0.00 | 38.28 0.94 0.00 | 28.59 0.76 0.00 | 23.86 0.51 0.00 | 36.71 0.92 0.00 | 44.48 1.13 0.00 | 55.18 1.12 0.00 | 58.39 1.04 0.00 | 50.90 0.90 0.00 | 41.57 0.70 0.00 | 38.66 0.51 0.00 | 32.59 0.44 0.00 |
| BEAVER RIVER___HYD 24048 | 32.70 0.87 0.00 | 36.77 0.67 0.00 | 38.12 0.36 0.00 | 41.33 0.67 0.00 | 41.50 0.83 0.00 | 32.15 0.85 0.00 | 45.73 1.23 0.00 | 66.12 1.81 0.00 | 60.99 1.48 0.00 | 44.88 0.88 0.00 | 40.96 0.45 0.00 | 40.42 -0.38 0.00 | 37.67 -0.89 0.00 | 36.15 -1.19 0.00 | 26.94 -0.89 0.00 | 22.71 -0.64 0.00 | 35.40 -0.39 0.00 | 44.04 0.70 0.00 | 55.83 1.77 0.00 | 59.32 1.97 0.00 | 51.26 1.26 0.00 | 41.81 0.94 0.00 | 39.15 0.99 0.00 | 32.69 0.54 0.00 |
| BEEBEE_GT_13 23619 | 31.96 0.13 0.00 | 36.32 0.23 0.00 | 37.95 0.19 0.00 | 40.96 0.30 0.00 | 41.00 0.33 0.00 | 31.87 0.57 0.00 | 45.53 1.03 0.00 | 65.64 1.32 0.00 | 61.03 1.52 0.00 | 45.39 1.40 0.00 | 41.50 0.99 0.00 | 41.84 1.04 0.00 | 39.39 0.83 0.00 | 37.97 0.62 0.00 | 28.22 0.40 0.00 | 23.66 0.32 0.00 | 35.95 0.17 0.00 | 43.17 -0.17 0.00 | 53.93 -0.13 0.00 | 57.39 0.04 0.00 | 50.07 0.06 0.00 | 41.13 0.26 0.00 | 38.64 0.48 0.00 | 32.59 0.43 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 33.59 1.76 0.00 | 38.01 1.92 0.00 | 39.53 1.77 0.00 | 42.37 1.71 0.00 | 42.35 1.68 0.00 | 32.91 1.61 0.00 | 46.98 2.48 0.00 | 68.11 3.80 0.00 | 63.06 3.54 0.00 | 46.60 2.61 0.00 | 43.30 2.79 0.00 | 43.88 3.08 0.00 | 41.81 3.25 0.00 | 40.26 2.86 -0.05 | 52.39 2.12 -22.45 | 41.19 1.62 -16.23 | 38.42 2.58 -0.05 | 46.07 2.73 0.00 | 57.15 3.09 0.00 | 60.53 3.18 0.00 | 52.54 2.54 0.00 | 42.90 2.03 0.00 | 40.11 1.95 0.00 | 33.96 1.81 0.00 |
| BETHLEHEM___GRP 23843 | 31.68 -0.15 0.00 | 36.01 -0.08 0.00 | 37.70 -0.07 0.00 | 40.46 -0.20 0.00 | 40.44 -0.22 0.00 | 31.14 -0.16 0.00 | 44.62 0.12 0.00 | 64.66 0.35 0.00 | 59.91 0.39 0.00 | 44.27 0.28 0.00 | 40.91 0.40 0.00 | 41.21 0.41 0.00 | 39.12 0.56 0.00 | 37.58 0.23 0.00 | 28.13 0.30 0.00 | 23.50 0.15 0.00 | 35.95 0.16 0.00 | 43.51 0.17 0.00 | 54.14 0.08 0.00 | 57.30 -0.05 0.00 | 49.99 -0.02 0.00 | 40.84 -0.03 0.00 | 38.04 -0.11 0.00 | 32.13 -0.03 0.00 |
| BETHLEHEM___GS1 323560 | 31.68 -0.15 0.00 | 36.01 -0.08 0.00 | 37.70 -0.07 0.00 | 40.46 -0.20 0.00 | 40.45 -0.22 0.00 | 31.14 -0.16 0.00 | 44.63 0.13 0.00 | 64.66 0.35 0.00 | 59.91 0.39 0.00 | 44.27 0.28 0.00 | 40.91 0.41 0.00 | 41.21 0.41 0.00 | 39.12 0.56 0.00 | 37.58 0.23 0.00 | 28.12 0.29 0.00 | 23.49 0.14 0.00 | 35.95 0.16 0.00 | 43.51 0.16 0.00 | 54.14 0.08 0.00 | 57.30 -0.05 0.00 | 49.99 -0.02 0.00 | 40.84 -0.03 0.00 | 38.04 -0.11 0.00 | 32.13 -0.02 0.00 |
| BETHLEHEM___GS2 323561 | 31.68 -0.15 0.00 | 36.01 -0.08 0.00 | 37.70 -0.07 0.00 | 40.46 -0.20 0.00 | 40.45 -0.22 0.00 | 31.14 -0.16 0.00 | 44.63 0.13 0.00 | 64.66 0.35 0.00 | 59.91 0.39 0.00 | 44.27 0.28 0.00 | 40.91 0.41 0.00 | 41.21 0.41 0.00 | 39.12 0.56 0.00 | 37.58 0.23 0.00 | 28.12 0.29 0.00 | 23.49 0.14 0.00 | 35.95 0.16 0.00 | 43.51 0.16 0.00 | 54.14 0.08 0.00 | 57.30 -0.05 0.00 | 49.99 -0.02 0.00 | 40.84 -0.03 0.00 | 38.04 -0.11 0.00 | 32.13 -0.02 0.00 |
| BETHLEHEM___GS3 323562 | 31.68 -0.15 0.00 | 36.01 -0.08 0.00 | 37.70 -0.07 0.00 | 40.46 -0.20 0.00 | 40.45 -0.22 0.00 | 31.14 -0.16 0.00 | 44.63 0.13 0.00 | 64.66 0.35 0.00 | 59.91 0.39 0.00 | 44.27 0.28 0.00 | 40.91 0.41 0.00 | 41.21 0.41 0.00 | 39.12 0.56 0.00 | 37.58 0.23 0.00 | 28.12 0.29 0.00 | 23.49 0.14 0.00 | 35.95 0.16 0.00 | 43.51 0.16 0.00 | 54.14 0.08 0.00 | 57.30 -0.05 0.00 | 49.99 -0.02 0.00 | 40.84 -0.03 0.00 | 38.04 -0.11 0.00 | 32.13 -0.02 0.00 |
| BETHLEHEM___STEEL 23779 | 31.87 0.04 0.00 | 36.41 0.32 0.00 | 38.05 0.28 0.00 | 41.20 0.54 0.00 | 41.20 0.53 0.00 | 32.20 0.90 0.00 | 45.90 1.41 0.00 | 65.78 1.47 0.00 | 61.33 1.82 0.00 | 45.91 1.92 0.00 | 41.90 1.39 0.00 | 42.39 1.59 0.00 | 39.97 1.41 0.00 | 38.42 1.08 0.00 | 28.45 0.62 0.00 | 23.72 0.37 0.00 | 35.81 0.02 0.00 | 42.50 -0.85 0.00 | 52.97 -1.09 0.00 | 56.51 -0.84 0.00 | 49.36 -0.64 0.00 | 40.88 0.01 0.00 | 38.69 0.54 0.00 | 32.70 0.54 0.00 |
| BETHLHEM_115KV_TB1 79974 | 31.80 -0.04 0.00 | 36.13 0.04 0.00 | 37.83 0.07 0.00 | 40.61 -0.05 0.00 | 40.58 -0.09 0.00 | 31.24 -0.06 0.00 | 44.77 0.28 0.00 | 64.86 0.55 0.00 | 60.07 0.55 0.00 | 44.39 0.40 0.00 | 41.03 0.52 0.00 | 41.34 0.54 0.00 | 39.23 0.67 0.00 | 37.71 0.37 0.00 | 28.20 0.38 0.00 | 23.57 0.22 0.00 | 36.07 0.28 0.00 | 43.63 0.29 0.00 | 54.30 0.24 0.00 | 57.49 0.13 0.00 | 50.15 0.14 0.00 | 40.98 0.10 0.00 | 38.16 0.01 0.00 | 32.23 0.08 0.00 |
| BETHPAGE_CC_5 323564 | 34.10 1.51 -0.76 | 42.14 1.80 -4.24 | 39.48 1.72 0.00 | 42.36 1.70 0.00 | 42.04 1.37 0.00 | 32.25 0.95 0.00 | 46.00 1.50 0.00 | 65.78 2.00 0.53 | 60.41 2.25 1.36 | 45.68 1.69 0.01 | 43.98 2.27 -1.20 | 44.66 2.62 -1.24 | 50.60 2.70 -9.34 | 46.16 2.15 -6.67 | 34.31 1.83 -4.65 | 39.17 1.41 -14.42 | 37.59 1.84 0.04 | 44.51 1.90 0.73 | 54.81 1.64 0.89 | 58.11 1.73 0.98 | 50.75 1.53 0.78 | 41.72 1.35 0.50 | 39.49 1.34 0.00 | 33.53 1.37 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 31.90 0.07 0.00 | 36.45 0.35 0.00 | 38.08 0.32 0.00 | 41.24 0.58 0.00 | 41.24 0.57 0.00 | 32.24 0.94 0.00 | 45.99 1.49 0.00 | 65.90 1.59 0.00 | 61.45 1.94 0.00 | 45.98 1.99 0.00 | 41.97 1.46 0.00 | 42.47 1.67 0.00 | 40.04 1.48 0.00 | 38.49 1.15 0.00 | 28.49 0.66 0.00 | 23.75 0.40 0.00 | 35.86 0.08 0.00 | 42.59 -0.75 0.00 | 53.11 -0.95 0.00 | 56.66 -0.69 0.00 | 49.47 -0.53 0.00 | 40.96 0.09 0.00 | 38.75 0.60 0.00 | 32.73 0.58 0.00 |
| BINGHAMTON___COGEN 23790 | 32.00 0.17 0.00 | 36.39 0.30 0.00 | 38.01 0.25 0.00 | 41.05 0.39 0.00 | 41.00 0.33 0.00 | 31.74 0.44 0.00 | 45.53 1.03 0.00 | 65.74 1.43 0.00 | 60.83 1.32 0.00 | 44.96 0.96 0.00 | 41.27 0.76 0.00 | 41.77 0.97 0.00 | 39.37 0.81 0.00 | 37.82 0.47 0.00 | 28.08 0.25 0.00 | 23.45 0.10 0.00 | 35.91 0.12 0.00 | 43.51 0.17 0.00 | 54.44 0.38 0.00 | 58.01 0.66 0.00 | 50.38 0.37 0.00 | 41.23 0.36 0.00 | 38.59 0.44 0.00 | 32.51 0.35 0.00 |

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| BIXINCNT_115KV_LOAD 355685 | 31.91 0.08 0.00 | 36.58 0.49 0.00 | 38.26 0.50 0.00 | 41.58 0.92 0.00 | 41.52 0.85 0.00 | 32.48 1.18 0.00 | 46.51 2.01 0.00 | 66.71 2.40 0.00 | 62.04 2.52 0.00 | 46.30 2.30 0.00 | 42.48 1.97 0.00 | 43.07 2.27 0.00 | 40.41 1.85 0.00 | 38.80 1.46 0.00 | 28.68 0.85 0.00 | 23.82 0.47 0.00 | 36.02 0.23 0.00 | 42.93 -0.41 0.00 | 53.76 -0.30 0.00 | 57.30 -0.05 0.00 | 50.00 0.00 0.00 | 41.26 0.38 0.00 | 39.01 0.86 0.00 | 32.91 0.76 0.00 |
| BLACK RIVER___HYD 24047 | 32.94 1.11 0.00 | 36.92 0.83 0.00 | 38.16 0.40 0.00 | 41.49 0.83 0.00 | 41.70 1.03 0.00 | 32.39 1.09 0.00 | 46.26 1.76 0.00 | 66.97 2.66 0.00 | 61.82 2.31 0.00 | 45.02 1.03 0.00 | 41.05 0.54 0.00 | 40.25 -0.55 0.00 | 37.46 -1.10 0.00 | 35.85 -1.50 0.00 | 26.69 -1.13 0.00 | 22.54 -0.81 0.00 | 35.22 -0.57 0.00 | 44.42 1.08 0.00 | 56.47 2.42 0.00 | 60.00 2.65 0.00 | 51.66 1.66 0.00 | 42.09 1.21 0.00 | 39.45 1.30 0.00 | 32.84 0.68 0.00 |
| BLACKRVR_115KV_TB2 79977 | 32.94 1.11 0.00 | 36.92 0.83 0.00 | 38.16 0.40 0.00 | 41.49 0.83 0.00 | 41.70 1.03 0.00 | 32.39 1.09 0.00 | 46.26 1.76 0.00 | 66.97 2.66 0.00 | 61.82 2.31 0.00 | 45.02 1.02 0.00 | 41.05 0.54 0.00 | 40.26 -0.55 0.00 | 37.46 -1.10 0.00 | 35.84 -1.50 0.00 | 26.69 -1.13 0.00 | 22.54 -0.81 0.00 | 35.22 -0.57 0.00 | 44.42 1.08 0.00 | 56.47 2.42 0.00 | 60.00 2.65 0.00 | 51.66 1.66 0.00 | 42.09 1.21 0.00 | 39.45 1.30 0.00 | 32.84 0.69 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 34.38 1.70 -0.85 | 42.82 1.98 -4.75 | 39.69 1.92 0.00 | 42.60 1.94 0.00 | 42.28 1.62 0.00 | 32.55 1.25 0.00 | 46.42 1.93 0.00 | 66.68 2.53 0.17 | 62.09 2.76 0.18 | 46.08 2.09 0.00 | 44.40 2.55 -1.34 | 45.04 2.85 -1.39 | 51.87 2.86 -10.45 | 47.18 2.37 -7.46 | 35.18 1.99 -5.36 | 41.14 1.55 -16.25 | 37.96 2.17 0.00 | 45.65 2.30 0.00 | 56.10 2.05 0.00 | 59.59 2.23 0.00 | 52.13 2.12 0.00 | 42.64 1.77 0.00 | 39.84 1.69 0.00 | 33.77 1.61 0.00 |
| BLISS_WT_PWR 323608 | 31.85 0.02 0.00 | 36.53 0.44 0.00 | 38.24 0.48 0.00 | 41.59 0.93 0.00 | 41.51 0.84 0.00 | 32.50 1.20 0.00 | 46.54 2.04 0.00 | 66.76 2.44 0.00 | 62.05 2.54 0.00 | 46.28 2.29 0.00 | 41.90 2.00 0.62 | 43.11 2.31 0.00 | 40.41 1.85 0.00 | 38.79 1.45 0.00 | 28.68 0.85 0.00 | 23.82 0.47 0.00 | 36.02 0.23 0.00 | 42.92 -0.43 0.00 | 53.76 -0.30 0.00 | 57.27 -0.08 0.00 | 50.00 -0.01 0.00 | 41.25 0.38 0.00 | 39.01 0.86 0.00 | 32.89 0.74 0.00 |
| BLUESTONE___WT_PWR 323821 | 33.01 1.18 0.00 | 37.26 1.16 0.00 | 39.26 1.50 0.00 | 42.45 1.78 0.00 | 41.96 1.29 0.00 | 32.69 1.39 0.00 | 47.41 2.91 0.00 | 69.06 4.75 0.00 | 59.11 -0.40 0.00 | 44.91 0.92 0.00 | 40.72 0.22 0.00 | 41.67 0.87 0.00 | 38.74 0.18 0.00 | 37.28 -0.06 0.00 | 27.43 -0.39 0.00 | 22.81 -0.54 0.00 | 35.18 -0.61 0.00 | 43.34 0.00 0.00 | 55.19 1.13 0.00 | 57.77 0.42 0.00 | 50.14 0.13 0.00 | 40.93 0.06 0.00 | 38.45 0.30 0.00 | 32.26 0.10 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 32.13 0.30 0.00 | 36.55 0.46 0.00 | 38.31 0.55 0.00 | 41.17 0.51 0.00 | 41.12 0.45 0.00 | 31.63 0.33 0.00 | 45.30 0.80 0.00 | 65.51 1.20 0.00 | 60.64 1.13 0.00 | 44.82 0.83 0.00 | 41.41 0.90 0.00 | 41.71 0.91 0.00 | 39.46 0.90 0.00 | 37.97 0.63 0.00 | 28.33 0.51 0.00 | 23.72 0.37 0.00 | 36.36 0.57 0.00 | 44.03 0.69 0.00 | 54.87 0.81 0.00 | 58.10 0.75 0.00 | 50.72 0.71 0.00 | 41.47 0.60 0.00 | 38.64 0.48 0.00 | 32.59 0.44 0.00 |
| BOC_GAS_DRP 24189 | 32.07 0.24 0.00 | 36.43 0.33 0.00 | 38.14 0.37 0.00 | 40.98 0.32 0.00 | 40.94 0.27 0.00 | 31.52 0.22 0.00 | 45.11 0.61 0.00 | 65.27 0.96 0.00 | 60.44 0.93 0.00 | 44.65 0.65 0.00 | 41.28 0.77 0.00 | 41.63 0.83 0.00 | 39.46 0.90 0.00 | 37.99 0.64 0.00 | 28.37 0.54 0.00 | 23.74 0.39 0.00 | 36.33 0.54 0.00 | 43.93 0.58 0.00 | 54.64 0.58 0.00 | 57.89 0.54 0.00 | 50.51 0.51 0.00 | 41.28 0.41 0.00 | 38.48 0.33 0.00 | 32.46 0.31 0.00 |
| BOONVILLE_115KV_TB1 79983 | 32.63 0.79 0.00 | 36.85 0.75 0.00 | 38.39 0.62 0.00 | 41.46 0.80 0.00 | 41.54 0.87 0.00 | 32.15 0.85 0.00 | 45.91 1.42 0.00 | 66.37 2.05 0.00 | 61.26 1.75 0.00 | 45.29 1.29 0.00 | 41.41 0.90 0.00 | 41.38 0.58 0.00 | 38.73 0.17 0.00 | 37.20 -0.14 0.00 | 27.74 -0.09 0.00 | 23.32 -0.03 0.00 | 36.10 0.31 0.00 | 44.35 1.01 0.00 | 55.80 1.74 0.00 | 59.24 1.89 0.00 | 51.37 1.37 0.00 | 41.92 1.05 0.00 | 39.14 0.98 0.00 | 32.81 0.66 0.00 |
| BORALEX_4TH_BRANCH 23824 | 32.48 0.65 0.00 | 36.83 0.73 0.00 | 38.50 0.74 0.00 | 41.39 0.73 0.00 | 41.32 0.65 0.00 | 31.85 0.55 0.00 | 45.84 1.34 0.00 | 66.46 2.15 0.00 | 61.49 1.98 0.00 | 45.33 1.33 0.00 | 41.80 1.29 0.00 | 42.22 1.42 0.00 | 39.97 1.41 0.00 | 38.32 0.98 0.00 | 28.59 0.76 0.00 | 23.96 0.61 0.00 | 36.81 1.02 0.00 | 44.69 1.35 0.00 | 55.70 1.64 0.00 | 58.93 1.58 0.00 | 51.38 1.37 0.00 | 41.93 1.06 0.00 | 38.95 0.79 0.00 | 32.72 0.57 0.00 |
| BOWLINE___1 23526 | 33.03 1.20 0.00 | 37.42 1.32 0.00 | 39.02 1.26 0.00 | 41.93 1.27 0.00 | 41.84 1.17 0.00 | 32.39 1.09 0.00 | 46.53 2.04 0.00 | 67.41 3.10 0.00 | 62.35 2.83 0.00 | 45.88 1.89 0.00 | 42.57 2.07 0.00 | 43.10 2.30 0.00 | 40.97 2.41 0.00 | 39.35 2.01 0.00 | 29.95 1.56 -0.56 | 24.96 1.20 -0.41 | 37.60 1.81 0.00 | 45.39 2.05 0.00 | 56.58 2.53 0.00 | 59.92 2.57 0.00 | 51.95 1.94 0.00 | 42.38 1.51 0.00 | 39.53 1.37 0.00 | 33.35 1.20 0.00 |
| BOWLINE___2 23595 | 33.02 1.19 0.00 | 37.41 1.31 0.00 | 39.01 1.25 0.00 | 41.92 1.26 0.00 | 41.84 1.17 0.00 | 32.38 1.08 0.00 | 46.51 2.02 0.00 | 67.40 3.09 0.00 | 62.34 2.83 0.00 | 45.87 1.88 0.00 | 42.55 2.05 0.00 | 43.10 2.30 0.00 | 40.96 2.40 0.00 | 39.35 2.01 0.00 | 29.94 1.55 -0.57 | 24.95 1.19 -0.41 | 37.59 1.80 0.00 | 45.37 2.02 0.00 | 56.58 2.52 0.00 | 59.91 2.56 0.00 | 51.93 1.93 0.00 | 42.37 1.49 0.00 | 39.52 1.37 0.00 | 33.35 1.20 0.00 |
| BRADY___115KV_TB2 356060 | 32.63 0.80 0.00 | 36.96 0.87 0.00 | 38.71 0.94 0.00 | 41.71 1.04 0.00 | 41.84 1.17 0.00 | 32.21 0.91 0.00 | 45.38 0.88 0.00 | 65.52 1.20 0.00 | 60.28 0.76 0.00 | 44.67 0.67 0.00 | 40.76 0.25 0.00 | 40.66 -0.14 0.00 | 38.36 -0.20 0.00 | 37.62 0.27 0.00 | 28.00 0.17 0.00 | 23.53 0.18 0.00 | 36.18 0.39 0.00 | 43.88 0.54 0.00 | 55.39 1.33 0.00 | 58.84 1.49 0.00 | 51.42 1.42 0.00 | 42.01 1.14 0.00 | 39.19 1.03 0.00 | 33.00 0.85 0.00 |
| BRANSCOMB___SOLAR 323811 | 32.78 0.94 0.00 | 37.15 1.05 0.00 | 38.85 1.09 0.00 | 41.79 1.13 0.00 | 41.76 1.09 0.00 | 32.20 0.90 0.00 | 46.33 1.83 0.00 | 67.13 2.82 0.00 | 62.06 2.55 0.00 | 45.83 1.83 0.00 | 42.22 1.72 0.00 | 42.53 1.73 0.00 | 40.07 1.51 0.00 | 38.30 0.95 0.00 | 28.56 0.73 0.00 | 24.03 0.68 0.00 | 36.97 1.19 0.00 | 45.12 1.78 0.00 | 56.35 2.29 0.00 | 59.66 2.31 0.00 | 51.97 1.96 0.00 | 42.43 1.56 0.00 | 39.42 1.27 0.00 | 33.09 0.94 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 33.80 1.33 -0.63 | 41.26 1.65 -3.52 | 39.58 1.82 0.00 | 42.71 2.04 0.00 | 42.59 1.93 0.00 | 32.75 1.45 0.00 | 46.60 2.10 0.00 | 65.81 2.50 1.01 | 58.76 2.55 3.30 | 45.90 1.93 0.02 | 44.03 2.52 -1.00 | 44.49 2.66 -1.03 | 49.35 3.04 -7.75 | 45.12 2.25 -5.53 | 33.38 1.90 -3.64 | 36.97 1.82 -11.80 | 37.92 2.24 0.10 | 42.96 1.68 2.06 | 52.21 0.66 2.51 | 55.09 0.48 2.74 | 48.19 0.40 2.21 | 40.13 0.67 1.41 | 38.88 0.73 0.00 | 32.95 0.79 0.00 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 34.21 1.73 -0.65 | 41.71 1.98 -3.64 | 39.68 1.91 0.00 | 42.57 1.91 0.00 | 42.19 1.52 0.00 | 32.34 1.04 0.00 | 45.99 1.50 0.00 | 64.57 1.61 1.35 | 57.19 2.08 4.40 | 45.69 1.73 0.03 | 43.99 2.45 -1.03 | 44.76 2.90 -1.06 | 49.54 2.98 -8.00 | 45.38 2.33 -5.71 | 33.62 2.00 -3.80 | 37.11 1.54 -12.22 | 37.57 1.91 0.13 | 42.56 1.96 2.75 | 52.21 1.48 3.33 | 55.29 1.58 3.65 | 48.61 1.54 2.93 | 40.46 1.47 1.88 | 39.53 1.38 0.00 | 33.57 1.41 0.00 |
| BRISTLHL_115KV_TB1 79998 | 31.20 -0.64 0.00 | 35.37 -0.72 0.00 | 36.97 -0.79 0.00 | 39.84 -0.83 0.00 | 39.85 -0.82 0.00 | 30.79 -0.51 0.00 | 43.96 -0.54 0.00 | 63.59 -0.73 0.00 | 58.88 -0.63 0.00 | 43.49 -0.50 0.00 | 40.01 -0.50 0.00 | 40.30 -0.51 0.00 | 37.92 -0.64 0.00 | 36.54 -0.81 0.00 | 27.18 -0.65 0.00 | 22.84 -0.51 0.00 | 35.05 -0.74 0.00 | 42.48 -0.87 0.00 | 53.10 -0.96 0.00 | 56.42 -0.94 0.00 | 49.12 -0.89 0.00 | 40.23 -0.64 0.00 | 37.60 -0.55 0.00 | 31.66 -0.50 0.00 |
| BROOKHAVEN___DRP 24191 | 33.94 1.47 -0.63 | 41.32 1.71 -3.52 | 39.42 1.66 0.00 | 42.34 1.68 0.00 | 41.98 1.31 0.00 | 32.16 0.87 0.00 | 45.67 1.17 0.00 | 64.58 1.25 0.99 | 57.78 1.49 3.22 | 45.22 1.25 0.02 | 43.55 2.05 -0.99 | 44.20 2.37 -1.03 | 48.88 2.58 -7.74 | 44.77 1.90 -5.52 | 33.08 1.62 -3.64 | 36.48 1.34 -11.79 | 37.38 1.69 0.10 | 42.72 1.39 2.01 | 52.34 0.72 2.44 | 55.39 0.71 2.68 | 48.53 0.67 2.15 | 40.47 0.98 1.38 | 39.23 1.08 0.00 | 33.28 1.13 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 33.26 1.43 0.00 | 37.68 1.58 0.00 | 39.24 1.48 0.00 | 42.07 1.41 0.00 | 41.97 1.30 0.00 | 32.54 1.24 0.00 | 46.56 2.06 0.00 | 67.52 3.21 0.00 | 62.52 3.01 0.00 | 46.14 2.14 0.00 | 42.89 2.38 0.00 | 43.48 2.69 0.00 | 41.37 2.82 0.00 | 39.88 2.49 -0.05 | 48.26 2.01 -18.43 | 38.22 1.55 -13.32 | 38.07 2.24 -0.04 | 45.71 2.36 0.00 | 56.69 2.63 0.00 | 60.00 2.65 0.00 | 52.08 2.07 0.00 | 42.49 1.62 0.00 | 39.66 1.51 0.00 | 33.55 1.40 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| BROOME_2_LFGE 323671 | 32.00 0.16 0.00 | 36.39 0.30 0.00 | 38.01 0.25 0.00 | 41.05 0.39 0.00 | 40.99 0.32 0.00 | 31.74 0.44 0.00 | 45.53 1.03 0.00 | 65.74 1.43 0.00 | 60.83 1.32 0.00 | 44.95 0.96 0.00 | 41.40 0.76 -0.13 | 41.77 0.97 0.00 | 39.37 0.80 0.00 | 37.82 0.47 0.00 | 28.08 0.25 0.00 | 23.46 0.11 0.00 | 35.91 0.12 0.00 | 43.51 0.17 0.00 | 54.45 0.39 0.00 | 58.01 0.65 0.00 | 50.38 0.38 0.00 | 41.23 0.37 0.00 | 38.60 0.44 0.00 | 32.51 0.35 0.00 |
| BROOME___LFGE 323600 | 32.00 0.16 0.00 | 36.39 0.30 0.00 | 38.01 0.25 0.00 | 41.05 0.39 0.00 | 40.99 0.32 0.00 | 31.74 0.44 0.00 | 45.53 1.03 0.00 | 65.74 1.43 0.00 | 60.83 1.32 0.00 | 44.95 0.96 0.00 | 41.40 0.76 -0.13 | 41.77 0.97 0.00 | 39.37 0.80 0.00 | 37.82 0.47 0.00 | 28.08 0.25 0.00 | 23.46 0.11 0.00 | 35.91 0.12 0.00 | 43.51 0.17 0.00 | 54.45 0.39 0.00 | 58.01 0.65 0.00 | 50.38 0.38 0.00 | 41.23 0.37 0.00 | 38.60 0.44 0.00 | 32.51 0.35 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 32.61 0.77 0.00 | 36.77 0.67 0.00 | 38.29 0.53 0.00 | 41.42 0.76 0.00 | 41.59 0.92 0.00 | 32.13 0.83 0.00 | 45.40 0.90 0.00 | 65.62 1.31 0.00 | 60.52 1.01 0.00 | 44.72 0.73 0.00 | 40.84 0.33 0.00 | 40.44 -0.36 0.00 | 37.85 -0.71 0.00 | 36.63 -0.71 0.00 | 27.28 -0.54 0.00 | 22.97 -0.38 0.00 | 35.63 -0.16 0.00 | 43.83 0.49 0.00 | 55.34 1.28 0.00 | 58.81 1.46 0.00 | 51.20 1.20 0.00 | 41.85 0.98 0.00 | 39.13 0.97 0.00 | 32.78 0.63 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 33.64 1.80 0.00 | 38.10 2.00 0.00 | 39.64 1.88 0.00 | 42.52 1.86 0.00 | 42.41 1.74 0.00 | 32.88 1.58 0.00 | 47.14 2.63 0.00 | 68.34 4.03 0.00 | 63.29 3.78 0.00 | 46.71 2.72 0.00 | 43.41 2.90 0.00 | 44.01 3.21 0.00 | 41.88 3.32 0.00 | 40.35 2.96 -0.05 | 48.57 2.32 -18.43 | 38.49 1.82 -13.32 | 38.50 2.67 -0.04 | 46.26 2.92 0.00 | 57.37 3.31 0.00 | 60.74 3.39 0.00 | 52.72 2.72 0.00 | 43.04 2.17 0.00 | 40.15 1.99 0.00 | 33.94 1.78 0.00 |
| BURROWS___LYONSDAL 23803 | 32.63 0.80 0.00 | 36.79 0.70 0.00 | 38.28 0.52 0.00 | 41.38 0.72 0.00 | 41.49 0.82 0.00 | 32.12 0.82 0.00 | 45.83 1.33 0.00 | 66.25 1.93 0.00 | 61.14 1.63 0.00 | 45.17 1.17 0.00 | 41.28 0.77 0.00 | 41.12 0.32 0.00 | 38.45 -0.11 0.00 | 36.90 -0.44 0.00 | 27.52 -0.31 0.00 | 23.16 -0.19 0.00 | 35.90 0.11 0.00 | 44.23 0.88 0.00 | 55.78 1.72 0.00 | 59.23 1.88 0.00 | 51.28 1.28 0.00 | 41.83 0.96 0.00 | 39.09 0.93 0.00 | 32.73 0.57 0.00 |
| CAITHNESS_CC_1 323624 | 33.95 1.49 -0.63 | 41.34 1.73 -3.51 | 39.44 1.67 0.00 | 42.34 1.68 0.00 | 42.00 1.33 0.00 | 32.16 0.87 0.00 | 45.66 1.16 0.00 | 64.59 1.25 0.96 | 57.85 1.49 3.15 | 45.25 1.28 0.02 | 43.55 2.05 -0.99 | 44.21 2.38 -1.03 | 48.88 2.59 -7.73 | 44.80 1.93 -5.52 | 33.09 1.63 -3.63 | 36.47 1.34 -11.78 | 37.37 1.67 0.09 | 42.77 1.40 1.97 | 52.41 0.74 2.39 | 55.48 0.75 2.61 | 48.59 0.69 2.10 | 40.52 1.00 1.35 | 39.24 1.09 0.00 | 33.31 1.15 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 34.19 1.55 -0.81 | 42.51 1.89 -4.51 | 39.58 1.82 0.00 | 42.48 1.82 0.00 | 42.14 1.48 0.00 | 32.30 1.00 0.00 | 46.08 1.58 0.00 | 66.12 2.12 0.32 | 61.08 2.37 0.81 | 45.75 1.76 0.00 | 44.11 2.32 -1.28 | 44.78 2.66 -1.32 | 51.22 2.73 -9.94 | 46.62 2.19 -7.09 | 34.73 1.87 -5.04 | 40.19 1.44 -15.40 | 37.67 1.90 0.02 | 44.90 1.98 0.43 | 55.30 1.76 0.52 | 58.65 1.86 0.57 | 51.19 1.64 0.46 | 42.01 1.43 0.29 | 39.56 1.41 0.00 | 33.64 1.48 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 34.19 1.55 -0.81 | 42.51 1.90 -4.51 | 39.59 1.82 0.00 | 42.47 1.81 0.00 | 42.15 1.49 0.00 | 32.30 1.00 0.00 | 46.07 1.58 0.00 | 66.11 2.12 0.32 | 61.08 2.37 0.81 | 45.76 1.77 0.00 | 44.11 2.32 -1.28 | 44.78 2.66 -1.32 | 51.23 2.74 -9.94 | 46.63 2.20 -7.09 | 34.73 1.87 -5.04 | 40.18 1.44 -15.40 | 37.65 1.89 0.02 | 44.90 1.98 0.43 | 55.30 1.76 0.52 | 58.65 1.86 0.57 | 51.19 1.64 0.46 | 42.01 1.43 0.29 | 39.56 1.41 0.00 | 33.64 1.48 0.00 |
| CALPINE_BP_GT1 23823 | 34.19 1.55 -0.81 | 42.51 1.90 -4.51 | 39.59 1.82 0.00 | 42.47 1.81 0.00 | 42.15 1.49 0.00 | 32.30 1.00 0.00 | 46.07 1.58 0.00 | 66.11 2.12 0.32 | 61.08 2.37 0.81 | 45.76 1.77 0.00 | 44.11 2.32 -1.28 | 44.78 2.66 -1.32 | 51.23 2.74 -9.94 | 46.63 2.20 -7.09 | 34.73 1.87 -5.04 | 40.18 1.44 -15.40 | 37.65 1.89 0.02 | 44.90 1.98 0.43 | 55.30 1.76 0.52 | 58.65 1.86 0.57 | 51.19 1.64 0.46 | 42.01 1.43 0.29 | 39.56 1.41 0.00 | 33.64 1.48 0.00 |
| CALSPAN___DRP 24200 | 31.87 0.04 0.00 | 36.41 0.32 0.00 | 38.05 0.28 0.00 | 41.20 0.54 0.00 | 41.20 0.53 0.00 | 32.20 0.90 0.00 | 45.90 1.41 0.00 | 65.78 1.47 0.00 | 61.33 1.82 0.00 | 45.91 1.92 0.00 | 41.90 1.39 0.00 | 42.39 1.59 0.00 | 39.97 1.41 0.00 | 38.42 1.08 0.00 | 28.45 0.62 0.00 | 23.72 0.37 0.00 | 35.81 0.02 0.00 | 42.50 -0.85 0.00 | 52.97 -1.09 0.00 | 56.51 -0.84 0.00 | 49.36 -0.64 0.00 | 40.88 0.01 0.00 | 38.69 0.54 0.00 | 32.70 0.54 0.00 |

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| CALVERTON___SOLAR 323806 | 33.91 1.45 -0.63 | 41.30 1.69 -3.52 | 39.42 1.65 0.00 | 42.34 1.68 0.00 | 42.01 1.34 0.00 | 32.20 0.90 0.00 | 45.72 1.23 0.00 | 64.63 1.31 1.00 | 57.81 1.54 3.25 | 45.27 1.30 0.02 | 43.57 2.06 -0.99 | 44.19 2.36 -1.03 | 48.91 2.61 -7.74 | 44.79 1.92 -5.53 | 33.07 1.61 -3.64 | 36.50 1.36 -11.79 | 37.42 1.72 0.10 | 42.72 1.40 2.03 | 52.32 0.73 2.46 | 55.36 0.70 2.70 | 48.48 0.64 2.17 | 40.43 0.95 1.39 | 39.20 1.04 0.00 | 33.25 1.10 0.00 |
| CANDIGU_WT_PWR 323617 | 31.13 -0.71 0.00 | 35.71 -0.39 0.00 | 37.32 -0.44 0.00 | 40.72 0.06 0.00 | 40.58 -0.09 0.00 | 31.66 0.36 0.00 | 45.53 1.04 0.00 | 65.46 1.14 0.00 | 60.69 1.18 0.00 | 44.89 0.90 0.00 | 41.32 0.42 -0.39 | 41.50 0.69 0.00 | 39.00 0.45 0.00 | 37.30 -0.04 0.00 | 27.51 -0.32 0.00 | 22.91 -0.44 0.00 | 35.13 -0.66 0.00 | 42.47 -0.87 0.00 | 53.23 -0.83 0.00 | 57.03 -0.32 0.00 | 49.50 -0.50 0.00 | 40.67 -0.20 0.00 | 38.20 0.05 0.00 | 32.08 -0.07 0.00 |
| CARR STREET_E_SYR 24060 | 31.47 -0.36 0.00 | 35.70 -0.39 0.00 | 37.30 -0.46 0.00 | 40.22 -0.44 0.00 | 40.22 -0.45 0.00 | 31.07 -0.23 0.00 | 44.33 -0.17 0.00 | 64.10 -0.22 0.00 | 59.36 -0.15 0.00 | 43.86 -0.13 0.00 | 40.36 -0.15 0.00 | 40.67 -0.13 0.00 | 38.32 -0.24 0.00 | 36.89 -0.45 0.00 | 27.43 -0.40 0.00 | 23.03 -0.32 0.00 | 35.31 -0.48 0.00 | 42.78 -0.56 0.00 | 53.45 -0.61 0.00 | 56.80 -0.56 0.00 | 49.42 -0.59 0.00 | 40.47 -0.41 0.00 | 37.90 -0.26 0.00 | 31.90 -0.25 0.00 |
| CARTHAGE___PAPER 23857 | 32.97 1.14 0.00 | 37.02 0.93 0.00 | 38.33 0.57 0.00 | 41.61 0.95 0.00 | 41.81 1.14 0.00 | 32.44 1.14 0.00 | 46.21 1.71 0.00 | 66.88 2.57 0.00 | 61.69 2.18 0.00 | 45.09 1.10 0.00 | 41.14 0.63 0.00 | 40.44 -0.36 0.00 | 37.57 -0.99 0.00 | 35.85 -1.50 0.00 | 26.69 -1.13 0.00 | 22.52 -0.83 0.00 | 35.46 -0.33 0.00 | 44.47 1.13 0.00 | 56.45 2.40 0.00 | 59.99 2.63 0.00 | 51.75 1.75 0.00 | 42.18 1.31 0.00 | 39.50 1.35 0.00 | 32.93 0.78 0.00 |
| CASSADAGA_WT_PWR 323784 | 32.16 0.33 0.00 | 36.76 0.66 0.00 | 38.38 0.61 0.00 | 41.64 0.98 0.00 | 41.56 0.89 0.00 | 32.51 1.21 0.00 | 46.67 2.18 0.00 | 66.99 2.67 0.00 | 61.85 2.33 0.00 | 46.32 2.32 0.00 | 42.04 2.14 0.60 | 43.25 2.45 0.00 | 40.62 2.06 0.00 | 38.75 1.40 0.00 | 28.67 0.85 0.00 | 23.81 0.46 0.00 | 36.09 0.30 0.00 | 43.17 -0.17 0.00 | 54.02 -0.04 0.00 | 57.78 0.43 0.00 | 50.29 0.29 0.00 | 41.46 0.59 0.00 | 38.95 0.80 0.00 | 32.53 0.38 0.00 |
| CE_DUNWOOD___DRP 24194 | 33.19 1.35 0.00 | 37.60 1.51 0.00 | 39.19 1.43 0.00 | 42.07 1.41 0.00 | 41.97 1.30 0.00 | 32.47 1.17 0.00 | 46.56 2.06 0.00 | 67.45 3.14 0.00 | 62.45 2.94 0.00 | 46.04 2.05 0.00 | 42.76 2.25 0.00 | 43.31 2.51 0.00 | 41.18 2.61 0.00 | 39.59 2.24 0.00 | 30.36 1.76 -0.77 | 25.29 1.38 -0.55 | 37.80 2.02 0.00 | 45.55 2.20 0.00 | 56.61 2.55 0.00 | 59.95 2.60 0.00 | 52.05 2.05 0.00 | 42.50 1.63 0.00 | 39.66 1.51 0.00 | 33.49 1.34 0.00 |
| CE_MILLWOOD___DRP 24193 | 33.10 1.26 0.00 | 37.51 1.41 0.00 | 39.09 1.33 0.00 | 41.98 1.32 0.00 | 41.88 1.22 0.00 | 32.40 1.10 0.00 | 46.48 1.98 0.00 | 67.34 3.03 0.00 | 62.32 2.81 0.00 | 45.93 1.94 0.00 | 42.63 2.12 0.00 | 43.18 2.38 0.00 | 41.03 2.47 0.00 | 39.44 2.09 0.00 | 30.07 1.65 -0.59 | 25.06 1.28 -0.43 | 37.68 1.89 0.00 | 45.43 2.08 0.00 | 56.50 2.44 0.00 | 59.84 2.49 0.00 | 51.95 1.95 0.00 | 42.42 1.55 0.00 | 39.57 1.42 0.00 | 33.41 1.25 0.00 |
| CE_NYC2_DRP 24202 | 33.41 1.58 0.00 | 37.87 1.77 0.00 | 39.41 1.65 0.00 | 42.23 1.57 0.00 | 42.13 1.46 0.00 | 32.69 1.39 0.00 | 46.67 2.17 0.00 | 67.62 3.31 0.00 | 62.58 3.07 0.00 | 46.24 2.24 0.00 | 43.00 2.49 0.00 | 43.58 2.77 0.00 | 41.52 2.95 0.00 | 40.00 2.61 -0.05 | 52.25 1.98 -22.45 | 41.10 1.52 -16.23 | 38.16 2.32 -0.05 | 45.77 2.43 0.00 | 56.71 2.65 0.00 | 60.04 2.68 0.00 | 52.09 2.08 0.00 | 42.53 1.66 0.00 | 39.74 1.58 0.00 | 33.68 1.53 0.00 |
| CE_NYC_DRP 24195 | 33.42 1.58 0.00 | 37.85 1.75 0.00 | 39.40 1.64 0.00 | 42.25 1.59 0.00 | 42.16 1.49 0.00 | 32.67 1.37 0.00 | 46.79 2.29 0.00 | 67.83 3.52 0.00 | 62.83 3.32 0.00 | 46.39 2.40 0.00 | 43.12 2.61 0.00 | 43.71 2.91 0.00 | 41.60 3.04 0.00 | 40.08 2.69 -0.04 | 47.48 2.11 -17.54 | 37.69 1.66 -12.68 | 38.25 2.42 -0.04 | 45.95 2.60 0.00 | 56.97 2.91 0.00 | 60.29 2.94 0.00 | 52.33 2.33 0.00 | 42.71 1.84 0.00 | 39.86 1.71 0.00 | 33.70 1.55 0.00 |
| CHAFFEE___LFGE 323603 | 31.90 0.07 0.00 | 36.43 0.33 0.00 | 38.05 0.29 0.00 | 41.20 0.54 0.00 | 41.18 0.51 0.00 | 32.21 0.91 0.00 | 46.00 1.50 0.00 | 65.96 1.65 0.00 | 61.51 2.00 0.00 | 45.99 1.99 0.00 | 41.41 1.45 0.55 | 42.43 1.63 0.00 | 39.99 1.43 0.00 | 38.42 1.08 0.00 | 28.46 0.64 0.00 | 23.75 0.41 0.00 | 35.88 0.09 0.00 | 42.65 -0.69 0.00 | 53.20 -0.85 0.00 | 56.77 -0.58 0.00 | 49.55 -0.45 0.00 | 41.03 0.15 0.00 | 38.80 0.64 0.00 | 32.74 0.59 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 31.55 -0.28 0.00 | 35.89 -0.21 0.00 | 37.80 0.04 0.00 | 40.80 0.13 0.00 | 41.08 0.41 0.00 | 31.52 0.22 0.00 | 44.39 -0.11 0.00 | 63.87 -0.44 0.00 | 59.04 -0.47 0.00 | 43.77 -0.22 0.00 | 40.30 -0.21 0.00 | 40.40 -0.40 0.00 | 37.93 -0.63 0.00 | 37.15 -0.19 0.00 | 27.54 -0.29 0.00 | 23.11 -0.24 0.00 | 35.54 -0.24 0.00 | 43.03 -0.31 0.00 | 53.98 -0.07 0.00 | 57.09 -0.26 0.00 | 49.84 -0.16 0.00 | 40.83 -0.05 0.00 | 38.13 -0.02 0.00 | 32.24 0.09 0.00 |
| CHATEAUG_WT_PWR 323614 | 31.56 -0.28 0.00 | 35.89 -0.21 0.00 | 37.78 0.02 0.00 | 40.78 0.12 0.00 | 41.01 0.34 0.00 | 31.48 0.18 0.00 | 44.34 -0.15 0.00 | 63.84 -0.47 0.00 | 59.08 -0.43 0.00 | 43.79 -0.20 0.00 | 40.32 -0.19 0.00 | 40.44 -0.36 0.00 | 37.97 -0.59 0.00 | 37.15 -0.20 0.00 | 27.55 -0.28 0.00 | 23.12 -0.23 0.00 | 35.56 -0.23 0.00 | 43.04 -0.31 0.00 | 53.98 -0.08 0.00 | 57.09 -0.26 0.00 | 49.81 -0.19 0.00 | 40.80 -0.07 0.00 | 38.11 -0.04 0.00 | 32.20 0.05 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 31.55 -0.28 0.00 | 35.89 -0.21 0.00 | 37.80 0.04 0.00 | 40.80 0.13 0.00 | 41.08 0.41 0.00 | 31.52 0.22 0.00 | 44.39 -0.11 0.00 | 63.87 -0.44 0.00 | 59.04 -0.47 0.00 | 43.77 -0.22 0.00 | 40.30 -0.21 0.00 | 40.40 -0.40 0.00 | 37.93 -0.63 0.00 | 37.15 -0.19 0.00 | 27.54 -0.29 0.00 | 23.11 -0.24 0.00 | 35.54 -0.24 0.00 | 43.03 -0.31 0.00 | 53.98 -0.07 0.00 | 57.09 -0.26 0.00 | 49.84 -0.16 0.00 | 40.83 -0.05 0.00 | 38.13 -0.02 0.00 | 32.24 0.09 0.00 |
| CHAUTAUQUA___LFGE 323629 | 31.95 0.12 0.00 | 36.53 0.44 0.00 | 38.13 0.36 0.00 | 41.37 0.70 0.00 | 41.30 0.63 0.00 | 32.30 1.01 0.00 | 46.33 1.83 0.00 | 66.44 2.13 0.00 | 61.60 2.09 0.00 | 46.04 2.04 0.00 | 41.61 1.68 0.57 | 42.79 1.99 0.00 | 40.27 1.71 0.00 | 38.53 1.19 0.00 | 28.53 0.70 0.00 | 23.72 0.37 0.00 | 35.89 0.11 0.00 | 42.83 -0.52 0.00 | 53.59 -0.47 0.00 | 57.36 0.01 0.00 | 49.92 -0.08 0.00 | 41.21 0.34 0.00 | 38.83 0.68 0.00 | 32.59 0.43 0.00 |
| CHERRYST_13_KV_LD 356241 | 33.50 1.66 0.00 | 37.94 1.84 0.00 | 39.49 1.73 0.00 | 42.36 1.70 0.00 | 42.25 1.58 0.00 | 32.76 1.46 0.00 | 46.92 2.42 0.00 | 68.04 3.73 0.00 | 63.05 3.54 0.00 | 46.56 2.57 0.00 | 43.27 2.76 0.00 | 43.87 3.07 0.00 | 41.75 3.19 0.00 | 40.21 2.83 -0.04 | 47.59 2.22 -17.54 | 37.78 1.75 -12.68 | 38.39 2.56 -0.04 | 46.10 2.75 0.00 | 57.15 3.09 0.00 | 60.47 3.11 0.00 | 52.47 2.47 0.00 | 42.84 1.96 0.00 | 39.97 1.81 0.00 | 33.79 1.63 0.00 |

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| CHESTROR_138KV_BK263 355645 | 33.02 1.18 0.00 | 37.41 1.31 0.00 | 39.03 1.26 0.00 | 41.95 1.29 0.00 | 41.88 1.21 0.00 | 32.41 1.11 0.00 | 46.57 2.07 0.00 | 67.48 3.17 0.00 | 62.37 2.86 0.00 | 45.89 1.90 0.00 | 42.53 2.01 0.00 | 43.01 2.21 0.00 | 40.83 2.27 0.00 | 39.20 1.86 0.00 | 29.76 1.45 -0.49 | 24.81 1.11 -0.35 | 37.48 1.69 0.00 | 45.33 1.99 0.00 | 56.58 2.52 0.00 | 59.96 2.61 0.00 | 52.00 2.00 0.00 | 42.42 1.55 0.00 | 39.56 1.41 0.00 | 33.36 1.20 0.00 |
| CH_MIDHUDSON___DRP 24192 | 33.01 1.18 0.00 | 37.42 1.32 0.00 | 39.04 1.27 0.00 | 41.92 1.26 0.00 | 41.83 1.16 0.00 | 32.31 1.01 0.00 | 46.35 1.86 0.00 | 67.15 2.84 0.00 | 62.19 2.67 0.00 | 45.89 1.89 0.00 | 42.56 2.05 0.00 | 43.06 2.26 0.00 | 40.89 2.33 0.00 | 39.31 1.97 0.00 | 29.37 1.54 0.00 | 24.54 1.19 0.00 | 37.53 1.75 0.00 | 45.28 1.94 0.00 | 56.34 2.28 0.00 | 59.71 2.36 0.00 | 51.93 1.93 0.00 | 42.40 1.53 0.00 | 39.53 1.38 0.00 | 33.33 1.18 0.00 |
| CH_MISC_IPPS 23765 | 33.26 1.43 0.00 | 37.68 1.58 0.00 | 39.29 1.53 0.00 | 42.20 1.54 0.00 | 42.13 1.46 0.00 | 32.57 1.27 0.00 | 46.77 2.27 0.00 | 67.79 3.48 0.00 | 62.72 3.21 0.00 | 46.24 2.25 0.00 | 42.88 2.37 0.00 | 43.37 2.57 0.00 | 41.18 2.61 0.00 | 39.56 2.22 0.00 | 29.56 1.73 0.00 | 24.69 1.34 0.00 | 37.80 2.02 0.00 | 45.68 2.34 0.00 | 56.90 2.84 0.00 | 60.32 2.96 0.00 | 52.38 2.38 0.00 | 42.76 1.89 0.00 | 39.85 1.69 0.00 | 33.59 1.43 0.00 |
| CH_RES_BVR_FALLS 23983 | 31.71 -0.12 0.00 | 35.89 -0.20 0.00 | 37.49 -0.27 0.00 | 40.33 -0.33 0.00 | 40.36 -0.31 0.00 | 31.09 -0.21 0.00 | 43.94 -0.56 0.00 | 63.40 -0.91 0.00 | 58.63 -0.88 0.00 | 43.42 -0.58 0.00 | 40.04 -0.47 0.00 | 40.29 -0.51 0.00 | 38.02 -0.54 0.00 | 36.94 -0.41 0.00 | 27.55 -0.28 0.00 | 23.15 -0.20 0.00 | 35.57 -0.22 0.00 | 43.12 -0.22 0.00 | 53.87 -0.19 0.00 | 57.08 -0.27 0.00 | 49.73 -0.28 0.00 | 40.54 -0.33 0.00 | 37.84 -0.31 0.00 | 31.89 -0.26 0.00 |
| CH_RES_NIAGARA 23895 | 31.50 -0.33 0.00 | 35.96 -0.14 0.00 | 37.60 -0.16 0.00 | 40.67 0.01 0.00 | 40.72 0.05 0.00 | 31.78 0.48 0.00 | 45.10 0.60 0.00 | 64.43 0.12 0.00 | 60.22 0.71 0.00 | 45.22 1.23 0.00 | 41.30 0.79 0.00 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.94 0.60 0.00 | 28.12 0.29 0.00 | 23.47 0.12 0.00 | 35.25 -0.54 0.00 | 41.35 -2.00 0.00 | 51.30 -2.76 0.00 | 54.66 -2.70 0.00 | 47.92 -2.08 0.00 | 39.99 -0.88 0.00 | 38.08 -0.07 0.00 | 32.29 0.14 0.00 |
| CH_RES_SYRACUSE 23985 | 31.65 -0.18 0.00 | 35.91 -0.19 0.00 | 37.52 -0.24 0.00 | 40.45 -0.21 0.00 | 40.45 -0.22 0.00 | 31.25 -0.05 0.00 | 44.68 0.18 0.00 | 64.62 0.30 0.00 | 59.78 0.26 0.00 | 44.15 0.16 0.00 | 40.60 0.09 0.00 | 40.89 0.09 0.00 | 38.52 -0.04 0.00 | 37.06 -0.28 0.00 | 27.55 -0.28 0.00 | 23.12 -0.22 0.00 | 35.51 -0.27 0.00 | 43.09 -0.25 0.00 | 53.90 -0.16 0.00 | 57.31 -0.04 0.00 | 49.83 -0.18 0.00 | 40.81 -0.06 0.00 | 38.12 -0.03 0.00 | 32.09 -0.06 0.00 |
| CLINTON_WT_PWR 323605 | 31.56 -0.28 0.00 | 35.89 -0.21 0.00 | 37.78 0.02 0.00 | 40.78 0.12 0.00 | 41.01 0.34 0.00 | 31.48 0.18 0.00 | 44.34 -0.15 0.00 | 63.84 -0.47 0.00 | 59.08 -0.43 0.00 | 43.79 -0.20 0.00 | 40.32 -0.19 0.00 | 40.44 -0.36 0.00 | 37.97 -0.59 0.00 | 37.15 -0.20 0.00 | 27.55 -0.28 0.00 | 23.12 -0.23 0.00 | 35.56 -0.23 0.00 | 43.04 -0.31 0.00 | 53.98 -0.08 0.00 | 57.09 -0.26 0.00 | 49.81 -0.19 0.00 | 40.80 -0.07 0.00 | 38.11 -0.04 0.00 | 32.20 0.05 0.00 |
| CLINTON___LFGE 323618 | 31.58 -0.25 0.00 | 36.00 -0.09 0.00 | 38.01 0.24 0.00 | 41.11 0.45 0.00 | 41.51 0.84 0.00 | 31.81 0.51 0.00 | 44.94 0.44 0.00 | 64.56 0.25 0.00 | 59.69 0.18 0.00 | 44.15 0.16 0.00 | 40.75 0.24 0.00 | 40.80 0.00 0.00 | 38.09 -0.47 0.00 | 37.20 -0.14 0.00 | 27.52 -0.30 0.00 | 23.12 -0.23 0.00 | 35.71 -0.08 0.00 | 43.26 -0.08 0.00 | 54.47 0.41 0.00 | 57.49 0.14 0.00 | 50.13 0.13 0.00 | 41.14 0.27 0.00 | 38.38 0.23 0.00 | 32.43 0.28 0.00 |
| COBBLENY_34_KV_TB1 80064 | 31.90 0.07 0.00 | 36.43 0.33 0.00 | 38.05 0.28 0.00 | 41.20 0.54 0.00 | 41.20 0.53 0.00 | 32.21 0.92 0.00 | 45.99 1.49 0.00 | 65.96 1.65 0.00 | 61.52 2.00 0.00 | 46.00 2.01 0.00 | 41.96 1.45 0.00 | 42.43 1.63 0.00 | 39.99 1.43 0.00 | 38.42 1.08 0.00 | 28.45 0.62 0.00 | 23.73 0.38 0.00 | 35.86 0.07 0.00 | 42.65 -0.70 0.00 | 53.20 -0.85 0.00 | 56.78 -0.57 0.00 | 49.56 -0.44 0.00 | 41.02 0.15 0.00 | 38.79 0.63 0.00 | 32.74 0.59 0.00 |
| COFFEEN___115KV_TB3 355620 | 33.11 1.28 0.00 | 37.13 1.03 0.00 | 38.39 0.63 0.00 | 41.71 1.05 0.00 | 41.93 1.26 0.00 | 32.60 1.30 0.00 | 46.59 2.09 0.00 | 67.47 3.16 0.00 | 62.27 2.75 0.00 | 45.19 1.20 0.00 | 41.19 0.68 0.00 | 40.28 -0.53 0.00 | 37.49 -1.07 0.00 | 35.88 -1.46 0.00 | 26.71 -1.11 0.00 | 22.55 -0.79 0.00 | 35.20 -0.59 0.00 | 44.68 1.33 0.00 | 56.84 2.78 0.00 | 60.41 3.05 0.00 | 52.01 2.01 0.00 | 42.38 1.51 0.00 | 39.73 1.58 0.00 | 33.06 0.91 0.00 |
| COLDSPRG_115KV_BK1 355956 | 32.40 0.57 0.00 | 37.03 0.93 0.00 | 38.65 0.89 0.00 | 41.92 1.26 0.00 | 41.85 1.18 0.00 | 32.71 1.41 0.00 | 46.94 2.44 0.00 | 67.56 3.25 0.00 | 62.65 3.14 0.00 | 46.78 2.78 0.00 | 42.95 2.44 0.00 | 43.65 2.85 0.00 | 41.04 2.48 0.00 | 39.22 1.88 0.00 | 29.04 1.22 0.00 | 24.07 0.72 0.00 | 36.40 0.61 0.00 | 43.62 0.27 0.00 | 54.65 0.59 0.00 | 58.43 1.07 0.00 | 50.78 0.78 0.00 | 41.81 0.94 0.00 | 39.39 1.23 0.00 | 33.09 0.94 0.00 |
| COLONIE_LFGE___ 323577 | 32.40 0.56 0.00 | 36.74 0.65 0.00 | 38.43 0.67 0.00 | 41.32 0.65 0.00 | 41.28 0.61 0.00 | 31.81 0.51 0.00 | 45.67 1.17 0.00 | 66.12 1.81 0.00 | 61.18 1.67 0.00 | 45.21 1.21 0.00 | 41.73 1.23 0.00 | 42.08 1.27 0.00 | 39.82 1.26 0.00 | 38.22 0.87 0.00 | 28.53 0.71 0.00 | 23.91 0.56 0.00 | 36.67 0.88 0.00 | 44.50 1.15 0.00 | 55.45 1.39 0.00 | 58.68 1.33 0.00 | 51.18 1.17 0.00 | 41.80 0.93 0.00 | 38.89 0.74 0.00 | 32.72 0.57 0.00 |
| COOPERNY_115KV_TB1 80082 | 32.77 0.94 0.00 | 37.16 1.06 0.00 | 38.81 1.05 0.00 | 41.75 1.09 0.00 | 41.69 1.02 0.00 | 32.20 0.90 0.00 | 46.21 1.71 0.00 | 66.94 2.63 0.00 | 61.78 2.27 0.00 | 45.56 1.57 0.00 | 42.12 1.61 0.00 | 42.57 1.77 0.00 | 40.34 1.78 0.00 | 38.74 1.39 0.00 | 28.89 1.07 0.00 | 24.16 0.81 0.00 | 37.04 1.25 0.00 | 44.84 1.50 0.00 | 55.94 1.88 0.00 | 59.36 2.01 0.00 | 51.56 1.55 0.00 | 42.10 1.23 0.00 | 39.28 1.13 0.00 | 33.12 0.96 0.00 |
| COPENHAGEN_WT_PWR 323753 | 32.68 0.85 0.00 | 36.57 0.48 0.00 | 37.71 -0.05 0.00 | 41.07 0.41 0.00 | 41.30 0.63 0.00 | 32.09 0.79 0.00 | 45.81 1.31 0.00 | 66.31 2.00 0.00 | 61.27 1.75 0.00 | 44.70 0.71 0.00 | 40.73 0.22 0.00 | 40.07 -0.73 0.00 | 37.28 -1.28 0.00 | 35.66 -1.68 0.00 | 26.58 -1.25 0.00 | 22.46 -0.89 0.00 | 35.04 -0.75 0.00 | 44.07 0.72 0.00 | 55.97 1.91 0.00 | 59.45 2.10 0.00 | 51.07 1.07 0.00 | 41.58 0.70 0.00 | 39.03 0.87 0.00 | 32.45 0.29 0.00 |
| CORNELL_____ 23752 | 32.37 0.54 0.00 | 36.75 0.66 0.00 | 38.39 0.63 0.00 | 41.43 0.77 0.00 | 41.41 0.74 0.00 | 32.06 0.76 0.00 | 45.97 1.47 0.00 | 66.51 2.20 0.00 | 61.50 1.98 0.00 | 45.30 1.31 0.00 | 41.51 1.00 0.00 | 41.83 1.03 0.00 | 39.26 0.70 0.00 | 37.63 0.29 0.00 | 27.89 0.06 0.00 | 23.31 -0.04 0.00 | 35.86 0.08 0.00 | 43.82 0.48 0.00 | 55.19 1.13 0.00 | 58.83 1.48 0.00 | 51.07 1.07 0.00 | 41.83 0.96 0.00 | 39.07 0.92 0.00 | 32.87 0.71 0.00 |

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| CORONA V_69_KV_TB1 355595 | 34.78 1.79 -1.16 | 44.55 2.00 -6.46 | 39.73 1.96 0.00 | 42.64 1.98 0.00 | 42.37 1.70 0.00 | 32.64 1.34 0.00 | 46.60 2.10 0.00 | 67.33 3.02 0.00 | 62.58 3.07 0.00 | 46.23 2.23 0.00 | 44.96 2.62 -1.83 | 45.59 2.90 -1.89 | 55.70 2.92 -14.22 | 49.93 2.44 -10.15 | 37.63 2.04 -7.76 | 47.38 1.59 -22.44 | 38.05 2.26 0.00 | 45.76 2.42 0.00 | 56.42 2.36 0.00 | 59.92 2.57 0.00 | 52.26 2.26 0.00 | 42.76 1.89 0.00 | 39.94 1.79 0.00 | 33.82 1.66 0.00 |
| CORTLAND_115KV_TB3 80093 | 32.08 0.25 0.00 | 36.42 0.33 0.00 | 38.05 0.29 0.00 | 41.06 0.40 0.00 | 41.04 0.37 0.00 | 31.75 0.45 0.00 | 45.50 1.00 0.00 | 65.80 1.49 0.00 | 60.84 1.33 0.00 | 44.91 0.92 0.00 | 41.22 0.71 0.00 | 41.55 0.74 0.00 | 39.09 0.53 0.00 | 37.52 0.17 0.00 | 27.86 0.04 0.00 | 23.33 -0.02 0.00 | 35.84 0.05 0.00 | 43.63 0.29 0.00 | 54.73 0.67 0.00 | 58.22 0.87 0.00 | 50.60 0.60 0.00 | 41.40 0.53 0.00 | 38.68 0.53 0.00 | 32.55 0.39 0.00 |
| COXSACKIE___GT 23611 | 32.77 0.93 0.00 | 37.27 1.17 0.00 | 39.05 1.28 0.00 | 41.96 1.30 0.00 | 41.98 1.31 0.00 | 32.84 1.54 0.00 | 47.32 2.82 0.00 | 68.78 4.47 0.00 | 63.63 4.12 0.00 | 47.01 3.02 0.00 | 43.48 2.97 0.00 | 43.70 2.90 0.00 | 40.98 2.42 0.00 | 39.33 1.99 0.00 | 28.88 1.06 0.00 | 24.29 0.94 0.00 | 37.63 1.85 0.00 | 45.86 2.51 0.00 | 57.92 3.86 0.00 | 61.42 4.07 0.00 | 53.50 3.50 0.00 | 43.60 2.73 0.00 | 40.48 2.32 0.00 | 33.98 1.83 0.00 |
| CPV_VALLEY___CC1 323721 | 32.98 1.15 0.00 | 37.37 1.27 0.00 | 38.98 1.22 0.00 | 41.90 1.24 0.00 | 41.84 1.17 0.00 | 32.37 1.07 0.00 | 46.51 2.01 0.00 | 67.39 3.08 0.00 | 62.29 2.78 0.00 | 45.85 1.85 0.00 | 42.49 1.98 0.00 | 43.01 2.21 0.00 | 40.84 2.28 0.00 | 39.22 1.88 0.00 | 29.76 1.46 -0.48 | 24.81 1.11 -0.35 | 37.48 1.69 0.00 | 45.31 1.96 0.00 | 56.52 2.47 0.00 | 59.87 2.52 0.00 | 51.91 1.91 0.00 | 42.35 1.48 0.00 | 39.50 1.35 0.00 | 33.32 1.17 0.00 |
| CPV_VALLEY___CC2 323722 | 32.98 1.15 0.00 | 37.37 1.27 0.00 | 38.98 1.22 0.00 | 41.90 1.24 0.00 | 41.84 1.17 0.00 | 32.37 1.07 0.00 | 46.51 2.01 0.00 | 67.39 3.08 0.00 | 62.29 2.78 0.00 | 45.85 1.85 0.00 | 42.49 1.98 0.00 | 43.01 2.21 0.00 | 40.84 2.28 0.00 | 39.22 1.88 0.00 | 29.76 1.46 -0.48 | 24.81 1.11 -0.35 | 37.48 1.69 0.00 | 45.31 1.96 0.00 | 56.52 2.47 0.00 | 59.87 2.52 0.00 | 51.91 1.91 0.00 | 42.35 1.48 0.00 | 39.50 1.35 0.00 | 33.32 1.17 0.00 |
| CRESCENT___HYD 24018 | 32.40 0.56 0.00 | 36.74 0.65 0.00 | 38.43 0.67 0.00 | 41.32 0.65 0.00 | 41.28 0.61 0.00 | 31.81 0.51 0.00 | 45.67 1.17 0.00 | 66.12 1.81 0.00 | 61.18 1.67 0.00 | 45.21 1.21 0.00 | 41.73 1.23 0.00 | 42.08 1.27 0.00 | 39.82 1.26 0.00 | 38.22 0.87 0.00 | 28.53 0.71 0.00 | 23.91 0.56 0.00 | 36.67 0.88 0.00 | 44.50 1.15 0.00 | 55.45 1.39 0.00 | 58.68 1.33 0.00 | 51.18 1.17 0.00 | 41.80 0.93 0.00 | 38.89 0.74 0.00 | 32.72 0.57 0.00 |
| CRICKET___VALLEY_CC1 323756 | 32.53 0.70 0.00 | 36.88 0.78 0.00 | 38.46 0.70 0.00 | 41.30 0.64 0.00 | 41.21 0.54 0.00 | 31.78 0.48 0.00 | 45.57 1.07 0.00 | 66.03 1.72 0.00 | 61.12 1.61 0.00 | 45.07 1.08 0.00 | 41.80 1.29 0.00 | 42.30 1.50 0.00 | 40.16 1.60 0.00 | 38.63 1.29 0.00 | 28.89 1.07 0.00 | 24.16 0.82 0.00 | 36.92 1.13 0.00 | 44.55 1.21 0.00 | 55.38 1.33 0.00 | 58.72 1.37 0.00 | 51.14 1.14 0.00 | 41.77 0.90 0.00 | 38.92 0.77 0.00 | 32.80 0.64 0.00 |
| CRICKET___VALLEY_CC2 323757 | 32.53 0.70 0.00 | 36.88 0.78 0.00 | 38.46 0.70 0.00 | 41.30 0.64 0.00 | 41.21 0.54 0.00 | 31.78 0.48 0.00 | 45.57 1.07 0.00 | 66.03 1.72 0.00 | 61.12 1.61 0.00 | 45.07 1.08 0.00 | 41.80 1.29 0.00 | 42.30 1.50 0.00 | 40.16 1.60 0.00 | 38.63 1.29 0.00 | 28.89 1.07 0.00 | 24.16 0.82 0.00 | 36.92 1.13 0.00 | 44.55 1.21 0.00 | 55.38 1.33 0.00 | 58.72 1.37 0.00 | 51.14 1.14 0.00 | 41.77 0.90 0.00 | 38.92 0.77 0.00 | 32.80 0.64 0.00 |
| CRICKET___VALLEY_CC3 323758 | 32.53 0.70 0.00 | 36.88 0.78 0.00 | 38.46 0.70 0.00 | 41.30 0.64 0.00 | 41.21 0.54 0.00 | 31.78 0.48 0.00 | 45.57 1.07 0.00 | 66.03 1.72 0.00 | 61.12 1.61 0.00 | 45.07 1.08 0.00 | 41.80 1.29 0.00 | 42.30 1.50 0.00 | 40.16 1.60 0.00 | 38.63 1.29 0.00 | 28.89 1.07 0.00 | 24.16 0.82 0.00 | 36.92 1.13 0.00 | 44.55 1.21 0.00 | 55.38 1.33 0.00 | 58.72 1.37 0.00 | 51.14 1.14 0.00 | 41.77 0.90 0.00 | 38.92 0.77 0.00 | 32.80 0.64 0.00 |
| CRUCIBLE_METL_DRP 24180 | 31.65 -0.18 0.00 | 35.91 -0.19 0.00 | 37.52 -0.25 0.00 | 40.45 -0.21 0.00 | 40.44 -0.22 0.00 | 31.25 -0.05 0.00 | 44.68 0.18 0.00 | 64.61 0.30 0.00 | 59.78 0.26 0.00 | 44.15 0.16 0.00 | 40.60 0.09 0.00 | 40.89 0.09 0.00 | 38.52 -0.04 0.00 | 37.06 -0.28 0.00 | 27.54 -0.28 0.00 | 23.12 -0.23 0.00 | 35.51 -0.28 0.00 | 43.09 -0.25 0.00 | 53.90 -0.16 0.00 | 57.31 -0.04 0.00 | 49.83 -0.17 0.00 | 40.81 -0.06 0.00 | 38.12 -0.03 0.00 | 32.09 -0.06 0.00 |
| DAHOWA___HYDRO 323763 | 32.88 1.05 0.00 | 37.26 1.16 0.00 | 38.97 1.21 0.00 | 41.93 1.27 0.00 | 41.90 1.23 0.00 | 32.30 1.00 0.00 | 46.53 2.03 0.00 | 67.48 3.16 0.00 | 62.37 2.86 0.00 | 46.05 2.06 0.00 | 42.40 1.89 0.00 | 42.70 1.90 0.00 | 40.22 1.65 0.00 | 38.40 1.06 0.00 | 28.62 0.80 0.00 | 24.12 0.77 0.00 | 37.11 1.32 0.00 | 45.34 2.00 0.00 | 56.67 2.61 0.00 | 60.00 2.65 0.00 | 52.24 2.24 0.00 | 42.63 1.76 0.00 | 39.60 1.45 0.00 | 33.19 1.04 0.00 |
| DANC___LFGE 323619 | 32.13 0.30 0.00 | 36.14 0.04 0.00 | 37.45 -0.31 0.00 | 40.63 -0.04 0.00 | 40.77 0.10 0.00 | 31.62 0.32 0.00 | 45.11 0.62 0.00 | 65.25 0.93 0.00 | 60.39 0.88 0.00 | 44.25 0.26 0.00 | 40.47 -0.04 0.00 | 40.14 -0.66 0.00 | 37.52 -1.04 0.00 | 35.98 -1.36 0.00 | 26.80 -1.03 0.00 | 22.59 -0.76 0.00 | 34.98 -0.80 0.00 | 43.41 0.07 0.00 | 54.83 0.77 0.00 | 58.24 0.89 0.00 | 50.31 0.31 0.00 | 41.13 0.26 0.00 | 38.53 0.38 0.00 | 32.19 0.03 0.00 |
| DANSKAMMER___1 23586 | 33.26 1.43 0.00 | 37.68 1.58 0.00 | 39.29 1.53 0.00 | 42.20 1.54 0.00 | 42.13 1.46 0.00 | 32.57 1.27 0.00 | 46.77 2.27 0.00 | 67.79 3.48 0.00 | 62.72 3.21 0.00 | 46.24 2.25 0.00 | 42.88 2.37 0.00 | 43.37 2.57 0.00 | 41.18 2.61 0.00 | 39.56 2.22 0.00 | 29.56 1.73 0.00 | 24.69 1.34 0.00 | 37.80 2.02 0.00 | 45.68 2.34 0.00 | 56.90 2.84 0.00 | 60.32 2.96 0.00 | 52.38 2.38 0.00 | 42.76 1.89 0.00 | 39.85 1.69 0.00 | 33.59 1.43 0.00 |
| DANSKAMMER___2 23589 | 33.26 1.43 0.00 | 37.68 1.58 0.00 | 39.29 1.53 0.00 | 42.20 1.54 0.00 | 42.13 1.46 0.00 | 32.57 1.27 0.00 | 46.77 2.27 0.00 | 67.79 3.48 0.00 | 62.72 3.21 0.00 | 46.24 2.25 0.00 | 42.88 2.37 0.00 | 43.37 2.57 0.00 | 41.18 2.61 0.00 | 39.56 2.22 0.00 | 29.56 1.73 0.00 | 24.69 1.34 0.00 | 37.80 2.02 0.00 | 45.68 2.34 0.00 | 56.90 2.84 0.00 | 60.32 2.96 0.00 | 52.38 2.38 0.00 | 42.76 1.89 0.00 | 39.85 1.69 0.00 | 33.59 1.43 0.00 |
| DANSKAMMER___3 23590 | 33.26 1.43 0.00 | 37.68 1.58 0.00 | 39.29 1.53 0.00 | 42.20 1.54 0.00 | 42.13 1.46 0.00 | 32.57 1.27 0.00 | 46.77 2.27 0.00 | 67.79 3.48 0.00 | 62.72 3.21 0.00 | 46.24 2.25 0.00 | 42.88 2.37 0.00 | 43.37 2.57 0.00 | 41.18 2.61 0.00 | 39.56 2.22 0.00 | 29.56 1.73 0.00 | 24.69 1.34 0.00 | 37.80 2.02 0.00 | 45.68 2.34 0.00 | 56.90 2.84 0.00 | 60.32 2.96 0.00 | 52.38 2.38 0.00 | 42.76 1.89 0.00 | 39.85 1.69 0.00 | 33.59 1.43 0.00 |

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| DANSKAMMER___4 23591 | 33.26 1.43 0.00 | 37.68 1.58 0.00 | 39.29 1.53 0.00 | 42.20 1.54 0.00 | 42.13 1.46 0.00 | 32.57 1.27 0.00 | 46.77 2.27 0.00 | 67.79 3.48 0.00 | 62.72 3.21 0.00 | 46.24 2.25 0.00 | 42.88 2.37 0.00 | 43.37 2.57 0.00 | 41.18 2.61 0.00 | 39.56 2.22 0.00 | 29.56 1.73 0.00 | 24.69 1.34 0.00 | 37.80 2.02 0.00 | 45.68 2.34 0.00 | 56.90 2.84 0.00 | 60.32 2.96 0.00 | 52.38 2.38 0.00 | 42.76 1.89 0.00 | 39.85 1.69 0.00 | 33.59 1.43 0.00 |
| DANSKAMMER___DIESEL 23592 | 33.26 1.43 0.00 | 37.68 1.58 0.00 | 39.29 1.53 0.00 | 42.20 1.54 0.00 | 42.12 1.45 0.00 | 32.57 1.27 0.00 | 46.77 2.27 0.00 | 67.79 3.48 0.00 | 62.72 3.21 0.00 | 46.24 2.25 0.00 | 42.88 2.37 0.00 | 43.37 2.57 0.00 | 41.18 2.62 0.00 | 39.56 2.22 0.00 | 29.55 1.73 0.00 | 24.69 1.34 0.00 | 37.81 2.03 0.00 | 45.68 2.34 0.00 | 56.90 2.85 0.00 | 60.31 2.96 0.00 | 52.38 2.38 0.00 | 42.76 1.89 0.00 | 39.85 1.69 0.00 | 33.58 1.43 0.00 |
| DARBY___SOLAR 323810 | 32.77 0.93 0.00 | 37.14 1.04 0.00 | 38.84 1.08 0.00 | 41.78 1.12 0.00 | 41.76 1.09 0.00 | 32.18 0.88 0.00 | 46.32 1.82 0.00 | 67.13 2.82 0.00 | 62.06 2.55 0.00 | 45.82 1.82 0.00 | 42.21 1.70 0.00 | 42.51 1.71 0.00 | 40.06 1.50 0.00 | 38.27 0.93 0.00 | 28.55 0.72 0.00 | 24.03 0.68 0.00 | 36.97 1.18 0.00 | 45.12 1.78 0.00 | 56.35 2.29 0.00 | 59.66 2.30 0.00 | 51.97 1.96 0.00 | 42.42 1.55 0.00 | 39.42 1.27 0.00 | 33.08 0.93 0.00 |
| DASHVILLE___HYD 23610 | 32.89 1.05 0.00 | 37.26 1.16 0.00 | 38.86 1.10 0.00 | 41.75 1.09 0.00 | 41.66 0.99 0.00 | 32.16 0.86 0.00 | 46.11 1.61 0.00 | 66.83 2.52 0.00 | 61.84 2.33 0.00 | 45.58 1.59 0.00 | 42.25 1.74 0.00 | 42.72 1.92 0.00 | 40.57 2.01 0.00 | 38.97 1.62 0.00 | 29.09 1.27 0.00 | 24.32 0.97 0.00 | 37.31 1.52 0.00 | 45.00 1.65 0.00 | 56.02 1.96 0.00 | 59.41 2.06 0.00 | 51.74 1.73 0.00 | 42.24 1.36 0.00 | 39.37 1.22 0.00 | 33.18 1.02 0.00 |
| DELAWARE___LFGE 323621 | 32.58 0.74 0.00 | 36.95 0.86 0.00 | 38.67 0.91 0.00 | 41.65 0.99 0.00 | 41.58 0.91 0.00 | 32.06 0.76 0.00 | 45.94 1.44 0.00 | 66.44 2.12 0.00 | 61.41 1.90 0.00 | 45.35 1.35 0.00 | 41.72 1.21 0.00 | 42.13 1.33 0.00 | 39.79 1.23 0.00 | 38.31 0.97 0.00 | 28.53 0.71 0.00 | 23.87 0.52 0.00 | 36.64 0.86 0.00 | 44.42 1.07 0.00 | 55.35 1.29 0.00 | 58.73 1.37 0.00 | 51.14 1.14 0.00 | 41.80 0.93 0.00 | 39.03 0.88 0.00 | 32.87 0.72 0.00 |
| DERFIELD_115KV_TB7 355931 | 31.92 0.09 0.00 | 36.20 0.11 0.00 | 37.87 0.10 0.00 | 40.75 0.09 0.00 | 40.75 0.08 0.00 | 31.39 0.09 0.00 | 44.77 0.27 0.00 | 64.74 0.43 0.00 | 59.87 0.35 0.00 | 44.25 0.26 0.00 | 40.75 0.24 0.00 | 41.06 0.26 0.00 | 38.79 0.22 0.00 | 37.44 0.10 0.00 | 27.91 0.09 0.00 | 23.41 0.06 0.00 | 35.90 0.11 0.00 | 43.54 0.20 0.00 | 54.30 0.24 0.00 | 57.58 0.23 0.00 | 50.20 0.20 0.00 | 41.03 0.16 0.00 | 38.26 0.11 0.00 | 32.25 0.09 0.00 |
| DOGLEVILLE___HYD 23807 | 33.61 1.78 0.00 | 38.17 2.07 0.00 | 39.84 2.08 0.00 | 42.90 2.24 0.00 | 42.85 2.18 0.00 | 33.12 1.82 0.00 | 47.85 3.35 0.00 | 69.39 5.08 0.00 | 63.40 3.89 0.00 | 46.71 2.72 0.00 | 42.68 2.17 0.00 | 42.48 1.68 0.00 | 39.86 1.30 0.00 | 38.31 0.96 0.00 | 28.49 0.67 0.00 | 23.88 0.53 0.00 | 36.75 0.96 0.00 | 45.57 2.22 0.00 | 57.46 3.40 0.00 | 61.05 3.70 0.00 | 53.15 3.14 0.00 | 43.52 2.65 0.00 | 40.43 2.28 0.00 | 33.96 1.80 0.00 |
| DUNKIRK__115KV_TB_200 55889 | 31.92 0.08 0.00 | 36.49 0.39 0.00 | 38.08 0.32 0.00 | 41.31 0.65 0.00 | 41.27 0.60 0.00 | 32.27 0.97 0.00 | 46.26 1.77 0.00 | 66.35 2.04 0.00 | 61.53 2.02 0.00 | 46.00 2.01 0.00 | 42.10 1.59 0.00 | 42.73 1.93 0.00 | 40.23 1.67 0.00 | 38.50 1.16 0.00 | 28.49 0.67 0.00 | 23.68 0.34 0.00 | 35.84 0.05 0.00 | 42.78 -0.57 0.00 | 53.51 -0.55 0.00 | 57.30 -0.06 0.00 | 49.85 -0.15 0.00 | 41.15 0.28 0.00 | 38.79 0.63 0.00 | 32.59 0.44 0.00 |
| DUNKIRK___1 23563 | 31.92 0.08 0.00 | 36.49 0.39 0.00 | 38.08 0.32 0.00 | 41.31 0.65 0.00 | 41.27 0.60 0.00 | 32.27 0.97 0.00 | 46.26 1.77 0.00 | 66.35 2.04 0.00 | 61.53 2.02 0.00 | 46.00 2.01 0.00 | 42.10 1.59 0.00 | 42.73 1.93 0.00 | 40.23 1.67 0.00 | 38.50 1.16 0.00 | 28.49 0.67 0.00 | 23.68 0.34 0.00 | 35.84 0.05 0.00 | 42.78 -0.57 0.00 | 53.51 -0.55 0.00 | 57.30 -0.06 0.00 | 49.85 -0.15 0.00 | 41.15 0.28 0.00 | 38.79 0.63 0.00 | 32.59 0.44 0.00 |
| DUNKIRK___2 23564 | 31.92 0.08 0.00 | 36.49 0.39 0.00 | 38.08 0.32 0.00 | 41.31 0.65 0.00 | 41.27 0.60 0.00 | 32.27 0.97 0.00 | 46.26 1.77 0.00 | 66.35 2.04 0.00 | 61.53 2.02 0.00 | 46.00 2.01 0.00 | 42.10 1.59 0.00 | 42.73 1.93 0.00 | 40.23 1.67 0.00 | 38.50 1.16 0.00 | 28.49 0.67 0.00 | 23.68 0.34 0.00 | 35.84 0.05 0.00 | 42.78 -0.57 0.00 | 53.51 -0.55 0.00 | 57.30 -0.06 0.00 | 49.85 -0.15 0.00 | 41.15 0.28 0.00 | 38.79 0.63 0.00 | 32.59 0.44 0.00 |
| DUNKIRK___3 23565 | 31.85 0.02 0.00 | 36.42 0.32 0.00 | 38.00 0.24 0.00 | 41.22 0.55 0.00 | 41.18 0.51 0.00 | 32.18 0.88 0.00 | 46.06 1.57 0.00 | 66.05 1.74 0.00 | 61.36 1.85 0.00 | 45.84 1.85 0.00 | 41.94 1.43 0.00 | 42.56 1.76 0.00 | 40.10 1.54 0.00 | 38.41 1.07 0.00 | 28.43 0.61 0.00 | 23.65 0.30 0.00 | 35.76 -0.03 0.00 | 42.61 -0.73 0.00 | 53.28 -0.78 0.00 | 57.00 -0.36 0.00 | 49.62 -0.39 0.00 | 40.99 0.12 0.00 | 38.68 0.53 0.00 | 32.57 0.42 0.00 |
| DUNKIRK___4 23566 | 31.85 0.02 0.00 | 36.42 0.32 0.00 | 38.00 0.24 0.00 | 41.22 0.55 0.00 | 41.18 0.51 0.00 | 32.18 0.88 0.00 | 46.06 1.57 0.00 | 66.05 1.74 0.00 | 61.36 1.85 0.00 | 45.84 1.85 0.00 | 41.94 1.43 0.00 | 42.56 1.76 0.00 | 40.10 1.54 0.00 | 38.41 1.07 0.00 | 28.43 0.61 0.00 | 23.65 0.30 0.00 | 35.76 -0.03 0.00 | 42.61 -0.73 0.00 | 53.28 -0.78 0.00 | 57.00 -0.36 0.00 | 49.62 -0.39 0.00 | 40.99 0.12 0.00 | 38.68 0.53 0.00 | 32.57 0.42 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 33.25 1.42 0.00 | 37.68 1.58 0.00 | 39.24 1.48 0.00 | 42.12 1.46 0.00 | 42.01 1.34 0.00 | 32.50 1.20 0.00 | 46.61 2.11 0.00 | 67.53 3.22 0.00 | 62.53 3.01 0.00 | 46.12 2.12 0.00 | 42.84 2.34 0.00 | 43.41 2.61 0.00 | 41.27 2.71 0.00 | 39.68 2.34 0.00 | 29.67 1.85 0.00 | 24.79 1.45 0.00 | 37.89 2.10 0.00 | 45.64 2.29 0.00 | 56.67 2.61 0.00 | 60.01 2.66 0.00 | 52.11 2.11 0.00 | 42.56 1.69 0.00 | 39.73 1.58 0.00 | 33.55 1.39 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 33.16 1.33 0.00 | 37.56 1.47 0.00 | 39.18 1.42 0.00 | 42.09 1.44 0.00 | 42.02 1.35 0.00 | 32.52 1.22 0.00 | 46.73 2.23 0.00 | 67.72 3.41 0.00 | 62.63 3.11 0.00 | 46.10 2.11 0.00 | 42.73 2.22 0.00 | 43.22 2.42 0.00 | 41.03 2.46 0.00 | 39.39 2.05 0.00 | 29.43 1.61 0.00 | 24.57 1.22 0.00 | 37.66 1.88 0.00 | 45.54 2.20 0.00 | 56.81 2.76 0.00 | 60.23 2.88 0.00 | 52.25 2.25 0.00 | 42.63 1.76 0.00 | 39.74 1.58 0.00 | 33.50 1.34 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 33.32 1.49 0.00 | 37.75 1.65 0.00 | 39.32 1.56 0.00 | 42.16 1.50 0.00 | 42.10 1.43 0.00 | 32.62 1.32 0.00 | 46.64 2.14 0.00 | 67.65 3.34 0.00 | 62.58 3.07 0.00 | 46.22 2.22 0.00 | 42.92 2.41 0.00 | 43.47 2.67 0.00 | 41.42 2.86 0.00 | 39.88 2.48 -0.05 | 52.07 1.80 -22.45 | 40.89 1.38 -16.16 | 38.08 2.24 -0.05 | 45.70 2.35 0.00 | 56.67 2.61 0.00 | 60.07 2.71 0.00 | 52.14 2.13 0.00 | 42.58 1.71 0.00 | 39.74 1.59 0.00 | 33.64 1.48 0.00 |

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| E179THST_13_KV_LOAD 356214 | 33.45 1.62 0.00 | 37.89 1.80 0.00 | 39.47 1.70 0.00 | 42.31 1.65 0.00 | 42.25 1.58 0.00 | 32.75 1.45 0.00 | 46.84 2.34 0.00 | 67.95 3.64 0.00 | 62.87 3.36 0.00 | 46.43 2.44 0.00 | 43.12 2.61 0.00 | 43.67 2.87 0.00 | 41.63 3.07 0.00 | 40.07 2.67 -0.05 | 52.21 1.94 -22.45 | 41.01 1.51 -16.16 | 38.26 2.42 -0.05 | 45.93 2.58 0.00 | 56.94 2.89 0.00 | 60.36 3.01 0.00 | 52.40 2.40 0.00 | 42.78 1.91 0.00 | 39.92 1.77 0.00 | 33.78 1.63 0.00 |
| EAST HAMPTON___GT 23717 | 33.40 0.94 -0.63 | 40.91 1.30 -3.52 | 39.42 1.66 0.00 | 42.69 2.03 0.00 | 42.84 2.17 0.00 | 33.00 1.69 0.00 | 46.98 2.48 0.00 | 66.27 2.97 1.01 | 59.12 2.91 3.30 | 46.11 2.14 0.02 | 44.05 2.54 -1.00 | 44.32 2.49 -1.03 | 49.40 3.09 -7.75 | 45.10 2.23 -5.53 | 33.36 1.89 -3.64 | 37.16 2.01 -11.80 | 38.02 2.33 0.10 | 42.74 1.47 2.07 | 51.50 -0.05 2.51 | 54.18 -0.43 2.75 | 47.37 -0.43 2.21 | 39.42 -0.04 1.41 | 38.18 0.03 0.00 | 32.33 0.17 0.00 |
| EAST RIVER___6 23660 | 33.44 1.61 0.00 | 37.85 1.76 0.00 | 39.40 1.63 0.00 | 42.25 1.59 0.00 | 42.16 1.49 0.00 | 32.69 1.39 0.00 | 46.82 2.32 0.00 | 67.89 3.58 0.00 | 62.93 3.42 0.00 | 46.47 2.48 0.00 | 43.20 2.69 0.00 | 43.80 3.00 0.00 | 41.69 3.13 0.00 | 40.16 2.78 -0.04 | 47.54 2.18 -17.54 | 37.74 1.71 -12.68 | 38.35 2.52 -0.04 | 46.06 2.71 0.00 | 57.04 2.99 0.00 | 60.36 3.01 0.00 | 52.38 2.37 0.00 | 42.76 1.88 0.00 | 39.90 1.74 0.00 | 33.73 1.57 0.00 |
| EAST RIVER___7 23524 | 33.44 1.61 0.00 | 37.85 1.76 0.00 | 39.40 1.63 0.00 | 42.25 1.59 0.00 | 42.16 1.49 0.00 | 32.69 1.39 0.00 | 46.82 2.32 0.00 | 67.89 3.58 0.00 | 62.93 3.42 0.00 | 46.47 2.48 0.00 | 43.20 2.69 0.00 | 43.80 3.00 0.00 | 41.69 3.13 0.00 | 40.16 2.78 -0.04 | 47.54 2.18 -17.54 | 37.74 1.71 -12.68 | 38.35 2.52 -0.04 | 46.06 2.71 0.00 | 57.04 2.99 0.00 | 60.36 3.01 0.00 | 52.38 2.37 0.00 | 42.76 1.88 0.00 | 39.90 1.74 0.00 | 33.73 1.57 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 33.19 1.35 0.00 | 37.60 1.51 0.00 | 39.19 1.43 0.00 | 42.07 1.41 0.00 | 41.97 1.30 0.00 | 32.47 1.17 0.00 | 46.56 2.06 0.00 | 67.45 3.14 0.00 | 62.45 2.94 0.00 | 46.04 2.05 0.00 | 42.76 2.25 0.00 | 43.31 2.51 0.00 | 41.18 2.61 0.00 | 39.59 2.24 0.00 | 30.36 1.76 -0.77 | 25.29 1.38 -0.55 | 37.80 2.02 0.00 | 45.55 2.20 0.00 | 56.61 2.55 0.00 | 59.95 2.60 0.00 | 52.05 2.05 0.00 | 42.50 1.63 0.00 | 39.66 1.51 0.00 | 33.49 1.34 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 33.31 0.85 -0.63 | 40.83 1.22 -3.52 | 39.36 1.60 0.00 | 42.64 1.98 0.00 | 42.82 2.15 0.00 | 33.00 1.70 0.00 | 46.98 2.48 0.00 | 66.26 2.96 1.01 | 59.08 2.87 3.30 | 46.08 2.11 0.02 | 44.00 2.49 -1.00 | 44.26 2.43 -1.03 | 49.35 3.04 -7.75 | 45.04 2.17 -5.53 | 33.33 1.86 -3.64 | 37.15 2.00 -11.80 | 37.98 2.29 0.10 | 42.67 1.39 2.07 | 51.34 -0.21 2.51 | 53.99 -0.62 2.75 | 47.20 -0.60 2.21 | 39.29 -0.17 1.41 | 38.04 -0.11 0.00 | 32.22 0.06 0.00 |
| EAST_POINT___SOLAR 323840 | 32.79 0.95 0.00 | 37.14 1.05 0.00 | 38.84 1.08 0.00 | 41.81 1.15 0.00 | 41.87 1.20 0.00 | 32.37 1.07 0.00 | 46.33 1.83 0.00 | 67.18 2.87 0.00 | 61.51 1.99 0.00 | 45.36 1.36 0.00 | 41.32 0.81 0.00 | 40.44 -0.36 0.00 | 37.63 -0.93 0.00 | 36.68 -0.66 0.00 | 27.17 -0.66 0.00 | 22.76 -0.59 0.00 | 35.31 -0.48 0.00 | 44.33 0.99 0.00 | 56.04 1.98 0.00 | 59.62 2.27 0.00 | 51.86 1.85 0.00 | 42.37 1.50 0.00 | 39.45 1.30 0.00 | 33.09 0.94 0.00 |
| EAST_PULASKI___ESR 323781 | 31.57 -0.26 0.00 | 35.66 -0.44 0.00 | 37.17 -0.59 0.00 | 40.13 -0.53 0.00 | 40.20 -0.47 0.00 | 31.13 -0.18 0.00 | 44.40 -0.10 0.00 | 64.14 -0.17 0.00 | 59.43 -0.09 0.00 | 43.77 -0.22 0.00 | 40.17 -0.34 0.00 | 40.16 -0.64 0.00 | 37.68 -0.89 0.00 | 36.25 -1.10 0.00 | 26.97 -0.86 0.00 | 22.68 -0.66 0.00 | 34.90 -0.89 0.00 | 42.73 -0.61 0.00 | 53.70 -0.36 0.00 | 57.04 -0.32 0.00 | 49.53 -0.48 0.00 | 40.68 -0.19 0.00 | 38.06 -0.09 0.00 | 31.94 -0.21 0.00 |
| EAST_RIVER___1 323558 | 33.42 1.58 0.00 | 37.84 1.75 0.00 | 39.40 1.64 0.00 | 42.25 1.59 0.00 | 42.16 1.49 0.00 | 32.67 1.37 0.00 | 46.78 2.29 0.00 | 67.83 3.51 0.00 | 62.83 3.31 0.00 | 46.39 2.40 0.00 | 43.12 2.60 0.00 | 43.71 2.90 0.00 | 41.61 3.05 0.00 | 40.08 2.70 -0.04 | 47.48 2.11 -17.54 | 37.68 1.66 -12.68 | 38.24 2.41 -0.04 | 45.94 2.60 0.00 | 56.97 2.91 0.00 | 60.29 2.94 0.00 | 52.32 2.32 0.00 | 42.71 1.84 0.00 | 39.86 1.71 0.00 | 33.70 1.55 0.00 |
| EAST_RIVER___2 323559 | 33.44 1.61 0.00 | 37.85 1.76 0.00 | 39.40 1.63 0.00 | 42.25 1.59 0.00 | 42.16 1.49 0.00 | 32.69 1.39 0.00 | 46.82 2.32 0.00 | 67.89 3.58 0.00 | 62.93 3.42 0.00 | 46.47 2.48 0.00 | 43.20 2.69 0.00 | 43.80 3.00 0.00 | 41.69 3.13 0.00 | 40.16 2.78 -0.04 | 47.54 2.18 -17.54 | 37.74 1.71 -12.68 | 38.35 2.52 -0.04 | 46.06 2.71 0.00 | 57.04 2.99 0.00 | 60.36 3.01 0.00 | 52.38 2.37 0.00 | 42.76 1.88 0.00 | 39.90 1.74 0.00 | 33.73 1.57 0.00 |
| EAST___DELAWARE_HYD 23607 | 32.66 0.82 0.00 | 36.97 0.88 0.00 | 38.58 0.82 0.00 | 41.46 0.80 0.00 | 41.41 0.74 0.00 | 32.00 0.70 0.00 | 46.00 1.50 0.00 | 66.74 2.43 0.00 | 61.48 1.97 0.00 | 45.35 1.36 0.00 | 41.93 1.42 0.00 | 42.29 1.49 0.00 | 39.98 1.42 0.00 | 37.45 0.11 0.00 | 27.99 0.16 0.00 | 23.36 0.01 0.00 | 35.92 0.13 0.00 | 43.61 0.26 0.00 | 54.71 0.65 0.00 | 59.39 2.04 0.00 | 51.59 1.59 0.00 | 42.08 1.21 0.00 | 39.19 1.04 0.00 | 33.00 0.85 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 30.97 -0.87 0.00 | 35.39 -0.71 0.00 | 37.04 -0.73 0.00 | 40.56 -0.10 0.00 | 40.45 -0.22 0.00 | 31.61 0.31 0.00 | 45.70 1.20 0.00 | 65.64 1.33 0.00 | 60.84 1.32 0.00 | 44.89 0.90 0.00 | 41.29 0.47 -0.32 | 41.41 0.61 0.00 | 38.81 0.25 0.00 | 36.91 -0.43 0.00 | 27.20 -0.62 0.00 | 22.62 -0.73 0.00 | 34.72 -1.07 0.00 | 42.15 -1.19 0.00 | 52.92 -1.14 0.00 | 56.72 -0.63 0.00 | 49.17 -0.83 0.00 | 40.57 -0.31 0.00 | 38.10 -0.05 0.00 | 31.77 -0.38 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 31.51 -0.33 0.00 | 35.76 -0.33 0.00 | 37.36 -0.40 0.00 | 40.29 -0.37 0.00 | 40.30 -0.37 0.00 | 31.11 -0.19 0.00 | 44.47 -0.02 0.00 | 64.28 -0.03 0.00 | 59.50 -0.01 0.00 | 43.94 -0.05 0.00 | 40.39 -0.11 0.00 | 40.69 -0.11 0.00 | 38.37 -0.20 0.00 | 36.89 -0.45 0.00 | 27.42 -0.41 0.00 | 23.00 -0.35 0.00 | 35.29 -0.49 0.00 | 42.82 -0.52 0.00 | 53.57 -0.49 0.00 | 57.04 -0.31 0.00 | 49.57 -0.44 0.00 | 40.61 -0.26 0.00 | 37.91 -0.24 0.00 | 31.95 -0.20 0.00 |
| ELEC_TRO_TEK 24086 | 34.56 1.60 -1.13 | 44.23 1.82 -6.31 | 39.51 1.75 0.00 | 42.40 1.74 0.00 | 42.12 1.46 0.00 | 32.46 1.16 0.00 | 46.35 1.85 0.00 | 66.94 2.62 0.00 | 62.27 2.76 0.00 | 45.99 1.99 0.00 | 44.74 2.45 -1.79 | 45.38 2.73 -1.85 | 55.23 2.77 -13.90 | 49.56 2.30 -9.92 | 37.32 1.94 -7.55 | 46.75 1.49 -21.91 | 37.84 2.05 0.00 | 45.52 2.17 0.00 | 56.18 2.13 0.00 | 59.61 2.26 0.00 | 51.93 1.92 0.00 | 42.48 1.61 0.00 | 39.69 1.54 0.00 | 33.64 1.48 0.00 |
| ELLENBURG_WT_PWR 323604 | 31.56 -0.28 0.00 | 35.89 -0.21 0.00 | 37.78 0.02 0.00 | 40.78 0.12 0.00 | 41.01 0.34 0.00 | 31.48 0.18 0.00 | 44.34 -0.15 0.00 | 63.84 -0.47 0.00 | 59.08 -0.43 0.00 | 43.79 -0.20 0.00 | 40.32 -0.19 0.00 | 40.44 -0.36 0.00 | 37.97 -0.59 0.00 | 37.15 -0.20 0.00 | 27.55 -0.28 0.00 | 23.12 -0.23 0.00 | 35.56 -0.23 0.00 | 43.04 -0.31 0.00 | 53.98 -0.08 0.00 | 57.09 -0.26 0.00 | 49.81 -0.19 0.00 | 40.80 -0.07 0.00 | 38.11 -0.04 0.00 | 32.20 0.05 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 31.81 -0.02 0.00 | 36.32 0.22 0.00 | 37.96 0.20 0.00 | 41.08 0.42 0.00 | 41.10 0.43 0.00 | 32.12 0.82 0.00 | 45.75 1.25 0.00 | 65.49 1.18 0.00 | 61.08 1.57 0.00 | 45.75 1.76 0.00 | 41.80 1.29 0.00 | 42.28 1.48 0.00 | 39.88 1.31 0.00 | 38.35 1.00 0.00 | 28.40 0.58 0.00 | 23.68 0.34 0.00 | 35.70 -0.08 0.00 | 42.30 -1.05 0.00 | 52.68 -1.38 0.00 | 56.17 -1.18 0.00 | 49.09 -0.91 0.00 | 40.69 -0.18 0.00 | 38.54 0.39 0.00 | 32.59 0.44 0.00 |
| EMPIRE_CC_1 323656 | 32.22 0.39 0.00 | 36.56 0.46 0.00 | 38.26 0.50 0.00 | 41.12 0.45 0.00 | 41.05 0.38 0.00 | 31.62 0.32 0.00 | 45.37 0.87 0.00 | 65.64 1.33 0.00 | 60.77 1.25 0.00 | 44.92 0.93 0.00 | 41.53 1.02 0.00 | 41.90 1.10 0.00 | 39.73 1.17 0.00 | 38.19 0.84 0.00 | 28.54 0.71 0.00 | 23.88 0.53 0.00 | 36.53 0.74 0.00 | 44.19 0.85 0.00 | 54.99 0.93 0.00 | 58.17 0.81 0.00 | 50.77 0.77 0.00 | 41.50 0.63 0.00 | 38.63 0.47 0.00 | 32.55 0.40 0.00 |
| EMPIRE_CC_2 323658 | 32.22 0.39 0.00 | 36.56 0.46 0.00 | 38.26 0.50 0.00 | 41.12 0.45 0.00 | 41.05 0.38 0.00 | 31.62 0.32 0.00 | 45.37 0.87 0.00 | 65.64 1.33 0.00 | 60.77 1.25 0.00 | 44.92 0.93 0.00 | 41.53 1.02 0.00 | 41.90 1.10 0.00 | 39.73 1.17 0.00 | 38.19 0.84 0.00 | 28.54 0.71 0.00 | 23.88 0.53 0.00 | 36.53 0.74 0.00 | 44.19 0.85 0.00 | 54.99 0.93 0.00 | 58.17 0.81 0.00 | 50.77 0.77 0.00 | 41.50 0.63 0.00 | 38.63 0.47 0.00 | 32.55 0.40 0.00 |
| ENORWICH_115KV_TB1 80156 | 33.55 1.72 0.00 | 37.97 1.88 0.00 | 39.78 2.01 0.00 | 42.96 2.30 0.00 | 42.88 2.21 0.00 | 33.38 2.08 0.00 | 47.98 3.48 0.00 | 69.30 4.98 0.00 | 64.01 4.50 0.00 | 46.98 2.98 0.00 | 42.44 1.93 0.00 | 42.76 1.96 0.00 | 39.81 1.25 0.00 | 38.19 0.85 0.00 | 28.08 0.26 0.00 | 23.45 0.11 0.00 | 36.31 0.52 0.00 | 44.83 1.48 0.00 | 57.03 2.97 0.00 | 60.53 3.18 0.00 | 52.45 2.44 0.00 | 42.90 2.02 0.00 | 40.08 1.93 0.00 | 33.59 1.44 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 31.92 0.09 0.00 | 36.42 0.33 0.00 | 38.05 0.29 0.00 | 41.18 0.52 0.00 | 41.20 0.53 0.00 | 32.20 0.90 0.00 | 45.93 1.43 0.00 | 65.88 1.57 0.00 | 61.45 1.94 0.00 | 45.97 1.97 0.00 | 41.96 1.45 0.00 | 42.51 1.71 0.00 | 40.06 1.50 0.00 | 38.51 1.16 0.00 | 28.52 0.69 0.00 | 23.75 0.40 0.00 | 35.87 0.08 0.00 | 42.59 -0.76 0.00 | 53.14 -0.91 0.00 | 56.71 -0.64 0.00 | 49.48 -0.52 0.00 | 40.96 0.09 0.00 | 38.74 0.58 0.00 | 32.73 0.57 0.00 |
| ERIE_WT_PWR 323693 | 31.90 0.06 0.00 | 36.43 0.33 0.00 | 38.06 0.30 0.00 | 41.22 0.55 0.00 | 41.19 0.52 0.00 | 32.24 0.94 0.00 | 45.95 1.45 0.00 | 65.81 1.49 0.00 | 61.36 1.85 0.00 | 45.91 1.92 0.00 | 41.43 1.41 0.49 | 42.41 1.61 0.00 | 39.99 1.42 0.00 | 38.43 1.09 0.00 | 28.48 0.65 0.00 | 23.75 0.40 0.00 | 35.84 0.05 0.00 | 42.52 -0.82 0.00 | 53.01 -1.05 0.00 | 56.53 -0.82 0.00 | 49.39 -0.61 0.00 | 40.92 0.04 0.00 | 38.72 0.57 0.00 | 32.70 0.55 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 32.45 0.62 0.00 | 36.76 0.66 0.00 | 38.44 0.68 0.00 | 41.44 0.78 0.00 | 41.47 0.80 0.00 | 32.03 0.73 0.00 | 45.71 1.22 0.00 | 66.11 1.80 0.00 | 61.01 1.50 0.00 | 45.00 1.00 0.00 | 41.29 0.78 0.00 | 41.44 0.64 0.00 | 38.98 0.42 0.00 | 37.68 0.34 0.00 | 28.05 0.22 0.00 | 23.48 0.13 0.00 | 36.15 0.36 0.00 | 44.05 0.71 0.00 | 55.06 1.00 0.00 | 58.54 1.18 0.00 | 50.90 0.90 0.00 | 41.61 0.74 0.00 | 38.86 0.71 0.00 | 32.67 0.52 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 32.30 0.47 0.00 | 36.68 0.59 0.00 | 38.32 0.56 0.00 | 41.35 0.70 0.00 | 41.33 0.66 0.00 | 31.99 0.69 0.00 | 45.87 1.37 0.00 | 66.33 2.02 0.00 | 61.34 1.83 0.00 | 45.20 1.21 0.00 | 41.41 0.89 0.00 | 41.74 0.94 0.00 | 39.21 0.64 0.00 | 37.60 0.25 0.00 | 27.86 0.04 0.00 | 23.30 -0.05 0.00 | 35.84 0.05 0.00 | 43.75 0.41 0.00 | 55.05 1.00 0.00 | 58.67 1.32 0.00 | 50.95 0.95 0.00 | 41.72 0.85 0.00 | 38.96 0.81 0.00 | 32.79 0.64 0.00 |
| ETNA____115KV_TB2 80207 | 32.30 0.47 0.00 | 36.68 0.59 0.00 | 38.32 0.56 0.00 | 41.35 0.70 0.00 | 41.33 0.66 0.00 | 31.99 0.69 0.00 | 45.87 1.37 0.00 | 66.33 2.02 0.00 | 61.34 1.83 0.00 | 45.20 1.21 0.00 | 41.41 0.89 0.00 | 41.74 0.94 0.00 | 39.21 0.64 0.00 | 37.60 0.25 0.00 | 27.86 0.04 0.00 | 23.30 -0.05 0.00 | 35.84 0.05 0.00 | 43.75 0.41 0.00 | 55.05 1.00 0.00 | 58.67 1.32 0.00 | 50.95 0.95 0.00 | 41.72 0.85 0.00 | 38.96 0.81 0.00 | 32.79 0.64 0.00 |
| EUCLID__115KV_TB2 356179 | 31.38 -0.46 0.00 | 35.59 -0.51 0.00 | 37.19 -0.57 0.00 | 40.07 -0.59 0.00 | 40.08 -0.59 0.00 | 30.96 -0.34 0.00 | 44.21 -0.29 0.00 | 63.93 -0.39 0.00 | 59.19 -0.32 0.00 | 43.75 -0.25 0.00 | 40.25 -0.27 0.00 | 40.55 -0.25 0.00 | 38.22 -0.34 0.00 | 36.82 -0.53 0.00 | 27.39 -0.43 0.00 | 22.99 -0.36 0.00 | 35.24 -0.55 0.00 | 42.68 -0.67 0.00 | 53.32 -0.73 0.00 | 56.64 -0.71 0.00 | 49.31 -0.70 0.00 | 40.37 -0.50 0.00 | 37.75 -0.41 0.00 | 31.78 -0.37 0.00 |
| E_CANADA_CAP_HY 24051 | 32.21 0.38 0.00 | 36.48 0.38 0.00 | 38.15 0.39 0.00 | 41.08 0.42 0.00 | 41.14 0.47 0.00 | 31.77 0.47 0.00 | 45.23 0.73 0.00 | 65.46 1.14 0.00 | 60.35 0.83 0.00 | 44.40 0.40 0.00 | 40.79 0.28 0.00 | 40.59 -0.21 0.00 | 38.16 -0.41 0.00 | 37.00 -0.35 0.00 | 27.56 -0.26 0.00 | 23.09 -0.26 0.00 | 35.50 -0.29 0.00 | 43.55 0.21 0.00 | 54.54 0.48 0.00 | 57.95 0.60 0.00 | 50.44 0.44 0.00 | 41.30 0.43 0.00 | 38.55 0.39 0.00 | 32.39 0.24 0.00 |
| E_CANADA_MHWK_HY 24050 | 33.61 1.78 0.00 | 38.16 2.07 0.00 | 39.84 2.08 0.00 | 42.90 2.24 0.00 | 42.85 2.18 0.00 | 33.12 1.82 0.00 | 47.85 3.35 0.00 | 69.39 5.08 0.00 | 63.40 3.89 0.00 | 46.71 2.72 0.00 | 42.68 2.17 0.00 | 42.48 1.68 0.00 | 39.86 1.30 0.00 | 38.31 0.96 0.00 | 28.49 0.67 0.00 | 23.87 0.53 0.00 | 36.75 0.96 0.00 | 45.57 2.22 0.00 | 57.46 3.40 0.00 | 61.05 3.70 0.00 | 53.15 3.15 0.00 | 43.52 2.65 0.00 | 40.42 2.27 0.00 | 33.96 1.80 0.00 |
| E_FISHKILL__LBMP 23776 | 32.88 1.05 0.00 | 37.26 1.16 0.00 | 38.86 1.10 0.00 | 41.73 1.07 0.00 | 41.63 0.96 0.00 | 32.15 0.85 0.00 | 46.08 1.58 0.00 | 66.75 2.44 0.00 | 61.79 2.28 0.00 | 45.58 1.59 0.00 | 42.30 1.79 0.00 | 42.81 2.01 0.00 | 40.67 2.11 0.00 | 39.11 1.77 0.00 | 29.24 1.42 0.00 | 24.45 1.10 0.00 | 37.36 1.57 0.00 | 45.03 1.68 0.00 | 55.96 1.90 0.00 | 59.28 1.93 0.00 | 51.56 1.56 0.00 | 42.14 1.27 0.00 | 39.31 1.16 0.00 | 33.17 1.01 0.00 |
| FALCON__SEABRD_CC1 323796 | 31.31 -0.52 0.00 | 35.73 -0.36 0.00 | 37.77 0.01 0.00 | 40.89 0.22 0.00 | 41.35 0.68 0.00 | 31.65 0.35 0.00 | 44.67 0.17 0.00 | 63.99 -0.33 0.00 | 59.23 -0.28 0.00 | 43.96 -0.04 0.00 | 40.58 0.07 0.00 | 40.68 -0.12 0.00 | 37.97 -0.59 0.00 | 37.06 -0.28 0.00 | 27.41 -0.41 0.00 | 23.02 -0.33 0.00 | 35.50 -0.29 0.00 | 42.87 -0.48 0.00 | 53.92 -0.13 0.00 | 56.84 -0.51 0.00 | 49.57 -0.43 0.00 | 40.76 -0.10 0.00 | 38.07 -0.08 0.00 | 32.20 0.05 0.00 |
| FALCON__SEABRD_CC2 323797 | 31.31 -0.52 0.00 | 35.73 -0.36 0.00 | 37.77 0.01 0.00 | 40.89 0.22 0.00 | 41.35 0.68 0.00 | 31.65 0.35 0.00 | 44.67 0.17 0.00 | 63.99 -0.33 0.00 | 59.23 -0.28 0.00 | 43.96 -0.04 0.00 | 40.58 0.07 0.00 | 40.68 -0.12 0.00 | 37.97 -0.59 0.00 | 37.06 -0.28 0.00 | 27.41 -0.41 0.00 | 23.02 -0.33 0.00 | 35.50 -0.29 0.00 | 42.87 -0.48 0.00 | 53.92 -0.13 0.00 | 56.84 -0.51 0.00 | 49.57 -0.43 0.00 | 40.76 -0.10 0.00 | 38.07 -0.08 0.00 | 32.20 0.05 0.00 |

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| FAR ROCKAWAY___4 23548 | 34.88 2.00 -1.04 | 44.20 2.25 -5.85 | 39.99 2.22 0.00 | 42.92 2.26 0.00 | 42.64 1.97 0.00 | 32.86 1.56 0.00 | 46.93 2.43 0.00 | 67.80 3.49 0.00 | 63.01 3.49 0.00 | 46.56 2.56 0.00 | 45.09 2.92 -1.66 | 45.73 3.22 -1.71 | 54.67 3.23 -12.89 | 49.28 2.73 -9.20 | 37.01 2.27 -6.91 | 45.38 1.78 -20.25 | 38.34 2.55 0.00 | 46.11 2.76 0.00 | 56.84 2.78 0.00 | 60.37 3.02 0.00 | 52.63 2.63 0.00 | 43.06 2.19 0.00 | 40.20 2.05 0.00 | 34.03 1.88 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 33.42 1.58 0.00 | 37.85 1.75 0.00 | 39.40 1.64 0.00 | 42.26 1.60 0.00 | 42.16 1.49 0.00 | 32.67 1.37 0.00 | 46.78 2.28 0.00 | 67.82 3.51 0.00 | 62.82 3.30 0.00 | 46.37 2.37 0.00 | 43.10 2.59 0.00 | 43.69 2.89 0.00 | 41.57 3.01 0.00 | 40.05 2.67 -0.05 | 48.35 2.10 -18.43 | 38.31 1.64 -13.32 | 38.22 2.39 -0.04 | 45.92 2.57 0.00 | 56.94 2.88 0.00 | 60.24 2.89 0.00 | 52.30 2.30 0.00 | 42.70 1.83 0.00 | 39.85 1.70 0.00 | 33.69 1.54 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 33.43 1.60 0.00 | 37.87 1.77 0.00 | 39.42 1.66 0.00 | 42.27 1.61 0.00 | 42.16 1.49 0.00 | 32.68 1.39 0.00 | 46.80 2.30 0.00 | 67.83 3.52 0.00 | 62.83 3.32 0.00 | 46.38 2.38 0.00 | 43.11 2.59 0.00 | 43.69 2.89 0.00 | 41.58 3.02 0.00 | 40.05 2.67 -0.05 | 48.36 2.10 -18.43 | 38.32 1.65 -13.32 | 38.23 2.40 -0.04 | 45.92 2.58 0.00 | 56.95 2.90 0.00 | 60.29 2.94 0.00 | 52.33 2.33 0.00 | 42.71 1.84 0.00 | 39.86 1.71 0.00 | 33.71 1.55 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 33.40 1.57 0.00 | 37.83 1.73 0.00 | 39.39 1.62 0.00 | 42.23 1.57 0.00 | 42.13 1.46 0.00 | 32.66 1.36 0.00 | 46.76 2.26 0.00 | 67.77 3.46 0.00 | 62.77 3.26 0.00 | 46.35 2.35 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.54 2.98 0.00 | 40.03 2.64 -0.05 | 48.34 2.09 -18.43 | 38.30 1.63 -13.32 | 38.20 2.37 -0.04 | 45.88 2.53 0.00 | 56.90 2.84 0.00 | 60.23 2.88 0.00 | 52.28 2.27 0.00 | 42.67 1.80 0.00 | 39.82 1.67 0.00 | 33.68 1.52 0.00 |
| FARRAGUT___LBMP 323566 | 33.38 1.54 0.00 | 37.81 1.71 0.00 | 39.36 1.60 0.00 | 42.21 1.55 0.00 | 42.11 1.44 0.00 | 32.63 1.34 0.00 | 46.72 2.23 0.00 | 67.72 3.41 0.00 | 62.72 3.20 0.00 | 46.30 2.31 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.51 2.94 0.00 | 39.99 2.60 -0.05 | 48.31 2.06 -18.43 | 38.28 1.61 -13.32 | 38.17 2.34 -0.04 | 45.85 2.50 0.00 | 56.86 2.80 0.00 | 60.18 2.82 0.00 | 52.23 2.23 0.00 | 42.64 1.77 0.00 | 39.79 1.64 0.00 | 33.66 1.50 0.00 |
| FENNER___WINDPWR 24204 | 32.37 0.54 0.00 | 36.69 0.60 0.00 | 38.34 0.58 0.00 | 41.40 0.74 0.00 | 41.43 0.75 0.00 | 32.04 0.74 0.00 | 45.85 1.35 0.00 | 66.33 2.02 0.00 | 61.26 1.75 0.00 | 45.27 1.27 0.00 | 41.49 0.98 0.00 | 41.71 0.91 0.00 | 39.13 0.57 0.00 | 37.55 0.20 0.00 | 27.95 0.12 0.00 | 23.44 0.09 0.00 | 36.09 0.30 0.00 | 44.07 0.72 0.00 | 55.26 1.20 0.00 | 58.68 1.33 0.00 | 51.03 1.03 0.00 | 41.76 0.89 0.00 | 38.98 0.83 0.00 | 32.77 0.61 0.00 |
| FIBERTEK___ENERGY 23856 | 31.65 -0.18 0.00 | 35.91 -0.19 0.00 | 37.52 -0.25 0.00 | 40.45 -0.21 0.00 | 40.44 -0.22 0.00 | 31.25 -0.05 0.00 | 44.68 0.18 0.00 | 64.61 0.30 0.00 | 59.78 0.26 0.00 | 44.15 0.16 0.00 | 40.60 0.09 0.00 | 40.89 0.09 0.00 | 38.52 -0.04 0.00 | 37.06 -0.28 0.00 | 27.54 -0.28 0.00 | 23.12 -0.23 0.00 | 35.51 -0.28 0.00 | 43.09 -0.25 0.00 | 53.90 -0.16 0.00 | 57.31 -0.04 0.00 | 49.83 -0.17 0.00 | 40.81 -0.06 0.00 | 38.12 -0.03 0.00 | 32.09 -0.06 0.00 |
| FITZPATRICK___ 23598 | 30.92 -0.91 0.00 | 35.08 -1.02 0.00 | 36.66 -1.10 0.00 | 39.50 -1.16 0.00 | 39.50 -1.16 0.00 | 30.49 -0.81 0.00 | 43.50 -1.00 0.00 | 62.87 -1.44 0.00 | 58.21 -1.30 0.00 | 43.02 -0.97 0.00 | 39.58 -0.93 0.00 | 39.88 -0.92 0.00 | 37.62 -0.94 0.00 | 36.29 -1.05 0.00 | 27.01 -0.81 0.00 | 22.67 -0.68 0.00 | 34.73 -1.06 0.00 | 42.06 -1.28 0.00 | 52.53 -1.53 0.00 | 55.80 -1.56 0.00 | 48.59 -1.41 0.00 | 39.79 -1.09 0.00 | 37.17 -0.98 0.00 | 31.32 -0.84 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 33.30 1.47 0.00 | 37.73 1.63 0.00 | 39.34 1.58 0.00 | 42.26 1.60 0.00 | 42.18 1.51 0.00 | 32.62 1.32 0.00 | 46.83 2.33 0.00 | 67.89 3.58 0.00 | 62.81 3.30 0.00 | 46.31 2.32 0.00 | 42.94 2.43 0.00 | 43.45 2.65 0.00 | 41.25 2.69 0.00 | 39.62 2.28 0.00 | 29.61 1.78 0.00 | 24.73 1.38 0.00 | 37.88 2.09 0.00 | 45.76 2.41 0.00 | 56.96 2.91 0.00 | 60.39 3.04 0.00 | 52.46 2.46 0.00 | 42.82 1.95 0.00 | 39.91 1.75 0.00 | 33.63 1.47 0.00 |
| FORT ORANGE___ 23900 | 31.98 0.15 0.00 | 36.35 0.26 0.00 | 38.07 0.31 0.00 | 40.87 0.21 0.00 | 40.84 0.17 0.00 | 31.33 0.03 0.00 | 44.92 0.43 0.00 | 65.08 0.77 0.00 | 60.27 0.76 0.00 | 44.55 0.55 0.00 | 41.18 0.67 0.00 | 41.49 0.69 0.00 | 39.34 0.78 0.00 | 37.80 0.45 0.00 | 28.25 0.43 0.00 | 23.62 0.27 0.00 | 36.16 0.37 0.00 | 43.75 0.41 0.00 | 54.50 0.44 0.00 | 57.70 0.35 0.00 | 50.33 0.33 0.00 | 41.13 0.25 0.00 | 38.30 0.14 0.00 | 32.33 0.17 0.00 |
| FORT_DRUM_COGEN 23780 | 32.93 1.10 0.00 | 36.93 0.84 0.00 | 38.17 0.41 0.00 | 41.49 0.83 0.00 | 41.70 1.03 0.00 | 32.38 1.08 0.00 | 46.25 1.75 0.00 | 66.95 2.64 0.00 | 61.80 2.29 0.00 | 45.04 1.04 0.00 | 41.07 0.56 0.00 | 40.29 -0.52 0.00 | 37.50 -1.06 0.00 | 35.88 -1.46 0.00 | 26.73 -1.10 0.00 | 22.56 -0.79 0.00 | 35.26 -0.53 0.00 | 44.43 1.08 0.00 | 56.44 2.38 0.00 | 59.99 2.63 0.00 | 51.66 1.66 0.00 | 42.08 1.21 0.00 | 39.45 1.30 0.00 | 32.84 0.69 0.00 |
| FOX_HILLS___ESR 323835 | 33.42 1.59 0.00 | 37.84 1.74 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.21 1.54 0.00 | 32.81 1.51 0.00 | 46.76 2.27 0.00 | 67.78 3.46 0.00 | 62.73 3.21 0.00 | 46.37 2.37 0.00 | 43.04 2.53 0.00 | 43.62 2.82 0.00 | 41.58 3.02 0.00 | 39.96 2.56 -0.05 | 52.14 1.87 -22.45 | 40.96 1.39 -16.23 | 38.14 2.31 -0.05 | 45.75 2.40 0.00 | 56.74 2.68 0.00 | 60.09 2.74 0.00 | 52.18 2.17 0.00 | 42.60 1.73 0.00 | 39.88 1.73 0.00 | 33.83 1.68 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 34.88 2.00 -1.04 | 44.20 2.25 -5.85 | 39.99 2.22 0.00 | 42.91 2.25 0.00 | 42.64 1.98 0.00 | 32.86 1.56 0.00 | 46.92 2.42 0.00 | 67.80 3.48 0.00 | 63.01 3.49 0.00 | 46.58 2.58 0.00 | 45.09 2.92 -1.66 | 45.73 3.22 -1.71 | 54.68 3.23 -12.89 | 49.28 2.74 -9.20 | 37.00 2.26 -6.91 | 45.38 1.77 -20.25 | 38.34 2.54 0.00 | 46.11 2.76 0.00 | 56.85 2.79 0.00 | 60.37 3.02 0.00 | 52.63 2.62 0.00 | 43.06 2.18 0.00 | 40.20 2.05 0.00 | 34.04 1.88 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 34.88 2.00 -1.04 | 44.20 2.25 -5.85 | 39.99 2.22 0.00 | 42.91 2.25 0.00 | 42.64 1.98 0.00 | 32.86 1.56 0.00 | 46.92 2.42 0.00 | 67.80 3.48 0.00 | 63.01 3.49 0.00 | 46.58 2.58 0.00 | 45.09 2.92 -1.66 | 45.73 3.22 -1.71 | 54.68 3.23 -12.89 | 49.28 2.74 -9.20 | 37.00 2.26 -6.91 | 45.38 1.77 -20.25 | 38.34 2.54 0.00 | 46.11 2.76 0.00 | 56.85 2.79 0.00 | 60.37 3.02 0.00 | 52.63 2.62 0.00 | 43.06 2.18 0.00 | 40.20 2.05 0.00 | 34.04 1.88 0.00 |
| FRANKLIN_FALL_HYD 24054 | 31.92 0.09 0.00 | 36.31 0.21 0.00 | 38.25 0.49 0.00 | 41.31 0.64 0.00 | 41.57 0.90 0.00 | 31.94 0.64 0.00 | 45.01 0.51 0.00 | 64.91 0.60 0.00 | 60.03 0.51 0.00 | 44.56 0.56 0.00 | 40.90 0.39 0.00 | 40.81 0.01 0.00 | 38.27 -0.29 0.00 | 37.48 0.13 0.00 | 27.74 -0.08 0.00 | 23.27 -0.07 0.00 | 35.85 0.06 0.00 | 43.52 0.18 0.00 | 54.83 0.78 0.00 | 58.07 0.72 0.00 | 50.74 0.73 0.00 | 41.56 0.69 0.00 | 38.77 0.62 0.00 | 32.73 0.57 0.00 |

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| FREEPORT_EQUS_GT1 23764 | 34.38 1.67 -0.87 | 42.95 1.99 -4.86 | 39.69 1.92 0.00 | 42.58 1.93 0.00 | 42.29 1.63 0.00 | 32.53 1.23 0.00 | 46.41 1.91 0.00 | 66.58 2.46 0.19 | 62.01 2.70 0.20 | 46.11 2.11 0.00 | 44.45 2.57 -1.38 | 45.10 2.88 -1.42 | 52.19 2.91 -10.71 | 47.40 2.42 -7.64 | 35.36 2.00 -5.53 | 41.58 1.56 -16.67 | 37.95 2.16 0.00 | 45.66 2.31 0.00 | 56.09 2.04 0.00 | 59.56 2.21 0.00 | 52.11 2.10 0.00 | 42.64 1.77 0.00 | 39.84 1.69 0.00 | 33.77 1.62 0.00 |
| FREEPORT___CT2 23818 | 34.38 1.67 -0.87 | 42.95 1.99 -4.86 | 39.69 1.92 0.00 | 42.58 1.93 0.00 | 42.29 1.63 0.00 | 32.53 1.23 0.00 | 46.41 1.91 0.00 | 66.58 2.46 0.19 | 62.01 2.70 0.20 | 46.11 2.11 0.00 | 44.45 2.57 -1.38 | 45.10 2.88 -1.42 | 52.19 2.91 -10.71 | 47.40 2.42 -7.64 | 35.36 2.00 -5.53 | 41.58 1.56 -16.67 | 37.95 2.16 0.00 | 45.66 2.31 0.00 | 56.09 2.04 0.00 | 59.56 2.21 0.00 | 52.11 2.10 0.00 | 42.64 1.77 0.00 | 39.84 1.69 0.00 | 33.77 1.62 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 33.48 1.65 0.00 | 37.91 1.81 0.00 | 39.38 1.62 0.00 | 42.24 1.58 0.00 | 42.31 1.65 0.00 | 32.94 1.64 0.00 | 46.88 2.38 0.00 | 67.91 3.60 0.00 | 62.85 3.33 0.00 | 46.46 2.47 0.00 | 43.08 2.57 0.00 | 43.67 2.87 0.00 | 41.65 3.09 0.00 | 39.94 2.54 -0.05 | 52.11 1.84 -22.45 | 40.91 1.33 -16.23 | 38.12 2.29 -0.05 | 45.73 2.39 0.00 | 56.72 2.66 0.00 | 60.09 2.74 0.00 | 52.18 2.17 0.00 | 42.61 1.74 0.00 | 39.92 1.77 0.00 | 33.92 1.76 0.00 |
| FULTON COGEN____ 23766 | 31.20 -0.64 0.00 | 35.37 -0.72 0.00 | 36.97 -0.79 0.00 | 39.84 -0.83 0.00 | 39.85 -0.82 0.00 | 30.79 -0.51 0.00 | 43.96 -0.54 0.00 | 63.59 -0.73 0.00 | 58.88 -0.63 0.00 | 43.49 -0.50 0.00 | 40.01 -0.50 0.00 | 40.30 -0.51 0.00 | 37.92 -0.64 0.00 | 36.54 -0.81 0.00 | 27.18 -0.65 0.00 | 22.84 -0.51 0.00 | 35.05 -0.74 0.00 | 42.48 -0.87 0.00 | 53.10 -0.96 0.00 | 56.42 -0.94 0.00 | 49.12 -0.89 0.00 | 40.23 -0.64 0.00 | 37.60 -0.55 0.00 | 31.66 -0.50 0.00 |
| FULTON___LFGE 323630 | 32.71 0.88 0.00 | 37.06 0.97 0.00 | 38.75 0.99 0.00 | 41.71 1.05 0.00 | 41.74 1.08 0.00 | 32.25 0.95 0.00 | 46.12 1.62 0.00 | 66.90 2.58 0.00 | 61.53 2.02 0.00 | 45.08 1.09 0.00 | 41.23 0.72 0.00 | 40.79 -0.01 0.00 | 38.35 -0.21 0.00 | 37.54 0.20 0.00 | 27.96 0.13 0.00 | 23.40 0.05 0.00 | 36.04 0.25 0.00 | 44.47 1.13 0.00 | 55.84 1.79 0.00 | 59.33 1.98 0.00 | 51.65 1.64 0.00 | 42.19 1.32 0.00 | 39.30 1.15 0.00 | 32.98 0.82 0.00 |
| G.F.CEMENT___DRP 24184 | 32.96 1.13 0.00 | 37.34 1.24 0.00 | 39.05 1.29 0.00 | 42.02 1.36 0.00 | 42.00 1.33 0.00 | 32.37 1.07 0.00 | 46.72 2.22 0.00 | 67.82 3.50 0.00 | 62.67 3.15 0.00 | 46.21 2.21 0.00 | 42.50 2.00 0.00 | 42.79 1.99 0.00 | 40.28 1.72 0.00 | 38.50 1.15 0.00 | 28.69 0.86 0.00 | 24.19 0.85 0.00 | 37.24 1.45 0.00 | 45.59 2.25 0.00 | 56.99 2.94 0.00 | 60.35 2.99 0.00 | 52.50 2.50 0.00 | 42.82 1.95 0.00 | 39.74 1.59 0.00 | 33.25 1.10 0.00 |
| GARDENVILLE___LBMP 24039 | 31.79 -0.04 0.00 | 36.34 0.24 0.00 | 37.98 0.21 0.00 | 41.15 0.49 0.00 | 41.14 0.47 0.00 | 32.15 0.85 0.00 | 45.83 1.33 0.00 | 65.65 1.33 0.00 | 61.19 1.68 0.00 | 45.78 1.79 0.00 | 41.77 1.25 0.00 | 42.28 1.48 0.00 | 39.86 1.29 0.00 | 38.29 0.94 0.00 | 28.33 0.50 0.00 | 23.61 0.26 0.00 | 35.67 -0.12 0.00 | 42.34 -1.00 0.00 | 52.81 -1.24 0.00 | 56.33 -1.02 0.00 | 49.21 -0.79 0.00 | 40.76 -0.11 0.00 | 38.58 0.43 0.00 | 32.60 0.44 0.00 |
| GARDNVLA_35_KV_LD 355827 | 31.96 0.13 0.00 | 36.50 0.41 0.00 | 38.13 0.37 0.00 | 41.28 0.62 0.00 | 41.28 0.61 0.00 | 32.28 0.98 0.00 | 46.04 1.54 0.00 | 66.01 1.70 0.00 | 61.56 2.05 0.00 | 46.07 2.08 0.00 | 42.04 1.53 0.00 | 42.54 1.74 0.00 | 40.11 1.55 0.00 | 38.54 1.20 0.00 | 28.53 0.71 0.00 | 23.80 0.45 0.00 | 35.96 0.17 0.00 | 42.69 -0.66 0.00 | 53.22 -0.84 0.00 | 56.77 -0.58 0.00 | 49.59 -0.41 0.00 | 41.06 0.18 0.00 | 38.83 0.67 0.00 | 32.80 0.64 0.00 |
| GELCKHM___115KV_LOAD 80723 | 31.47 -0.36 0.00 | 35.71 -0.39 0.00 | 37.31 -0.45 0.00 | 40.22 -0.44 0.00 | 40.23 -0.44 0.00 | 31.07 -0.23 0.00 | 44.40 -0.10 0.00 | 64.18 -0.13 0.00 | 59.43 -0.09 0.00 | 43.91 -0.08 0.00 | 40.39 -0.12 0.00 | 40.69 -0.11 0.00 | 38.34 -0.22 0.00 | 36.91 -0.43 0.00 | 27.45 -0.37 0.00 | 23.05 -0.30 0.00 | 35.35 -0.43 0.00 | 42.85 -0.49 0.00 | 53.56 -0.50 0.00 | 56.92 -0.43 0.00 | 49.51 -0.49 0.00 | 40.54 -0.33 0.00 | 37.90 -0.26 0.00 | 31.91 -0.25 0.00 |
| GENERAL___MILLS 23808 | 31.87 0.04 0.00 | 36.41 0.32 0.00 | 38.05 0.28 0.00 | 41.20 0.54 0.00 | 41.20 0.53 0.00 | 32.20 0.90 0.00 | 45.90 1.41 0.00 | 65.78 1.47 0.00 | 61.33 1.82 0.00 | 45.91 1.92 0.00 | 41.90 1.39 0.00 | 42.39 1.59 0.00 | 39.97 1.41 0.00 | 38.42 1.08 0.00 | 28.45 0.62 0.00 | 23.72 0.37 0.00 | 35.81 0.02 0.00 | 42.50 -0.85 0.00 | 52.97 -1.09 0.00 | 56.51 -0.84 0.00 | 49.36 -0.64 0.00 | 40.88 0.01 0.00 | 38.69 0.54 0.00 | 32.70 0.54 0.00 |
| GE_PLASTICS___DRP 24183 | 31.87 0.04 0.00 | 36.34 0.24 0.00 | 38.09 0.33 0.00 | 40.93 0.27 0.00 | 40.89 0.22 0.00 | 31.50 0.20 0.00 | 45.12 0.62 0.00 | 65.31 1.00 0.00 | 60.47 0.96 0.00 | 44.69 0.69 0.00 | 41.29 0.78 0.00 | 41.64 0.84 0.00 | 39.47 0.91 0.00 | 37.96 0.61 0.00 | 28.35 0.53 0.00 | 23.72 0.37 0.00 | 36.31 0.52 0.00 | 43.93 0.58 0.00 | 54.68 0.62 0.00 | 57.91 0.55 0.00 | 50.52 0.51 0.00 | 41.29 0.42 0.00 | 38.47 0.32 0.00 | 32.46 0.31 0.00 |
| GILBOA___1 23756 | 32.43 0.59 0.00 | 36.81 0.72 0.00 | 38.60 0.83 0.00 | 41.51 0.85 0.00 | 41.44 0.77 0.00 | 31.75 0.44 0.00 | 45.46 0.95 0.00 | 65.78 1.46 0.00 | 60.86 1.35 0.00 | 44.94 0.95 0.00 | 41.52 1.01 0.00 | 41.92 1.12 0.00 | 39.70 1.14 0.00 | 38.21 0.86 0.00 | 28.51 0.69 0.00 | 23.86 0.51 0.00 | 36.54 0.75 0.00 | 44.16 0.81 0.00 | 54.75 0.69 0.00 | 58.07 0.71 0.00 | 50.77 0.77 0.00 | 41.54 0.67 0.00 | 38.75 0.60 0.00 | 32.66 0.50 0.00 |
| GILBOA___2 23757 | 32.43 0.59 0.00 | 36.81 0.72 0.00 | 38.60 0.83 0.00 | 41.51 0.85 0.00 | 41.44 0.77 0.00 | 31.75 0.44 0.00 | 45.46 0.95 0.00 | 65.78 1.46 0.00 | 60.86 1.35 0.00 | 44.94 0.95 0.00 | 41.52 1.01 0.00 | 41.92 1.12 0.00 | 39.70 1.14 0.00 | 38.21 0.86 0.00 | 28.51 0.69 0.00 | 23.86 0.51 0.00 | 36.54 0.75 0.00 | 44.16 0.81 0.00 | 54.75 0.69 0.00 | 58.07 0.71 0.00 | 50.77 0.77 0.00 | 41.54 0.67 0.00 | 38.75 0.60 0.00 | 32.66 0.50 0.00 |
| GILBOA___3 23758 | 32.43 0.59 0.00 | 36.81 0.72 0.00 | 38.60 0.83 0.00 | 41.51 0.85 0.00 | 41.44 0.77 0.00 | 31.75 0.44 0.00 | 45.46 0.95 0.00 | 65.78 1.46 0.00 | 60.86 1.35 0.00 | 44.94 0.95 0.00 | 41.52 1.01 0.00 | 41.92 1.12 0.00 | 39.70 1.14 0.00 | 38.21 0.86 0.00 | 28.51 0.69 0.00 | 23.86 0.51 0.00 | 36.54 0.75 0.00 | 44.16 0.81 0.00 | 54.75 0.69 0.00 | 58.07 0.71 0.00 | 50.77 0.77 0.00 | 41.54 0.67 0.00 | 38.75 0.60 0.00 | 32.66 0.50 0.00 |
| GILBOA___4 23759 | 32.43 0.59 0.00 | 36.81 0.72 0.00 | 38.60 0.83 0.00 | 41.51 0.85 0.00 | 41.44 0.77 0.00 | 31.75 0.44 0.00 | 45.46 0.95 0.00 | 65.78 1.46 0.00 | 60.86 1.35 0.00 | 44.94 0.95 0.00 | 41.52 1.01 0.00 | 41.92 1.12 0.00 | 39.70 1.14 0.00 | 38.21 0.86 0.00 | 28.51 0.69 0.00 | 23.86 0.51 0.00 | 36.54 0.75 0.00 | 44.16 0.81 0.00 | 54.75 0.69 0.00 | 58.07 0.71 0.00 | 50.77 0.77 0.00 | 41.54 0.67 0.00 | 38.75 0.60 0.00 | 32.66 0.50 0.00 |

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| GILBOA____ 23599 | 32.43 0.60 0.00 | 36.81 0.72 0.00 | 38.60 0.83 0.00 | 41.51 0.85 0.00 | 41.44 0.77 0.00 | 31.75 0.44 0.00 | 45.46 0.96 0.00 | 65.78 1.46 0.00 | 60.86 1.35 0.00 | 44.94 0.95 0.00 | 41.52 1.01 0.00 | 41.92 1.12 0.00 | 39.70 1.14 0.00 | 38.21 0.86 0.00 | 28.52 0.69 0.00 | 23.86 0.52 0.00 | 36.54 0.75 0.00 | 44.16 0.81 0.00 | 54.75 0.69 0.00 | 58.07 0.71 0.00 | 50.77 0.77 0.00 | 41.54 0.67 0.00 | 38.75 0.60 0.00 | 32.66 0.51 0.00 |
| GINNA____ 23603 | 30.50 -1.33 0.00 | 34.65 -1.45 0.00 | 36.21 -1.56 0.00 | 39.05 -1.61 0.00 | 39.10 -1.57 0.00 | 30.38 -0.92 0.00 | 43.43 -1.07 0.00 | 62.69 -1.63 0.00 | 58.19 -1.32 0.00 | 43.22 -0.77 0.00 | 39.45 -0.93 0.12 | 39.88 -0.92 0.00 | 37.45 -1.11 0.00 | 36.13 -1.22 0.00 | 26.88 -0.95 0.00 | 22.60 -0.75 0.00 | 34.38 -1.41 0.00 | 41.46 -1.89 0.00 | 51.75 -2.31 0.00 | 54.99 -2.37 0.00 | 47.91 -2.10 0.00 | 39.33 -1.54 0.00 | 36.87 -1.29 0.00 | 31.07 -1.09 0.00 |
| GLEN PARK____ 23778 | 33.06 1.23 0.00 | 37.08 0.98 0.00 | 38.32 0.56 0.00 | 41.65 0.99 0.00 | 41.87 1.20 0.00 | 32.54 1.24 0.00 | 46.51 2.01 0.00 | 67.34 3.03 0.00 | 62.16 2.65 0.00 | 45.14 1.15 0.00 | 41.15 0.65 0.00 | 40.27 -0.53 0.00 | 37.48 -1.08 0.00 | 35.87 -1.48 0.00 | 26.71 -1.12 0.00 | 22.55 -0.80 0.00 | 35.21 -0.58 0.00 | 44.61 1.27 0.00 | 56.74 2.68 0.00 | 60.31 2.96 0.00 | 51.92 1.92 0.00 | 42.30 1.43 0.00 | 39.66 1.51 0.00 | 33.00 0.85 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 33.53 1.70 0.00 | 37.99 1.89 0.00 | 39.53 1.77 0.00 | 42.36 1.70 0.00 | 42.26 1.59 0.00 | 32.80 1.50 0.00 | 46.85 2.35 0.00 | 67.90 3.59 0.00 | 62.86 3.34 0.00 | 46.44 2.45 0.00 | 43.18 2.67 0.00 | 43.76 2.96 0.00 | 41.70 3.13 0.00 | 40.17 2.77 -0.05 | 52.38 2.11 -22.45 | 41.21 1.64 -16.23 | 38.32 2.48 -0.05 | 45.97 2.63 0.00 | 56.96 2.90 0.00 | 60.30 2.95 0.00 | 52.33 2.33 0.00 | 42.72 1.85 0.00 | 39.90 1.75 0.00 | 33.80 1.65 0.00 |
| GLENWOOD_IC_1_G5 23712 | 34.60 1.67 -1.11 | 44.15 1.88 -6.17 | 39.57 1.81 0.00 | 42.47 1.81 0.00 | 42.25 1.58 0.00 | 32.61 1.31 0.00 | 46.64 2.14 0.00 | 67.48 3.17 0.00 | 62.67 3.16 0.00 | 46.26 2.27 0.00 | 44.87 2.61 -1.75 | 45.51 2.91 -1.81 | 55.12 2.97 -13.58 | 49.55 2.51 -9.70 | 37.23 2.04 -7.36 | 46.35 1.60 -21.40 | 38.05 2.26 0.00 | 45.80 2.45 0.00 | 56.67 2.61 0.00 | 60.06 2.71 0.00 | 52.25 2.25 0.00 | 42.71 1.84 0.00 | 39.87 1.72 0.00 | 33.75 1.59 0.00 |
| GLENWOOD_IC_2_G1 23688 | 33.39 1.52 -0.05 | 38.05 1.69 -0.26 | 39.37 1.61 0.00 | 42.26 1.60 0.00 | 42.10 1.43 0.00 | 32.51 1.21 0.00 | 46.53 2.03 0.00 | 67.33 3.02 0.00 | 62.46 2.94 0.00 | 46.11 2.11 0.00 | 42.98 2.40 -0.07 | 43.56 2.68 -0.07 | 41.90 2.76 -0.57 | 40.10 2.35 -0.41 | 28.80 1.89 0.93 | 24.83 1.47 -0.01 | 37.87 2.09 0.00 | 45.61 2.27 0.00 | 56.52 2.46 0.00 | 59.89 2.54 0.00 | 52.07 2.07 0.00 | 42.56 1.69 0.00 | 39.74 1.59 0.00 | 33.60 1.45 0.00 |
| GLENWOOD_IC_3_G1 23689 | 33.39 1.52 -0.05 | 38.05 1.69 -0.26 | 39.37 1.61 0.00 | 42.26 1.60 0.00 | 42.10 1.43 0.00 | 32.51 1.21 0.00 | 46.53 2.03 0.00 | 67.33 3.02 0.00 | 62.46 2.94 0.00 | 46.11 2.11 0.00 | 42.98 2.40 -0.07 | 43.56 2.68 -0.07 | 41.90 2.76 -0.57 | 40.10 2.35 -0.41 | 28.80 1.89 0.93 | 24.83 1.47 -0.01 | 37.87 2.09 0.00 | 45.61 2.27 0.00 | 56.52 2.46 0.00 | 59.89 2.54 0.00 | 52.07 2.07 0.00 | 42.56 1.69 0.00 | 39.74 1.59 0.00 | 33.60 1.45 0.00 |
| GLENWOOD____4 23550 | 34.60 1.67 -1.11 | 44.15 1.88 -6.17 | 39.57 1.81 0.00 | 42.47 1.81 0.00 | 42.25 1.58 0.00 | 32.61 1.31 0.00 | 46.64 2.14 0.00 | 67.48 3.17 0.00 | 62.67 3.16 0.00 | 46.26 2.27 0.00 | 44.87 2.61 -1.75 | 45.51 2.91 -1.81 | 55.12 2.97 -13.58 | 49.55 2.51 -9.70 | 37.23 2.04 -7.36 | 46.35 1.60 -21.40 | 38.05 2.26 0.00 | 45.80 2.45 0.00 | 56.67 2.61 0.00 | 60.06 2.71 0.00 | 52.25 2.25 0.00 | 42.71 1.84 0.00 | 39.87 1.72 0.00 | 33.75 1.59 0.00 |
| GLENWOOD____5 23614 | 34.60 1.67 -1.11 | 44.15 1.88 -6.17 | 39.57 1.81 0.00 | 42.47 1.81 0.00 | 42.25 1.58 0.00 | 32.61 1.31 0.00 | 46.64 2.14 0.00 | 67.48 3.17 0.00 | 62.67 3.16 0.00 | 46.26 2.27 0.00 | 44.87 2.61 -1.75 | 45.51 2.91 -1.81 | 55.12 2.97 -13.58 | 49.55 2.51 -9.70 | 37.23 2.04 -7.36 | 46.35 1.60 -21.40 | 38.05 2.26 0.00 | 45.80 2.45 0.00 | 56.67 2.61 0.00 | 60.06 2.71 0.00 | 52.25 2.25 0.00 | 42.71 1.84 0.00 | 39.87 1.72 0.00 | 33.75 1.59 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 33.70 1.24 -0.63 | 41.21 1.59 -3.52 | 39.60 1.84 0.00 | 42.79 2.13 0.00 | 42.81 2.14 0.00 | 32.94 1.64 0.00 | 46.89 2.39 0.00 | 66.20 2.90 1.01 | 59.10 2.89 3.31 | 46.16 2.18 0.02 | 44.16 2.66 -1.00 | 44.53 2.70 -1.03 | 49.49 3.19 -7.75 | 45.23 2.36 -5.53 | 33.45 1.98 -3.64 | 37.12 1.96 -11.80 | 38.06 2.37 0.10 | 43.00 1.73 2.07 | 52.10 0.55 2.51 | 54.89 0.28 2.75 | 48.00 0.20 2.21 | 39.95 0.49 1.42 | 38.68 0.52 0.00 | 32.77 0.61 0.00 |
| GLOBE____DSASP 323697 | 31.46 -0.38 0.00 | 35.91 -0.18 0.00 | 37.55 -0.21 0.00 | 40.61 -0.05 0.00 | 40.66 -0.01 0.00 | 31.74 0.44 0.00 | 45.04 0.54 0.00 | 64.33 0.02 0.00 | 60.14 0.63 0.00 | 45.15 1.16 0.00 | 41.25 0.74 0.00 | 41.67 0.86 0.00 | 39.33 0.77 0.00 | 37.89 0.55 0.00 | 28.08 0.25 0.00 | 23.44 0.09 0.00 | 35.20 -0.59 0.00 | 41.27 -2.08 0.00 | 51.20 -2.86 0.00 | 54.55 -2.80 0.00 | 47.83 -2.17 0.00 | 39.93 -0.94 0.00 | 38.02 -0.13 0.00 | 32.25 0.09 0.00 |
| GOETHSLN____LBMP 323567 | 33.26 1.42 0.00 | 37.66 1.56 0.00 | 39.17 1.41 0.00 | 41.98 1.32 0.00 | 41.88 1.21 0.00 | 32.48 1.18 0.00 | 46.49 1.99 0.00 | 67.37 3.06 0.00 | 62.36 2.85 0.00 | 46.04 2.05 0.00 | 42.80 2.29 0.00 | 43.40 2.60 0.00 | 41.33 2.76 0.00 | 39.84 2.45 -0.05 | 48.22 1.97 -18.43 | 38.20 1.53 -13.32 | 38.01 2.18 -0.04 | 45.66 2.31 0.00 | 56.60 2.54 0.00 | 59.89 2.54 0.00 | 51.98 1.98 0.00 | 42.44 1.57 0.00 | 39.62 1.46 0.00 | 33.53 1.37 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 32.29 0.46 0.00 | 36.77 0.67 0.00 | 38.44 0.67 0.00 | 41.53 0.88 0.00 | 41.60 0.93 0.00 | 32.42 1.12 0.00 | 46.35 1.86 0.00 | 66.64 2.32 0.00 | 61.79 2.28 0.00 | 46.01 2.02 0.00 | 42.04 1.53 0.00 | 42.29 1.49 0.00 | 39.84 1.27 0.00 | 38.26 0.92 0.00 | 28.46 0.63 0.00 | 23.86 0.51 0.00 | 36.33 0.54 0.00 | 43.28 -0.06 0.00 | 54.19 0.13 0.00 | 57.73 0.37 0.00 | 50.36 0.36 0.00 | 41.41 0.54 0.00 | 38.99 0.84 0.00 | 33.00 0.84 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 32.71 0.88 0.00 | 37.08 0.98 0.00 | 38.81 1.05 0.00 | 41.82 1.16 0.00 | 41.79 1.12 0.00 | 32.24 0.94 0.00 | 46.19 1.69 0.00 | 66.82 2.51 0.00 | 61.70 2.19 0.00 | 45.58 1.58 0.00 | 41.84 1.33 0.00 | 42.19 1.39 0.00 | 39.75 1.19 0.00 | 38.32 0.97 0.00 | 28.54 0.72 0.00 | 23.88 0.54 0.00 | 36.76 0.97 0.00 | 44.65 1.30 0.00 | 55.70 1.64 0.00 | 59.14 1.79 0.00 | 51.46 1.46 0.00 | 42.05 1.18 0.00 | 39.26 1.10 0.00 | 33.03 0.88 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 32.01 0.17 0.00 | 36.42 0.32 0.00 | 38.02 0.26 0.00 | 41.08 0.42 0.00 | 41.02 0.35 0.00 | 31.76 0.46 0.00 | 45.57 1.08 0.00 | 65.79 1.48 0.00 | 60.87 1.35 0.00 | 44.98 0.99 0.00 | 41.30 0.79 0.00 | 41.82 1.02 0.00 | 39.42 0.86 0.00 | 37.85 0.50 0.00 | 28.11 0.28 0.00 | 23.47 0.12 0.00 | 35.92 0.13 0.00 | 43.51 0.17 0.00 | 54.46 0.40 0.00 | 58.05 0.70 0.00 | 50.40 0.40 0.00 | 41.25 0.39 0.00 | 38.62 0.47 0.00 | 32.53 0.38 0.00 |

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| GOUDEY___7 23579 | 32.01 0.17 0.00 | 36.42 0.32 0.00 | 38.02 0.26 0.00 | 41.08 0.42 0.00 | 41.02 0.35 0.00 | 31.76 0.46 0.00 | 45.57 1.08 0.00 | 65.79 1.48 0.00 | 60.87 1.35 0.00 | 44.98 0.99 0.00 | 41.30 0.79 0.00 | 41.82 1.02 0.00 | 39.42 0.86 0.00 | 37.85 0.50 0.00 | 28.11 0.28 0.00 | 23.47 0.12 0.00 | 35.92 0.13 0.00 | 43.51 0.17 0.00 | 54.46 0.40 0.00 | 58.05 0.70 0.00 | 50.40 0.40 0.00 | 41.25 0.39 0.00 | 38.62 0.47 0.00 | 32.53 0.38 0.00 |
| GOUDEY___8 23580 | 32.01 0.17 0.00 | 36.42 0.32 0.00 | 38.02 0.26 0.00 | 41.08 0.42 0.00 | 41.02 0.35 0.00 | 31.76 0.46 0.00 | 45.57 1.08 0.00 | 65.79 1.48 0.00 | 60.87 1.35 0.00 | 44.98 0.99 0.00 | 41.30 0.79 0.00 | 41.82 1.02 0.00 | 39.42 0.86 0.00 | 37.85 0.50 0.00 | 28.11 0.28 0.00 | 23.47 0.12 0.00 | 35.92 0.13 0.00 | 43.51 0.17 0.00 | 54.46 0.40 0.00 | 58.05 0.70 0.00 | 50.40 0.40 0.00 | 41.25 0.39 0.00 | 38.62 0.47 0.00 | 32.53 0.38 0.00 |
| GOWANUS_GT1_1 24077 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT1_2 24078 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT1_3 24079 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT1_4 24080 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT1_5 24084 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT1_6 24111 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT1_7 24112 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT1_8 24113 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT2_1 24114 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.47 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.70 3.18 0.00 | 46.33 2.34 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 3.00 0.00 | 40.01 2.61 -0.05 | 52.19 1.92 -22.45 | 41.04 1.46 -16.23 | 38.18 2.34 -0.05 | 45.80 2.45 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT2_2 24115 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.47 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.70 3.18 0.00 | 46.33 2.34 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 3.00 0.00 | 40.01 2.61 -0.05 | 52.19 1.92 -22.45 | 41.04 1.46 -16.23 | 38.18 2.34 -0.05 | 45.80 2.45 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT2_3 24116 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.47 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.70 3.18 0.00 | 46.33 2.34 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 3.00 0.00 | 40.01 2.61 -0.05 | 52.19 1.92 -22.45 | 41.04 1.46 -16.23 | 38.18 2.34 -0.05 | 45.80 2.45 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT2_4 24117 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.47 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.70 3.18 0.00 | 46.33 2.34 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 3.00 0.00 | 40.01 2.61 -0.05 | 52.19 1.92 -22.45 | 41.04 1.46 -16.23 | 38.18 2.34 -0.05 | 45.80 2.45 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT2_5 24118 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.47 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.70 3.18 0.00 | 46.33 2.34 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 3.00 0.00 | 40.01 2.61 -0.05 | 52.19 1.92 -22.45 | 41.04 1.46 -16.23 | 38.18 2.34 -0.05 | 45.80 2.45 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |

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| GOWANUS_GT2_6 24119 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.47 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.70 3.18 0.00 | 46.33 2.34 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 3.00 0.00 | 40.01 2.61 -0.05 | 52.19 1.92 -22.45 | 41.04 1.46 -16.23 | 38.18 2.34 -0.05 | 45.80 2.45 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT2_7 24120 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.47 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.70 3.18 0.00 | 46.33 2.34 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 3.00 0.00 | 40.01 2.61 -0.05 | 52.19 1.92 -22.45 | 41.04 1.46 -16.23 | 38.18 2.34 -0.05 | 45.80 2.45 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT2_8 24121 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.47 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.70 3.18 0.00 | 46.33 2.34 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 3.00 0.00 | 40.01 2.61 -0.05 | 52.19 1.92 -22.45 | 41.04 1.46 -16.23 | 38.18 2.34 -0.05 | 45.80 2.45 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT3_1 24122 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT3_2 24123 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT3_3 24124 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT3_4 24125 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT3_5 24126 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT3_6 24127 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT3_7 24128 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT3_8 24129 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT4_1 24130 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.48 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.69 3.18 0.00 | 46.33 2.33 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 2.99 0.00 | 40.01 2.61 -0.05 | 52.21 1.94 -22.45 | 41.05 1.47 -16.23 | 38.19 2.35 -0.05 | 45.81 2.46 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT4_2 24131 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.48 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.69 3.18 0.00 | 46.33 2.33 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 2.99 0.00 | 40.01 2.61 -0.05 | 52.21 1.94 -22.45 | 41.05 1.47 -16.23 | 38.19 2.35 -0.05 | 45.81 2.46 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT4_3 24132 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.48 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.69 3.18 0.00 | 46.33 2.33 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 2.99 0.00 | 40.01 2.61 -0.05 | 52.21 1.94 -22.45 | 41.05 1.47 -16.23 | 38.19 2.35 -0.05 | 45.81 2.46 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT4_4 24133 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.48 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.69 3.18 0.00 | 46.33 2.33 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 2.99 0.00 | 40.01 2.61 -0.05 | 52.21 1.94 -22.45 | 41.05 1.47 -16.23 | 38.19 2.35 -0.05 | 45.81 2.46 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |

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|-------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.48 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.69 3.18 0.00 | 46.33 2.33 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 2.99 0.00 | 40.01 2.61 -0.05 | 52.21 1.94 -22.45 | 41.05 1.47 -16.23 | 38.19 2.35 -0.05 | 45.81 2.46 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT4_6 24135 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.48 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.69 3.18 0.00 | 46.33 2.33 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 2.99 0.00 | 40.01 2.61 -0.05 | 52.21 1.94 -22.45 | 41.05 1.47 -16.23 | 38.19 2.35 -0.05 | 45.81 2.46 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT4_7 24136 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.48 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.69 3.18 0.00 | 46.33 2.33 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 2.99 0.00 | 40.01 2.61 -0.05 | 52.21 1.94 -22.45 | 41.05 1.47 -16.23 | 38.19 2.35 -0.05 | 45.81 2.46 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GOWANUS_GT4_8 24137 | 33.42 1.59 0.00 | 37.82 1.73 0.00 | 39.32 1.56 0.00 | 42.17 1.51 0.00 | 42.14 1.48 0.00 | 32.73 1.43 0.00 | 46.71 2.21 0.00 | 67.72 3.40 0.00 | 62.69 3.18 0.00 | 46.33 2.33 0.00 | 43.03 2.52 0.00 | 43.61 2.81 0.00 | 41.55 2.99 0.00 | 40.01 2.61 -0.05 | 52.21 1.94 -22.45 | 41.05 1.47 -16.23 | 38.19 2.35 -0.05 | 45.81 2.46 0.00 | 56.79 2.73 0.00 | 60.15 2.79 0.00 | 52.21 2.20 0.00 | 42.63 1.76 0.00 | 39.86 1.71 0.00 | 33.79 1.64 0.00 |
| GREATVRV_69_KV_BK1 356245 | 34.36 1.87 -0.66 | 41.93 2.15 -3.68 | 39.84 2.08 0.00 | 42.76 2.10 0.00 | 42.37 1.71 0.00 | 32.51 1.21 0.00 | 46.27 1.77 0.00 | 65.33 2.20 1.18 | 58.33 2.59 3.77 | 45.97 2.00 0.03 | 44.23 2.68 -1.04 | 44.97 3.09 -1.08 | 49.84 3.17 -8.11 | 45.60 2.47 -5.79 | 33.76 2.06 -3.87 | 37.38 1.63 -12.40 | 37.77 2.10 0.11 | 43.27 2.27 2.34 | 53.19 1.97 2.84 | 56.36 2.11 3.11 | 49.39 1.89 2.50 | 41.06 1.79 1.60 | 39.78 1.63 0.00 | 33.75 1.59 0.00 |
| GREENBSH_115KV_TB3 55895 | 31.83 0.00 0.00 | 36.18 0.08 0.00 | 37.89 0.12 0.00 | 40.67 0.01 0.00 | 40.65 -0.03 0.00 | 31.30 0.00 0.00 | 44.86 0.36 0.00 | 64.97 0.66 0.00 | 60.17 0.66 0.00 | 44.47 0.47 0.00 | 41.11 0.60 0.00 | 41.42 0.62 0.00 | 39.31 0.74 0.00 | 37.76 0.42 0.00 | 28.24 0.42 0.00 | 23.60 0.25 0.00 | 36.12 0.33 0.00 | 43.72 0.37 0.00 | 54.41 0.35 0.00 | 57.58 0.23 0.00 | 50.24 0.23 0.00 | 41.05 0.18 0.00 | 38.22 0.07 0.00 | 32.27 0.12 0.00 |
| GREENDGE_115KV_TB5 80291 | 31.87 0.04 0.00 | 36.31 0.21 0.00 | 37.92 0.15 0.00 | 41.03 0.37 0.00 | 40.96 0.30 0.00 | 31.93 0.63 0.00 | 45.71 1.21 0.00 | 65.72 1.41 0.00 | 60.91 1.40 0.00 | 45.01 1.02 0.00 | 41.27 0.76 0.00 | 41.58 0.78 0.00 | 39.23 0.67 0.00 | 37.54 0.20 0.00 | 27.85 0.02 0.00 | 23.21 -0.14 0.00 | 35.57 -0.22 0.00 | 43.18 -0.16 0.00 | 54.09 0.03 0.00 | 57.74 0.39 0.00 | 50.12 0.12 0.00 | 41.22 0.35 0.00 | 38.74 0.58 0.00 | 32.58 0.42 0.00 |
| GREENIDGE___3 23582 | 31.87 0.04 0.00 | 36.31 0.21 0.00 | 37.92 0.15 0.00 | 41.03 0.37 0.00 | 40.96 0.30 0.00 | 31.93 0.63 0.00 | 45.71 1.21 0.00 | 65.72 1.41 0.00 | 60.91 1.40 0.00 | 45.01 1.02 0.00 | 41.27 0.76 0.00 | 41.58 0.78 0.00 | 39.23 0.67 0.00 | 37.54 0.20 0.00 | 27.85 0.02 0.00 | 23.21 -0.14 0.00 | 35.57 -0.22 0.00 | 43.18 -0.16 0.00 | 54.09 0.03 0.00 | 57.74 0.39 0.00 | 50.12 0.12 0.00 | 41.22 0.35 0.00 | 38.74 0.58 0.00 | 32.58 0.42 0.00 |
| GREENIDGE___4 23583 | 31.87 0.04 0.00 | 36.30 0.21 0.00 | 37.92 0.15 0.00 | 41.04 0.38 0.00 | 40.97 0.30 0.00 | 31.93 0.63 0.00 | 45.71 1.22 0.00 | 65.72 1.41 0.00 | 60.91 1.01 0.00 | 45.00 1.01 -0.30 | 41.59 0.78 0.00 | 41.60 0.80 0.00 | 39.22 0.66 0.00 | 37.54 0.20 0.00 | 27.85 0.03 0.00 | 23.22 -0.13 0.00 | 35.57 -0.22 0.00 | 43.18 -0.16 0.00 | 54.09 0.03 0.00 | 57.73 0.38 0.00 | 50.13 0.12 0.00 | 41.21 0.34 0.00 | 38.74 0.59 0.00 | 32.58 0.42 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 33.84 1.36 -0.65 | 41.32 1.58 -3.65 | 39.27 1.51 0.00 | 42.13 1.47 0.00 | 41.70 1.03 0.00 | 31.92 0.62 0.00 | 45.35 0.85 0.00 | 60.19 1.08 5.20 | 49.36 1.60 11.75 | 45.17 1.23 0.06 | 43.47 1.93 -1.03 | 44.23 2.37 -1.07 | 49.03 2.45 -8.02 | 44.92 1.85 -5.73 | 33.35 1.70 -3.82 | 36.87 1.27 -12.26 | 36.93 1.42 0.28 | 38.99 1.37 5.72 | 48.17 1.04 6.93 | 50.88 1.13 7.60 | 44.83 0.94 6.11 | 37.84 0.89 3.91 | 39.04 0.89 0.00 | 33.14 0.98 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |
| GRISSOM___SOLAR 323813 | 32.78 0.95 0.00 | 37.14 1.05 0.00 | 38.84 1.08 0.00 | 41.79 1.13 0.00 | 41.82 1.15 0.00 | 32.29 0.99 0.00 | 46.22 1.72 0.00 | 67.04 2.72 0.00 | 61.66 2.15 0.00 | 45.13 1.13 0.00 | 41.25 0.74 0.00 | 40.78 -0.02 0.00 | 38.38 -0.18 0.00 | 37.76 0.42 0.00 | 28.14 0.31 0.00 | 23.53 0.18 0.00 | 36.23 0.44 0.00 | 44.63 1.29 0.00 | 56.00 1.94 0.00 | 59.47 2.11 0.00 | 51.79 1.79 0.00 | 42.29 1.42 0.00 | 39.39 1.23 0.00 | 33.07 0.92 0.00 |
| GROVEVILLE___HYD 323602 | 33.30 1.47 0.00 | 37.73 1.63 0.00 | 39.34 1.58 0.00 | 42.26 1.60 0.00 | 42.18 1.51 0.00 | 32.62 1.32 0.00 | 46.83 2.33 0.00 | 67.89 3.58 0.00 | 62.81 3.30 0.00 | 46.31 2.32 0.00 | 42.94 2.43 0.00 | 43.45 2.65 0.00 | 41.25 2.69 0.00 | 39.62 2.28 0.00 | 29.61 1.78 0.00 | 24.73 1.38 0.00 | 37.88 2.09 0.00 | 45.76 2.41 0.00 | 56.96 2.91 0.00 | 60.39 3.04 0.00 | 52.46 2.46 0.00 | 42.82 1.95 0.00 | 39.91 1.75 0.00 | 33.63 1.47 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 31.65 -0.18 0.00 | 35.91 -0.19 0.00 | 37.52 -0.25 0.00 | 40.45 -0.21 0.00 | 40.44 -0.22 0.00 | 31.25 -0.05 0.00 | 44.68 0.18 0.00 | 64.61 0.30 0.00 | 59.78 0.26 0.00 | 44.15 0.16 0.00 | 40.60 0.09 0.00 | 40.89 0.09 0.00 | 38.52 -0.04 0.00 | 37.06 -0.28 0.00 | 27.54 -0.28 0.00 | 23.12 -0.23 0.00 | 35.51 -0.28 0.00 | 43.09 -0.25 0.00 | 53.90 -0.16 0.00 | 57.31 -0.04 0.00 | 49.83 -0.17 0.00 | 40.81 -0.06 0.00 | 38.12 -0.03 0.00 | 32.09 -0.06 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 31.76 -0.07 0.00 | 36.05 -0.05 0.00 | 37.66 -0.10 0.00 | 40.63 -0.04 0.00 | 40.64 -0.03 0.00 | 31.39 0.09 0.00 | 44.94 0.44 0.00 | 64.93 0.61 0.00 | 60.10 0.58 0.00 | 44.38 0.39 0.00 | 40.79 0.29 0.00 | 41.05 0.25 0.00 | 38.65 0.09 0.00 | 37.11 -0.23 0.00 | 27.58 -0.25 0.00 | 23.13 -0.21 0.00 | 35.55 -0.24 0.00 | 43.15 -0.20 0.00 | 54.07 0.01 0.00 | 57.55 0.20 0.00 | 50.01 0.01 0.00 | 40.97 0.10 0.00 | 38.28 0.13 0.00 | 32.23 0.07 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 32.61 0.77 0.00 | 36.77 0.67 0.00 | 38.29 0.53 0.00 | 41.42 0.75 0.00 | 41.59 0.92 0.00 | 32.13 0.83 0.00 | 45.40 0.90 0.00 | 65.62 1.31 0.00 | 60.52 1.01 0.00 | 44.72 0.73 0.00 | 40.84 0.33 0.00 | 40.44 -0.36 0.00 | 37.85 -0.71 0.00 | 36.63 -0.71 0.00 | 27.28 -0.55 0.00 | 22.97 -0.38 0.00 | 35.63 -0.16 0.00 | 43.83 0.49 0.00 | 55.34 1.28 0.00 | 58.81 1.46 0.00 | 51.20 1.20 0.00 | 41.85 0.98 0.00 | 39.12 0.97 0.00 | 32.78 0.63 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 33.26 1.43 0.00 | 37.77 1.67 0.00 | 39.41 1.65 0.00 | 42.44 1.78 0.00 | 42.40 1.73 0.00 | 32.77 1.47 0.00 | 47.20 2.70 0.00 | 68.41 4.10 0.00 | 62.59 3.07 0.00 | 46.16 2.17 0.00 | 42.26 1.75 0.00 | 42.16 1.35 0.00 | 39.58 1.02 0.00 | 38.03 0.69 0.00 | 28.31 0.49 0.00 | 23.73 0.38 0.00 | 36.52 0.73 0.00 | 45.05 1.71 0.00 | 56.64 2.58 0.00 | 60.16 2.81 0.00 | 52.39 2.39 0.00 | 42.89 2.02 0.00 | 39.87 1.72 0.00 | 33.51 1.36 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 33.24 1.41 0.00 | 37.66 1.56 0.00 | 39.28 1.51 0.00 | 42.21 1.55 0.00 | 42.14 1.47 0.00 | 32.64 1.34 0.00 | 46.93 2.43 0.00 | 68.04 3.72 0.00 | 62.88 3.36 0.00 | 46.27 2.28 0.00 | 42.89 2.39 0.00 | 43.41 2.61 0.00 | 41.24 2.68 0.00 | 39.58 2.23 0.00 | 30.07 1.74 -0.51 | 25.05 1.34 -0.37 | 37.86 2.07 0.00 | 45.78 2.44 0.00 | 57.12 3.06 0.00 | 60.50 3.15 0.00 | 52.43 2.43 0.00 | 42.76 1.89 0.00 | 39.86 1.71 0.00 | 33.60 1.45 0.00 |
| HARSNRAD_115KV_TB1 81005 | 31.77 -0.07 0.00 | 36.25 0.16 0.00 | 37.90 0.14 0.00 | 41.03 0.37 0.00 | 41.04 0.37 0.00 | 32.07 0.77 0.00 | 45.57 1.07 0.00 | 65.08 0.76 0.00 | 60.72 1.21 0.00 | 45.53 1.54 0.00 | 41.50 0.99 0.00 | 41.92 1.12 0.00 | 39.60 1.04 0.00 | 38.05 0.71 0.00 | 28.18 0.36 0.00 | 23.56 0.21 0.00 | 35.44 -0.34 0.00 | 41.83 -1.51 0.00 | 52.12 -1.94 0.00 | 55.55 -1.80 0.00 | 48.65 -1.35 0.00 | 40.42 -0.45 0.00 | 38.37 0.22 0.00 | 32.57 0.41 0.00 |
| HARZA MOOSE___RIVER 24016 | 32.63 0.80 0.00 | 36.79 0.70 0.00 | 38.28 0.52 0.00 | 41.38 0.72 0.00 | 41.49 0.82 0.00 | 32.12 0.82 0.00 | 45.83 1.33 0.00 | 66.25 1.93 0.00 | 61.14 1.63 0.00 | 45.17 1.17 0.00 | 41.28 0.77 0.00 | 41.12 0.32 0.00 | 38.45 -0.11 0.00 | 36.90 -0.44 0.00 | 27.52 -0.31 0.00 | 23.16 -0.19 0.00 | 35.90 0.11 0.00 | 44.23 0.88 0.00 | 55.78 1.72 0.00 | 59.23 1.88 0.00 | 51.28 1.28 0.00 | 41.83 0.96 0.00 | 39.09 0.93 0.00 | 32.73 0.57 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 31.45 -0.38 0.00 | 35.68 -0.41 0.00 | 37.29 -0.47 0.00 | 40.19 -0.47 0.00 | 40.19 -0.48 0.00 | 31.06 -0.24 0.00 | 44.38 -0.12 0.00 | 64.15 -0.16 0.00 | 59.41 -0.10 0.00 | 43.90 -0.10 0.00 | 40.38 -0.13 0.00 | 40.69 -0.11 0.00 | 38.35 -0.21 0.00 | 36.91 -0.43 0.00 | 27.45 -0.38 0.00 | 23.03 -0.31 0.00 | 35.33 -0.46 0.00 | 42.81 -0.53 0.00 | 53.50 -0.55 0.00 | 56.86 -0.50 0.00 | 49.46 -0.54 0.00 | 40.50 -0.38 0.00 | 37.87 -0.28 0.00 | 31.88 -0.27 0.00 |
| HELLGATE_13_KV_LD 55870 | 33.57 1.74 0.00 | 38.04 1.95 0.00 | 39.59 1.83 0.00 | 42.43 1.77 0.00 | 42.33 1.66 0.00 | 32.84 1.55 0.00 | 46.91 2.42 0.00 | 68.02 3.71 0.00 | 62.97 3.46 0.00 | 46.53 2.54 0.00 | 43.27 2.76 0.00 | 43.85 3.04 0.00 | 41.77 3.21 0.00 | 40.24 2.84 -0.05 | 52.41 2.14 -22.45 | 41.24 1.66 -16.23 | 38.37 2.53 -0.05 | 46.03 2.68 0.00 | 57.04 2.98 0.00 | 60.39 3.03 0.00 | 52.41 2.41 0.00 | 42.78 1.91 0.00 | 39.96 1.81 0.00 | 33.87 1.71 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 33.57 1.74 0.00 | 38.04 1.95 0.00 | 39.59 1.83 0.00 | 42.43 1.77 0.00 | 42.33 1.66 0.00 | 32.84 1.55 0.00 | 46.91 2.42 0.00 | 68.02 3.71 0.00 | 62.97 3.46 0.00 | 46.53 2.54 0.00 | 43.27 2.76 0.00 | 43.85 3.04 0.00 | 41.77 3.21 0.00 | 40.24 2.84 -0.05 | 52.41 2.14 -22.45 | 41.24 1.66 -16.23 | 38.37 2.53 -0.05 | 46.03 2.68 0.00 | 57.04 2.98 0.00 | 60.39 3.03 0.00 | 52.41 2.41 0.00 | 42.78 1.91 0.00 | 39.96 1.81 0.00 | 33.87 1.71 0.00 |
| HEMPSTEAD___ 23647 | 34.33 1.54 -0.96 | 43.22 1.77 -5.35 | 39.46 1.70 0.00 | 42.35 1.69 0.00 | 42.08 1.41 0.00 | 32.39 1.09 0.00 | 46.26 1.76 0.00 | 66.79 2.47 0.00 | 62.14 2.63 0.00 | 45.93 1.93 0.00 | 44.41 2.39 -1.52 | 45.05 2.69 -1.56 | 53.11 2.76 -11.79 | 48.04 2.28 -8.41 | 35.93 1.89 -6.21 | 43.26 1.47 -18.44 | 37.80 2.01 0.00 | 45.47 2.13 0.00 | 56.07 2.01 0.00 | 59.45 2.10 0.00 | 51.82 1.82 0.00 | 42.39 1.52 0.00 | 39.61 1.46 0.00 | 33.59 1.43 0.00 |
| HICKLING___1 23621 | 31.74 -0.09 0.00 | 36.31 0.21 0.00 | 37.86 0.10 0.00 | 41.14 0.48 0.00 | 41.04 0.38 0.00 | 31.99 0.69 0.00 | 46.09 1.59 0.00 | 66.37 2.06 0.00 | 61.42 1.91 0.00 | 45.43 1.44 0.00 | 41.56 1.05 0.00 | 42.16 1.35 0.00 | 39.67 1.11 0.00 | 37.94 0.60 0.00 | 28.05 0.23 0.00 | 23.34 -0.01 0.00 | 35.73 -0.06 0.00 | 43.35 0.00 0.00 | 54.33 0.27 0.00 | 58.17 0.82 0.00 | 50.37 0.36 0.00 | 41.31 0.43 0.00 | 38.75 0.60 0.00 | 32.59 0.44 0.00 |
| HICKLING___2 23622 | 31.74 -0.09 0.00 | 36.31 0.21 0.00 | 37.86 0.10 0.00 | 41.14 0.48 0.00 | 41.04 0.38 0.00 | 31.99 0.69 0.00 | 46.09 1.59 0.00 | 66.37 2.06 0.00 | 61.42 1.91 0.00 | 45.43 1.44 0.00 | 41.56 1.05 0.00 | 42.16 1.35 0.00 | 39.67 1.11 0.00 | 37.94 0.60 0.00 | 28.05 0.23 0.00 | 23.34 -0.01 0.00 | 35.73 -0.06 0.00 | 43.35 0.00 0.00 | 54.33 0.27 0.00 | 58.17 0.82 0.00 | 50.37 0.36 0.00 | 41.31 0.43 0.00 | 38.75 0.60 0.00 | 32.59 0.44 0.00 |
| HIGH FALLS___HY 23754 | 33.41 1.58 0.00 | 37.81 1.71 0.00 | 39.42 1.66 0.00 | 42.35 1.70 0.00 | 42.27 1.60 0.00 | 32.66 1.36 0.00 | 46.92 2.43 0.00 | 68.07 3.76 0.00 | 62.81 3.30 0.00 | 46.27 2.28 0.00 | 42.81 2.30 0.00 | 43.21 2.42 0.00 | 41.10 2.54 0.00 | 39.18 1.83 0.00 | 29.28 1.45 0.00 | 24.41 1.06 0.00 | 37.50 1.71 0.00 | 45.45 2.11 0.00 | 56.84 2.78 0.00 | 60.64 3.29 0.00 | 52.69 2.68 0.00 | 42.94 2.07 0.00 | 40.01 1.86 0.00 | 33.70 1.54 0.00 |
| HIGH_RIVER___SOLAR 323847 | 32.68 0.84 0.00 | 37.02 0.93 0.00 | 38.71 0.95 0.00 | 41.67 1.01 0.00 | 41.69 1.02 0.00 | 32.18 0.88 0.00 | 46.02 1.52 0.00 | 66.69 2.38 0.00 | 61.24 1.72 0.00 | 44.91 0.92 0.00 | 41.16 0.65 0.00 | 40.99 0.19 0.00 | 38.58 0.02 0.00 | 37.25 -0.09 0.00 | 27.78 -0.04 0.00 | 23.28 -0.07 0.00 | 35.79 0.01 0.00 | 44.25 0.90 0.00 | 55.75 1.69 0.00 | 59.19 1.84 0.00 | 51.54 1.54 0.00 | 42.11 1.24 0.00 | 39.23 1.08 0.00 | 32.96 0.81 0.00 |
| HILLBURN___GT 23639 | 33.12 1.28 0.00 | 37.51 1.42 0.00 | 39.12 1.36 0.00 | 42.04 1.37 0.00 | 41.96 1.30 0.00 | 32.51 1.21 0.00 | 46.76 2.26 0.00 | 67.76 3.45 0.00 | 62.66 3.15 0.00 | 46.08 2.09 0.00 | 42.75 2.24 0.00 | 43.29 2.49 0.00 | 41.15 2.59 0.00 | 39.53 2.19 0.00 | 30.05 1.68 -0.54 | 25.04 1.30 -0.39 | 37.77 1.98 0.00 | 45.60 2.26 0.00 | 56.86 2.80 0.00 | 60.22 2.86 0.00 | 52.17 2.17 0.00 | 42.53 1.66 0.00 | 39.68 1.52 0.00 | 33.46 1.30 0.00 |
| HILLSIDE_115KV_TB1 80332 | 31.42 -0.41 0.00 | 35.92 -0.18 0.00 | 37.43 -0.33 0.00 | 40.62 -0.04 0.00 | 40.52 -0.14 0.00 | 31.53 0.23 0.00 | 45.41 0.91 0.00 | 65.41 1.10 0.00 | 60.52 1.01 0.00 | 44.74 0.75 0.00 | 40.98 0.47 0.00 | 41.69 0.89 0.00 | 39.31 0.75 0.00 | 37.59 0.25 0.00 | 27.84 0.01 0.00 | 23.16 -0.18 0.00 | 35.36 -0.43 0.00 | 42.81 -0.53 0.00 | 53.65 -0.41 0.00 | 57.50 0.15 0.00 | 49.77 -0.24 0.00 | 40.77 -0.10 0.00 | 38.24 0.09 0.00 | 32.20 0.05 0.00 |

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| HISHELDN_WT_PWR 323625 | 31.50 -0.33 0.00 | 36.07 -0.02 0.00 | 37.71 -0.05 0.00 | 40.96 0.30 0.00 | 40.89 0.22 0.00 | 31.95 0.65 0.00 | 45.64 1.14 0.00 | 65.43 1.12 0.00 | 60.88 1.37 0.00 | 45.39 1.40 0.00 | 41.20 0.82 0.13 | 41.85 1.05 0.00 | 39.42 0.86 0.00 | 37.81 0.47 0.00 | 27.94 0.12 0.00 | 23.30 -0.05 0.00 | 35.39 -0.40 0.00 | 42.21 -1.14 0.00 | 52.72 -1.33 0.00 | 56.27 -1.08 0.00 | 49.10 -0.90 0.00 | 40.60 -0.27 0.00 | 38.34 0.19 0.00 | 32.31 0.16 0.00 |
| HOLTSVILLE_IC_1 23690 | 33.98 1.52 -0.63 | 41.37 1.77 -3.51 | 39.47 1.71 0.00 | 42.37 1.71 0.00 | 42.00 1.33 0.00 | 32.16 0.87 0.00 | 45.65 1.15 0.00 | 64.59 1.21 0.93 | 57.96 1.48 3.03 | 45.25 1.28 0.02 | 43.57 2.07 -0.99 | 44.25 2.42 -1.03 | 48.89 2.60 -7.73 | 44.81 1.95 -5.51 | 33.12 1.66 -3.63 | 36.45 1.34 -11.77 | 37.35 1.65 0.09 | 42.86 1.40 1.90 | 52.51 0.75 2.30 | 55.61 0.77 2.52 | 48.69 0.72 2.02 | 40.60 1.02 1.30 | 39.28 1.13 0.00 | 33.35 1.19 0.00 |
| HOLTSVILLE_IC_10 23699 | 34.11 1.64 -0.64 | 41.54 1.89 -3.55 | 39.59 1.83 0.00 | 42.50 1.84 0.00 | 42.14 1.47 0.00 | 32.27 0.97 0.00 | 45.80 1.30 0.00 | 64.54 1.46 1.23 | 57.20 1.71 4.03 | 45.43 1.46 0.03 | 43.75 2.23 -1.01 | 44.43 2.59 -1.04 | 49.15 2.77 -7.82 | 45.02 2.09 -5.58 | 33.20 1.68 -3.69 | 36.64 1.36 -11.92 | 37.39 1.73 0.12 | 42.42 1.60 2.52 | 51.99 0.99 3.06 | 55.02 1.01 3.35 | 48.24 0.93 2.70 | 40.38 1.23 1.73 | 39.46 1.31 0.00 | 33.49 1.33 0.00 |
| HOLTSVILLE_IC_2 23691 | 33.98 1.52 -0.63 | 41.37 1.77 -3.51 | 39.47 1.71 0.00 | 42.37 1.71 0.00 | 42.00 1.33 0.00 | 32.16 0.87 0.00 | 45.65 1.15 0.00 | 64.59 1.21 0.93 | 57.96 1.48 3.03 | 45.25 1.28 0.02 | 43.57 2.07 -0.99 | 44.25 2.42 -1.03 | 48.89 2.60 -7.73 | 44.81 1.95 -5.51 | 33.12 1.66 -3.63 | 36.45 1.34 -11.77 | 37.35 1.65 0.09 | 42.86 1.40 1.90 | 52.51 0.75 2.30 | 55.61 0.77 2.52 | 48.69 0.72 2.02 | 40.60 1.02 1.30 | 39.28 1.13 0.00 | 33.35 1.19 0.00 |
| HOLTSVILLE_IC_3 23692 | 33.98 1.52 -0.63 | 41.37 1.77 -3.51 | 39.47 1.71 0.00 | 42.37 1.71 0.00 | 42.00 1.33 0.00 | 32.16 0.87 0.00 | 45.65 1.15 0.00 | 64.59 1.21 0.93 | 57.96 1.48 3.03 | 45.25 1.28 0.02 | 43.57 2.07 -0.99 | 44.25 2.42 -1.03 | 48.89 2.60 -7.73 | 44.81 1.95 -5.51 | 33.12 1.66 -3.63 | 36.45 1.34 -11.77 | 37.35 1.65 0.09 | 42.86 1.40 1.90 | 52.51 0.75 2.30 | 55.61 0.77 2.52 | 48.69 0.72 2.02 | 40.60 1.02 1.30 | 39.28 1.13 0.00 | 33.35 1.19 0.00 |
| HOLTSVILLE_IC_4 23693 | 33.98 1.52 -0.63 | 41.37 1.77 -3.51 | 39.47 1.71 0.00 | 42.37 1.71 0.00 | 42.00 1.33 0.00 | 32.16 0.87 0.00 | 45.65 1.15 0.00 | 64.59 1.21 0.93 | 57.96 1.48 3.03 | 45.25 1.28 0.02 | 43.57 2.07 -0.99 | 44.25 2.42 -1.03 | 48.89 2.60 -7.73 | 44.81 1.95 -5.51 | 33.12 1.66 -3.63 | 36.45 1.34 -11.77 | 37.35 1.65 0.09 | 42.86 1.40 1.90 | 52.51 0.75 2.30 | 55.61 0.77 2.52 | 48.69 0.72 2.02 | 40.60 1.02 1.30 | 39.28 1.13 0.00 | 33.35 1.19 0.00 |
| HOLTSVILLE_IC_5 23694 | 33.98 1.52 -0.63 | 41.37 1.77 -3.51 | 39.47 1.71 0.00 | 42.37 1.71 0.00 | 42.00 1.33 0.00 | 32.16 0.87 0.00 | 45.65 1.15 0.00 | 64.59 1.21 0.93 | 57.96 1.48 3.03 | 45.25 1.28 0.02 | 43.57 2.07 -0.99 | 44.25 2.42 -1.03 | 48.89 2.60 -7.73 | 44.81 1.95 -5.51 | 33.12 1.66 -3.63 | 36.45 1.34 -11.77 | 37.35 1.65 0.09 | 42.86 1.40 1.90 | 52.51 0.75 2.30 | 55.61 0.77 2.52 | 48.69 0.72 2.02 | 40.60 1.02 1.30 | 39.28 1.13 0.00 | 33.35 1.19 0.00 |
| HOLTSVILLE_IC_6 23695 | 34.11 1.64 -0.64 | 41.54 1.89 -3.55 | 39.59 1.83 0.00 | 42.50 1.84 0.00 | 42.14 1.47 0.00 | 32.27 0.97 0.00 | 45.80 1.30 0.00 | 64.54 1.46 1.23 | 57.20 1.71 4.03 | 45.43 1.46 0.03 | 43.75 2.23 -1.01 | 44.43 2.59 -1.04 | 49.15 2.77 -7.82 | 45.02 2.09 -5.58 | 33.20 1.68 -3.69 | 36.64 1.36 -11.92 | 37.39 1.73 0.12 | 42.42 1.60 2.52 | 51.99 0.99 3.06 | 55.02 1.01 3.35 | 48.24 0.93 2.70 | 40.38 1.23 1.73 | 39.46 1.31 0.00 | 33.49 1.33 0.00 |
| HOLTSVILLE_IC_7 23696 | 34.11 1.64 -0.64 | 41.54 1.89 -3.55 | 39.59 1.83 0.00 | 42.50 1.84 0.00 | 42.14 1.47 0.00 | 32.27 0.97 0.00 | 45.80 1.30 0.00 | 64.54 1.46 1.23 | 57.20 1.71 4.03 | 45.43 1.46 0.03 | 43.75 2.23 -1.01 | 44.43 2.59 -1.04 | 49.15 2.77 -7.82 | 45.02 2.09 -5.58 | 33.20 1.68 -3.69 | 36.64 1.36 -11.92 | 37.39 1.73 0.12 | 42.42 1.60 2.52 | 51.99 0.99 3.06 | 55.02 1.01 3.35 | 48.24 0.93 2.70 | 40.38 1.23 1.73 | 39.46 1.31 0.00 | 33.49 1.33 0.00 |
| HOLTSVILLE_IC_8 23697 | 34.11 1.64 -0.64 | 41.54 1.89 -3.55 | 39.59 1.83 0.00 | 42.50 1.84 0.00 | 42.14 1.47 0.00 | 32.27 0.97 0.00 | 45.80 1.30 0.00 | 64.54 1.46 1.23 | 57.20 1.71 4.03 | 45.43 1.46 0.03 | 43.75 2.23 -1.01 | 44.43 2.59 -1.04 | 49.15 2.77 -7.82 | 45.02 2.09 -5.58 | 33.20 1.68 -3.69 | 36.64 1.36 -11.92 | 37.39 1.73 0.12 | 42.42 1.60 2.52 | 51.99 0.99 3.06 | 55.02 1.01 3.35 | 48.24 0.93 2.70 | 40.38 1.23 1.73 | 39.46 1.31 0.00 | 33.49 1.33 0.00 |
| HOLTSVILLE_IC_9 23698 | 34.11 1.64 -0.64 | 41.54 1.89 -3.55 | 39.59 1.83 0.00 | 42.50 1.84 0.00 | 42.14 1.47 0.00 | 32.27 0.97 0.00 | 45.80 1.30 0.00 | 64.54 1.46 1.23 | 57.20 1.71 4.03 | 45.43 1.46 0.03 | 43.75 2.23 -1.01 | 44.43 2.59 -1.04 | 49.15 2.77 -7.82 | 45.02 2.09 -5.58 | 33.20 1.68 -3.69 | 36.64 1.36 -11.92 | 37.39 1.73 0.12 | 42.42 1.60 2.52 | 51.99 0.99 3.06 | 55.02 1.01 3.35 | 48.24 0.93 2.70 | 40.38 1.23 1.73 | 39.46 1.31 0.00 | 33.49 1.33 0.00 |
| HOMER_HL_115KV_TB2 355744 | 32.08 0.25 0.00 | 36.69 0.60 0.00 | 38.32 0.56 0.00 | 41.55 0.89 0.00 | 41.47 0.80 0.00 | 32.33 1.03 0.00 | 46.21 1.71 0.00 | 66.48 2.16 0.00 | 61.79 2.28 0.00 | 45.99 1.99 0.00 | 42.26 1.75 0.00 | 43.06 2.26 0.00 | 40.57 2.01 0.00 | 38.87 1.53 0.00 | 28.82 0.99 0.00 | 23.80 0.46 0.00 | 35.86 0.07 0.00 | 42.99 -0.35 0.00 | 53.91 -0.14 0.00 | 57.50 0.15 0.00 | 49.90 -0.10 0.00 | 41.11 0.24 0.00 | 38.87 0.72 0.00 | 32.86 0.70 0.00 |
| HOWARD_WT_PWR 323690 | 30.98 -0.85 0.00 | 35.36 -0.73 0.00 | 37.01 -0.75 0.00 | 40.55 -0.11 0.00 | 40.42 -0.25 0.00 | 31.59 0.29 0.00 | 45.68 1.18 0.00 | 65.63 1.31 0.00 | 60.81 1.30 0.00 | 44.87 0.87 0.00 | 41.32 0.47 -0.33 | 41.41 0.61 0.00 | 38.79 0.23 0.00 | 36.90 -0.45 0.00 | 27.20 -0.63 0.00 | 22.61 -0.74 0.00 | 34.70 -1.09 0.00 | 42.14 -1.21 0.00 | 52.91 -1.14 0.00 | 56.70 -0.66 0.00 | 49.15 -0.85 0.00 | 40.55 -0.32 0.00 | 38.06 -0.09 0.00 | 31.73 -0.42 0.00 |
| HQ_GEN_CEDARS 23644 | 32.23 0.40 0.00 | 36.52 0.43 0.00 | 38.26 0.50 0.00 | 41.21 0.55 0.00 | 41.30 0.63 0.00 | 31.77 0.46 0.00 | 44.71 0.21 0.00 | 64.53 0.21 0.00 | 59.63 0.11 0.00 | 44.19 0.19 0.00 | 40.55 0.04 0.00 | 40.63 -0.17 0.00 | 38.36 -0.20 0.00 | 37.60 0.25 0.00 | 27.98 0.16 0.00 | 23.52 0.17 0.00 | 36.12 0.33 0.00 | 43.70 0.35 0.00 | 54.63 0.57 0.00 | 57.96 0.60 0.00 | 50.63 0.63 0.00 | 41.38 0.50 0.00 | 38.63 0.48 0.00 | 32.58 0.42 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 32.23 0.40 0.00 | 36.52 0.43 0.00 | 38.26 0.49 0.00 | 41.21 0.55 0.00 | 41.30 0.63 0.00 | 31.77 0.47 0.00 | 44.71 0.21 0.00 | 64.53 0.21 0.00 | 59.63 0.11 0.00 | 44.19 0.19 0.00 | 40.55 0.04 0.00 | 40.63 -0.17 0.00 | 38.36 -0.20 0.00 | 37.60 0.25 0.00 | 27.98 0.16 0.00 | 23.52 0.17 0.00 | 36.12 0.33 0.00 | 43.70 0.35 0.00 | 54.63 0.57 0.00 | 57.96 0.60 0.00 | 50.63 0.63 0.00 | 41.38 0.51 0.00 | 38.63 0.47 0.00 | 32.58 0.42 0.00 |

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| HQ_GEN_IMPORT 323601 | 31.96 0.12 0.00 | 36.22 0.12 0.00 | 37.93 0.16 0.00 | 40.86 0.19 0.00 | 40.91 0.24 0.00 | 31.43 0.13 0.00 | 44.27 -0.23 0.00 | 63.91 -0.40 0.00 | 58.33 -0.43 0.76 | 43.71 -0.28 0.00 | 40.21 -0.30 0.00 | 40.41 -0.39 0.00 | 38.21 -0.35 0.00 | 37.39 0.05 0.00 | 27.84 0.01 0.00 | 23.41 0.06 0.00 | 35.89 0.10 0.00 | 43.42 0.07 0.00 | 54.17 0.12 0.00 | 57.47 0.11 0.00 | 50.15 0.14 0.00 | 40.95 0.08 0.00 | 38.23 0.08 0.00 | 32.25 0.09 0.00 |
| HQ_GEN_WHEEL 23651 | 31.96 0.12 0.00 | 36.22 0.12 0.00 | 37.93 0.16 0.00 | 40.86 0.19 0.00 | 40.91 0.24 0.00 | 31.43 0.13 0.00 | 44.27 -0.23 0.00 | 63.91 -0.40 0.00 | 58.33 -0.43 0.76 | 43.71 -0.28 0.00 | 40.21 -0.30 0.00 | 40.41 -0.39 0.00 | 38.21 -0.35 0.00 | 37.39 0.05 0.00 | 27.84 0.01 0.00 | 23.41 0.06 0.00 | 35.89 0.10 0.00 | 43.42 0.07 0.00 | 54.17 0.12 0.00 | 57.47 0.11 0.00 | 50.15 0.14 0.00 | 40.95 0.08 0.00 | 38.23 0.08 0.00 | 32.25 0.09 0.00 |
| HUDSON AVE_GT_3 23810 | 33.43 1.60 0.00 | 37.87 1.77 0.00 | 39.42 1.66 0.00 | 42.27 1.61 0.00 | 42.17 1.50 0.00 | 32.69 1.39 0.00 | 46.80 2.30 0.00 | 67.85 3.54 0.00 | 62.84 3.32 0.00 | 46.39 2.40 0.00 | 43.12 2.60 0.00 | 43.71 2.91 0.00 | 41.60 3.04 0.00 | 40.08 2.69 -0.05 | 48.37 2.11 -18.43 | 38.33 1.66 -13.32 | 38.25 2.42 -0.04 | 45.94 2.59 0.00 | 56.97 2.91 0.00 | 60.30 2.94 0.00 | 52.33 2.33 0.00 | 42.72 1.85 0.00 | 39.87 1.72 0.00 | 33.71 1.56 0.00 |
| HUDSON AVE_GT_4 23540 | 33.43 1.60 0.00 | 37.87 1.77 0.00 | 39.42 1.66 0.00 | 42.27 1.61 0.00 | 42.17 1.50 0.00 | 32.69 1.39 0.00 | 46.80 2.30 0.00 | 67.85 3.54 0.00 | 62.84 3.32 0.00 | 46.39 2.40 0.00 | 43.12 2.60 0.00 | 43.71 2.91 0.00 | 41.60 3.04 0.00 | 40.08 2.69 -0.05 | 48.37 2.11 -18.43 | 38.33 1.66 -13.32 | 38.25 2.42 -0.04 | 45.94 2.59 0.00 | 56.97 2.91 0.00 | 60.30 2.94 0.00 | 52.33 2.33 0.00 | 42.72 1.85 0.00 | 39.87 1.72 0.00 | 33.71 1.56 0.00 |
| HUDSON AVE_GT_5 23657 | 33.43 1.60 0.00 | 37.87 1.77 0.00 | 39.42 1.66 0.00 | 42.27 1.61 0.00 | 42.17 1.50 0.00 | 32.69 1.39 0.00 | 46.80 2.30 0.00 | 67.85 3.54 0.00 | 62.84 3.32 0.00 | 46.39 2.40 0.00 | 43.12 2.60 0.00 | 43.71 2.91 0.00 | 41.60 3.04 0.00 | 40.08 2.69 -0.05 | 48.37 2.11 -18.43 | 38.33 1.66 -13.32 | 38.25 2.42 -0.04 | 45.94 2.59 0.00 | 56.97 2.91 0.00 | 60.30 2.94 0.00 | 52.33 2.33 0.00 | 42.72 1.85 0.00 | 39.87 1.72 0.00 | 33.71 1.56 0.00 |
| HUDSON_AVE_10 24168 | 33.26 1.43 0.00 | 37.68 1.58 0.00 | 39.24 1.48 0.00 | 42.07 1.41 0.00 | 41.97 1.30 0.00 | 32.54 1.24 0.00 | 46.55 2.06 0.00 | 67.52 3.21 0.00 | 62.52 3.01 0.00 | 46.13 2.14 0.00 | 42.89 2.38 0.00 | 43.49 2.69 0.00 | 41.38 2.82 0.00 | 39.87 2.48 -0.05 | 48.27 2.01 -18.43 | 38.23 1.56 -13.32 | 38.07 2.24 -0.04 | 45.71 2.36 0.00 | 56.69 2.63 0.00 | 60.00 2.65 0.00 | 52.07 2.07 0.00 | 42.49 1.62 0.00 | 39.66 1.51 0.00 | 33.55 1.39 0.00 |
| HUDSON___115KV_TB 4 355613 | 32.32 0.49 0.00 | 36.75 0.66 0.00 | 38.49 0.73 0.00 | 41.35 0.68 0.00 | 41.35 0.68 0.00 | 32.52 1.22 0.00 | 46.77 2.27 0.00 | 67.85 3.54 0.00 | 62.77 3.25 0.00 | 46.38 2.39 0.00 | 42.88 2.37 0.00 | 43.18 2.38 0.00 | 40.62 2.06 0.00 | 39.03 1.68 0.00 | 28.72 0.90 0.00 | 24.07 0.72 0.00 | 37.21 1.42 0.00 | 45.29 1.94 0.00 | 57.08 3.02 0.00 | 60.54 3.19 0.00 | 52.78 2.77 0.00 | 43.06 2.19 0.00 | 40.00 1.85 0.00 | 33.64 1.48 0.00 |
| HUNTER MOUNT___DRP 323613 | 32.30 0.47 0.00 | 36.75 0.66 0.00 | 38.53 0.77 0.00 | 41.39 0.73 0.00 | 41.40 0.73 0.00 | 32.35 1.05 0.00 | 46.51 2.02 0.00 | 67.51 3.19 0.00 | 62.47 2.96 0.00 | 46.17 2.18 0.00 | 42.67 2.16 0.00 | 42.94 2.14 0.00 | 40.40 1.84 0.00 | 38.82 1.48 0.00 | 28.64 0.81 0.00 | 24.01 0.66 0.00 | 37.09 1.30 0.00 | 45.12 1.78 0.00 | 56.76 2.70 0.00 | 60.18 2.83 0.00 | 52.46 2.46 0.00 | 42.81 1.94 0.00 | 39.77 1.62 0.00 | 33.44 1.29 0.00 |
| HUNTINGTON_RES_REC 323705 | 33.92 1.44 -0.64 | 41.34 1.66 -3.58 | 39.36 1.60 0.00 | 42.29 1.63 0.00 | 41.89 1.22 0.00 | 32.05 0.75 0.00 | 45.51 1.01 0.00 | 61.99 1.17 3.49 | 49.41 1.60 11.70 | 45.22 1.30 0.08 | 43.59 2.06 -1.02 | 44.32 2.47 -1.05 | 49.04 2.59 -7.89 | 44.93 1.95 -5.63 | 33.27 1.71 -3.73 | 36.69 1.31 -12.03 | 36.96 1.53 0.36 | 37.37 1.45 7.42 | 46.05 0.98 8.99 | 48.54 1.04 9.85 | 42.98 0.90 7.92 | 36.83 1.03 5.08 | 39.22 1.07 0.00 | 33.28 1.13 0.00 |
| HUNTLEY___63 23557 | 31.95 0.12 0.00 | 36.47 0.37 0.00 | 38.10 0.34 0.00 | 41.25 0.58 0.00 | 41.26 0.59 0.00 | 32.23 0.93 0.00 | 45.84 1.34 0.00 | 65.59 1.27 0.00 | 61.24 1.73 0.00 | 45.92 1.93 0.00 | 41.89 1.38 0.00 | 42.33 1.53 0.00 | 39.94 1.38 0.00 | 38.43 1.09 0.00 | 28.46 0.63 0.00 | 23.77 0.42 0.00 | 35.77 -0.02 0.00 | 42.19 -1.15 0.00 | 52.53 -1.53 0.00 | 55.99 -1.36 0.00 | 49.01 -0.99 0.00 | 40.73 -0.14 0.00 | 38.66 0.51 0.00 | 32.77 0.61 0.00 |
| HUNTLEY___64 23558 | 31.95 0.12 0.00 | 36.47 0.37 0.00 | 38.10 0.34 0.00 | 41.25 0.58 0.00 | 41.26 0.59 0.00 | 32.23 0.93 0.00 | 45.84 1.34 0.00 | 65.59 1.27 0.00 | 61.24 1.73 0.00 | 45.92 1.93 0.00 | 41.89 1.38 0.00 | 42.33 1.53 0.00 | 39.94 1.38 0.00 | 38.43 1.09 0.00 | 28.46 0.63 0.00 | 23.77 0.42 0.00 | 35.77 -0.02 0.00 | 42.19 -1.15 0.00 | 52.53 -1.53 0.00 | 55.99 -1.36 0.00 | 49.01 -0.99 0.00 | 40.73 -0.14 0.00 | 38.66 0.51 0.00 | 32.77 0.61 0.00 |
| HUNTLEY___65 23559 | 31.95 0.12 0.00 | 36.47 0.37 0.00 | 38.10 0.34 0.00 | 41.25 0.58 0.00 | 41.26 0.59 0.00 | 32.23 0.93 0.00 | 45.84 1.34 0.00 | 65.59 1.27 0.00 | 61.24 1.73 0.00 | 45.92 1.93 0.00 | 41.89 1.38 0.00 | 42.33 1.53 0.00 | 39.94 1.38 0.00 | 38.43 1.09 0.00 | 28.46 0.63 0.00 | 23.77 0.42 0.00 | 35.77 -0.02 0.00 | 42.19 -1.15 0.00 | 52.53 -1.53 0.00 | 55.99 -1.36 0.00 | 49.01 -0.99 0.00 | 40.73 -0.14 0.00 | 38.66 0.51 0.00 | 32.77 0.61 0.00 |
| HUNTLEY___66 23560 | 31.95 0.12 0.00 | 36.47 0.37 0.00 | 38.10 0.34 0.00 | 41.25 0.58 0.00 | 41.26 0.59 0.00 | 32.23 0.93 0.00 | 45.84 1.34 0.00 | 65.59 1.27 0.00 | 61.24 1.73 0.00 | 45.92 1.93 0.00 | 41.89 1.38 0.00 | 42.33 1.53 0.00 | 39.94 1.38 0.00 | 38.43 1.09 0.00 | 28.46 0.63 0.00 | 23.77 0.42 0.00 | 35.77 -0.02 0.00 | 42.19 -1.15 0.00 | 52.53 -1.53 0.00 | 55.99 -1.36 0.00 | 49.01 -0.99 0.00 | 40.73 -0.14 0.00 | 38.66 0.51 0.00 | 32.77 0.61 0.00 |
| HUNTLEY___67 23561 | 31.69 -0.14 0.00 | 36.18 0.09 0.00 | 37.82 0.06 0.00 | 40.92 0.26 0.00 | 40.95 0.28 0.00 | 31.99 0.69 0.00 | 45.52 1.02 0.00 | 65.12 0.81 0.00 | 60.76 1.24 0.00 | 45.54 1.55 0.00 | 41.59 1.08 0.00 | 42.07 1.26 0.00 | 39.68 1.12 0.00 | 38.18 0.83 0.00 | 28.29 0.47 0.00 | 23.59 0.24 0.00 | 35.53 -0.26 0.00 | 42.03 -1.31 0.00 | 52.31 -1.75 0.00 | 55.77 -1.58 0.00 | 48.78 -1.23 0.00 | 40.48 -0.40 0.00 | 38.37 0.21 0.00 | 32.47 0.32 0.00 |
| HUNTLEY___68 23562 | 31.69 -0.14 0.00 | 36.18 0.09 0.00 | 37.82 0.06 0.00 | 40.92 0.26 0.00 | 40.95 0.28 0.00 | 31.99 0.69 0.00 | 45.52 1.02 0.00 | 65.12 0.81 0.00 | 60.76 1.24 0.00 | 45.54 1.55 0.00 | 41.59 1.08 0.00 | 42.07 1.26 0.00 | 39.68 1.12 0.00 | 38.18 0.83 0.00 | 28.29 0.47 0.00 | 23.59 0.24 0.00 | 35.53 -0.26 0.00 | 42.03 -1.31 0.00 | 52.31 -1.75 0.00 | 55.77 -1.58 0.00 | 48.78 -1.23 0.00 | 40.48 -0.40 0.00 | 38.37 0.21 0.00 | 32.47 0.32 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HYLAND___LFGE 323620 | 33.00 1.17 0.00 | 37.58 1.49 0.00 | 39.28 1.52 0.00 | 42.62 1.96 0.00 | 42.63 1.95 0.00 | 33.31 2.02 0.00 | 48.05 3.55 0.00 | 69.34 5.03 0.00 | 64.40 4.88 0.00 | 47.50 3.51 0.00 | 42.79 2.18 -0.10 | 42.57 1.77 0.00 | 40.05 1.48 0.00 | 38.38 1.03 0.00 | 28.86 1.03 0.00 | 23.91 0.56 0.00 | 35.88 0.09 0.00 | 43.51 0.16 0.00 | 54.59 0.54 0.00 | 60.17 2.82 0.00 | 52.75 2.74 0.00 | 42.17 1.30 0.00 | 39.99 1.84 0.00 | 33.94 1.78 0.00 |
| INDECK___CORINTH 23802 | 32.50 0.66 0.00 | 36.81 0.71 0.00 | 38.50 0.74 0.00 | 41.45 0.79 0.00 | 41.41 0.74 0.00 | 31.89 0.59 0.00 | 46.00 1.50 0.00 | 66.75 2.44 0.00 | 61.68 2.17 0.00 | 45.51 1.51 0.00 | 41.87 1.36 0.00 | 42.15 1.35 0.00 | 39.69 1.13 0.00 | 37.95 0.61 0.00 | 28.29 0.46 0.00 | 23.85 0.50 0.00 | 36.70 0.91 0.00 | 44.92 1.58 0.00 | 56.17 2.11 0.00 | 59.46 2.11 0.00 | 51.73 1.72 0.00 | 42.20 1.33 0.00 | 39.19 1.04 0.00 | 32.78 0.63 0.00 |
| INDECK___ILION 23567 | 32.64 0.81 0.00 | 37.04 0.94 0.00 | 38.69 0.92 0.00 | 41.66 1.00 0.00 | 41.62 0.95 0.00 | 32.12 0.82 0.00 | 46.05 1.55 0.00 | 66.70 2.38 0.00 | 61.34 1.83 0.00 | 45.29 1.30 0.00 | 41.56 1.05 0.00 | 41.66 0.86 0.00 | 39.25 0.69 0.00 | 37.80 0.46 0.00 | 28.16 0.33 0.00 | 23.60 0.25 0.00 | 36.27 0.48 0.00 | 44.39 1.05 0.00 | 55.61 1.55 0.00 | 59.03 1.68 0.00 | 51.42 1.42 0.00 | 42.06 1.18 0.00 | 39.16 1.00 0.00 | 32.95 0.79 0.00 |
| INDECK___OLEAN 23982 | 32.08 0.25 0.00 | 36.69 0.60 0.00 | 38.32 0.56 0.00 | 41.56 0.90 0.00 | 41.46 0.79 0.00 | 32.33 1.03 0.00 | 46.22 1.72 0.00 | 66.48 2.16 0.00 | 61.80 2.28 0.00 | 45.97 1.98 0.70 | 41.56 1.75 0.00 | 43.06 2.26 0.00 | 40.56 2.00 0.00 | 38.87 1.53 0.00 | 28.83 1.00 0.00 | 23.83 0.48 0.00 | 35.87 0.08 0.00 | 43.00 -0.35 0.00 | 53.91 -0.14 0.00 | 57.49 0.14 0.00 | 49.90 -0.10 0.00 | 41.11 0.24 0.00 | 38.88 0.72 0.00 | 32.86 0.70 0.00 |
| INDECK___OSWEGO 23783 | 30.88 -0.95 0.00 | 34.99 -1.10 0.00 | 36.55 -1.21 0.00 | 39.40 -1.26 0.00 | 39.41 -1.26 0.00 | 30.45 -0.85 0.00 | 43.45 -1.05 0.00 | 62.73 -1.58 0.00 | 58.09 -1.43 0.00 | 42.90 -1.10 0.00 | 39.46 -1.05 0.00 | 39.73 -1.07 0.00 | 37.42 -1.14 0.00 | 36.05 -1.29 0.00 | 26.83 -1.00 0.00 | 22.54 -0.81 0.00 | 34.57 -1.22 0.00 | 41.94 -1.40 0.00 | 52.45 -1.60 0.00 | 55.73 -1.62 0.00 | 48.54 -1.46 0.00 | 39.96 -0.91 0.00 | 37.45 -0.71 0.00 | 31.50 -0.65 0.00 |
| INDECK___YERKES 23781 | 31.98 0.15 0.00 | 36.50 0.41 0.00 | 38.13 0.36 0.00 | 41.29 0.62 0.00 | 41.27 0.60 0.00 | 32.26 0.96 0.00 | 45.89 1.39 0.00 | 65.65 1.34 0.00 | 61.30 1.78 0.00 | 45.94 1.95 0.00 | 41.48 1.41 0.44 | 42.37 1.57 0.00 | 39.97 1.41 0.00 | 38.47 1.12 0.00 | 28.51 0.69 0.00 | 23.82 0.47 0.00 | 35.83 0.04 0.00 | 42.24 -1.11 0.00 | 52.57 -1.49 0.00 | 56.02 -1.34 0.00 | 49.04 -0.96 0.00 | 40.77 -0.10 0.00 | 38.71 0.56 0.00 | 32.79 0.63 0.00 |
| INDIAN POINT_GT_1 24139 | 33.08 1.24 0.00 | 37.48 1.38 0.00 | 39.07 1.31 0.00 | 41.96 1.30 0.00 | 41.87 1.20 0.00 | 32.40 1.10 0.00 | 46.50 2.00 0.00 | 67.36 3.04 0.00 | 62.32 2.81 0.00 | 45.91 1.92 0.00 | 42.62 2.11 0.00 | 43.15 2.35 0.00 | 41.02 2.46 0.00 | 39.43 2.08 0.00 | 30.07 1.64 -0.61 | 25.05 1.27 -0.44 | 37.67 1.88 0.00 | 45.42 2.07 0.00 | 56.54 2.48 0.00 | 59.87 2.51 0.00 | 51.95 1.95 0.00 | 42.40 1.53 0.00 | 39.56 1.41 0.00 | 33.39 1.24 0.00 |
| INDIAN POINT_GT_2 23659 | 33.08 1.24 0.00 | 37.48 1.38 0.00 | 39.07 1.31 0.00 | 41.96 1.30 0.00 | 41.87 1.20 0.00 | 32.40 1.10 0.00 | 46.50 2.00 0.00 | 67.36 3.04 0.00 | 62.32 2.81 0.00 | 45.91 1.92 0.00 | 42.62 2.11 0.00 | 43.15 2.35 0.00 | 41.02 2.46 0.00 | 39.43 2.08 0.00 | 30.07 1.64 -0.61 | 25.05 1.27 -0.44 | 37.67 1.88 0.00 | 45.42 2.07 0.00 | 56.54 2.48 0.00 | 59.87 2.51 0.00 | 51.95 1.95 0.00 | 42.40 1.53 0.00 | 39.56 1.41 0.00 | 33.39 1.24 0.00 |
| INDIAN POINT_GT_3 24019 | 33.08 1.24 0.00 | 37.48 1.38 0.00 | 39.07 1.31 0.00 | 41.96 1.30 0.00 | 41.87 1.20 0.00 | 32.40 1.10 0.00 | 46.50 2.00 0.00 | 67.36 3.04 0.00 | 62.32 2.81 0.00 | 45.91 1.92 0.00 | 42.62 2.11 0.00 | 43.15 2.35 0.00 | 41.02 2.46 0.00 | 39.43 2.08 0.00 | 30.07 1.64 -0.61 | 25.05 1.27 -0.44 | 37.67 1.88 0.00 | 45.42 2.07 0.00 | 56.54 2.48 0.00 | 59.87 2.51 0.00 | 51.95 1.95 0.00 | 42.40 1.53 0.00 | 39.56 1.41 0.00 | 33.39 1.24 0.00 |
| INDIAN POINT___2 23530 | 33.08 1.24 0.00 | 37.48 1.38 0.00 | 39.07 1.31 0.00 | 41.96 1.30 0.00 | 41.88 1.21 0.00 | 32.41 1.11 0.00 | 46.54 2.05 0.00 | 67.42 3.11 0.00 | 62.37 2.85 0.00 | 45.93 1.94 0.00 | 42.62 2.11 0.00 | 43.17 2.37 0.00 | 41.04 2.48 0.00 | 39.43 2.08 0.00 | 30.12 1.63 -0.67 | 25.08 1.26 -0.48 | 37.66 1.88 0.00 | 45.44 2.09 0.00 | 56.59 2.54 0.00 | 59.92 2.57 0.00 | 51.97 1.97 0.00 | 42.41 1.53 0.00 | 39.57 1.41 0.00 | 33.40 1.25 0.00 |
| INDIAN POINT___3 23531 | 33.05 1.22 0.00 | 37.45 1.36 0.00 | 39.05 1.29 0.00 | 41.94 1.28 0.00 | 41.86 1.19 0.00 | 32.38 1.08 0.00 | 46.47 1.98 0.00 | 67.33 3.02 0.00 | 62.30 2.79 0.00 | 45.89 1.90 0.00 | 42.58 2.07 0.00 | 43.13 2.33 0.00 | 40.98 2.42 0.00 | 39.39 2.05 0.00 | 30.00 1.61 -0.57 | 25.00 1.25 -0.41 | 37.63 1.84 0.00 | 45.39 2.05 0.00 | 56.50 2.44 0.00 | 59.85 2.49 0.00 | 51.93 1.92 0.00 | 42.39 1.52 0.00 | 39.54 1.39 0.00 | 33.37 1.22 0.00 |
| INGHAM_C_115KV_TB7 356103 | 33.61 1.78 0.00 | 38.17 2.07 0.00 | 39.84 2.08 0.00 | 42.90 2.24 0.00 | 42.85 2.18 0.00 | 33.12 1.82 0.00 | 47.85 3.35 0.00 | 69.39 5.08 0.00 | 63.40 3.89 0.00 | 46.71 2.72 0.00 | 42.68 2.17 0.00 | 42.48 1.68 0.00 | 39.86 1.30 0.00 | 38.31 0.96 0.00 | 28.49 0.67 0.00 | 23.88 0.53 0.00 | 36.75 0.96 0.00 | 45.57 2.22 0.00 | 57.46 3.40 0.00 | 61.05 3.70 0.00 | 53.15 3.14 0.00 | 43.52 2.65 0.00 | 40.43 2.28 0.00 | 33.96 1.80 0.00 |
| IP CORINTH___1 23988 | 32.69 0.86 0.00 | 37.03 0.93 0.00 | 38.73 0.96 0.00 | 41.69 1.03 0.00 | 41.65 0.98 0.00 | 32.08 0.79 0.00 | 46.28 1.78 0.00 | 67.15 2.83 0.00 | 62.05 2.54 0.00 | 45.77 1.78 0.00 | 42.12 1.61 0.00 | 42.41 1.61 0.00 | 39.93 1.37 0.00 | 38.18 0.84 0.00 | 28.46 0.64 0.00 | 23.99 0.64 0.00 | 36.92 1.13 0.00 | 45.19 1.84 0.00 | 56.49 2.44 0.00 | 59.80 2.45 0.00 | 52.02 2.02 0.00 | 42.45 1.58 0.00 | 39.42 1.27 0.00 | 32.98 0.83 0.00 |
| IP___TICONDEROGA 23804 | 34.38 2.55 0.00 | 38.90 2.80 0.00 | 40.62 2.86 0.00 | 43.72 3.06 0.00 | 43.79 3.12 0.00 | 33.71 2.41 0.00 | 49.15 4.65 0.00 | 71.81 7.49 0.00 | 66.23 6.71 0.00 | 48.53 4.54 0.00 | 44.23 3.72 0.00 | 44.61 3.80 0.00 | 41.80 3.24 0.00 | 39.96 2.61 0.00 | 29.87 2.04 0.00 | 25.33 1.98 0.00 | 39.05 3.27 0.00 | 48.00 4.66 0.00 | 60.24 6.18 0.00 | 63.67 6.31 0.00 | 55.34 5.34 0.00 | 45.07 4.20 0.00 | 41.63 3.48 0.00 | 34.50 2.35 0.00 |
| ISLIP_RES_REC 323679 | 34.21 1.74 -0.64 | 41.67 2.00 -3.58 | 39.70 1.93 0.00 | 42.62 1.96 0.00 | 42.26 1.59 0.00 | 32.37 1.07 0.00 | 45.98 1.48 0.00 | 64.81 1.72 1.22 | 57.51 1.97 3.98 | 45.62 1.65 0.03 | 43.94 2.42 -1.01 | 44.63 2.78 -1.05 | 49.39 2.95 -7.88 | 45.20 2.23 -5.62 | 33.33 1.78 -3.73 | 36.85 1.47 -12.02 | 37.55 1.88 0.12 | 42.65 1.80 2.49 | 52.29 1.25 3.02 | 55.34 1.30 3.31 | 48.50 1.15 2.66 | 40.58 1.42 1.70 | 39.62 1.46 0.00 | 33.58 1.43 0.00 |

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| JAMAICA__27_KV_LOAD 355505 | 33.29 1.46 0.00 | 37.73 1.64 0.00 | 39.30 1.54 0.00 | 42.14 1.48 0.00 | 42.04 1.37 0.00 | 32.62 1.32 0.00 | 46.60 2.11 0.00 | 67.73 3.42 0.00 | 62.60 3.09 0.00 | 46.18 2.19 0.00 | 42.95 2.44 0.00 | 43.56 2.76 0.00 | 41.46 2.90 0.00 | 39.96 2.57 -0.05 | 48.43 2.17 -18.43 | 38.35 1.68 -13.32 | 38.19 2.35 -0.04 | 45.81 2.47 0.00 | 56.82 2.76 0.00 | 60.16 2.81 0.00 | 52.20 2.20 0.00 | 42.57 1.70 0.00 | 39.72 1.57 0.00 | 33.64 1.49 0.00 |
| JANIS__SOLAR 323808 | 32.97 1.14 0.00 | 37.38 1.29 0.00 | 39.10 1.33 0.00 | 42.21 1.55 0.00 | 42.17 1.50 0.00 | 32.76 1.46 0.00 | 47.04 2.55 0.00 | 68.04 3.73 0.00 | 62.84 3.33 0.00 | 46.02 2.03 0.00 | 41.90 1.25 -0.15 | 42.08 1.28 0.00 | 39.29 0.73 0.00 | 37.59 0.25 0.00 | 27.70 -0.12 0.00 | 23.19 -0.16 0.00 | 35.87 0.08 0.00 | 44.25 0.90 0.00 | 56.19 2.13 0.00 | 59.82 2.47 0.00 | 51.89 1.88 0.00 | 42.47 1.60 0.00 | 39.68 1.53 0.00 | 33.30 1.14 0.00 |
| JARVIS____ 23743 | 31.92 0.09 0.00 | 36.20 0.11 0.00 | 37.87 0.10 0.00 | 40.75 0.09 0.00 | 40.75 0.08 0.00 | 31.39 0.09 0.00 | 44.77 0.27 0.00 | 64.74 0.43 0.00 | 59.87 0.36 0.00 | 44.26 0.26 0.00 | 40.75 0.24 0.00 | 41.06 0.26 0.00 | 38.79 0.23 0.00 | 37.44 0.10 0.00 | 27.91 0.08 0.00 | 23.41 0.06 0.00 | 35.90 0.11 0.00 | 43.54 0.20 0.00 | 54.30 0.24 0.00 | 57.58 0.23 0.00 | 50.20 0.20 0.00 | 41.03 0.16 0.00 | 38.27 0.11 0.00 | 32.25 0.09 0.00 |
| JENNISON____1 23625 | 32.97 1.14 0.00 | 37.31 1.21 0.00 | 39.17 1.41 0.00 | 42.31 1.65 0.00 | 42.05 1.38 0.00 | 32.68 1.38 0.00 | 47.12 2.62 0.00 | 67.80 3.49 0.00 | 62.68 3.17 0.00 | 46.16 2.17 0.00 | 41.90 1.39 0.00 | 42.07 1.27 0.00 | 39.27 0.71 0.00 | 37.76 0.42 0.00 | 27.84 0.02 0.00 | 23.19 -0.15 0.00 | 35.78 -0.01 0.00 | 43.91 0.57 0.00 | 55.62 1.56 0.00 | 58.70 1.34 0.00 | 50.92 0.92 0.00 | 41.60 0.73 0.00 | 38.98 0.83 0.00 | 32.74 0.58 0.00 |
| JENNISON____2 23626 | 32.97 1.14 0.00 | 37.31 1.21 0.00 | 39.17 1.41 0.00 | 42.31 1.65 0.00 | 42.05 1.38 0.00 | 32.68 1.38 0.00 | 47.12 2.62 0.00 | 67.80 3.49 0.00 | 62.68 3.17 0.00 | 46.16 2.17 0.00 | 41.90 1.39 0.00 | 42.07 1.27 0.00 | 39.27 0.71 0.00 | 37.76 0.42 0.00 | 27.84 0.02 0.00 | 23.19 -0.15 0.00 | 35.78 -0.01 0.00 | 43.91 0.57 0.00 | 55.62 1.56 0.00 | 58.70 1.34 0.00 | 50.92 0.92 0.00 | 41.60 0.73 0.00 | 38.98 0.83 0.00 | 32.74 0.58 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 31.55 -0.29 0.00 | 35.88 -0.21 0.00 | 37.79 0.03 0.00 | 40.79 0.13 0.00 | 41.02 0.35 0.00 | 31.48 0.19 0.00 | 44.30 -0.20 0.00 | 63.78 -0.54 0.00 | 59.03 -0.48 0.00 | 43.76 -0.23 0.00 | 40.28 -0.23 0.00 | 40.40 -0.41 0.00 | 37.94 -0.63 0.00 | 37.15 -0.19 0.00 | 27.54 -0.29 0.00 | 23.11 -0.24 0.00 | 35.55 -0.24 0.00 | 43.03 -0.31 0.00 | 53.98 -0.07 0.00 | 57.10 -0.26 0.00 | 49.83 -0.17 0.00 | 40.81 -0.06 0.00 | 38.12 -0.03 0.00 | 32.22 0.07 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 33.17 1.34 0.00 | 37.59 1.49 0.00 | 39.18 1.42 0.00 | 42.06 1.41 0.00 | 41.97 1.30 0.00 | 32.45 1.16 0.00 | 46.56 2.06 0.00 | 67.47 3.16 0.00 | 62.45 2.94 0.00 | 46.06 2.06 0.00 | 42.74 2.23 0.00 | 43.28 2.48 0.00 | 41.13 2.57 0.00 | 39.54 2.20 0.00 | 29.56 1.73 0.00 | 24.70 1.36 0.00 | 37.77 1.98 0.00 | 45.54 2.20 0.00 | 56.63 2.57 0.00 | 59.97 2.62 0.00 | 52.12 2.11 0.00 | 42.55 1.68 0.00 | 39.69 1.53 0.00 | 33.49 1.33 0.00 |
| KCE_NY_1 323755 | 32.83 1.00 0.00 | 37.24 1.15 0.00 | 38.93 1.16 0.00 | 41.86 1.19 0.00 | 41.86 1.19 0.00 | 32.28 0.98 0.00 | 46.50 2.00 0.00 | 67.24 2.93 0.00 | 62.16 2.65 0.00 | 45.93 1.94 0.00 | 42.32 1.81 0.00 | 42.60 1.80 0.00 | 40.20 1.64 0.00 | 38.48 1.13 0.00 | 28.70 0.88 0.00 | 24.13 0.78 0.00 | 37.10 1.31 0.00 | 45.23 1.89 0.00 | 56.43 2.37 0.00 | 59.73 2.38 0.00 | 52.01 2.01 0.00 | 42.49 1.62 0.00 | 39.52 1.37 0.00 | 33.19 1.04 0.00 |
| KCE_NY_6_ESR 323823 | 31.90 0.06 0.00 | 36.43 0.33 0.00 | 38.06 0.30 0.00 | 41.22 0.55 0.00 | 41.19 0.52 0.00 | 32.24 0.94 0.00 | 45.95 1.45 0.00 | 65.81 1.49 0.00 | 61.36 1.85 0.00 | 45.91 1.92 0.00 | 41.43 1.41 0.49 | 42.41 1.61 0.00 | 39.99 1.42 0.00 | 38.43 1.09 0.00 | 28.48 0.65 0.00 | 23.75 0.40 0.00 | 35.84 0.05 0.00 | 42.52 -0.82 0.00 | 53.01 -1.05 0.00 | 56.53 -0.82 0.00 | 49.39 -0.61 0.00 | 40.92 0.04 0.00 | 38.72 0.57 0.00 | 32.70 0.55 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 34.05 1.58 -0.63 | 41.46 1.83 -3.54 | 39.52 1.76 0.00 | 42.43 1.77 0.00 | 42.07 1.40 0.00 | 32.21 0.91 0.00 | 45.66 1.16 0.00 | 64.11 1.15 1.35 | 56.50 1.44 4.45 | 45.28 1.31 0.03 | 43.65 2.14 -1.00 | 44.32 2.49 -1.03 | 49.04 2.69 -7.79 | 44.92 2.02 -5.56 | 33.20 1.70 -3.67 | 36.59 1.37 -11.87 | 37.32 1.66 0.14 | 41.96 1.41 2.80 | 51.10 0.43 3.39 | 54.06 0.42 3.72 | 47.46 0.44 2.99 | 40.04 1.08 1.91 | 39.37 1.21 0.00 | 33.40 1.25 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 34.05 1.58 -0.63 | 41.46 1.83 -3.54 | 39.52 1.76 0.00 | 42.43 1.77 0.00 | 42.07 1.40 0.00 | 32.21 0.91 0.00 | 45.66 1.16 0.00 | 64.11 1.15 1.35 | 56.50 1.44 4.45 | 45.28 1.31 0.03 | 43.65 2.14 -1.00 | 44.32 2.49 -1.03 | 49.04 2.69 -7.79 | 44.92 2.02 -5.56 | 33.20 1.70 -3.67 | 36.59 1.37 -11.87 | 37.32 1.66 0.14 | 41.96 1.41 2.80 | 51.10 0.43 3.39 | 54.06 0.42 3.72 | 47.46 0.44 2.99 | 40.04 1.08 1.91 | 39.37 1.21 0.00 | 33.40 1.25 0.00 |
| KEDC_GLWD_GT4 24219 | 34.60 1.67 -1.11 | 44.15 1.88 -6.17 | 39.57 1.81 0.00 | 42.47 1.81 0.00 | 42.25 1.58 0.00 | 32.61 1.31 0.00 | 46.64 2.14 0.00 | 67.48 3.17 0.00 | 62.66 3.15 0.00 | 46.27 2.28 0.00 | 44.87 2.61 -1.75 | 45.50 2.90 -1.81 | 55.12 2.97 -13.58 | 49.56 2.52 -9.70 | 37.22 2.04 -7.36 | 46.35 1.61 -21.40 | 38.04 2.25 0.00 | 45.79 2.45 0.00 | 56.67 2.61 0.00 | 60.07 2.71 0.00 | 52.24 2.24 0.00 | 42.71 1.84 0.00 | 39.88 1.73 0.00 | 33.75 1.59 0.00 |
| KEDC_GLWD_GT5 24220 | 34.60 1.67 -1.11 | 44.15 1.88 -6.17 | 39.57 1.81 0.00 | 42.47 1.81 0.00 | 42.25 1.58 0.00 | 32.61 1.31 0.00 | 46.64 2.14 0.00 | 67.48 3.17 0.00 | 62.66 3.15 0.00 | 46.27 2.28 0.00 | 44.87 2.61 -1.75 | 45.50 2.90 -1.81 | 55.12 2.97 -13.58 | 49.56 2.52 -9.70 | 37.22 2.04 -7.36 | 46.35 1.61 -21.40 | 38.04 2.25 0.00 | 45.79 2.45 0.00 | 56.67 2.61 0.00 | 60.07 2.71 0.00 | 52.24 2.24 0.00 | 42.71 1.84 0.00 | 39.88 1.73 0.00 | 33.75 1.59 0.00 |
| KENSICO____ 23655 | 33.19 1.35 0.00 | 37.60 1.51 0.00 | 39.19 1.43 0.00 | 42.07 1.41 0.00 | 41.97 1.30 0.00 | 32.47 1.17 0.00 | 46.56 2.06 0.00 | 67.45 3.14 0.00 | 62.45 2.94 0.00 | 46.04 2.05 0.00 | 42.76 2.25 0.00 | 43.31 2.51 0.00 | 41.18 2.61 0.00 | 39.59 2.24 0.00 | 30.36 1.76 -0.77 | 25.29 1.38 -0.55 | 37.80 2.02 0.00 | 45.55 2.20 0.00 | 56.61 2.55 0.00 | 59.95 2.60 0.00 | 52.05 2.05 0.00 | 42.50 1.63 0.00 | 39.66 1.51 0.00 | 33.49 1.34 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 33.32 1.48 0.00 | 37.71 1.62 0.00 | 39.33 1.57 0.00 | 42.26 1.60 0.00 | 42.19 1.52 0.00 | 32.61 1.31 0.00 | 46.87 2.38 0.00 | 68.00 3.69 0.00 | 62.73 3.22 0.00 | 46.23 2.23 0.00 | 42.76 2.26 0.00 | 43.15 2.35 0.00 | 40.97 2.40 0.00 | 39.00 1.66 0.00 | 29.15 1.33 0.00 | 24.30 0.96 0.00 | 37.34 1.55 0.00 | 45.30 1.95 0.00 | 56.68 2.63 0.00 | 60.55 3.20 0.00 | 52.60 2.59 0.00 | 42.88 2.01 0.00 | 39.95 1.80 0.00 | 33.64 1.49 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|
| KIAC_JFK_GT1 23816 | 33.19 1.36 0.00 | 37.62 1.52 0.00 | 39.19 1.43 0.00 | 42.02 1.36 0.00 | 41.92 1.25 0.00 | 32.51 1.21 0.00 | 46.44 1.95 0.00 | 67.49 3.18 0.00 | 62.39 2.88 0.00 | 46.03 2.04 0.00 | 42.81 2.30 0.00 | 43.42 2.62 0.00 | 41.33 2.77 0.00 | 39.84 2.45 -0.05 | 48.33 2.08 -18.43 | 38.27 1.60 -13.32 | 38.07 2.24 -0.04 | 45.66 2.31 0.00 | 56.62 2.56 0.00 | 59.95 2.60 0.00 | 52.01 2.00 0.00 | 42.42 1.55 0.00 | 39.59 1.44 0.00 | 33.54 1.38 0.00 |
| KIAC_JFK_GT2 23817 | 33.19 1.36 0.00 | 37.62 1.52 0.00 | 39.19 1.43 0.00 | 42.02 1.36 0.00 | 41.92 1.25 0.00 | 32.51 1.21 0.00 | 46.44 1.95 0.00 | 67.49 3.18 0.00 | 62.39 2.88 0.00 | 46.03 2.04 0.00 | 42.81 2.30 0.00 | 43.42 2.62 0.00 | 41.33 2.77 0.00 | 39.84 2.45 -0.05 | 48.33 2.08 -18.43 | 38.27 1.60 -13.32 | 38.07 2.24 -0.04 | 45.66 2.31 0.00 | 56.62 2.56 0.00 | 59.95 2.60 0.00 | 52.01 2.00 0.00 | 42.42 1.55 0.00 | 39.59 1.44 0.00 | 33.54 1.38 0.00 |
| KIAC_JFK____ 323774 | 33.19 1.36 0.00 | 37.62 1.52 0.00 | 39.19 1.43 0.00 | 42.02 1.36 0.00 | 41.92 1.25 0.00 | 32.51 1.21 0.00 | 46.44 1.94 0.00 | 67.49 3.18 0.00 | 62.39 2.88 0.00 | 46.03 2.04 0.00 | 42.81 2.30 0.00 | 43.42 2.62 0.00 | 41.32 2.76 0.00 | 39.84 2.45 -0.05 | 48.33 2.08 -18.43 | 38.27 1.60 -13.32 | 38.06 2.23 -0.04 | 45.66 2.31 0.00 | 56.62 2.56 0.00 | 59.95 2.60 0.00 | 52.00 2.00 0.00 | 42.42 1.55 0.00 | 39.59 1.44 0.00 | 33.53 1.38 0.00 |
| KINTIGH__24_KV_GSU 356498 | 31.78 -0.06 0.00 | 36.24 0.15 0.00 | 37.89 0.13 0.00 | 40.98 0.31 0.00 | 41.00 0.33 0.00 | 31.97 0.67 0.00 | 45.48 0.99 0.00 | 65.15 0.83 0.00 | 60.77 1.25 0.00 | 45.44 1.45 0.00 | 41.19 1.07 0.38 | 42.03 1.22 0.00 | 39.65 1.09 0.00 | 38.19 0.84 0.00 | 28.35 0.53 0.00 | 23.66 0.31 0.00 | 35.63 -0.15 0.00 | 42.25 -1.09 0.00 | 52.57 -1.49 0.00 | 55.96 -1.39 0.00 | 48.93 -1.07 0.00 | 40.54 -0.33 0.00 | 38.40 0.25 0.00 | 32.51 0.36 0.00 |
| KINTIGH____ 23543 | 31.76 -0.08 0.00 | 36.22 0.12 0.00 | 37.87 0.11 0.00 | 40.95 0.29 0.00 | 40.98 0.32 0.00 | 31.95 0.65 0.00 | 45.44 0.94 0.00 | 65.10 0.78 0.00 | 60.73 1.21 0.00 | 45.43 1.44 0.00 | 41.55 1.04 0.00 | 42.00 1.19 0.00 | 39.63 1.07 0.00 | 38.17 0.82 0.00 | 28.30 0.48 0.00 | 23.62 0.27 0.00 | 35.59 -0.20 0.00 | 42.23 -1.12 0.00 | 52.53 -1.53 0.00 | 55.93 -1.43 0.00 | 48.90 -1.10 0.00 | 40.52 -0.36 0.00 | 38.37 0.22 0.00 | 32.50 0.34 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 31.58 -0.25 0.00 | 36.00 -0.09 0.00 | 38.01 0.24 0.00 | 41.11 0.45 0.00 | 41.51 0.84 0.00 | 31.81 0.52 0.00 | 44.93 0.43 0.00 | 64.56 0.24 0.00 | 59.69 0.17 0.00 | 44.15 0.16 0.00 | 40.75 0.24 0.00 | 40.80 0.00 0.00 | 38.09 -0.47 0.00 | 37.20 -0.14 0.00 | 27.52 -0.30 0.00 | 23.12 -0.23 0.00 | 35.71 -0.08 0.00 | 43.26 -0.08 0.00 | 54.47 0.41 0.00 | 57.49 0.14 0.00 | 50.13 0.13 0.00 | 41.14 0.27 0.00 | 38.38 0.23 0.00 | 32.43 0.28 0.00 |
| LACHUTE____HYDRO 323717 | 34.38 2.54 0.00 | 38.90 2.80 0.00 | 40.63 2.86 0.00 | 43.72 3.06 0.00 | 43.79 3.12 0.00 | 33.72 2.42 0.00 | 49.15 4.65 0.00 | 71.80 7.49 0.00 | 66.23 6.71 0.00 | 48.53 4.54 0.00 | 44.23 3.72 0.00 | 44.61 3.80 0.00 | 41.80 3.24 0.00 | 39.96 2.61 0.00 | 29.87 2.04 0.00 | 25.33 1.98 0.00 | 39.05 3.27 0.00 | 48.00 4.66 0.00 | 60.24 6.18 0.00 | 63.67 6.31 0.00 | 55.34 5.34 0.00 | 45.07 4.20 0.00 | 41.63 3.48 0.00 | 34.50 2.35 0.00 |
| LAWRNCV_115KV_TB1 80681 | 32.45 0.62 0.00 | 36.74 0.65 0.00 | 38.45 0.69 0.00 | 41.47 0.81 0.00 | 41.62 0.95 0.00 | 32.05 0.75 0.00 | 45.04 0.55 0.00 | 65.03 0.72 0.00 | 60.00 0.48 0.00 | 44.54 0.54 0.00 | 40.75 0.24 0.00 | 40.58 -0.23 0.00 | 38.19 -0.37 0.00 | 37.37 0.03 0.00 | 27.80 -0.02 0.00 | 23.38 0.03 0.00 | 36.01 0.22 0.00 | 43.71 0.36 0.00 | 54.84 0.78 0.00 | 58.27 0.91 0.00 | 51.02 1.01 0.00 | 41.78 0.91 0.00 | 38.99 0.84 0.00 | 32.82 0.66 0.00 |
| LEDERLE____ 23769 | 33.24 1.40 0.00 | 37.65 1.55 0.00 | 39.26 1.50 0.00 | 42.18 1.52 0.00 | 42.11 1.44 0.00 | 32.68 1.39 0.00 | 47.02 2.52 0.00 | 68.16 3.85 0.00 | 63.04 3.53 0.00 | 46.39 2.39 0.00 | 43.03 2.52 0.00 | 43.57 2.77 0.00 | 41.40 2.84 0.00 | 39.77 2.42 0.00 | 30.26 1.88 -0.55 | 25.22 1.47 -0.40 | 38.04 2.25 0.00 | 45.86 2.51 0.00 | 57.07 3.01 0.00 | 60.43 3.08 0.00 | 52.36 2.36 0.00 | 42.71 1.84 0.00 | 39.82 1.67 0.00 | 33.58 1.43 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 31.75 -0.09 0.00 | 35.85 -0.24 0.00 | 37.32 -0.45 0.00 | 40.34 -0.32 0.00 | 40.41 -0.26 0.00 | 31.30 0.00 0.00 | 44.62 0.12 0.00 | 64.53 0.22 0.00 | 59.78 0.26 0.00 | 43.97 -0.03 0.00 | 40.32 -0.19 0.00 | 40.25 -0.55 0.00 | 37.76 -0.80 0.00 | 36.29 -1.06 0.00 | 27.01 -0.82 0.00 | 22.72 -0.63 0.00 | 34.98 -0.81 0.00 | 42.96 -0.39 0.00 | 54.01 -0.05 0.00 | 57.38 0.03 0.00 | 49.77 -0.23 0.00 | 40.83 -0.04 0.00 | 38.21 0.05 0.00 | 32.04 -0.12 0.00 |
| LINDEN COGEN____ 23786 | 33.25 1.41 0.00 | 37.64 1.54 0.00 | 39.15 1.39 0.00 | 41.97 1.31 0.00 | 41.87 1.20 0.00 | 32.47 1.17 0.00 | 46.47 1.98 0.00 | 67.34 3.02 0.00 | 62.34 2.83 0.00 | 46.03 2.03 0.00 | 42.79 2.28 0.00 | 43.38 2.58 0.00 | 41.31 2.74 0.00 | 39.83 2.44 -0.05 | 48.20 1.95 -18.43 | 38.17 1.51 -13.32 | 37.99 2.16 -0.04 | 45.64 2.29 0.00 | 56.57 2.51 0.00 | 59.86 2.51 0.00 | 51.96 1.95 0.00 | 42.43 1.56 0.00 | 39.60 1.44 0.00 | 33.51 1.36 0.00 |
| LINDHRST_69_KV_BK1 356055 | 34.47 1.89 -0.74 | 42.44 2.20 -4.15 | 39.90 2.14 0.00 | 42.81 2.14 0.00 | 42.44 1.77 0.00 | 32.60 1.30 0.00 | 46.50 2.00 0.00 | 66.27 2.61 0.65 | 60.58 2.89 1.82 | 46.16 2.18 0.01 | 44.45 2.76 -1.18 | 45.15 3.14 -1.21 | 50.89 3.19 -9.14 | 46.44 2.57 -6.52 | 34.47 2.11 -4.53 | 39.09 1.65 -14.09 | 37.93 2.20 0.05 | 44.68 2.38 1.04 | 54.96 2.16 1.26 | 58.26 2.29 1.38 | 50.99 2.10 1.11 | 42.04 1.89 0.71 | 39.94 1.79 0.00 | 33.88 1.72 0.00 |
| LIPA_MISC_IPP 23656 | 33.94 1.47 -0.63 | 41.32 1.71 -3.52 | 39.42 1.66 0.00 | 42.34 1.68 0.00 | 41.98 1.31 0.00 | 32.16 0.87 0.00 | 45.67 1.17 0.00 | 64.58 1.25 0.99 | 57.78 1.49 3.22 | 45.22 1.25 0.02 | 43.55 2.05 -0.99 | 44.20 2.37 -1.03 | 48.88 2.58 -7.74 | 44.77 1.90 -5.52 | 33.08 1.62 -3.64 | 36.48 1.34 -11.79 | 37.38 1.69 0.10 | 42.72 1.39 2.01 | 52.34 0.72 2.44 | 55.39 0.71 2.68 | 48.53 0.67 2.15 | 40.47 0.98 1.38 | 39.23 1.08 0.00 | 33.28 1.13 0.00 |
| LISF____SOLAR 323691 | 33.99 1.53 -0.63 | 41.39 1.76 -3.53 | 39.47 1.71 0.00 | 42.39 1.73 0.00 | 42.04 1.37 0.00 | 32.21 0.91 0.00 | 45.75 1.25 0.00 | 64.64 1.37 1.04 | 57.68 1.57 3.40 | 45.29 1.32 0.02 | 43.61 2.10 -1.00 | 44.23 2.40 -1.03 | 48.96 2.64 -7.76 | 44.83 1.95 -5.54 | 33.10 1.63 -3.65 | 36.53 1.36 -11.82 | 37.42 1.73 0.10 | 42.69 1.47 2.13 | 52.31 0.84 2.58 | 55.37 0.84 2.83 | 48.50 0.77 2.27 | 40.48 1.06 1.46 | 39.31 1.16 0.00 | 33.35 1.19 0.00 |
| LITTLE FALLS____HYD 24013 | 33.61 1.78 0.00 | 38.17 2.07 0.00 | 39.84 2.08 0.00 | 42.90 2.24 0.00 | 42.85 2.18 0.00 | 33.12 1.82 0.00 | 47.85 3.35 0.00 | 69.39 5.08 0.00 | 63.40 3.89 0.00 | 46.71 2.72 0.00 | 42.68 2.17 0.00 | 42.48 1.68 0.00 | 39.86 1.30 0.00 | 38.31 0.96 0.00 | 28.49 0.67 0.00 | 23.88 0.53 0.00 | 36.75 0.96 0.00 | 45.57 2.22 0.00 | 57.46 3.40 0.00 | 61.05 3.70 0.00 | 53.15 3.14 0.00 | 43.52 2.65 0.00 | 40.43 2.28 0.00 | 33.96 1.80 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 32.88 1.05 0.00 | 37.22 1.13 0.00 | 38.96 1.20 0.00 | 42.02 1.36 0.00 | 42.21 1.54 0.00 | 32.53 1.23 0.00 | 45.77 1.27 0.00 | 66.09 1.78 0.00 | 60.75 1.23 0.00 | 45.02 1.03 0.00 | 41.04 0.53 0.00 | 40.64 -0.16 0.00 | 38.25 -0.31 0.00 | 37.48 0.14 0.00 | 27.88 0.06 0.00 | 23.44 0.09 0.00 | 36.14 0.35 0.00 | 43.99 0.65 0.00 | 55.71 1.66 0.00 | 59.25 1.90 0.00 | 51.88 1.88 0.00 | 42.43 1.56 0.00 | 39.57 1.42 0.00 | 33.27 1.12 0.00 |
| LI_NEWBRDGE___DRP 323616 | 33.95 1.53 -0.59 | 41.11 1.73 -3.29 | 39.42 1.66 0.00 | 42.31 1.65 0.00 | 41.98 1.31 0.00 | 32.29 0.99 0.00 | 46.03 1.53 0.00 | 66.40 2.09 0.00 | 61.82 2.31 0.00 | 45.70 1.71 0.00 | 43.72 2.28 -0.93 | 44.37 2.61 -0.96 | 48.46 2.67 -7.23 | 44.67 2.17 -5.16 | 32.99 1.85 -3.31 | 35.73 1.43 -10.95 | 37.63 1.84 0.00 | 45.22 1.87 0.00 | 55.74 1.68 0.00 | 59.14 1.79 0.00 | 51.54 1.53 0.00 | 42.22 1.35 0.00 | 39.48 1.33 0.00 | 33.48 1.32 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 31.79 -0.04 0.00 | 36.29 0.19 0.00 | 37.92 0.16 0.00 | 41.05 0.39 0.00 | 41.07 0.40 0.00 | 32.09 0.79 0.00 | 45.59 1.09 0.00 | 65.10 0.79 0.00 | 60.74 1.22 0.00 | 45.54 1.55 0.00 | 41.48 0.97 0.00 | 41.90 1.10 0.00 | 39.58 1.01 0.00 | 38.02 0.68 0.00 | 28.17 0.34 0.00 | 23.55 0.20 0.00 | 35.43 -0.36 0.00 | 41.80 -1.54 0.00 | 52.13 -1.93 0.00 | 55.57 -1.78 0.00 | 48.66 -1.34 0.00 | 40.43 -0.45 0.00 | 38.37 0.22 0.00 | 32.60 0.45 0.00 |
| LOCKPORT___CC1 323769 | 31.77 -0.06 0.00 | 36.26 0.16 0.00 | 37.90 0.14 0.00 | 41.03 0.37 0.00 | 41.03 0.36 0.00 | 32.07 0.77 0.00 | 45.57 1.08 0.00 | 65.07 0.76 0.00 | 60.72 1.21 0.00 | 45.52 1.53 0.00 | 41.12 0.99 0.38 | 41.92 1.12 0.00 | 39.59 1.03 0.00 | 38.04 0.70 0.00 | 28.22 0.39 0.00 | 23.59 0.24 0.00 | 35.46 -0.32 0.00 | 41.83 -1.51 0.00 | 52.12 -1.94 0.00 | 55.54 -1.81 0.00 | 48.65 -1.36 0.00 | 40.42 -0.45 0.00 | 38.38 0.23 0.00 | 32.56 0.41 0.00 |
| LOCKPORT___CC2 323770 | 31.77 -0.06 0.00 | 36.26 0.16 0.00 | 37.90 0.14 0.00 | 41.03 0.37 0.00 | 41.03 0.36 0.00 | 32.07 0.77 0.00 | 45.57 1.08 0.00 | 65.07 0.76 0.00 | 60.72 1.21 0.00 | 45.52 1.53 0.00 | 41.12 0.99 0.38 | 41.92 1.12 0.00 | 39.59 1.03 0.00 | 38.04 0.70 0.00 | 28.22 0.39 0.00 | 23.59 0.24 0.00 | 35.46 -0.32 0.00 | 41.83 -1.51 0.00 | 52.12 -1.94 0.00 | 55.54 -1.81 0.00 | 48.65 -1.36 0.00 | 40.42 -0.45 0.00 | 38.38 0.23 0.00 | 32.56 0.41 0.00 |
| LOCKPORT___CC3 323771 | 31.77 -0.06 0.00 | 36.26 0.16 0.00 | 37.90 0.14 0.00 | 41.03 0.37 0.00 | 41.03 0.36 0.00 | 32.07 0.77 0.00 | 45.57 1.08 0.00 | 65.07 0.76 0.00 | 60.72 1.21 0.00 | 45.52 1.53 0.00 | 41.12 0.99 0.38 | 41.92 1.12 0.00 | 39.59 1.03 0.00 | 38.04 0.70 0.00 | 28.22 0.39 0.00 | 23.59 0.24 0.00 | 35.46 -0.32 0.00 | 41.83 -1.51 0.00 | 52.12 -1.94 0.00 | 55.54 -1.81 0.00 | 48.65 -1.36 0.00 | 40.42 -0.45 0.00 | 38.38 0.23 0.00 | 32.56 0.41 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 34.50 1.69 -0.98 | 43.50 1.92 -5.48 | 39.61 1.84 0.00 | 42.51 1.85 0.00 | 42.21 1.54 0.00 | 32.50 1.20 0.00 | 46.41 1.91 0.00 | 67.05 2.74 0.00 | 62.42 2.91 0.00 | 46.11 2.11 0.00 | 44.63 2.57 -1.55 | 45.30 2.90 -1.60 | 53.60 2.98 -12.07 | 48.40 2.45 -8.61 | 36.26 2.04 -6.39 | 43.84 1.60 -18.90 | 37.94 2.15 0.00 | 45.67 2.33 0.00 | 56.46 2.40 0.00 | 59.80 2.45 0.00 | 52.06 2.06 0.00 | 42.58 1.71 0.00 | 39.77 1.62 0.00 | 33.70 1.54 0.00 |
| LONG_LAKE_PHOENIX 24014 | 31.20 -0.64 0.00 | 35.37 -0.72 0.00 | 36.97 -0.79 0.00 | 39.84 -0.83 0.00 | 39.85 -0.82 0.00 | 30.79 -0.51 0.00 | 43.96 -0.54 0.00 | 63.59 -0.73 0.00 | 58.88 -0.63 0.00 | 43.49 -0.50 0.00 | 40.01 -0.50 0.00 | 40.30 -0.51 0.00 | 37.92 -0.64 0.00 | 36.54 -0.81 0.00 | 27.18 -0.65 0.00 | 22.84 -0.51 0.00 | 35.05 -0.74 0.00 | 42.48 -0.87 0.00 | 53.10 -0.96 0.00 | 56.42 -0.94 0.00 | 49.12 -0.89 0.00 | 40.23 -0.64 0.00 | 37.60 -0.55 0.00 | 31.66 -0.50 0.00 |
| LOVETT___3 23632 | 33.06 1.22 0.00 | 37.45 1.36 0.00 | 39.05 1.29 0.00 | 41.95 1.29 0.00 | 41.86 1.19 0.00 | 32.37 1.07 0.00 | 46.48 1.98 0.00 | 67.35 3.03 0.00 | 62.30 2.79 0.00 | 45.86 1.87 0.00 | 42.57 2.06 0.00 | 43.11 2.31 0.00 | 40.97 2.41 0.00 | 39.38 2.04 0.00 | 29.97 1.58 -0.56 | 24.98 1.23 -0.40 | 37.61 1.82 0.00 | 45.39 2.04 0.00 | 56.58 2.52 0.00 | 59.90 2.55 0.00 | 51.95 1.94 0.00 | 42.39 1.52 0.00 | 39.55 1.40 0.00 | 33.38 1.22 0.00 |
| LOVETT___4 23642 | 33.06 1.22 0.00 | 37.45 1.36 0.00 | 39.05 1.29 0.00 | 41.95 1.29 0.00 | 41.86 1.19 0.00 | 32.37 1.07 0.00 | 46.48 1.98 0.00 | 67.35 3.03 0.00 | 62.30 2.79 0.00 | 45.86 1.87 0.00 | 42.57 2.06 0.00 | 43.11 2.31 0.00 | 40.97 2.41 0.00 | 39.38 2.04 0.00 | 29.97 1.58 -0.56 | 24.98 1.23 -0.40 | 37.61 1.82 0.00 | 45.39 2.04 0.00 | 56.58 2.52 0.00 | 59.90 2.55 0.00 | 51.95 1.94 0.00 | 42.39 1.52 0.00 | 39.55 1.40 0.00 | 33.38 1.22 0.00 |
| LOVETT___5 23593 | 33.06 1.22 0.00 | 37.45 1.36 0.00 | 39.05 1.29 0.00 | 41.95 1.29 0.00 | 41.86 1.19 0.00 | 32.37 1.07 0.00 | 46.48 1.98 0.00 | 67.35 3.03 0.00 | 62.30 2.79 0.00 | 45.86 1.87 0.00 | 42.57 2.06 0.00 | 43.11 2.31 0.00 | 40.97 2.41 0.00 | 39.38 2.04 0.00 | 29.97 1.58 -0.56 | 24.98 1.23 -0.40 | 37.61 1.82 0.00 | 45.39 2.04 0.00 | 56.58 2.52 0.00 | 59.90 2.55 0.00 | 51.95 1.94 0.00 | 42.39 1.52 0.00 | 39.55 1.40 0.00 | 33.38 1.22 0.00 |
| LOWER RAQUET___HYD 24057 | 32.52 0.69 0.00 | 36.81 0.71 0.00 | 38.51 0.75 0.00 | 41.55 0.89 0.00 | 41.73 1.06 0.00 | 32.14 0.84 0.00 | 45.14 0.64 0.00 | 65.20 0.89 0.00 | 60.12 0.61 0.00 | 44.65 0.65 0.00 | 40.81 0.30 0.00 | 40.54 -0.26 0.00 | 38.14 -0.43 0.00 | 37.30 -0.05 0.00 | 27.75 -0.08 0.00 | 23.33 -0.02 0.00 | 35.97 0.18 0.00 | 43.70 0.36 0.00 | 54.91 0.85 0.00 | 58.35 0.99 0.00 | 51.14 1.14 0.00 | 41.91 1.04 0.00 | 39.11 0.96 0.00 | 32.89 0.74 0.00 |
| LOWER___HUDSON 24059 | 32.40 0.56 0.00 | 36.74 0.65 0.00 | 38.43 0.67 0.00 | 41.32 0.65 0.00 | 41.28 0.61 0.00 | 31.81 0.51 0.00 | 45.67 1.17 0.00 | 66.12 1.81 0.00 | 61.18 1.67 0.00 | 45.21 1.21 0.00 | 41.73 1.23 0.00 | 42.08 1.27 0.00 | 39.82 1.26 0.00 | 38.22 0.87 0.00 | 28.53 0.71 0.00 | 23.91 0.56 0.00 | 36.67 0.88 0.00 | 44.50 1.15 0.00 | 55.45 1.39 0.00 | 58.68 1.33 0.00 | 51.18 1.17 0.00 | 41.80 0.93 0.00 | 38.89 0.74 0.00 | 32.72 0.57 0.00 |
| LOWVILLE_115KV_TB2 356335 | 32.70 0.87 0.00 | 36.76 0.66 0.00 | 38.12 0.36 0.00 | 41.31 0.65 0.00 | 41.46 0.79 0.00 | 32.15 0.85 0.00 | 45.76 1.27 0.00 | 66.13 1.81 0.00 | 61.03 1.52 0.00 | 45.03 1.03 0.00 | 41.10 0.59 0.00 | 40.65 -0.15 0.00 | 37.90 -0.66 0.00 | 36.33 -1.01 0.00 | 27.11 -0.72 0.00 | 22.85 -0.50 0.00 | 35.52 -0.26 0.00 | 44.07 0.72 0.00 | 55.86 1.80 0.00 | 59.33 1.98 0.00 | 51.21 1.21 0.00 | 41.71 0.84 0.00 | 39.07 0.92 0.00 | 32.64 0.48 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 32.83 1.00 0.00 | 37.23 1.14 0.00 | 38.93 1.17 0.00 | 41.87 1.21 0.00 | 41.86 1.19 0.00 | 32.27 0.97 0.00 | 46.40 1.90 0.00 | 67.18 2.87 0.00 | 62.11 2.59 0.00 | 45.89 1.90 0.00 | 42.29 1.78 0.00 | 42.60 1.79 0.00 | 40.17 1.61 0.00 | 38.47 1.13 0.00 | 28.70 0.88 0.00 | 24.12 0.77 0.00 | 37.08 1.29 0.00 | 45.18 1.84 0.00 | 56.40 2.34 0.00 | 59.71 2.36 0.00 | 52.01 2.01 0.00 | 42.47 1.60 0.00 | 39.50 1.35 0.00 | 33.18 1.02 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 32.83 1.00 0.00 | 37.24 1.15 0.00 | 38.93 1.17 0.00 | 41.86 1.19 0.00 | 41.86 1.19 0.00 | 32.28 0.98 0.00 | 46.50 2.00 0.00 | 67.24 2.93 0.00 | 62.16 2.65 0.00 | 45.93 1.94 0.00 | 42.32 1.81 0.00 | 42.61 1.81 0.00 | 40.20 1.64 0.00 | 38.48 1.13 0.00 | 28.71 0.88 0.00 | 24.13 0.79 0.00 | 37.10 1.31 0.00 | 45.23 1.89 0.00 | 56.43 2.37 0.00 | 59.73 2.38 0.00 | 52.01 2.01 0.00 | 42.49 1.62 0.00 | 39.52 1.37 0.00 | 33.19 1.04 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 32.61 0.77 0.00 | 36.77 0.67 0.00 | 38.29 0.53 0.00 | 41.42 0.76 0.00 | 41.59 0.92 0.00 | 32.13 0.83 0.00 | 45.40 0.90 0.00 | 65.62 1.31 0.00 | 60.52 1.01 0.00 | 44.72 0.73 0.00 | 40.84 0.33 0.00 | 40.44 -0.36 0.00 | 37.85 -0.71 0.00 | 36.63 -0.71 0.00 | 27.28 -0.54 0.00 | 22.97 -0.38 0.00 | 35.63 -0.16 0.00 | 43.83 0.49 0.00 | 55.34 1.28 0.00 | 58.81 1.46 0.00 | 51.20 1.20 0.00 | 41.85 0.98 0.00 | 39.13 0.97 0.00 | 32.78 0.63 0.00 |
| LYONS_FALL_HYD 23570 | 32.63 0.80 0.00 | 36.79 0.70 0.00 | 38.28 0.52 0.00 | 41.38 0.72 0.00 | 41.48 0.81 0.00 | 32.12 0.82 0.00 | 45.83 1.33 0.00 | 66.25 1.93 0.00 | 61.14 1.63 0.00 | 45.16 1.17 0.00 | 41.28 0.77 0.00 | 41.12 0.32 0.00 | 38.45 -0.11 0.00 | 36.90 -0.44 0.00 | 27.52 -0.31 0.00 | 23.16 -0.19 0.00 | 35.90 0.11 0.00 | 44.23 0.88 0.00 | 55.78 1.72 0.00 | 59.23 1.88 0.00 | 51.28 1.28 0.00 | 41.83 0.95 0.00 | 39.09 0.93 0.00 | 32.73 0.57 0.00 |
| MADISON___COUNTY_LFGE 323628 | 32.60 0.77 0.00 | 36.95 0.86 0.00 | 38.60 0.84 0.00 | 41.64 0.98 0.00 | 41.67 1.01 0.00 | 32.26 0.96 0.00 | 46.20 1.70 0.00 | 66.85 2.54 0.00 | 61.74 2.23 0.00 | 45.65 1.65 0.00 | 41.77 1.26 0.00 | 41.95 1.15 0.00 | 39.29 0.73 0.00 | 37.68 0.34 0.00 | 28.06 0.24 0.00 | 23.55 0.20 0.00 | 36.36 0.57 0.00 | 44.50 1.15 0.00 | 55.80 1.74 0.00 | 59.23 1.88 0.00 | 51.50 1.50 0.00 | 42.09 1.22 0.00 | 39.26 1.10 0.00 | 32.98 0.83 0.00 |
| MALONE___115KV_TB1 356076 | 31.92 0.09 0.00 | 36.31 0.21 0.00 | 38.25 0.49 0.00 | 41.31 0.64 0.00 | 41.57 0.90 0.00 | 31.94 0.64 0.00 | 45.01 0.51 0.00 | 64.91 0.60 0.00 | 60.03 0.51 0.00 | 44.56 0.56 0.00 | 40.90 0.39 0.00 | 40.81 0.01 0.00 | 38.27 -0.29 0.00 | 37.48 0.13 0.00 | 27.74 -0.08 0.00 | 23.27 -0.07 0.00 | 35.85 0.06 0.00 | 43.52 0.18 0.00 | 54.83 0.78 0.00 | 58.07 0.72 0.00 | 50.74 0.73 0.00 | 41.56 0.69 0.00 | 38.77 0.62 0.00 | 32.73 0.57 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 32.27 0.43 0.00 | 36.63 0.53 0.00 | 38.32 0.56 0.00 | 41.18 0.51 0.00 | 41.13 0.46 0.00 | 31.69 0.39 0.00 | 45.47 0.97 0.00 | 65.84 1.53 0.00 | 60.98 1.46 0.00 | 45.07 1.07 0.00 | 41.66 1.15 0.00 | 41.98 1.18 0.00 | 39.77 1.21 0.00 | 38.18 0.83 0.00 | 28.56 0.73 0.00 | 23.87 0.52 0.00 | 36.55 0.76 0.00 | 44.33 0.98 0.00 | 55.19 1.13 0.00 | 58.42 1.07 0.00 | 50.96 0.96 0.00 | 41.63 0.76 0.00 | 38.75 0.60 0.00 | 32.66 0.50 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 31.69 -0.14 0.00 | 35.85 -0.25 0.00 | 37.42 -0.34 0.00 | 40.24 -0.42 0.00 | 40.27 -0.41 0.00 | 31.03 -0.27 0.00 | 43.91 -0.58 0.00 | 63.36 -0.95 0.00 | 58.57 -0.94 0.00 | 43.38 -0.62 0.00 | 40.05 -0.46 0.00 | 40.32 -0.48 0.00 | 38.03 -0.53 0.00 | 36.85 -0.49 0.00 | 27.50 -0.33 0.00 | 23.12 -0.23 0.00 | 35.52 -0.26 0.00 | 43.12 -0.23 0.00 | 53.86 -0.19 0.00 | 57.07 -0.29 0.00 | 49.68 -0.33 0.00 | 40.47 -0.40 0.00 | 37.78 -0.37 0.00 | 31.83 -0.32 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 31.69 -0.14 0.00 | 35.85 -0.25 0.00 | 37.42 -0.34 0.00 | 40.24 -0.42 0.00 | 40.27 -0.41 0.00 | 31.03 -0.27 0.00 | 43.91 -0.58 0.00 | 63.36 -0.95 0.00 | 58.57 -0.94 0.00 | 43.38 -0.62 0.00 | 40.05 -0.46 0.00 | 40.32 -0.48 0.00 | 38.03 -0.53 0.00 | 36.85 -0.49 0.00 | 27.50 -0.33 0.00 | 23.12 -0.23 0.00 | 35.52 -0.26 0.00 | 43.12 -0.23 0.00 | 53.86 -0.19 0.00 | 57.07 -0.29 0.00 | 49.68 -0.33 0.00 | 40.47 -0.40 0.00 | 37.78 -0.37 0.00 | 31.83 -0.32 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 30.90 -0.93 0.00 | 35.42 -0.68 0.00 | 37.57 -0.20 0.00 | 40.75 0.09 0.00 | 41.31 0.64 0.00 | 31.59 0.30 0.00 | 44.52 0.02 0.00 | 63.89 -0.42 0.00 | 59.19 -0.32 0.00 | 43.86 -0.13 0.00 | 40.53 0.02 0.00 | 40.65 -0.15 0.00 | 37.81 -0.75 0.00 | 36.85 -0.49 0.00 | 27.17 -0.65 0.00 | 22.76 -0.59 0.00 | 35.15 -0.64 0.00 | 42.64 -0.70 0.00 | 53.81 -0.25 0.00 | 56.53 -0.82 0.00 | 49.24 -0.77 0.00 | 40.47 -0.40 0.00 | 37.86 -0.29 0.00 | 32.07 -0.08 0.00 |
| MARSHVLE_115KV_TB1 80742 | 32.34 0.51 0.00 | 36.63 0.54 0.00 | 38.31 0.55 0.00 | 41.26 0.60 0.00 | 41.31 0.64 0.00 | 31.91 0.61 0.00 | 45.49 0.99 0.00 | 65.86 1.54 0.00 | 60.65 1.14 0.00 | 44.61 0.61 0.00 | 40.93 0.42 0.00 | 40.63 -0.17 0.00 | 38.15 -0.41 0.00 | 37.03 -0.31 0.00 | 27.58 -0.25 0.00 | 23.11 -0.24 0.00 | 35.56 -0.23 0.00 | 43.78 0.43 0.00 | 54.91 0.85 0.00 | 58.35 1.00 0.00 | 50.79 0.79 0.00 | 41.54 0.67 0.00 | 38.75 0.59 0.00 | 32.56 0.40 0.00 |
| MARSH_HILL_WT_PWR 323713 | 30.97 -0.87 0.00 | 35.39 -0.71 0.00 | 37.04 -0.73 0.00 | 40.56 -0.10 0.00 | 40.45 -0.22 0.00 | 31.61 0.31 0.00 | 45.70 1.20 0.00 | 65.64 1.33 0.00 | 60.84 1.32 0.00 | 44.89 0.90 0.00 | 41.29 0.47 -0.32 | 41.41 0.61 0.00 | 38.81 0.25 0.00 | 36.91 -0.43 0.00 | 27.20 -0.62 0.00 | 22.62 -0.73 0.00 | 34.72 -1.07 0.00 | 42.15 -1.19 0.00 | 52.92 -1.14 0.00 | 56.72 -0.63 0.00 | 49.17 -0.83 0.00 | 40.57 -0.31 0.00 | 38.10 -0.05 0.00 | 31.77 -0.38 0.00 |
| MCINTYRE_115KV_TB2 80467 | 33.00 1.17 0.00 | 37.38 1.28 0.00 | 39.12 1.35 0.00 | 42.16 1.50 0.00 | 42.34 1.68 0.00 | 32.62 1.33 0.00 | 45.94 1.44 0.00 | 66.32 2.01 0.00 | 60.84 1.33 0.00 | 45.08 1.08 0.00 | 40.97 0.46 0.00 | 40.66 -0.14 0.00 | 38.32 -0.24 0.00 | 37.64 0.30 0.00 | 28.02 0.19 0.00 | 23.55 0.20 0.00 | 36.26 0.47 0.00 | 44.08 0.73 0.00 | 56.03 1.97 0.00 | 59.60 2.25 0.00 | 52.13 2.12 0.00 | 42.58 1.70 0.00 | 39.69 1.54 0.00 | 33.39 1.24 0.00 |
| MECO_____69_KV_BK1 80468 | 32.97 1.14 0.00 | 37.34 1.25 0.00 | 39.06 1.29 0.00 | 42.03 1.38 0.00 | 42.09 1.42 0.00 | 32.53 1.24 0.00 | 46.59 2.09 0.00 | 67.58 3.27 0.00 | 62.06 2.55 0.00 | 45.33 1.34 0.00 | 41.48 0.97 0.00 | 40.91 0.11 0.00 | 38.41 -0.15 0.00 | 37.39 0.04 0.00 | 27.81 -0.02 0.00 | 23.27 -0.07 0.00 | 35.94 0.15 0.00 | 44.77 1.42 0.00 | 56.45 2.39 0.00 | 59.98 2.63 0.00 | 52.19 2.19 0.00 | 42.61 1.74 0.00 | 39.67 1.52 0.00 | 33.26 1.11 0.00 |
| MENANDS___115KV_TB5 355628 | 32.07 0.24 0.00 | 36.41 0.32 0.00 | 38.11 0.35 0.00 | 40.94 0.28 0.00 | 40.89 0.22 0.00 | 31.50 0.20 0.00 | 45.18 0.68 0.00 | 65.43 1.11 0.00 | 60.58 1.07 0.00 | 44.79 0.79 0.00 | 41.41 0.90 0.00 | 41.74 0.94 0.00 | 39.58 1.01 0.00 | 38.02 0.67 0.00 | 28.43 0.61 0.00 | 23.77 0.42 0.00 | 36.39 0.60 0.00 | 44.05 0.71 0.00 | 54.82 0.76 0.00 | 58.01 0.66 0.00 | 50.61 0.60 0.00 | 41.35 0.48 0.00 | 38.49 0.34 0.00 | 32.47 0.31 0.00 |
| MG INDUSTRY___DRP 24185 | 32.13 0.30 0.00 | 36.55 0.46 0.00 | 38.31 0.55 0.00 | 41.17 0.51 0.00 | 41.12 0.45 0.00 | 31.63 0.33 0.00 | 45.30 0.80 0.00 | 65.51 1.20 0.00 | 60.64 1.13 0.00 | 44.82 0.83 0.00 | 41.41 0.90 0.00 | 41.71 0.91 0.00 | 39.46 0.90 0.00 | 37.97 0.63 0.00 | 28.33 0.51 0.00 | 23.72 0.37 0.00 | 36.36 0.57 0.00 | 44.03 0.69 0.00 | 54.87 0.81 0.00 | 58.10 0.75 0.00 | 50.72 0.71 0.00 | 41.47 0.60 0.00 | 38.64 0.48 0.00 | 32.59 0.44 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 32.61 0.77 0.00 | 36.77 0.67 0.00 | 38.29 0.53 0.00 | 41.42 0.76 0.00 | 41.59 0.92 0.00 | 32.13 0.83 0.00 | 45.40 0.90 0.00 | 65.62 1.31 0.00 | 60.52 1.01 0.00 | 44.72 0.73 0.00 | 40.84 0.33 0.00 | 40.44 -0.36 0.00 | 37.85 -0.71 0.00 | 36.63 -0.71 0.00 | 27.28 -0.54 0.00 | 22.97 -0.38 0.00 | 35.63 -0.16 0.00 | 43.83 0.49 0.00 | 55.34 1.28 0.00 | 58.81 1.46 0.00 | 51.20 1.20 0.00 | 41.85 0.98 0.00 | 39.13 0.97 0.00 | 32.78 0.63 0.00 |
| MID___RAQUETTE_HYD 23851 | 32.52 0.69 0.00 | 36.81 0.71 0.00 | 38.51 0.75 0.00 | 41.55 0.89 0.00 | 41.73 1.06 0.00 | 32.14 0.84 0.00 | 45.15 0.65 0.00 | 65.20 0.89 0.00 | 60.12 0.61 0.00 | 44.64 0.65 0.00 | 40.81 0.30 0.00 | 40.54 -0.26 0.00 | 38.14 -0.43 0.00 | 37.30 -0.05 0.00 | 27.75 -0.08 0.00 | 23.33 -0.01 0.00 | 35.97 0.18 0.00 | 43.70 0.36 0.00 | 54.91 0.85 0.00 | 58.35 1.00 0.00 | 51.14 1.14 0.00 | 41.91 1.04 0.00 | 39.11 0.96 0.00 | 32.89 0.74 0.00 |
| MILLIKEN___1 23584 | 32.31 0.48 0.00 | 36.70 0.60 0.00 | 38.33 0.57 0.00 | 41.37 0.71 0.00 | 41.36 0.69 0.00 | 31.98 0.68 0.00 | 45.84 1.34 0.00 | 66.31 2.00 0.00 | 61.33 1.81 0.00 | 45.20 1.21 0.00 | 41.43 0.92 0.00 | 41.74 0.94 0.00 | 39.22 0.66 0.00 | 37.59 0.25 0.00 | 27.85 0.02 0.00 | 23.30 -0.05 0.00 | 35.85 0.06 0.00 | 43.76 0.41 0.00 | 55.03 0.97 0.00 | 58.67 1.32 0.00 | 50.92 0.91 0.00 | 41.74 0.87 0.00 | 38.96 0.81 0.00 | 32.81 0.66 0.00 |
| MILLIKEN___2 23585 | 32.31 0.48 0.00 | 36.70 0.60 0.00 | 38.33 0.57 0.00 | 41.37 0.71 0.00 | 41.36 0.69 0.00 | 31.98 0.68 0.00 | 45.84 1.34 0.00 | 66.31 2.00 0.00 | 61.33 1.81 0.00 | 45.20 1.21 0.00 | 41.43 0.92 0.00 | 41.74 0.94 0.00 | 39.22 0.66 0.00 | 37.59 0.25 0.00 | 27.85 0.02 0.00 | 23.30 -0.05 0.00 | 35.85 0.06 0.00 | 43.76 0.41 0.00 | 55.03 0.97 0.00 | 58.67 1.32 0.00 | 50.92 0.91 0.00 | 41.74 0.87 0.00 | 38.96 0.81 0.00 | 32.81 0.66 0.00 |
| MILLIKEN___DIESEL 23629 | 32.31 0.48 0.00 | 36.70 0.60 0.00 | 38.33 0.57 0.00 | 41.37 0.71 0.00 | 41.36 0.69 0.00 | 31.98 0.68 0.00 | 45.84 1.34 0.00 | 66.31 2.00 0.00 | 61.33 1.81 0.00 | 45.20 1.21 0.00 | 41.43 0.92 0.00 | 41.74 0.94 0.00 | 39.22 0.66 0.00 | 37.59 0.25 0.00 | 27.85 0.02 0.00 | 23.30 -0.05 0.00 | 35.85 0.06 0.00 | 43.76 0.41 0.00 | 55.03 0.97 0.00 | 58.67 1.32 0.00 | 50.92 0.91 0.00 | 41.74 0.87 0.00 | 38.96 0.81 0.00 | 32.81 0.66 0.00 |
| MILLSEAT___LFGE 323607 | 32.29 0.45 0.00 | 36.78 0.68 0.00 | 38.44 0.68 0.00 | 41.58 0.92 0.00 | 41.61 0.94 0.00 | 32.52 1.22 0.00 | 46.36 1.87 0.00 | 66.44 2.13 0.00 | 61.94 2.43 0.00 | 46.27 2.27 0.00 | 41.64 1.47 0.34 | 42.22 1.42 0.00 | 39.94 1.37 0.00 | 38.23 0.88 0.00 | 28.34 0.52 0.00 | 23.82 0.47 0.00 | 36.04 0.25 0.00 | 42.63 -0.72 0.00 | 53.46 -0.60 0.00 | 57.05 -0.31 0.00 | 49.88 -0.12 0.00 | 41.29 0.42 0.00 | 39.06 0.91 0.00 | 33.09 0.94 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 33.10 1.26 0.00 | 37.51 1.41 0.00 | 39.09 1.33 0.00 | 41.98 1.32 0.00 | 41.88 1.22 0.00 | 32.40 1.10 0.00 | 46.48 1.98 0.00 | 67.34 3.03 0.00 | 62.32 2.81 0.00 | 45.93 1.94 0.00 | 42.63 2.12 0.00 | 43.18 2.38 0.00 | 41.03 2.47 0.00 | 39.44 2.09 0.00 | 30.07 1.65 -0.59 | 25.06 1.28 -0.43 | 37.68 1.89 0.00 | 45.43 2.08 0.00 | 56.50 2.44 0.00 | 59.84 2.49 0.00 | 51.95 1.95 0.00 | 42.42 1.55 0.00 | 39.57 1.42 0.00 | 33.41 1.25 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 33.16 1.33 0.00 | 37.59 1.49 0.00 | 39.17 1.41 0.00 | 42.07 1.41 0.00 | 41.97 1.30 0.00 | 32.47 1.17 0.00 | 46.59 2.10 0.00 | 67.50 3.19 0.00 | 62.47 2.96 0.00 | 46.03 2.03 0.00 | 42.73 2.22 0.00 | 43.27 2.47 0.00 | 41.13 2.56 0.00 | 39.53 2.18 0.00 | 30.13 1.71 -0.59 | 25.12 1.34 -0.43 | 37.75 1.96 0.00 | 45.54 2.19 0.00 | 56.65 2.59 0.00 | 59.99 2.64 0.00 | 52.08 2.07 0.00 | 42.51 1.64 0.00 | 39.66 1.51 0.00 | 33.47 1.31 0.00 |
| MODEL_CITY_ENERGY 24167 | 31.56 -0.27 0.00 | 36.01 -0.09 0.00 | 37.65 -0.11 0.00 | 40.75 0.09 0.00 | 40.76 0.09 0.00 | 31.84 0.54 0.00 | 45.21 0.72 0.00 | 64.45 0.13 0.00 | 60.12 0.61 0.00 | 45.08 1.08 0.00 | 40.71 0.61 0.41 | 41.56 0.76 0.00 | 39.23 0.67 0.00 | 37.73 0.39 0.00 | 27.99 0.16 0.00 | 23.39 0.04 0.00 | 35.13 -0.66 0.00 | 41.38 -1.97 0.00 | 51.53 -2.53 0.00 | 54.91 -2.45 0.00 | 48.13 -1.88 0.00 | 40.02 -0.85 0.00 | 38.04 -0.11 0.00 | 32.34 0.18 0.00 |
| MODERN_LFGE___ 323580 | 31.56 -0.27 0.00 | 36.01 -0.09 0.00 | 37.65 -0.11 0.00 | 40.75 0.09 0.00 | 40.76 0.09 0.00 | 31.84 0.54 0.00 | 45.21 0.72 0.00 | 64.45 0.13 0.00 | 60.12 0.61 0.00 | 45.08 1.08 0.00 | 40.71 0.61 0.41 | 41.56 0.76 0.00 | 39.23 0.67 0.00 | 37.73 0.39 0.00 | 27.99 0.16 0.00 | 23.39 0.04 0.00 | 35.13 -0.66 0.00 | 41.38 -1.97 0.00 | 51.53 -2.53 0.00 | 54.91 -2.45 0.00 | 48.13 -1.88 0.00 | 40.02 -0.85 0.00 | 38.04 -0.11 0.00 | 32.34 0.18 0.00 |
| MOHAWK_PAPER___DRP 24187 | 32.27 0.43 0.00 | 36.63 0.53 0.00 | 38.32 0.56 0.00 | 41.18 0.51 0.00 | 41.13 0.46 0.00 | 31.69 0.39 0.00 | 45.47 0.97 0.00 | 65.84 1.53 0.00 | 60.98 1.46 0.00 | 45.07 1.07 0.00 | 41.66 1.15 0.00 | 41.98 1.18 0.00 | 39.77 1.21 0.00 | 38.18 0.83 0.00 | 28.56 0.73 0.00 | 23.87 0.52 0.00 | 36.55 0.76 0.00 | 44.33 0.98 0.00 | 55.19 1.13 0.00 | 58.42 1.07 0.00 | 50.96 0.96 0.00 | 41.63 0.76 0.00 | 38.75 0.60 0.00 | 32.66 0.50 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 32.96 1.13 0.00 | 37.34 1.24 0.00 | 39.05 1.29 0.00 | 42.02 1.36 0.00 | 42.00 1.33 0.00 | 32.37 1.07 0.00 | 46.72 2.22 0.00 | 67.82 3.50 0.00 | 62.67 3.15 0.00 | 46.21 2.21 0.00 | 42.50 2.00 0.00 | 42.79 1.99 0.00 | 40.28 1.72 0.00 | 38.50 1.15 0.00 | 28.69 0.86 0.00 | 24.19 0.85 0.00 | 37.24 1.45 0.00 | 45.59 2.25 0.00 | 56.99 2.94 0.00 | 60.35 2.99 0.00 | 52.50 2.50 0.00 | 42.82 1.95 0.00 | 39.74 1.59 0.00 | 33.25 1.10 0.00 |
| MONGAUP___HYD 23641 | 33.38 1.54 0.00 | 37.81 1.71 0.00 | 39.44 1.67 0.00 | 42.39 1.73 0.00 | 42.34 1.67 0.00 | 32.78 1.48 0.00 | 47.15 2.65 0.00 | 68.37 4.06 0.00 | 63.00 3.48 0.00 | 46.38 2.39 0.00 | 42.70 2.19 0.00 | 43.14 2.34 0.00 | 40.71 2.15 0.00 | 39.01 1.66 0.00 | 29.59 1.29 -0.47 | 24.67 0.98 -0.34 | 37.32 1.53 0.00 | 45.56 2.22 0.00 | 57.31 3.26 0.00 | 60.86 3.50 0.00 | 52.80 2.79 0.00 | 43.06 2.19 0.00 | 40.11 1.96 0.00 | 33.76 1.61 0.00 |
| MONTAUK___DIESEL 23721 | 33.40 0.94 -0.63 | 40.92 1.30 -3.52 | 39.42 1.66 0.00 | 42.69 2.03 0.00 | 42.82 2.15 0.00 | 33.00 1.69 0.00 | 46.98 2.48 0.00 | 66.27 2.97 1.01 | 59.11 2.90 3.30 | 46.09 2.12 0.02 | 44.05 2.55 -1.00 | 44.33 2.50 -1.03 | 49.39 3.08 -7.75 | 45.09 2.21 -5.53 | 33.37 1.90 -3.64 | 37.16 2.01 -11.80 | 38.02 2.33 0.10 | 42.74 1.47 2.07 | 51.49 -0.06 2.51 | 54.17 -0.44 2.75 | 47.37 -0.43 2.21 | 39.42 -0.04 1.41 | 38.18 0.03 0.00 | 32.33 0.17 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 32.16 0.33 0.00 | 36.76 0.67 0.00 | 38.38 0.61 0.00 | 41.64 0.98 0.00 | 41.57 0.90 0.00 | 32.51 1.21 0.00 | 46.67 2.17 0.00 | 66.99 2.67 0.00 | 61.84 2.33 0.00 | 46.33 2.34 0.00 | 42.65 2.14 0.00 | 43.24 2.44 0.00 | 40.63 2.07 0.00 | 38.75 1.41 0.00 | 28.65 0.83 0.00 | 23.79 0.44 0.00 | 36.07 0.28 0.00 | 43.17 -0.17 0.00 | 54.02 -0.04 0.00 | 57.79 0.44 0.00 | 50.29 0.29 0.00 | 41.45 0.58 0.00 | 38.94 0.79 0.00 | 32.53 0.38 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 31.28 -0.56 0.00 | 35.86 -0.24 0.00 | 37.49 -0.28 0.00 | 40.82 0.16 0.00 | 40.71 0.04 0.00 | 31.79 0.49 0.00 | 45.63 1.13 0.00 | 65.52 1.21 0.00 | 60.80 1.29 0.00 | 45.06 1.06 0.00 | 41.00 0.34 -0.15 | 41.41 0.61 0.00 | 38.98 0.42 0.00 | 37.29 -0.05 0.00 | 27.46 -0.37 0.00 | 22.88 -0.46 0.00 | 35.16 -0.63 0.00 | 42.31 -1.03 0.00 | 53.02 -1.03 0.00 | 56.75 -0.61 0.00 | 49.37 -0.64 0.00 | 40.65 -0.22 0.00 | 38.26 0.11 0.00 | 32.16 0.01 0.00 |
| MORTIMER_115KV_TB3 55949 | 31.94 0.11 0.00 | 36.30 0.21 0.00 | 37.94 0.18 0.00 | 40.94 0.28 0.00 | 40.98 0.31 0.00 | 31.86 0.56 0.00 | 45.50 1.01 0.00 | 65.59 1.28 0.00 | 60.97 1.46 0.00 | 45.35 1.36 0.00 | 41.46 0.95 0.00 | 41.79 0.99 0.00 | 39.35 0.79 0.00 | 37.93 0.58 0.00 | 28.19 0.36 0.00 | 23.63 0.28 0.00 | 35.92 0.13 0.00 | 43.13 -0.22 0.00 | 53.85 -0.20 0.00 | 57.33 -0.02 0.00 | 50.01 0.00 0.00 | 41.09 0.21 0.00 | 38.60 0.44 0.00 | 32.56 0.41 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 33.37 1.53 0.00 | 37.80 1.70 0.00 | 39.36 1.60 0.00 | 42.22 1.56 0.00 | 42.12 1.45 0.00 | 32.63 1.34 0.00 | 46.71 2.22 0.00 | 67.70 3.39 0.00 | 62.71 3.19 0.00 | 46.27 2.27 0.00 | 43.01 2.50 0.00 | 43.59 2.78 0.00 | 41.48 2.92 0.00 | 39.96 2.56 -0.06 | 55.61 2.01 -25.77 | 43.55 1.58 -18.63 | 38.16 2.31 -0.06 | 45.82 2.47 0.00 | 56.83 2.77 0.00 | 60.16 2.81 0.00 | 52.23 2.23 0.00 | 42.63 1.76 0.00 | 39.77 1.62 0.00 | 33.62 1.47 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 33.71 1.88 0.00 | 38.13 2.04 0.00 | 39.95 2.19 0.00 | 43.14 2.48 0.00 | 43.09 2.42 0.00 | 33.56 2.25 0.00 | 48.20 3.70 0.00 | 69.67 5.36 0.00 | 64.35 4.84 0.00 | 47.22 3.23 0.00 | 42.73 2.08 -0.13 | 42.94 2.14 0.00 | 39.94 1.38 0.00 | 38.31 0.96 0.00 | 28.16 0.33 0.00 | 23.52 0.17 0.00 | 36.43 0.64 0.00 | 45.02 1.68 0.00 | 57.32 3.26 0.00 | 60.88 3.52 0.00 | 52.72 2.72 0.00 | 43.13 2.26 0.00 | 40.29 2.14 0.00 | 33.73 1.58 0.00 |
| N SALMON___HYD 24042 | 31.92 0.09 0.00 | 36.31 0.21 0.00 | 38.25 0.48 0.00 | 41.31 0.64 0.00 | 41.57 0.90 0.00 | 31.94 0.64 0.00 | 45.01 0.51 0.00 | 64.91 0.60 0.00 | 60.03 0.51 0.00 | 44.56 0.56 0.00 | 40.90 0.39 0.00 | 40.81 0.01 0.00 | 38.27 -0.29 0.00 | 37.48 0.13 0.00 | 27.74 -0.08 0.00 | 23.27 -0.07 0.00 | 35.85 0.06 0.00 | 43.52 0.18 0.00 | 54.83 0.78 0.00 | 58.07 0.72 0.00 | 50.74 0.73 0.00 | 41.56 0.69 0.00 | 38.77 0.62 0.00 | 32.73 0.57 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 32.17 0.34 0.00 | 36.67 0.58 0.00 | 38.33 0.57 0.00 | 41.48 0.82 0.00 | 41.50 0.84 0.00 | 32.43 1.13 0.00 | 46.18 1.68 0.00 | 66.13 1.82 0.00 | 61.65 2.14 0.00 | 46.12 2.13 0.00 | 41.90 1.39 0.00 | 42.21 1.41 0.00 | 40.11 1.55 0.00 | 38.26 0.91 0.00 | 28.32 0.50 0.00 | 23.75 0.41 0.00 | 35.87 0.08 0.00 | 42.41 -0.94 0.00 | 53.09 -0.97 0.00 | 56.63 -0.72 0.00 | 49.55 -0.45 0.00 | 41.06 0.19 0.00 | 38.90 0.75 0.00 | 32.98 0.83 0.00 |
| N.E_GEN_SANDY PD 24062 | 25.85 0.53 6.51 | 29.53 0.60 7.18 | 30.15 0.59 8.20 | 32.36 0.54 8.83 | 32.90 0.46 8.23 | 29.32 0.40 2.38 | 45.50 1.00 0.00 | 65.02 1.54 0.83 | 52.40 1.43 8.54 | 41.33 1.03 3.69 | 35.31 1.17 6.37 | 36.86 1.31 5.26 | 34.85 1.40 5.12 | 31.83 1.08 6.59 | 28.72 0.89 0.00 | 24.03 0.68 0.00 | 34.73 0.95 2.00 | 43.99 1.04 0.40 | 54.22 1.15 0.99 | 55.02 1.06 3.39 | 50.95 0.94 0.00 | 41.64 0.76 0.00 | 36.45 0.61 2.31 | 29.59 0.49 3.05 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 33.11 1.28 0.00 | 37.51 1.42 0.00 | 39.12 1.36 0.00 | 42.03 1.37 0.00 | 41.95 1.29 0.00 | 32.49 1.19 0.00 | 46.67 2.18 0.00 | 67.64 3.32 0.00 | 62.56 3.04 0.00 | 46.03 2.04 0.00 | 42.71 2.21 0.00 | 43.27 2.47 0.00 | 41.12 2.56 0.00 | 39.51 2.16 0.00 | 30.06 1.68 -0.56 | 25.05 1.30 -0.40 | 37.75 1.97 0.00 | 45.56 2.21 0.00 | 56.76 2.70 0.00 | 60.10 2.75 0.00 | 52.10 2.09 0.00 | 42.51 1.64 0.00 | 39.64 1.49 0.00 | 33.45 1.29 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 33.37 1.54 0.00 | 37.78 1.69 0.00 | 39.31 1.55 0.00 | 42.16 1.49 0.00 | 42.10 1.43 0.00 | 32.63 1.34 0.00 | 46.77 2.27 0.00 | 67.88 3.57 0.00 | 62.75 3.24 0.00 | 46.34 2.34 0.00 | 43.02 2.51 0.00 | 43.60 2.79 0.00 | 41.56 3.00 0.00 | 40.01 2.61 -0.05 | 52.15 1.88 -22.45 | 40.94 1.44 -16.16 | 38.23 2.39 -0.05 | 45.84 2.50 0.00 | 56.82 2.76 0.00 | 60.23 2.88 0.00 | 52.27 2.27 0.00 | 42.72 1.85 0.00 | 39.85 1.70 0.00 | 33.68 1.52 0.00 |
| N.TROY___115KV_TB1 355778 | 32.39 0.56 0.00 | 36.74 0.65 0.00 | 38.44 0.67 0.00 | 41.32 0.66 0.00 | 41.28 0.61 0.00 | 31.81 0.51 0.00 | 45.67 1.18 0.00 | 66.12 1.81 0.00 | 61.19 1.68 0.00 | 45.21 1.22 0.00 | 41.73 1.23 0.00 | 42.08 1.28 0.00 | 39.82 1.26 0.00 | 38.22 0.87 0.00 | 28.53 0.71 0.00 | 23.91 0.56 0.00 | 36.66 0.88 0.00 | 44.50 1.15 0.00 | 55.45 1.39 0.00 | 58.68 1.33 0.00 | 51.18 1.17 0.00 | 41.80 0.93 0.00 | 38.89 0.74 0.00 | 32.72 0.57 0.00 |
| NARROWS_GT1_1 24228 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT1_2 24229 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT1_3 24230 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT1_4 24231 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT1_5 24232 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |

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|---------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT1_7 24234 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT1_8 24235 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT2_1 24236 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT2_2 24237 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT2_3 24238 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT2_4 24239 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT2_5 24240 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT2_6 24241 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT2_7 24242 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NARROWS_GT2_8 24243 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 32.30 0.47 0.00 | 36.75 0.66 0.00 | 38.53 0.77 0.00 | 41.39 0.73 0.00 | 41.40 0.73 0.00 | 32.35 1.05 0.00 | 46.51 2.02 0.00 | 67.51 3.19 0.00 | 62.47 2.96 0.00 | 46.17 2.18 0.00 | 42.67 2.16 0.00 | 42.94 2.14 0.00 | 40.40 1.84 0.00 | 38.82 1.48 0.00 | 28.64 0.81 0.00 | 24.01 0.66 0.00 | 37.09 1.30 0.00 | 45.12 1.78 0.00 | 56.76 2.70 0.00 | 60.18 2.83 0.00 | 52.46 2.46 0.00 | 42.81 1.94 0.00 | 39.77 1.62 0.00 | 33.44 1.29 0.00 |
| NCHELSEA_115KV_TR2 355582 | 33.26 1.43 0.00 | 37.69 1.59 0.00 | 39.29 1.53 0.00 | 42.21 1.55 0.00 | 42.13 1.46 0.00 | 32.57 1.27 0.00 | 46.77 2.27 0.00 | 67.79 3.48 0.00 | 62.72 3.21 0.00 | 46.24 2.25 0.00 | 42.88 2.37 0.00 | 43.38 2.58 0.00 | 41.19 2.63 0.00 | 39.58 2.24 0.00 | 29.57 1.74 0.00 | 24.70 1.35 0.00 | 37.82 2.03 0.00 | 45.68 2.34 0.00 | 56.90 2.85 0.00 | 60.31 2.96 0.00 | 52.39 2.39 0.00 | 42.76 1.89 0.00 | 39.85 1.70 0.00 | 33.59 1.44 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 32.85 1.01 0.00 | 37.25 1.15 0.00 | 38.94 1.17 0.00 | 41.88 1.22 0.00 | 41.88 1.21 0.00 | 32.30 1.00 0.00 | 46.45 1.95 0.00 | 67.26 2.95 0.00 | 62.19 2.68 0.00 | 45.97 1.98 0.00 | 42.38 1.87 0.00 | 42.68 1.88 0.00 | 40.27 1.71 0.00 | 38.57 1.23 0.00 | 28.78 0.95 0.00 | 24.17 0.82 0.00 | 37.15 1.36 0.00 | 45.25 1.91 0.00 | 56.49 2.43 0.00 | 59.79 2.44 0.00 | 52.09 2.09 0.00 | 42.52 1.65 0.00 | 39.54 1.38 0.00 | 33.21 1.06 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 31.29 -0.54 0.00 | 35.54 -0.56 0.00 | 37.15 -0.62 0.00 | 40.07 -0.59 0.00 | 40.11 -0.56 0.00 | 31.15 -0.15 0.00 | 44.53 0.03 0.00 | 64.25 -0.06 0.00 | 59.66 0.14 0.00 | 44.28 0.28 0.00 | 40.46 0.06 0.11 | 40.87 0.07 0.00 | 38.43 -0.14 0.00 | 37.04 -0.30 0.00 | 27.52 -0.30 0.00 | 23.12 -0.23 0.00 | 35.22 -0.57 0.00 | 42.45 -0.89 0.00 | 53.04 -1.02 0.00 | 56.39 -0.97 0.00 | 49.12 -0.88 0.00 | 40.34 -0.53 0.00 | 37.82 -0.34 0.00 | 31.87 -0.28 0.00 |

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| NEG CENTRAL___DRP 24199 | 31.90 0.07 0.00 | 36.27 0.17 0.00 | 37.88 0.11 0.00 | 40.92 0.26 0.00 | 40.92 0.25 0.00 | 31.74 0.44 0.00 | 45.48 0.98 0.00 | 65.60 1.28 0.00 | 60.74 1.23 0.00 | 44.86 0.86 0.00 | 41.20 0.69 0.00 | 41.45 0.64 0.00 | 39.06 0.51 0.00 | 37.43 0.09 0.00 | 27.76 -0.06 0.00 | 23.23 -0.12 0.00 | 35.67 -0.12 0.00 | 43.32 -0.03 0.00 | 54.30 0.24 0.00 | 57.89 0.54 0.00 | 50.27 0.27 0.00 | 41.23 0.36 0.00 | 38.59 0.43 0.00 | 32.48 0.32 0.00 |
| NEG CENTRAL___INDECK 23768 | 32.58 0.75 0.00 | 37.12 1.02 0.00 | 38.80 1.04 0.00 | 42.10 1.44 0.00 | 42.10 1.43 0.00 | 32.86 1.57 0.00 | 47.30 2.80 0.00 | 68.20 3.89 0.00 | 63.39 3.88 0.00 | 46.91 2.92 0.00 | 42.54 1.94 -0.10 | 42.55 1.75 0.00 | 40.05 1.48 0.00 | 38.38 1.04 0.00 | 28.59 0.76 0.00 | 23.61 0.27 0.00 | 35.64 -0.15 0.00 | 43.05 -0.30 0.00 | 53.76 -0.30 0.00 | 59.10 1.75 0.00 | 51.84 1.84 0.00 | 41.45 0.57 0.00 | 39.35 1.19 0.00 | 33.45 1.30 0.00 |
| NEG CENTRAL___SENECA 23627 | 31.97 0.14 0.00 | 36.37 0.28 0.00 | 37.98 0.22 0.00 | 41.07 0.41 0.00 | 41.05 0.38 0.00 | 31.94 0.64 0.00 | 45.79 1.29 0.00 | 65.95 1.64 0.00 | 61.14 1.62 0.00 | 45.16 1.16 0.00 | 41.42 0.91 0.00 | 41.68 0.88 0.00 | 39.30 0.74 0.00 | 37.61 0.27 0.00 | 27.89 0.07 0.00 | 23.30 -0.05 0.00 | 35.73 -0.05 0.00 | 43.39 0.05 0.00 | 54.44 0.38 0.00 | 58.06 0.71 0.00 | 50.41 0.40 0.00 | 41.37 0.49 0.00 | 38.78 0.63 0.00 | 32.61 0.46 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 31.98 0.15 0.00 | 36.33 0.24 0.00 | 37.94 0.17 0.00 | 40.95 0.29 0.00 | 40.98 0.30 0.00 | 31.57 0.27 0.00 | 45.19 0.69 0.00 | 65.28 0.97 0.00 | 60.43 0.91 0.00 | 44.61 0.62 0.00 | 40.96 0.45 0.00 | 41.22 0.42 0.00 | 38.82 0.26 0.00 | 37.25 -0.10 0.00 | 27.65 -0.18 0.00 | 23.16 -0.19 0.00 | 35.61 -0.18 0.00 | 43.30 -0.04 0.00 | 54.32 0.26 0.00 | 57.99 0.64 0.00 | 50.28 0.28 0.00 | 41.29 0.42 0.00 | 38.46 0.31 0.00 | 32.46 0.31 0.00 |
| NEG MILLWOOD___DRP 24198 | 33.29 1.46 0.00 | 37.72 1.63 0.00 | 39.32 1.57 0.00 | 42.21 1.55 0.00 | 42.13 1.46 0.00 | 32.57 1.28 0.00 | 46.77 2.27 0.00 | 67.79 3.48 0.00 | 62.75 3.23 0.00 | 46.27 2.28 0.00 | 42.93 2.42 0.00 | 43.46 2.66 0.00 | 41.29 2.73 0.00 | 39.69 2.34 0.00 | 29.66 1.84 0.00 | 24.77 1.42 0.00 | 37.89 2.11 0.00 | 45.74 2.39 0.00 | 56.91 2.86 0.00 | 60.32 2.97 0.00 | 52.40 2.40 0.00 | 42.78 1.91 0.00 | 39.87 1.72 0.00 | 33.62 1.46 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 31.31 -0.52 0.00 | 35.74 -0.36 0.00 | 37.77 0.01 0.00 | 40.88 0.22 0.00 | 41.35 0.68 0.00 | 31.65 0.35 0.00 | 44.67 0.17 0.00 | 63.99 -0.33 0.00 | 59.23 -0.28 0.00 | 43.96 -0.04 0.00 | 40.58 0.07 0.00 | 40.68 -0.12 0.00 | 37.97 -0.59 0.00 | 37.06 -0.28 0.00 | 27.41 -0.41 0.00 | 23.01 -0.33 0.00 | 35.50 -0.29 0.00 | 42.87 -0.48 0.00 | 53.92 -0.14 0.00 | 56.84 -0.51 0.00 | 49.57 -0.43 0.00 | 40.77 -0.10 0.00 | 38.07 -0.08 0.00 | 32.20 0.05 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 31.55 -0.28 0.00 | 35.89 -0.21 0.00 | 37.80 0.04 0.00 | 40.80 0.13 0.00 | 41.08 0.41 0.00 | 31.52 0.22 0.00 | 44.39 -0.11 0.00 | 63.87 -0.44 0.00 | 59.04 -0.47 0.00 | 43.77 -0.22 0.00 | 40.30 -0.21 0.00 | 40.40 -0.40 0.00 | 37.93 -0.63 0.00 | 37.15 -0.19 0.00 | 27.54 -0.29 0.00 | 23.11 -0.24 0.00 | 35.54 -0.24 0.00 | 43.03 -0.31 0.00 | 53.98 -0.07 0.00 | 57.09 -0.26 0.00 | 49.84 -0.16 0.00 | 40.83 -0.05 0.00 | 38.13 -0.02 0.00 | 32.24 0.09 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 31.58 -0.25 0.00 | 36.00 -0.09 0.00 | 38.01 0.24 0.00 | 41.11 0.45 0.00 | 41.51 0.84 0.00 | 31.81 0.52 0.00 | 44.93 0.43 0.00 | 64.56 0.24 0.00 | 59.69 0.17 0.00 | 44.15 0.16 0.00 | 40.75 0.24 0.00 | 40.80 0.00 0.00 | 38.09 -0.47 0.00 | 37.20 -0.14 0.00 | 27.52 -0.30 0.00 | 23.12 -0.23 0.00 | 35.71 -0.08 0.00 | 43.26 -0.08 0.00 | 54.47 0.41 0.00 | 57.49 0.14 0.00 | 50.13 0.13 0.00 | 41.14 0.27 0.00 | 38.38 0.23 0.00 | 32.43 0.28 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 31.58 -0.25 0.00 | 36.00 -0.09 0.00 | 38.01 0.24 0.00 | 41.11 0.45 0.00 | 41.51 0.84 0.00 | 31.81 0.52 0.00 | 44.93 0.43 0.00 | 64.56 0.24 0.00 | 59.69 0.17 0.00 | 44.15 0.16 0.00 | 40.75 0.24 0.00 | 40.80 0.00 0.00 | 38.09 -0.47 0.00 | 37.20 -0.14 0.00 | 27.52 -0.30 0.00 | 23.12 -0.23 0.00 | 35.71 -0.08 0.00 | 43.26 -0.08 0.00 | 54.47 0.41 0.00 | 57.49 0.14 0.00 | 50.13 0.13 0.00 | 41.14 0.27 0.00 | 38.38 0.23 0.00 | 32.43 0.28 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 31.58 -0.25 0.00 | 36.00 -0.09 0.00 | 38.01 0.24 0.00 | 41.11 0.45 0.00 | 41.51 0.84 0.00 | 31.81 0.51 0.00 | 44.94 0.44 0.00 | 64.56 0.25 0.00 | 59.69 0.18 0.00 | 44.15 0.16 0.00 | 40.75 0.24 0.00 | 40.80 0.00 0.00 | 38.09 -0.47 0.00 | 37.20 -0.14 0.00 | 27.52 -0.30 0.00 | 23.12 -0.23 0.00 | 35.71 -0.08 0.00 | 43.26 -0.08 0.00 | 54.47 0.41 0.00 | 57.49 0.14 0.00 | 50.13 0.13 0.00 | 41.14 0.27 0.00 | 38.38 0.23 0.00 | 32.43 0.28 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 31.77 -0.07 0.00 | 36.25 0.16 0.00 | 37.90 0.14 0.00 | 41.03 0.37 0.00 | 41.04 0.37 0.00 | 32.07 0.77 0.00 | 45.57 1.07 0.00 | 65.08 0.76 0.00 | 60.72 1.21 0.00 | 45.53 1.54 0.00 | 41.50 0.99 0.00 | 41.92 1.12 0.00 | 39.60 1.04 0.00 | 38.05 0.71 0.00 | 28.18 0.36 0.00 | 23.56 0.21 0.00 | 35.44 -0.34 0.00 | 41.83 -1.51 0.00 | 52.12 -1.94 0.00 | 55.55 -1.80 0.00 | 48.65 -1.35 0.00 | 40.42 -0.45 0.00 | 38.37 0.22 0.00 | 32.57 0.41 0.00 |
| NEG WEST___LANCASTR 23811 | 31.61 -0.22 0.00 | 36.11 0.01 0.00 | 37.71 -0.05 0.00 | 40.82 0.16 0.00 | 40.83 0.16 0.00 | 31.89 0.59 0.00 | 45.49 0.99 0.00 | 65.26 0.94 0.00 | 60.80 1.28 0.00 | 45.45 1.45 0.00 | 41.55 1.04 0.00 | 42.11 1.31 0.00 | 39.70 1.15 0.00 | 38.15 0.81 0.00 | 28.27 0.44 0.00 | 23.51 0.16 0.00 | 35.51 -0.28 0.00 | 42.26 -1.08 0.00 | 52.73 -1.33 0.00 | 56.27 -1.09 0.00 | 49.06 -0.95 0.00 | 40.56 -0.31 0.00 | 38.35 0.20 0.00 | 32.40 0.24 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 32.09 0.26 0.00 | 36.51 0.41 0.00 | 38.12 0.36 0.00 | 41.18 0.51 0.00 | 41.13 0.46 0.00 | 31.85 0.55 0.00 | 45.70 1.20 0.00 | 65.99 1.67 0.00 | 61.07 1.56 0.00 | 45.11 1.11 0.00 | 41.54 0.91 -0.12 | 41.93 1.12 0.00 | 39.49 0.93 0.00 | 37.93 0.58 0.00 | 28.16 0.33 0.00 | 23.52 0.17 0.00 | 36.02 0.24 0.00 | 43.67 0.33 0.00 | 54.64 0.58 0.00 | 58.21 0.86 0.00 | 50.56 0.56 0.00 | 41.38 0.51 0.00 | 38.73 0.58 0.00 | 32.61 0.46 0.00 |
| NEG___GEN_MONROE 24207 | 32.29 0.46 0.00 | 36.77 0.67 0.00 | 38.44 0.67 0.00 | 41.53 0.88 0.00 | 41.60 0.93 0.00 | 32.42 1.12 0.00 | 46.35 1.86 0.00 | 66.64 2.32 0.00 | 61.79 2.28 0.00 | 46.01 2.02 0.00 | 42.04 1.53 0.00 | 42.29 1.49 0.00 | 39.84 1.27 0.00 | 38.26 0.92 0.00 | 28.46 0.63 0.00 | 23.86 0.51 0.00 | 36.33 0.54 0.00 | 43.28 -0.06 0.00 | 54.19 0.13 0.00 | 57.73 0.37 0.00 | 50.36 0.36 0.00 | 41.41 0.54 0.00 | 38.99 0.84 0.00 | 33.00 0.84 0.00 |
| NEPA___ENERGY 23901 | 31.67 -0.16 0.00 | 36.26 0.16 0.00 | 37.77 0.01 0.00 | 41.01 0.35 0.00 | 40.95 0.28 0.00 | 32.00 0.70 0.00 | 45.98 1.48 0.00 | 65.96 1.65 0.00 | 61.13 1.62 0.00 | 45.52 1.53 0.00 | 41.64 1.13 0.00 | 42.43 1.63 0.00 | 40.01 1.45 0.00 | 38.25 0.91 0.00 | 28.30 0.48 0.00 | 23.51 0.16 0.00 | 35.60 -0.19 0.00 | 42.59 -0.76 0.00 | 53.36 -0.70 0.00 | 57.25 -0.10 0.00 | 49.63 -0.37 0.00 | 40.87 -0.01 0.00 | 38.52 0.37 0.00 | 32.46 0.31 0.00 |

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| NEVERSINK___HYD 23608 | 32.89 1.05 0.00 | 37.24 1.14 0.00 | 38.86 1.10 0.00 | 41.77 1.11 0.00 | 41.72 1.06 0.00 | 32.24 0.95 0.00 | 46.35 1.85 0.00 | 67.25 2.94 0.00 | 61.93 2.42 0.00 | 45.69 1.70 0.00 | 42.24 1.73 0.00 | 42.60 1.81 0.00 | 40.23 1.67 0.00 | 37.60 0.25 0.00 | 28.09 0.27 0.00 | 23.45 0.11 0.00 | 36.06 0.27 0.00 | 43.78 0.43 0.00 | 54.95 0.89 0.00 | 59.83 2.48 0.00 | 51.97 1.97 0.00 | 42.38 1.51 0.00 | 39.48 1.33 0.00 | 33.25 1.09 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 31.90 0.07 0.00 | 36.25 0.16 0.00 | 37.95 0.19 0.00 | 40.74 0.08 0.00 | 40.70 0.03 0.00 | 31.36 0.06 0.00 | 44.96 0.46 0.00 | 65.14 0.83 0.00 | 60.34 0.83 0.00 | 44.60 0.61 0.00 | 41.24 0.73 0.00 | 41.54 0.75 0.00 | 39.42 0.86 0.00 | 37.86 0.52 0.00 | 28.33 0.51 0.00 | 23.67 0.32 0.00 | 36.24 0.45 0.00 | 43.87 0.53 0.00 | 54.58 0.53 0.00 | 57.76 0.41 0.00 | 50.38 0.38 0.00 | 41.15 0.28 0.00 | 38.31 0.15 0.00 | 32.35 0.19 0.00 |
| NEWTON___FALLS_HYD 23847 | 32.61 0.77 0.00 | 36.77 0.67 0.00 | 38.29 0.53 0.00 | 41.42 0.76 0.00 | 41.59 0.92 0.00 | 32.13 0.83 0.00 | 45.40 0.90 0.00 | 65.62 1.31 0.00 | 60.52 1.01 0.00 | 44.72 0.73 0.00 | 40.84 0.33 0.00 | 40.44 -0.36 0.00 | 37.85 -0.71 0.00 | 36.63 -0.71 0.00 | 27.28 -0.54 0.00 | 22.97 -0.38 0.00 | 35.63 -0.16 0.00 | 43.83 0.49 0.00 | 55.34 1.28 0.00 | 58.81 1.46 0.00 | 51.20 1.20 0.00 | 41.85 0.98 0.00 | 39.13 0.97 0.00 | 32.78 0.63 0.00 |
| NGRID_A1_DSASP 323792 | 31.50 -0.33 0.00 | 35.96 -0.14 0.00 | 37.60 -0.16 0.00 | 40.67 0.01 0.00 | 40.71 0.04 0.00 | 31.78 0.48 0.00 | 45.11 0.61 0.00 | 64.43 0.12 0.00 | 60.22 0.70 0.00 | 45.20 1.21 0.00 | 40.86 0.79 0.45 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.94 0.59 0.00 | 28.15 0.32 0.00 | 23.50 0.15 0.00 | 35.28 -0.51 0.00 | 41.35 -2.00 0.00 | 51.30 -2.75 0.00 | 54.64 -2.72 0.00 | 47.91 -2.09 0.00 | 40.00 -0.87 0.00 | 38.10 -0.05 0.00 | 32.29 0.13 0.00 |
| NGRID_A2_DSASP 323793 | 31.50 -0.33 0.00 | 35.96 -0.14 0.00 | 37.60 -0.16 0.00 | 40.67 0.01 0.00 | 40.71 0.04 0.00 | 31.78 0.48 0.00 | 45.11 0.61 0.00 | 64.43 0.12 0.00 | 60.22 0.70 0.00 | 45.20 1.21 0.00 | 40.86 0.79 0.45 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.94 0.59 0.00 | 28.15 0.32 0.00 | 23.50 0.15 0.00 | 35.28 -0.51 0.00 | 41.35 -2.00 0.00 | 51.30 -2.75 0.00 | 54.64 -2.72 0.00 | 47.91 -2.09 0.00 | 40.00 -0.87 0.00 | 38.10 -0.05 0.00 | 32.29 0.13 0.00 |
| NGRID_A4_DSASP 323807 | 31.50 -0.33 0.00 | 35.96 -0.14 0.00 | 37.60 -0.16 0.00 | 40.67 0.01 0.00 | 40.71 0.04 0.00 | 31.78 0.48 0.00 | 45.11 0.61 0.00 | 64.43 0.12 0.00 | 60.22 0.70 0.00 | 45.20 1.21 0.00 | 40.86 0.79 0.45 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.94 0.59 0.00 | 28.15 0.32 0.00 | 23.50 0.15 0.00 | 35.28 -0.51 0.00 | 41.35 -2.00 0.00 | 51.30 -2.75 0.00 | 54.64 -2.72 0.00 | 47.91 -2.09 0.00 | 40.00 -0.87 0.00 | 38.10 -0.05 0.00 | 32.29 0.13 0.00 |
| NIAGARA_115E_LBMP 323715 | 31.43 -0.40 0.00 | 35.86 -0.23 0.00 | 37.50 -0.27 0.00 | 40.60 -0.06 0.00 | 40.60 -0.07 0.00 | 31.71 0.42 0.00 | 45.00 0.50 0.00 | 64.09 -0.22 0.00 | 59.77 0.26 0.00 | 44.85 0.85 0.00 | 40.51 0.42 0.43 | 41.38 0.58 0.00 | 39.04 0.48 0.00 | 37.58 0.24 0.00 | 27.88 0.05 0.00 | 23.29 -0.06 0.00 | 34.95 -0.84 0.00 | 41.13 -2.21 0.00 | 51.20 -2.86 0.00 | 54.55 -2.80 0.00 | 47.82 -2.19 0.00 | 39.79 -1.08 0.00 | 37.85 -0.31 0.00 | 32.20 0.04 0.00 |
| NIAGARA_115W_LBMP 323714 | 31.46 -0.38 0.00 | 35.91 -0.19 0.00 | 37.55 -0.21 0.00 | 40.61 -0.05 0.00 | 40.65 -0.02 0.00 | 31.74 0.43 0.00 | 45.05 0.55 0.00 | 64.33 0.02 0.00 | 60.14 0.63 0.00 | 45.13 1.14 0.00 | 40.81 0.74 0.45 | 41.67 0.87 0.00 | 39.32 0.76 0.00 | 37.89 0.55 0.00 | 28.11 0.28 0.00 | 23.47 0.12 0.00 | 35.22 -0.56 0.00 | 41.27 -2.07 0.00 | 51.20 -2.86 0.00 | 54.53 -2.82 0.00 | 47.81 -2.19 0.00 | 39.93 -0.94 0.00 | 38.03 -0.12 0.00 | 32.24 0.09 0.00 |
| NIAGARA_230_LBMP 323716 | 31.52 -0.31 0.00 | 35.97 -0.12 0.00 | 37.61 -0.15 0.00 | 40.68 0.02 0.00 | 40.71 0.04 0.00 | 31.79 0.49 0.00 | 45.15 0.65 0.00 | 64.50 0.19 0.00 | 60.25 0.73 0.00 | 45.19 1.20 0.00 | 40.85 0.78 0.45 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.93 0.59 0.00 | 28.16 0.33 0.00 | 23.49 0.14 0.00 | 35.29 -0.50 0.00 | 41.62 -1.72 0.00 | 51.71 -2.35 0.00 | 55.07 -2.29 0.00 | 48.23 -1.77 0.00 | 40.10 -0.77 0.00 | 38.09 -0.06 0.00 | 32.29 0.14 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 31.46 -0.38 0.00 | 35.91 -0.18 0.00 | 37.55 -0.21 0.00 | 40.61 -0.05 0.00 | 40.66 -0.01 0.00 | 31.74 0.44 0.00 | 45.04 0.54 0.00 | 64.33 0.02 0.00 | 60.14 0.63 0.00 | 45.15 1.16 0.00 | 41.25 0.74 0.00 | 41.67 0.86 0.00 | 39.33 0.77 0.00 | 37.89 0.55 0.00 | 28.08 0.25 0.00 | 23.44 0.09 0.00 | 35.20 -0.59 0.00 | 41.27 -2.08 0.00 | 51.20 -2.86 0.00 | 54.55 -2.80 0.00 | 47.83 -2.17 0.00 | 39.93 -0.94 0.00 | 38.02 -0.13 0.00 | 32.25 0.09 0.00 |
| NIAGARA____ 23760 | 31.52 -0.31 0.00 | 35.97 -0.12 0.00 | 37.61 -0.15 0.00 | 40.68 0.02 0.00 | 40.71 0.04 0.00 | 31.79 0.49 0.00 | 45.15 0.65 0.00 | 64.50 0.19 0.00 | 60.25 0.73 0.00 | 45.19 1.20 0.00 | 40.86 0.78 0.44 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.93 0.59 0.00 | 28.16 0.33 0.00 | 23.49 0.14 0.00 | 35.29 -0.50 0.00 | 41.62 -1.72 0.00 | 51.71 -2.35 0.00 | 55.07 -2.29 0.00 | 48.23 -1.77 0.00 | 40.10 -0.77 0.00 | 38.09 -0.06 0.00 | 32.29 0.14 0.00 |
| NINE_MILE_1 23575 | 30.92 -0.91 0.00 | 35.08 -1.02 0.00 | 36.66 -1.10 0.00 | 39.50 -1.16 0.00 | 39.50 -1.16 0.00 | 30.49 -0.81 0.00 | 43.50 -1.00 0.00 | 62.87 -1.44 0.00 | 58.21 -1.30 0.00 | 43.02 -0.97 0.00 | 39.58 -0.93 0.00 | 39.88 -0.92 0.00 | 37.62 -0.94 0.00 | 36.29 -1.06 0.00 | 27.01 -0.81 0.00 | 22.67 -0.68 0.00 | 34.73 -1.06 0.00 | 42.06 -1.28 0.00 | 52.53 -1.53 0.00 | 55.80 -1.56 0.00 | 48.59 -1.41 0.00 | 39.79 -1.09 0.00 | 37.17 -0.98 0.00 | 31.31 -0.84 0.00 |
| NINE_MILE_2 23744 | 30.92 -0.91 0.00 | 35.08 -1.01 0.00 | 36.66 -1.10 0.00 | 39.50 -1.16 0.00 | 39.50 -1.16 0.00 | 30.50 -0.80 0.00 | 43.51 -0.99 0.00 | 62.87 -1.44 0.00 | 58.21 -1.30 0.00 | 43.03 -0.97 0.00 | 39.58 -0.93 0.00 | 39.88 -0.92 0.00 | 37.62 -0.94 0.00 | 36.29 -1.05 0.00 | 27.01 -0.81 0.00 | 22.67 -0.68 0.00 | 34.73 -1.06 0.00 | 42.06 -1.28 0.00 | 52.53 -1.52 0.00 | 55.80 -1.56 0.00 | 48.59 -1.41 0.00 | 39.79 -1.09 0.00 | 37.17 -0.98 0.00 | 31.32 -0.84 0.00 |
| NM_CAPITAL___DRP 24208 | 32.00 0.17 0.00 | 36.34 0.25 0.00 | 38.04 0.28 0.00 | 40.85 0.19 0.00 | 40.80 0.13 0.00 | 31.43 0.13 0.00 | 45.07 0.57 0.00 | 65.27 0.96 0.00 | 60.46 0.95 0.00 | 44.69 0.69 0.00 | 41.32 0.81 0.00 | 41.64 0.84 0.00 | 39.49 0.93 0.00 | 37.94 0.59 0.00 | 28.38 0.55 0.00 | 23.72 0.37 0.00 | 36.30 0.51 0.00 | 43.95 0.60 0.00 | 54.69 0.63 0.00 | 57.87 0.51 0.00 | 50.48 0.48 0.00 | 41.25 0.38 0.00 | 38.40 0.25 0.00 | 32.40 0.25 0.00 |
| NM_CENTRAL___DRP 24181 | 31.50 -0.33 0.00 | 35.73 -0.36 0.00 | 37.34 -0.42 0.00 | 40.25 -0.42 0.00 | 40.25 -0.42 0.00 | 31.11 -0.19 0.00 | 44.44 -0.06 0.00 | 64.25 -0.06 0.00 | 59.50 -0.01 0.00 | 43.97 -0.02 0.00 | 40.45 -0.06 0.00 | 40.75 -0.05 0.00 | 38.39 -0.17 0.00 | 36.95 -0.39 0.00 | 27.48 -0.35 0.00 | 23.07 -0.28 0.00 | 35.38 -0.41 0.00 | 42.88 -0.47 0.00 | 53.58 -0.47 0.00 | 56.93 -0.42 0.00 | 49.53 -0.47 0.00 | 40.56 -0.32 0.00 | 37.93 -0.22 0.00 | 31.92 -0.23 0.00 |

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| NM_FRONTIER___DRP 24179 | 31.46 -0.38 0.00 | 35.91 -0.18 0.00 | 37.55 -0.21 0.00 | 40.61 -0.05 0.00 | 40.66 -0.01 0.00 | 31.74 0.44 0.00 | 45.04 0.54 0.00 | 64.33 0.02 0.00 | 60.14 0.63 0.00 | 45.15 1.16 0.00 | 41.25 0.74 0.00 | 41.67 0.86 0.00 | 39.33 0.77 0.00 | 37.89 0.55 0.00 | 28.08 0.25 0.00 | 23.44 0.09 0.00 | 35.20 -0.59 0.00 | 41.27 -2.08 0.00 | 51.20 -2.86 0.00 | 54.55 -2.80 0.00 | 47.83 -2.17 0.00 | 39.93 -0.94 0.00 | 38.02 -0.13 0.00 | 32.25 0.09 0.00 |
| NM_ST_REGIS___HYD 24053 | 32.38 0.55 0.00 | 36.70 0.60 0.00 | 38.47 0.71 0.00 | 41.51 0.85 0.00 | 41.72 1.05 0.00 | 32.11 0.81 0.00 | 45.14 0.64 0.00 | 65.16 0.85 0.00 | 60.11 0.60 0.00 | 44.63 0.64 0.00 | 40.84 0.33 0.00 | 40.61 -0.20 0.00 | 38.16 -0.41 0.00 | 37.33 -0.01 0.00 | 27.74 -0.09 0.00 | 23.31 -0.04 0.00 | 35.93 0.14 0.00 | 43.65 0.31 0.00 | 54.91 0.86 0.00 | 58.31 0.96 0.00 | 51.06 1.06 0.00 | 41.84 0.97 0.00 | 39.04 0.89 0.00 | 32.87 0.72 0.00 |
| NORTHPORT___1 23551 | 33.90 1.45 -0.62 | 41.29 1.72 -3.47 | 39.40 1.64 0.00 | 42.28 1.62 0.00 | 41.86 1.19 0.00 | 32.02 0.71 0.00 | 45.43 0.94 0.00 | 64.50 0.87 0.68 | 58.50 1.19 2.21 | 45.07 1.09 0.02 | 43.44 1.95 -0.98 | 44.28 2.46 -1.02 | 48.77 2.57 -7.64 | 44.76 1.96 -5.45 | 33.15 1.75 -3.57 | 36.31 1.34 -11.63 | 37.20 1.48 0.07 | 39.82 1.14 4.66 | 53.02 0.64 1.67 | 56.20 0.67 1.83 | 49.12 0.59 1.47 | 31.87 0.70 9.70 | 38.99 0.83 0.00 | 33.22 1.06 0.00 |
| NORTHPORT___2 23552 | 33.90 1.45 -0.62 | 41.29 1.72 -3.47 | 39.40 1.64 0.00 | 42.28 1.62 0.00 | 41.86 1.19 0.00 | 32.02 0.71 0.00 | 45.43 0.94 0.00 | 64.50 0.87 0.68 | 58.50 1.19 2.21 | 45.07 1.09 0.02 | 43.44 1.95 -0.98 | 44.28 2.46 -1.02 | 48.77 2.57 -7.64 | 44.76 1.96 -5.45 | 33.15 1.75 -3.57 | 36.31 1.34 -11.63 | 37.20 1.48 0.07 | 39.82 1.14 4.66 | 53.02 0.64 1.67 | 56.20 0.67 1.83 | 49.12 0.59 1.47 | 31.87 0.70 9.70 | 38.99 0.83 0.00 | 33.22 1.06 0.00 |
| NORTHPORT___3 23553 | 33.70 1.24 -0.63 | 41.08 1.45 -3.53 | 39.13 1.37 0.00 | 41.98 1.33 0.00 | 41.54 0.87 0.00 | 31.74 0.44 0.00 | 45.05 0.56 0.00 | 54.87 0.67 10.12 | 19.19 1.29 41.61 | 44.70 1.01 0.30 | 43.22 1.72 -0.99 | 44.01 2.18 -1.03 | 48.61 2.27 -7.77 | 44.56 1.67 -5.55 | 33.06 1.57 -3.66 | 36.35 1.16 -11.84 | 35.60 1.21 1.40 | 15.75 1.14 28.73 | 20.01 0.76 34.80 | 20.01 0.80 38.14 | 20.01 0.67 30.66 | 21.88 0.65 19.64 | 38.83 0.68 0.01 | 32.97 0.82 0.00 |
| NORTHPORT___4 23650 | 33.70 1.24 -0.63 | 41.08 1.45 -3.53 | 39.13 1.37 0.00 | 41.98 1.33 0.00 | 41.54 0.87 0.00 | 31.74 0.44 0.00 | 45.05 0.56 0.00 | 54.87 0.67 10.12 | 19.19 1.29 41.61 | 44.70 1.01 0.30 | 43.22 1.72 -0.99 | 44.01 2.18 -1.03 | 48.61 2.27 -7.77 | 44.56 1.67 -5.55 | 33.06 1.57 -3.66 | 36.35 1.16 -11.84 | 35.60 1.21 1.40 | 15.75 1.14 28.73 | 20.01 0.76 34.80 | 20.01 0.80 38.14 | 20.01 0.67 30.66 | 21.88 0.65 19.64 | 38.83 0.68 0.01 | 32.97 0.82 0.00 |
| NORTHPORT___IC 23718 | 33.90 1.45 -0.62 | 41.29 1.72 -3.47 | 39.41 1.64 0.00 | 42.28 1.62 0.00 | 41.85 1.18 0.00 | 32.02 0.71 0.00 | 45.43 0.94 0.00 | 64.49 0.86 0.68 | 58.50 1.19 2.21 | 45.04 1.06 0.02 | 43.46 1.96 -0.98 | 44.29 2.47 -1.02 | 48.76 2.55 -7.64 | 44.75 1.95 -5.45 | 33.16 1.76 -3.57 | 36.32 1.34 -11.63 | 37.20 1.48 0.07 | 39.83 1.14 4.66 | 53.02 0.63 1.67 | 56.19 0.67 1.83 | 49.13 0.59 1.47 | 31.88 0.70 9.70 | 38.98 0.83 0.00 | 33.22 1.06 0.00 |
| NORTH___COUNTRY_ESR 323785 | 31.55 -0.29 0.00 | 35.88 -0.21 0.00 | 37.79 0.03 0.00 | 40.79 0.13 0.00 | 41.02 0.35 0.00 | 31.48 0.19 0.00 | 44.30 -0.20 0.00 | 63.78 -0.54 0.00 | 59.03 -0.48 0.00 | 43.76 -0.23 0.00 | 40.28 -0.23 0.00 | 40.40 -0.41 0.00 | 37.94 -0.63 0.00 | 37.15 -0.19 0.00 | 27.54 -0.29 0.00 | 23.11 -0.24 0.00 | 35.55 -0.24 0.00 | 43.03 -0.31 0.00 | 53.98 -0.07 0.00 | 57.10 -0.26 0.00 | 49.83 -0.17 0.00 | 40.81 -0.06 0.00 | 38.12 -0.03 0.00 | 32.22 0.07 0.00 |
| NPX_GEN_1385_PROXY 323591 | 12.18 0.86 20.51 | 40.71 1.14 -3.47 | 38.76 1.00 0.00 | 41.56 0.90 0.00 | 22.13 0.42 18.95 | 20.90 0.13 10.52 | 44.90 0.40 0.00 | 63.90 0.27 0.68 | 57.89 0.59 2.21 | 44.51 0.53 0.02 | 33.84 1.17 7.84 | 34.73 1.67 7.74 | 34.41 1.83 5.98 | 30.27 1.25 8.32 | 13.61 1.23 15.45 | 28.55 0.91 -4.30 | 36.81 1.09 0.07 | 39.38 0.69 4.66 | 52.39 0.00 1.67 | 55.29 -0.23 1.83 | 33.55 -0.34 16.11 | 31.18 0.01 9.70 | 25.60 0.12 12.66 | 23.50 0.45 9.10 |
| NPX_GEN_CSC 323557 | 33.75 1.29 -0.63 | 41.11 1.50 -3.52 | 39.21 1.44 0.00 | 42.11 1.45 0.00 | 41.77 1.10 0.00 | 32.00 0.70 0.00 | 45.44 0.94 0.00 | 64.24 0.93 1.00 | 57.43 1.19 3.27 | 45.01 1.04 0.02 | 43.33 1.83 -0.99 | 43.96 2.13 -1.03 | 48.69 2.38 -7.74 | 44.58 1.71 -5.53 | 32.93 1.46 -3.64 | 36.37 1.22 -11.80 | 37.26 1.57 0.10 | 42.47 1.17 2.04 | 52.01 0.44 2.48 | 55.04 0.41 2.72 | 48.21 0.39 2.18 | 40.22 0.74 1.40 | 39.00 0.85 0.00 | 33.09 0.93 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 32.89 1.06 0.00 | 37.26 1.16 0.00 | 38.97 1.21 0.00 | 41.94 1.27 0.00 | 41.92 1.25 0.00 | 32.30 1.00 0.00 | 46.60 2.10 0.00 | 67.65 3.33 0.00 | 62.50 2.98 0.00 | 46.08 2.09 0.00 | 42.40 1.89 0.00 | 42.70 1.90 0.00 | 40.18 1.62 0.00 | 38.42 1.08 0.00 | 28.63 0.81 0.00 | 24.14 0.79 0.00 | 37.16 1.37 0.00 | 45.49 2.14 0.00 | 56.87 2.82 0.00 | 60.19 2.84 0.00 | 52.38 2.37 0.00 | 42.73 1.86 0.00 | 39.66 1.51 0.00 | 33.18 1.03 0.00 |
| NUCOR_STEEL___DRP 24197 | 31.95 0.12 0.00 | 36.30 0.20 0.00 | 37.90 0.13 0.00 | 40.90 0.24 0.00 | 40.93 0.26 0.00 | 31.51 0.21 0.00 | 45.09 0.59 0.00 | 65.15 0.84 0.00 | 60.28 0.77 0.00 | 44.53 0.54 0.00 | 40.88 0.38 0.00 | 41.14 0.34 0.00 | 38.75 0.19 0.00 | 37.19 -0.15 0.00 | 27.61 -0.21 0.00 | 23.14 -0.20 0.00 | 35.58 -0.21 0.00 | 43.25 -0.10 0.00 | 54.23 0.17 0.00 | 57.94 0.58 0.00 | 50.20 0.20 0.00 | 41.24 0.37 0.00 | 38.40 0.24 0.00 | 32.43 0.27 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 32.68 0.84 0.00 | 36.72 0.63 0.00 | 38.08 0.32 0.00 | 41.25 0.59 0.00 | 41.42 0.75 0.00 | 32.12 0.82 0.00 | 45.71 1.21 0.00 | 66.04 1.73 0.00 | 60.92 1.41 0.00 | 44.96 0.97 0.00 | 41.03 0.52 0.00 | 40.61 -0.19 0.00 | 37.85 -0.72 0.00 | 36.28 -1.06 0.00 | 27.07 -0.76 0.00 | 22.81 -0.53 0.00 | 35.49 -0.30 0.00 | 44.01 0.67 0.00 | 55.80 1.74 0.00 | 59.26 1.91 0.00 | 51.15 1.15 0.00 | 41.67 0.79 0.00 | 39.03 0.87 0.00 | 32.60 0.44 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 31.83 0.00 0.00 | 36.09 0.00 0.00 | 37.76 0.00 0.00 | 40.66 0.00 0.00 | 40.67 0.00 0.00 | 31.30 0.00 0.00 | 44.50 0.00 0.00 | 64.31 0.00 0.00 | 59.51 0.00 0.00 | 43.99 0.00 0.00 | 40.51 0.00 0.00 | 40.80 0.00 0.00 | 38.56 0.00 0.00 | 37.35 0.00 0.00 | 27.83 0.00 0.00 | 23.35 0.00 0.00 | 35.79 0.00 0.00 | 43.34 0.00 0.00 | 54.06 0.00 0.00 | 57.35 0.00 0.00 | 50.00 0.00 0.00 | 40.87 0.00 0.00 | 38.15 0.00 0.00 | 32.16 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 34.21 1.73 -0.65 | 41.72 1.98 -3.64 | 39.68 1.91 0.00 | 42.56 1.90 0.00 | 42.20 1.53 0.00 | 32.34 1.04 0.00 | 45.99 1.50 0.00 | 64.57 1.61 1.35 | 57.19 2.07 4.40 | 45.67 1.71 0.03 | 43.98 2.44 -1.03 | 44.75 2.89 -1.06 | 49.55 2.98 -8.00 | 45.39 2.33 -5.71 | 33.62 1.99 -3.80 | 37.11 1.54 -12.22 | 37.56 1.91 0.13 | 42.56 1.96 2.75 | 52.21 1.48 3.33 | 55.28 1.58 3.65 | 48.61 1.54 2.93 | 40.46 1.47 1.88 | 39.53 1.37 0.00 | 33.57 1.41 0.00 |

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| NYPA_GOWANUS____GT5 24156 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NYPA_GOWANUS____GT6 24157 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.74 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.22 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.03 2.64 -0.05 | 52.22 1.94 -22.45 | 41.05 1.48 -16.23 | 38.20 2.37 -0.05 | 45.83 2.49 0.00 | 56.83 2.77 0.00 | 60.18 2.83 0.00 | 52.24 2.24 0.00 | 42.65 1.78 0.00 | 39.89 1.74 0.00 | 33.79 1.64 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 33.32 1.49 0.00 | 37.73 1.63 0.00 | 39.28 1.52 0.00 | 42.11 1.45 0.00 | 42.05 1.38 0.00 | 32.59 1.29 0.00 | 46.65 2.15 0.00 | 67.68 3.37 0.00 | 62.57 3.06 0.00 | 46.19 2.19 0.00 | 42.91 2.40 0.00 | 43.48 2.69 0.00 | 41.45 2.89 0.00 | 39.91 2.52 -0.05 | 52.02 1.75 -22.44 | 40.88 1.37 -16.16 | 38.12 2.28 -0.05 | 45.73 2.38 0.00 | 56.63 2.57 0.00 | 60.02 2.67 0.00 | 52.12 2.12 0.00 | 42.62 1.75 0.00 | 39.77 1.62 0.00 | 33.63 1.47 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 33.32 1.49 0.00 | 37.73 1.63 0.00 | 39.28 1.52 0.00 | 42.11 1.45 0.00 | 42.05 1.38 0.00 | 32.59 1.29 0.00 | 46.65 2.15 0.00 | 67.68 3.37 0.00 | 62.57 3.06 0.00 | 46.19 2.19 0.00 | 42.91 2.40 0.00 | 43.48 2.69 0.00 | 41.45 2.89 0.00 | 39.91 2.52 -0.05 | 52.02 1.75 -22.44 | 40.88 1.37 -16.16 | 38.12 2.28 -0.05 | 45.73 2.38 0.00 | 56.63 2.57 0.00 | 60.02 2.67 0.00 | 52.12 2.12 0.00 | 42.62 1.75 0.00 | 39.77 1.62 0.00 | 33.63 1.47 0.00 |
| NYPA_KENT____GT 24152 | 33.43 1.59 0.00 | 37.86 1.77 0.00 | 39.39 1.63 0.00 | 42.23 1.56 0.00 | 42.16 1.50 0.00 | 32.74 1.44 0.00 | 46.72 2.23 0.00 | 67.72 3.41 0.00 | 62.70 3.18 0.00 | 46.32 2.33 0.00 | 43.06 2.55 0.00 | 43.64 2.83 0.00 | 41.57 3.01 0.00 | 40.04 2.64 -0.05 | 52.24 1.96 -22.45 | 41.09 1.51 -16.23 | 38.20 2.36 -0.05 | 45.81 2.46 0.00 | 56.77 2.71 0.00 | 60.12 2.77 0.00 | 52.18 2.17 0.00 | 42.61 1.74 0.00 | 39.84 1.69 0.00 | 33.76 1.61 0.00 |
| NYPA_POUCH1____GT 24155 | 33.42 1.59 0.00 | 37.83 1.74 0.00 | 39.34 1.58 0.00 | 42.18 1.52 0.00 | 42.22 1.54 0.00 | 32.81 1.51 0.00 | 46.76 2.26 0.00 | 67.77 3.46 0.00 | 62.72 3.21 0.00 | 46.37 2.38 0.00 | 43.04 2.53 0.00 | 43.62 2.82 0.00 | 41.58 3.02 0.00 | 39.96 2.57 -0.05 | 52.12 1.85 -22.45 | 40.95 1.38 -16.23 | 38.14 2.30 -0.05 | 45.74 2.39 0.00 | 56.74 2.68 0.00 | 60.10 2.74 0.00 | 52.17 2.17 0.00 | 42.60 1.73 0.00 | 39.88 1.73 0.00 | 33.83 1.68 0.00 |
| NYPA_VERNON____GT2 24162 | 33.42 1.58 0.00 | 37.87 1.77 0.00 | 39.42 1.66 0.00 | 42.25 1.59 0.00 | 42.16 1.50 0.00 | 32.71 1.41 0.00 | 46.70 2.20 0.00 | 67.67 3.36 0.00 | 62.64 3.12 0.00 | 46.29 2.30 0.00 | 43.04 2.53 0.00 | 43.62 2.82 0.00 | 41.55 2.99 0.00 | 40.03 2.63 -0.05 | 52.27 1.99 -22.45 | 41.12 1.54 -16.23 | 38.19 2.35 -0.05 | 45.81 2.47 0.00 | 56.78 2.72 0.00 | 60.10 2.74 0.00 | 52.15 2.15 0.00 | 42.58 1.71 0.00 | 39.78 1.63 0.00 | 33.71 1.56 0.00 |
| NYPA_VERNON____GT3 24163 | 33.42 1.58 0.00 | 37.87 1.77 0.00 | 39.42 1.66 0.00 | 42.25 1.59 0.00 | 42.16 1.50 0.00 | 32.71 1.41 0.00 | 46.70 2.20 0.00 | 67.67 3.36 0.00 | 62.64 3.12 0.00 | 46.29 2.30 0.00 | 43.04 2.53 0.00 | 43.62 2.82 0.00 | 41.55 2.99 0.00 | 40.03 2.63 -0.05 | 52.27 1.99 -22.45 | 41.12 1.54 -16.23 | 38.19 2.35 -0.05 | 45.81 2.47 0.00 | 56.78 2.72 0.00 | 60.10 2.74 0.00 | 52.15 2.15 0.00 | 42.58 1.71 0.00 | 39.78 1.63 0.00 | 33.71 1.56 0.00 |
| NYPA____ASTORIA_CC1 323568 | 33.38 1.55 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.13 1.46 0.00 | 32.68 1.38 0.00 | 46.63 2.13 0.00 | 67.55 3.24 0.00 | 62.52 3.00 0.00 | 46.21 2.22 0.00 | 42.98 2.47 0.00 | 43.55 2.75 0.00 | 41.50 2.94 0.00 | 39.98 2.58 -0.05 | 52.20 1.93 -22.45 | 41.08 1.50 -16.23 | 38.12 2.28 -0.05 | 45.72 2.38 0.00 | 56.67 2.61 0.00 | 59.98 2.63 0.00 | 52.06 2.06 0.00 | 42.51 1.64 0.00 | 39.73 1.57 0.00 | 33.68 1.52 0.00 |
| NYPA____ASTORIA_CC2 323569 | 33.38 1.55 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.13 1.46 0.00 | 32.68 1.38 0.00 | 46.63 2.13 0.00 | 67.55 3.24 0.00 | 62.52 3.00 0.00 | 46.21 2.22 0.00 | 42.98 2.47 0.00 | 43.55 2.75 0.00 | 41.50 2.94 0.00 | 39.98 2.58 -0.05 | 52.20 1.93 -22.45 | 41.08 1.50 -16.23 | 38.12 2.28 -0.05 | 45.72 2.38 0.00 | 56.67 2.61 0.00 | 59.98 2.63 0.00 | 52.06 2.06 0.00 | 42.51 1.64 0.00 | 39.73 1.57 0.00 | 33.68 1.52 0.00 |
| NYPA____HOLTSVILL 23794 | 33.98 1.52 -0.63 | 41.37 1.77 -3.51 | 39.47 1.71 0.00 | 42.37 1.71 0.00 | 42.00 1.33 0.00 | 32.16 0.86 0.00 | 45.63 1.13 0.00 | 64.58 1.20 0.93 | 57.93 1.45 3.03 | 45.24 1.27 0.02 | 43.55 2.05 -0.99 | 44.22 2.39 -1.03 | 48.87 2.59 -7.73 | 44.79 1.93 -5.51 | 33.10 1.64 -3.63 | 36.45 1.33 -11.77 | 37.35 1.65 0.09 | 42.84 1.39 1.90 | 52.49 0.73 2.30 | 55.58 0.75 2.52 | 48.67 0.69 2.02 | 40.59 1.02 1.30 | 39.28 1.13 0.00 | 33.35 1.19 0.00 |
| NYPA____HELLGATE_GT1 24158 | 33.32 1.49 0.00 | 37.73 1.63 0.00 | 39.28 1.52 0.00 | 42.11 1.45 0.00 | 42.05 1.38 0.00 | 32.59 1.29 0.00 | 46.68 2.18 0.00 | 67.74 3.43 0.00 | 62.63 3.11 0.00 | 46.26 2.27 0.00 | 42.94 2.43 0.00 | 43.48 2.69 0.00 | 41.45 2.89 0.00 | 39.91 2.52 -0.05 | 52.02 1.75 -22.44 | 40.88 1.37 -16.16 | 38.12 2.28 -0.05 | 45.73 2.39 0.00 | 56.71 2.66 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.62 1.75 0.00 | 39.77 1.62 0.00 | 33.63 1.47 0.00 |
| NYPA____HELLGATE_GT2 24159 | 33.32 1.49 0.00 | 37.73 1.63 0.00 | 39.28 1.52 0.00 | 42.11 1.45 0.00 | 42.05 1.38 0.00 | 32.59 1.29 0.00 | 46.68 2.18 0.00 | 67.74 3.43 0.00 | 62.63 3.11 0.00 | 46.26 2.27 0.00 | 42.94 2.43 0.00 | 43.48 2.69 0.00 | 41.45 2.89 0.00 | 39.91 2.52 -0.05 | 52.02 1.75 -22.44 | 40.88 1.37 -16.16 | 38.12 2.28 -0.05 | 45.73 2.39 0.00 | 56.71 2.66 0.00 | 60.12 2.77 0.00 | 52.18 2.18 0.00 | 42.62 1.75 0.00 | 39.77 1.62 0.00 | 33.63 1.47 0.00 |
| NYS_BARGE____HYD 23848 | 31.79 -0.04 0.00 | 36.28 0.18 0.00 | 37.92 0.16 0.00 | 41.05 0.39 0.00 | 41.06 0.39 0.00 | 32.08 0.79 0.00 | 45.60 1.10 0.00 | 65.11 0.79 0.00 | 60.75 1.23 0.00 | 45.52 1.53 0.00 | 41.10 0.97 0.38 | 41.90 1.10 0.00 | 39.57 1.01 0.00 | 38.02 0.67 0.00 | 28.19 0.36 0.00 | 23.58 0.24 0.00 | 35.46 -0.33 0.00 | 41.80 -1.54 0.00 | 52.13 -1.93 0.00 | 55.55 -1.80 0.00 | 48.66 -1.34 0.00 | 40.43 -0.44 0.00 | 38.39 0.24 0.00 | 32.59 0.44 0.00 |
| OAK ORCHARD____HYD 24046 | 31.94 0.11 0.00 | 36.30 0.21 0.00 | 37.94 0.18 0.00 | 40.94 0.28 0.00 | 40.98 0.31 0.00 | 31.86 0.56 0.00 | 45.51 1.01 0.00 | 65.59 1.28 0.00 | 60.97 1.46 0.00 | 45.35 1.35 0.00 | 41.28 0.95 0.17 | 41.79 0.99 0.00 | 39.35 0.79 0.00 | 37.92 0.58 0.00 | 28.20 0.37 0.00 | 23.65 0.31 0.00 | 35.93 0.14 0.00 | 43.13 -0.21 0.00 | 53.85 -0.20 0.00 | 57.32 -0.03 0.00 | 50.01 0.00 0.00 | 41.09 0.22 0.00 | 38.60 0.45 0.00 | 32.56 0.40 0.00 |

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| OAKDALE___35_KV_LOAD 356122 | 31.94 0.11 0.00 | 36.34 0.25 0.00 | 37.95 0.19 0.00 | 40.99 0.33 0.00 | 40.93 0.26 0.00 | 31.68 0.38 0.00 | 45.44 0.94 0.00 | 65.61 1.30 0.00 | 60.71 1.20 0.00 | 44.87 0.88 0.00 | 41.21 0.70 0.00 | 41.72 0.92 0.00 | 39.34 0.78 0.00 | 37.79 0.44 0.00 | 28.05 0.23 0.00 | 23.44 0.08 0.00 | 35.87 0.08 0.00 | 43.45 0.11 0.00 | 54.35 0.29 0.00 | 57.89 0.54 0.00 | 50.27 0.27 0.00 | 41.15 0.28 0.00 | 38.52 0.37 0.00 | 32.45 0.30 0.00 |
| OCC_CHEM___DRP 24175 | 31.50 -0.33 0.00 | 35.96 -0.14 0.00 | 37.60 -0.16 0.00 | 40.67 0.01 0.00 | 40.72 0.05 0.00 | 31.78 0.48 0.00 | 45.10 0.60 0.00 | 64.43 0.12 0.00 | 60.22 0.71 0.00 | 45.22 1.23 0.00 | 41.30 0.79 0.00 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.94 0.60 0.00 | 28.12 0.29 0.00 | 23.47 0.12 0.00 | 35.25 -0.54 0.00 | 41.35 -2.00 0.00 | 51.30 -2.76 0.00 | 54.66 -2.70 0.00 | 47.92 -2.08 0.00 | 39.99 -0.88 0.00 | 38.08 -0.07 0.00 | 32.29 0.14 0.00 |
| OH_GEN_PROXY 24063 | 31.50 -0.33 0.00 | 35.94 -0.15 0.00 | 37.59 -0.17 0.00 | 40.67 0.01 0.00 | 40.69 0.02 0.00 | 31.76 0.46 0.00 | 45.15 0.66 0.00 | 64.59 0.28 0.00 | 60.31 0.79 0.00 | 45.20 1.20 0.00 | 40.82 0.80 0.49 | 41.77 0.97 0.00 | 39.42 0.86 0.00 | 37.97 0.62 0.00 | 28.17 0.34 0.00 | 23.50 0.15 0.00 | 35.32 -0.47 0.00 | 41.72 -1.62 0.00 | 51.86 -2.20 0.00 | 55.23 -2.12 0.00 | 48.34 -1.67 0.00 | 40.15 -0.72 0.00 | 38.09 -0.06 0.00 | 32.27 0.11 0.00 |
| OLIN_CORP_DRP 24177 | 31.46 -0.37 0.00 | 35.90 -0.20 0.00 | 37.54 -0.22 0.00 | 40.63 -0.03 0.00 | 40.65 -0.02 0.00 | 31.74 0.44 0.00 | 45.03 0.54 0.00 | 64.18 -0.13 0.00 | 59.86 0.35 0.00 | 44.94 0.94 0.00 | 40.99 0.48 0.00 | 41.45 0.64 0.00 | 39.11 0.54 0.00 | 37.64 0.29 0.00 | 27.89 0.06 0.00 | 23.29 -0.06 0.00 | 35.00 -0.79 0.00 | 41.24 -2.10 0.00 | 51.31 -2.75 0.00 | 54.68 -2.67 0.00 | 47.93 -2.07 0.00 | 39.86 -1.01 0.00 | 37.90 -0.26 0.00 | 32.24 0.09 0.00 |
| OLIN_CORP_DSASP 323712 | 31.50 -0.33 0.00 | 35.96 -0.14 0.00 | 37.60 -0.16 0.00 | 40.67 0.01 0.00 | 40.71 0.04 0.00 | 31.78 0.48 0.00 | 45.11 0.61 0.00 | 64.43 0.12 0.00 | 60.22 0.70 0.00 | 45.20 1.21 0.00 | 40.86 0.79 0.45 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.94 0.59 0.00 | 28.15 0.32 0.00 | 23.50 0.15 0.00 | 35.28 -0.51 0.00 | 41.35 -2.00 0.00 | 51.30 -2.75 0.00 | 54.64 -2.72 0.00 | 47.91 -2.09 0.00 | 40.00 -0.87 0.00 | 38.10 -0.05 0.00 | 32.29 0.13 0.00 |
| ONEIDA_HERK_LFGE 323681 | 32.59 0.75 0.00 | 36.82 0.72 0.00 | 38.36 0.60 0.00 | 41.43 0.77 0.00 | 41.50 0.83 0.00 | 32.11 0.81 0.00 | 45.87 1.37 0.00 | 66.29 1.98 0.00 | 61.20 1.69 0.00 | 45.24 1.25 0.00 | 41.39 0.88 0.00 | 41.37 0.57 0.00 | 38.75 0.19 0.00 | 37.23 -0.12 0.00 | 27.75 -0.08 0.00 | 23.33 -0.02 0.00 | 36.10 0.31 0.00 | 44.33 0.98 0.00 | 55.74 1.68 0.00 | 59.17 1.82 0.00 | 51.32 1.32 0.00 | 41.88 1.01 0.00 | 39.10 0.95 0.00 | 32.79 0.63 0.00 |
| ONEIDA___115KV_TB4 55905 | 32.60 0.77 0.00 | 36.95 0.86 0.00 | 38.60 0.84 0.00 | 41.64 0.98 0.00 | 41.67 1.01 0.00 | 32.26 0.96 0.00 | 46.20 1.70 0.00 | 66.85 2.54 0.00 | 61.74 2.23 0.00 | 45.65 1.65 0.00 | 41.77 1.26 0.00 | 41.95 1.15 0.00 | 39.29 0.73 0.00 | 37.68 0.34 0.00 | 28.06 0.24 0.00 | 23.55 0.20 0.00 | 36.36 0.57 0.00 | 44.50 1.15 0.00 | 55.80 1.74 0.00 | 59.23 1.88 0.00 | 51.50 1.50 0.00 | 42.09 1.22 0.00 | 39.26 1.10 0.00 | 32.98 0.83 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 31.70 -0.13 0.00 | 35.96 -0.13 0.00 | 37.57 -0.19 0.00 | 40.50 -0.16 0.00 | 40.50 -0.17 0.00 | 31.31 0.01 0.00 | 44.77 0.27 0.00 | 64.76 0.44 0.00 | 59.93 0.42 0.00 | 44.27 0.27 0.00 | 40.70 0.19 0.00 | 40.99 0.19 0.00 | 38.61 0.05 0.00 | 37.14 -0.20 0.00 | 27.60 -0.23 0.00 | 23.16 -0.19 0.00 | 35.56 -0.23 0.00 | 43.16 -0.18 0.00 | 54.00 -0.05 0.00 | 57.41 0.06 0.00 | 49.93 -0.08 0.00 | 40.86 -0.01 0.00 | 38.20 0.05 0.00 | 32.14 -0.02 0.00 |
| ONONDAGA___COGEN 23986 | 31.65 -0.18 0.00 | 35.91 -0.19 0.00 | 37.52 -0.25 0.00 | 40.45 -0.21 0.00 | 40.44 -0.22 0.00 | 31.25 -0.05 0.00 | 44.68 0.18 0.00 | 64.61 0.30 0.00 | 59.78 0.26 0.00 | 44.15 0.16 0.00 | 40.60 0.09 0.00 | 40.89 0.09 0.00 | 38.52 -0.04 0.00 | 37.06 -0.28 0.00 | 27.54 -0.28 0.00 | 23.12 -0.23 0.00 | 35.51 -0.28 0.00 | 43.09 -0.25 0.00 | 53.90 -0.16 0.00 | 57.31 -0.04 0.00 | 49.83 -0.17 0.00 | 40.81 -0.06 0.00 | 38.12 -0.03 0.00 | 32.09 -0.06 0.00 |
| ONTARIO___LFGE 23819 | 31.97 0.13 0.00 | 36.37 0.28 0.00 | 37.99 0.23 0.00 | 41.08 0.42 0.00 | 41.05 0.38 0.00 | 31.94 0.64 0.00 | 45.79 1.30 0.00 | 65.95 1.64 0.00 | 61.14 1.62 0.00 | 45.15 1.15 0.00 | 41.43 0.92 0.00 | 41.70 0.89 0.00 | 39.30 0.74 0.00 | 37.61 0.26 0.00 | 27.90 0.07 0.00 | 23.30 -0.05 0.00 | 35.75 -0.04 0.00 | 43.39 0.05 0.00 | 54.44 0.38 0.00 | 58.06 0.70 0.00 | 50.41 0.40 0.00 | 41.36 0.49 0.00 | 38.78 0.63 0.00 | 32.61 0.46 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 31.40 -0.44 0.00 | 35.99 -0.10 0.00 | 37.63 -0.13 0.00 | 40.89 0.22 0.00 | 40.81 0.14 0.00 | 31.89 0.59 0.00 | 45.62 1.12 0.00 | 65.43 1.12 0.00 | 60.84 1.33 0.00 | 45.29 1.30 0.00 | 41.18 0.67 0.00 | 41.73 0.93 0.00 | 39.28 0.72 0.00 | 37.65 0.31 0.00 | 27.79 -0.03 0.00 | 23.17 -0.18 0.00 | 35.31 -0.48 0.00 | 42.22 -1.13 0.00 | 52.79 -1.27 0.00 | 56.36 -0.99 0.00 | 49.15 -0.85 0.00 | 40.59 -0.28 0.00 | 38.28 0.13 0.00 | 32.22 0.07 0.00 |
| ORANGEVILLE___ESR 323794 | 31.40 -0.44 0.00 | 35.99 -0.10 0.00 | 37.63 -0.13 0.00 | 40.89 0.22 0.00 | 40.81 0.14 0.00 | 31.89 0.59 0.00 | 45.62 1.12 0.00 | 65.43 1.12 0.00 | 60.84 1.33 0.00 | 45.29 1.30 0.00 | 41.18 0.67 0.00 | 41.73 0.93 0.00 | 39.28 0.72 0.00 | 37.65 0.31 0.00 | 27.79 -0.03 0.00 | 23.17 -0.18 0.00 | 35.31 -0.48 0.00 | 42.22 -1.13 0.00 | 52.79 -1.27 0.00 | 56.36 -0.99 0.00 | 49.15 -0.85 0.00 | 40.59 -0.28 0.00 | 38.28 0.13 0.00 | 32.22 0.07 0.00 |
| OSWEGATCHIE___HYD 24044 | 32.61 0.77 0.00 | 36.77 0.67 0.00 | 38.29 0.53 0.00 | 41.42 0.75 0.00 | 41.59 0.92 0.00 | 32.13 0.83 0.00 | 45.40 0.90 0.00 | 65.62 1.31 0.00 | 60.52 1.01 0.00 | 44.72 0.73 0.00 | 40.84 0.33 0.00 | 40.44 -0.36 0.00 | 37.85 -0.71 0.00 | 36.63 -0.71 0.00 | 27.28 -0.55 0.00 | 22.97 -0.38 0.00 | 35.63 -0.16 0.00 | 43.83 0.49 0.00 | 55.34 1.28 0.00 | 58.81 1.46 0.00 | 51.20 1.20 0.00 | 41.85 0.98 0.00 | 39.12 0.97 0.00 | 32.78 0.63 0.00 |
| OSWEGO___5 23606 | 31.15 -0.69 0.00 | 35.33 -0.76 0.00 | 36.93 -0.84 0.00 | 39.79 -0.87 0.00 | 39.80 -0.87 0.00 | 30.72 -0.58 0.00 | 43.83 -0.66 0.00 | 63.36 -0.95 0.00 | 58.67 -0.85 0.00 | 43.36 -0.64 0.00 | 39.88 -0.63 0.00 | 40.18 -0.62 0.00 | 37.89 -0.67 0.00 | 36.54 -0.80 0.00 | 27.20 -0.63 0.00 | 22.82 -0.53 0.00 | 34.97 -0.82 0.00 | 42.37 -0.98 0.00 | 52.92 -1.14 0.00 | 56.22 -1.13 0.00 | 48.95 -1.05 0.00 | 40.08 -0.79 0.00 | 37.46 -0.69 0.00 | 31.56 -0.59 0.00 |
| OSWEGO___6 23613 | 31.15 -0.69 0.00 | 35.33 -0.76 0.00 | 36.93 -0.84 0.00 | 39.79 -0.87 0.00 | 39.80 -0.87 0.00 | 30.72 -0.58 0.00 | 43.83 -0.66 0.00 | 63.36 -0.95 0.00 | 58.67 -0.85 0.00 | 43.36 -0.64 0.00 | 39.88 -0.63 0.00 | 40.18 -0.62 0.00 | 37.89 -0.67 0.00 | 36.54 -0.80 0.00 | 27.20 -0.63 0.00 | 22.82 -0.53 0.00 | 34.97 -0.82 0.00 | 42.37 -0.98 0.00 | 52.92 -1.14 0.00 | 56.22 -1.13 0.00 | 48.95 -1.05 0.00 | 40.08 -0.79 0.00 | 37.46 -0.69 0.00 | 31.56 -0.59 0.00 |

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| OUTOKUMPU-AB___DRP 24206 | 31.95 0.12 0.00 | 36.47 0.37 0.00 | 38.10 0.34 0.00 | 41.25 0.58 0.00 | 41.26 0.59 0.00 | 32.23 0.93 0.00 | 45.84 1.34 0.00 | 65.59 1.27 0.00 | 61.24 1.73 0.00 | 45.92 1.93 0.00 | 41.89 1.38 0.00 | 42.33 1.53 0.00 | 39.94 1.38 0.00 | 38.43 1.09 0.00 | 28.46 0.63 0.00 | 23.77 0.42 0.00 | 35.77 -0.02 0.00 | 42.19 -1.15 0.00 | 52.53 -1.53 0.00 | 55.99 -1.36 0.00 | 49.01 -0.99 0.00 | 40.73 -0.14 0.00 | 38.66 0.51 0.00 | 32.77 0.61 0.00 |
| OXBOW___BTM 323836 | 31.70 -0.13 0.00 | 36.19 0.09 0.00 | 37.82 0.05 0.00 | 40.93 0.27 0.00 | 40.93 0.26 0.00 | 31.98 0.67 0.00 | 45.44 0.94 0.00 | 64.96 0.65 0.00 | 60.70 1.19 0.00 | 45.53 1.53 0.00 | 41.13 1.06 0.44 | 42.01 1.21 0.00 | 39.64 1.08 0.00 | 38.16 0.81 0.00 | 28.30 0.48 0.00 | 23.64 0.30 0.00 | 35.52 -0.27 0.00 | 41.75 -1.59 0.00 | 51.89 -2.17 0.00 | 55.29 -2.06 0.00 | 48.44 -1.56 0.00 | 40.35 -0.53 0.00 | 38.36 0.21 0.00 | 32.50 0.34 0.00 |
| OXBOW___ 24026 | 31.70 -0.13 0.00 | 36.19 0.09 0.00 | 37.82 0.05 0.00 | 40.92 0.26 0.00 | 40.95 0.28 0.00 | 31.98 0.68 0.00 | 45.44 0.94 0.00 | 64.96 0.65 0.00 | 60.70 1.19 0.00 | 45.55 1.55 0.00 | 41.57 1.06 0.00 | 42.01 1.21 0.00 | 39.64 1.08 0.00 | 38.16 0.82 0.00 | 28.27 0.45 0.00 | 23.61 0.26 0.00 | 35.50 -0.29 0.00 | 41.75 -1.59 0.00 | 51.89 -2.17 0.00 | 55.30 -2.05 0.00 | 48.45 -1.56 0.00 | 40.34 -0.53 0.00 | 38.35 0.20 0.00 | 32.50 0.35 0.00 |
| OXY_CHEM_DSASP 323612 | 31.50 -0.33 0.00 | 35.96 -0.14 0.00 | 37.60 -0.16 0.00 | 40.67 0.01 0.00 | 40.72 0.05 0.00 | 31.78 0.48 0.00 | 45.10 0.60 0.00 | 64.43 0.12 0.00 | 60.22 0.71 0.00 | 45.22 1.23 0.00 | 41.30 0.79 0.00 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.94 0.60 0.00 | 28.12 0.29 0.00 | 23.47 0.12 0.00 | 35.25 -0.54 0.00 | 41.35 -2.00 0.00 | 51.30 -2.76 0.00 | 54.66 -2.70 0.00 | 47.92 -2.08 0.00 | 39.99 -0.88 0.00 | 38.08 -0.07 0.00 | 32.29 0.14 0.00 |
| OZONE_PARK_ESR 323760 | 33.65 1.82 0.00 | 38.11 2.02 0.00 | 39.67 1.91 0.00 | 42.54 1.88 0.00 | 42.44 1.77 0.00 | 32.90 1.60 0.00 | 47.15 2.65 0.00 | 68.38 4.07 0.00 | 63.30 3.79 0.00 | 46.73 2.74 0.00 | 43.43 2.92 0.00 | 44.02 3.22 0.00 | 41.90 3.34 0.00 | 40.36 2.97 -0.05 | 48.58 2.32 -18.43 | 38.50 1.83 -13.32 | 38.53 2.70 -0.04 | 46.28 2.94 0.00 | 57.42 3.36 0.00 | 60.80 3.44 0.00 | 52.76 2.76 0.00 | 43.07 2.20 0.00 | 40.18 2.03 0.00 | 33.96 1.81 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 31.50 -0.33 0.00 | 35.96 -0.14 0.00 | 37.60 -0.16 0.00 | 40.67 0.01 0.00 | 40.72 0.05 0.00 | 31.78 0.48 0.00 | 45.10 0.60 0.00 | 64.43 0.12 0.00 | 60.22 0.71 0.00 | 45.22 1.23 0.00 | 41.30 0.79 0.00 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.94 0.60 0.00 | 28.12 0.29 0.00 | 23.47 0.12 0.00 | 35.25 -0.54 0.00 | 41.35 -2.00 0.00 | 51.30 -2.76 0.00 | 54.66 -2.70 0.00 | 47.92 -2.08 0.00 | 39.99 -0.88 0.00 | 38.08 -0.07 0.00 | 32.29 0.14 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 31.50 -0.33 0.00 | 35.96 -0.14 0.00 | 37.60 -0.16 0.00 | 40.67 0.01 0.00 | 40.72 0.05 0.00 | 31.78 0.48 0.00 | 45.10 0.60 0.00 | 64.43 0.12 0.00 | 60.22 0.71 0.00 | 45.22 1.23 0.00 | 41.30 0.79 0.00 | 41.73 0.93 0.00 | 39.38 0.82 0.00 | 37.94 0.60 0.00 | 28.12 0.29 0.00 | 23.47 0.12 0.00 | 35.25 -0.54 0.00 | 41.35 -2.00 0.00 | 51.30 -2.76 0.00 | 54.66 -2.70 0.00 | 47.92 -2.08 0.00 | 39.99 -0.88 0.00 | 38.08 -0.07 0.00 | 32.29 0.14 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 33.31 1.48 0.00 | 37.74 1.64 0.00 | 39.30 1.54 0.00 | 42.14 1.48 0.00 | 42.08 1.41 0.00 | 32.62 1.32 0.00 | 46.65 2.15 0.00 | 67.66 3.35 0.00 | 62.59 3.07 0.00 | 46.22 2.22 0.00 | 42.92 2.41 0.00 | 43.47 2.67 0.00 | 41.42 2.86 0.00 | 39.87 2.48 -0.05 | 52.06 1.79 -22.45 | 40.89 1.38 -16.16 | 38.08 2.24 -0.05 | 45.70 2.35 0.00 | 56.67 2.61 0.00 | 60.07 2.72 0.00 | 52.15 2.14 0.00 | 42.58 1.71 0.00 | 39.74 1.59 0.00 | 33.63 1.47 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 33.93 2.10 0.00 | 38.46 2.37 0.00 | 40.05 2.29 0.00 | 42.97 2.31 0.00 | 42.91 2.24 0.00 | 33.29 1.99 0.00 | 47.73 3.23 0.00 | 69.19 4.88 0.00 | 63.97 4.46 0.00 | 47.20 3.21 0.00 | 43.80 3.29 0.00 | 44.37 3.56 0.00 | 42.27 3.70 0.00 | 40.66 3.26 -0.05 | 52.63 2.36 -22.45 | 41.39 1.88 -16.16 | 38.82 2.98 -0.05 | 46.56 3.22 0.00 | 57.66 3.61 0.00 | 61.21 3.86 0.00 | 53.14 3.13 0.00 | 43.42 2.54 0.00 | 40.50 2.35 0.00 | 34.25 2.09 0.00 |
| PATROON___115KV_TB1 80586 | 32.00 0.17 0.00 | 36.36 0.26 0.00 | 38.06 0.30 0.00 | 40.86 0.19 0.00 | 40.82 0.15 0.00 | 31.45 0.15 0.00 | 45.11 0.61 0.00 | 65.35 1.04 0.00 | 60.55 1.04 0.00 | 44.76 0.77 0.00 | 41.39 0.88 0.00 | 41.70 0.90 0.00 | 39.55 0.99 0.00 | 37.97 0.63 0.00 | 28.43 0.60 0.00 | 23.75 0.41 0.00 | 36.36 0.58 0.00 | 44.04 0.70 0.00 | 54.79 0.73 0.00 | 57.97 0.62 0.00 | 50.55 0.55 0.00 | 41.29 0.42 0.00 | 38.43 0.28 0.00 | 32.45 0.29 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 32.57 0.74 0.00 | 36.92 0.82 0.00 | 38.60 0.84 0.00 | 41.54 0.88 0.00 | 41.54 0.87 0.00 | 32.03 0.73 0.00 | 45.83 1.34 0.00 | 66.38 2.07 0.00 | 61.18 1.67 0.00 | 45.03 1.04 0.00 | 41.44 0.92 0.00 | 41.47 0.67 0.00 | 39.12 0.55 0.00 | 37.68 0.34 0.00 | 28.10 0.27 0.00 | 23.55 0.20 0.00 | 36.18 0.39 0.00 | 44.34 1.00 0.00 | 55.55 1.50 0.00 | 58.95 1.60 0.00 | 51.35 1.35 0.00 | 41.96 1.09 0.00 | 39.09 0.93 0.00 | 32.87 0.71 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 31.79 -0.04 0.00 | 36.29 0.20 0.00 | 37.92 0.15 0.00 | 41.05 0.39 0.00 | 41.05 0.38 0.00 | 32.08 0.77 0.00 | 45.75 1.25 0.00 | 65.61 1.30 0.00 | 61.16 1.65 0.00 | 45.75 1.76 0.00 | 41.78 1.27 0.00 | 42.33 1.53 0.00 | 39.91 1.34 0.00 | 38.35 1.00 0.00 | 28.40 0.58 0.00 | 23.65 0.30 0.00 | 35.71 -0.08 0.00 | 42.42 -0.92 0.00 | 52.93 -1.13 0.00 | 56.48 -0.87 0.00 | 49.27 -0.73 0.00 | 40.78 -0.09 0.00 | 38.58 0.42 0.00 | 32.60 0.44 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 33.29 1.46 0.00 | 37.72 1.63 0.00 | 39.32 1.57 0.00 | 42.21 1.55 0.00 | 42.13 1.46 0.00 | 32.57 1.28 0.00 | 46.77 2.27 0.00 | 67.79 3.48 0.00 | 62.75 3.23 0.00 | 46.27 2.28 0.00 | 42.93 2.42 0.00 | 43.46 2.66 0.00 | 41.29 2.73 0.00 | 39.69 2.34 0.00 | 29.66 1.84 0.00 | 24.77 1.42 0.00 | 37.89 2.11 0.00 | 45.74 2.39 0.00 | 56.91 2.86 0.00 | 60.32 2.97 0.00 | 52.40 2.40 0.00 | 42.78 1.91 0.00 | 39.87 1.72 0.00 | 33.62 1.46 0.00 |
| PEEKSKILL___ 23653 | 33.08 1.24 0.00 | 37.48 1.38 0.00 | 39.07 1.31 0.00 | 41.96 1.30 0.00 | 41.87 1.20 0.00 | 32.40 1.10 0.00 | 46.50 2.00 0.00 | 67.36 3.04 0.00 | 62.33 2.81 0.00 | 45.92 1.93 0.00 | 42.62 2.11 0.00 | 43.14 2.34 0.00 | 41.02 2.46 0.00 | 39.43 2.08 -0.61 | 30.06 1.63 -0.44 | 25.05 1.27 0.00 | 37.66 1.87 0.00 | 45.42 2.07 0.00 | 56.54 2.48 0.00 | 59.86 2.51 0.00 | 51.95 1.95 0.00 | 42.40 1.53 0.00 | 39.56 1.41 0.00 | 33.39 1.24 0.00 |
| PGE MADISON___WINDPWR 24146 | 33.71 1.88 0.00 | 38.14 2.04 0.00 | 39.95 2.19 0.00 | 43.14 2.48 0.00 | 43.09 2.42 0.00 | 33.55 2.25 0.00 | 48.20 3.70 0.00 | 69.67 5.36 0.00 | 64.35 4.84 0.00 | 47.23 3.23 0.00 | 42.59 2.08 0.00 | 42.94 2.14 0.00 | 39.94 1.38 0.00 | 38.31 0.97 0.00 | 28.15 0.33 0.00 | 23.52 0.17 0.00 | 36.43 0.64 0.00 | 45.03 1.68 0.00 | 57.32 3.26 0.00 | 60.87 3.52 0.00 | 52.72 2.72 0.00 | 43.12 2.25 0.00 | 40.29 2.14 0.00 | 33.73 1.58 0.00 |

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|----------------------------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|
| PIERCEFIELD___HYD 23852 | 32.52 0.69 0.00 | 36.81 0.71 0.00 | 38.51 0.75 0.00 | 41.55 0.89 0.00 | 41.73 1.06 0.00 | 32.14 0.84 0.00 | 45.15 0.65 0.00 | 65.20 0.89 0.00 | 60.12 0.61 0.00 | 44.64 0.65 0.00 | 40.81 0.30 0.00 | 40.54 -0.26 0.00 | 38.14 -0.43 0.00 | 37.30 -0.05 0.00 | 27.75 -0.08 0.00 | 23.33 -0.01 0.00 | 35.97 0.18 0.00 | 43.70 0.36 0.00 | 54.91 0.85 0.00 | 58.35 1.00 0.00 | 51.14 1.14 0.00 | 41.91 1.04 0.00 | 39.11 0.96 0.00 | 32.89 0.74 0.00 |
| PINELAWN_CC_1 323563 | 34.26 1.71 -0.71 | 42.06 1.97 -4.00 | 39.67 1.91 0.00 | 42.56 1.90 0.00 | 42.20 1.53 0.00 | 32.39 1.09 0.00 | 46.16 1.66 0.00 | 65.79 2.19 0.72 | 60.01 2.41 1.91 | 45.82 1.84 0.01 | 44.10 2.46 -1.13 | 44.80 2.84 -1.17 | 50.28 2.92 -8.80 | 45.93 2.31 -6.28 | 33.96 1.82 -4.31 | 38.21 1.34 -13.53 | 37.38 1.64 0.05 | 43.95 1.67 1.07 | 53.88 1.11 1.29 | 57.05 1.11 1.42 | 50.04 1.17 1.14 | 41.35 1.21 0.73 | 39.64 1.49 0.00 | 33.63 1.48 0.00 |
| PJM_GEN_HTTP_PROXY 323702 | 33.34 1.51 0.00 | 37.77 1.67 0.00 | 39.33 1.57 0.00 | 42.19 1.53 0.00 | 42.08 1.42 0.00 | 32.60 1.30 0.00 | 46.69 2.20 0.00 | 67.70 3.39 0.00 | 61.94 3.18 0.76 | 46.28 2.28 0.00 | 42.99 2.49 0.00 | 43.58 2.78 0.00 | 41.47 2.91 0.00 | 39.93 2.55 -0.03 | 43.79 2.01 -13.96 | 35.01 1.57 -10.09 | 38.11 2.29 -0.03 | 45.82 2.47 0.00 | 56.83 2.77 0.00 | 60.15 2.79 0.00 | 52.22 2.22 0.00 | 42.63 1.76 0.00 | 39.79 1.64 0.00 | 33.63 1.47 0.00 |
| PJM_GEN_KEystone 24065 | 32.12 0.28 0.00 | 36.51 0.45 0.04 | 38.12 0.36 0.00 | 41.17 0.50 0.00 | 41.10 0.43 0.00 | 28.34 0.62 3.59 | 67.73 1.30 -21.93 | 66.05 1.74 0.00 | 60.46 1.70 0.76 | 45.27 1.28 0.00 | 41.24 1.24 0.51 | 42.40 1.60 0.00 | 40.15 1.59 0.00 | 38.54 1.19 0.00 | 28.66 0.83 0.00 | 23.85 0.51 0.00 | 36.28 0.49 0.00 | 43.61 0.27 0.00 | 59.76 0.43 -5.27 | 58.24 0.60 -0.29 | 50.26 0.26 0.00 | 41.21 0.34 0.00 | 38.69 0.54 0.00 | 32.67 0.52 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 33.95 1.53 -0.59 | 41.11 1.73 -3.29 | 39.42 1.66 0.00 | 42.30 1.64 0.00 | 41.99 1.32 0.00 | 32.29 0.99 0.00 | 46.02 1.52 0.00 | 66.40 2.09 0.00 | 61.07 2.31 0.76 | 45.71 1.72 0.00 | 43.71 2.28 -0.93 | 44.37 2.61 -0.96 | 48.47 2.67 -7.23 | 44.68 2.18 -5.16 | 32.99 1.85 -3.31 | 35.73 1.42 -10.95 | 37.62 1.84 0.00 | 45.22 1.87 0.00 | 55.74 1.68 0.00 | 59.14 1.79 0.00 | 51.53 1.53 0.00 | 42.22 1.34 0.00 | 39.48 1.33 0.00 | 33.48 1.32 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 33.25 1.41 0.00 | 37.64 1.54 0.00 | 39.15 1.39 0.00 | 41.97 1.31 0.00 | 41.87 1.20 0.00 | 32.47 1.17 0.00 | 46.47 1.98 0.00 | 67.34 3.02 0.00 | 61.58 2.83 0.76 | 46.03 2.03 0.00 | 42.79 2.28 0.00 | 43.38 2.58 0.00 | 41.31 2.74 0.00 | 39.83 2.44 -0.05 | 48.20 1.95 -18.43 | 38.17 1.51 -13.32 | 37.99 2.16 -0.04 | 45.64 2.29 0.00 | 56.57 2.51 0.00 | 59.86 2.51 0.00 | 51.96 1.95 0.00 | 42.43 1.56 0.00 | 39.60 1.44 0.00 | 33.51 1.36 0.00 |
| PLATSBRG_115KV_PMLD1 355749 | 31.36 -0.47 0.00 | 35.79 -0.30 0.00 | 37.82 0.06 0.00 | 40.94 0.29 0.00 | 41.41 0.74 0.00 | 31.70 0.40 0.00 | 44.75 0.26 0.00 | 64.18 -0.13 0.00 | 59.40 -0.12 0.00 | 44.04 0.05 0.00 | 40.64 0.13 0.00 | 40.74 -0.06 0.00 | 38.03 -0.53 0.00 | 37.12 -0.22 0.00 | 27.46 -0.37 0.00 | 23.05 -0.29 0.00 | 35.56 -0.23 0.00 | 43.00 -0.35 0.00 | 54.08 0.03 0.00 | 57.01 -0.34 0.00 | 49.71 -0.29 0.00 | 40.84 -0.03 0.00 | 38.14 -0.01 0.00 | 32.25 0.10 0.00 |
| PLEASANTVLY___LBMP 24000 | 32.85 1.02 0.00 | 37.23 1.14 0.00 | 38.84 1.08 0.00 | 41.71 1.05 0.00 | 41.62 0.95 0.00 | 32.14 0.84 0.00 | 46.07 1.57 0.00 | 66.74 2.43 0.00 | 61.78 2.27 0.00 | 45.57 1.57 0.00 | 42.27 1.76 0.00 | 42.77 1.97 0.00 | 40.63 2.07 0.00 | 39.06 1.72 0.00 | 29.20 1.37 0.00 | 24.41 1.07 0.00 | 37.32 1.54 0.00 | 45.02 1.67 0.00 | 55.96 1.90 0.00 | 59.28 1.92 0.00 | 51.55 1.54 0.00 | 42.12 1.25 0.00 | 39.29 1.13 0.00 | 33.14 0.99 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 33.16 1.33 0.00 | 37.57 1.47 0.00 | 39.15 1.38 0.00 | 42.02 1.36 0.00 | 41.91 1.24 0.00 | 32.41 1.11 0.00 | 46.47 1.98 0.00 | 67.34 3.03 0.00 | 62.34 2.83 0.00 | 45.99 2.00 0.00 | 42.70 2.20 0.00 | 43.24 2.44 0.00 | 41.10 2.53 0.00 | 39.53 2.18 0.00 | 28.61 1.73 0.95 | 24.01 1.35 0.69 | 37.74 1.96 0.00 | 45.48 2.14 0.00 | 56.51 2.45 0.00 | 59.85 2.50 0.00 | 52.01 2.01 0.00 | 42.47 1.60 0.00 | 39.62 1.47 0.00 | 33.44 1.28 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 33.16 1.33 0.00 | 37.57 1.47 0.00 | 39.15 1.38 0.00 | 42.02 1.36 0.00 | 41.91 1.24 0.00 | 32.41 1.11 0.00 | 46.47 1.98 0.00 | 67.34 3.03 0.00 | 62.34 2.83 0.00 | 45.99 2.00 0.00 | 42.70 2.20 0.00 | 43.24 2.44 0.00 | 41.10 2.53 0.00 | 39.53 2.18 0.00 | 28.61 1.73 0.95 | 24.01 1.35 0.69 | 37.74 1.96 0.00 | 45.48 2.14 0.00 | 56.51 2.45 0.00 | 59.85 2.50 0.00 | 52.01 2.01 0.00 | 42.47 1.60 0.00 | 39.62 1.47 0.00 | 33.44 1.28 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 33.10 1.26 0.00 | 37.50 1.41 0.00 | 39.11 1.36 0.00 | 42.01 1.35 0.00 | 41.92 1.25 0.00 | 32.38 1.08 0.00 | 46.47 1.97 0.00 | 67.39 3.08 0.00 | 62.37 2.86 0.00 | 46.00 2.01 0.00 | 42.66 2.15 0.00 | 43.18 2.38 0.00 | 40.98 2.42 0.00 | 39.39 2.04 0.00 | 29.43 1.60 0.00 | 24.58 1.23 0.00 | 37.62 1.83 0.00 | 45.41 2.06 0.00 | 56.53 2.47 0.00 | 59.94 2.59 0.00 | 52.14 2.13 0.00 | 42.55 1.68 0.00 | 39.67 1.52 0.00 | 33.42 1.27 0.00 |
| POLETTI_____ 23519 | 32.99 1.15 0.00 | 37.34 1.25 0.00 | 38.85 1.09 0.00 | 41.65 0.99 0.00 | 41.60 0.93 0.00 | 32.24 0.94 0.00 | 46.21 1.71 0.00 | 67.26 2.95 0.00 | 61.98 2.46 0.00 | 45.75 1.76 0.00 | 42.50 1.99 0.00 | 43.08 2.28 0.00 | 41.04 2.48 0.00 | 39.53 2.13 -0.05 | 51.89 1.61 -22.45 | 40.65 1.14 -16.16 | 37.90 2.06 -0.05 | 45.30 1.95 0.00 | 56.13 2.08 0.00 | 59.50 2.15 0.00 | 51.64 1.64 0.00 | 42.20 1.32 0.00 | 39.37 1.22 0.00 | 33.27 1.11 0.00 |
| POMONA___ESR 323819 | 33.11 1.28 0.00 | 37.51 1.42 0.00 | 39.12 1.36 0.00 | 42.04 1.37 0.00 | 41.95 1.28 0.00 | 32.49 1.19 0.00 | 46.68 2.18 0.00 | 67.63 3.32 0.00 | 62.55 3.04 0.00 | 46.04 2.05 0.00 | 42.71 2.21 0.00 | 43.27 2.47 0.00 | 41.12 2.56 0.00 | 39.50 2.16 0.00 | 30.06 1.67 -0.56 | 25.05 1.30 -0.40 | 37.75 1.96 0.00 | 45.56 2.21 0.00 | 56.76 2.71 0.00 | 60.10 2.75 0.00 | 52.10 2.09 0.00 | 42.51 1.63 0.00 | 39.64 1.49 0.00 | 33.45 1.29 0.00 |
| PORT_JEFF_3 23555 | 34.00 1.54 -0.63 | 41.38 1.77 -3.52 | 39.47 1.71 0.00 | 42.38 1.72 0.00 | 42.00 1.33 0.00 | 32.17 0.87 0.00 | 45.58 1.08 0.00 | 64.29 1.00 1.02 | 57.46 1.30 3.35 | 45.20 1.23 0.02 | 43.57 2.07 -0.99 | 44.25 2.42 -1.03 | 48.93 2.63 -7.74 | 44.84 1.97 -5.52 | 33.13 1.66 -3.64 | 36.48 1.34 -11.79 | 37.30 1.61 0.10 | 42.55 1.31 2.10 | 51.98 0.46 2.54 | 55.02 0.46 2.78 | 48.22 0.45 2.24 | 40.40 0.96 1.44 | 39.28 1.13 0.00 | 33.34 1.18 0.00 |
| PORT_JEFF_4 23616 | 34.00 1.54 -0.63 | 41.38 1.77 -3.52 | 39.47 1.71 0.00 | 42.38 1.72 0.00 | 42.00 1.33 0.00 | 32.17 0.87 0.00 | 45.58 1.08 0.00 | 64.29 1.00 1.02 | 57.46 1.30 3.35 | 45.20 1.23 0.02 | 43.57 2.07 -0.99 | 44.25 2.42 -1.03 | 48.93 2.63 -7.74 | 44.84 1.97 -5.52 | 33.13 1.66 -3.64 | 36.48 1.34 -11.79 | 37.30 1.61 0.10 | 42.55 1.31 2.10 | 51.98 0.46 2.54 | 55.02 0.46 2.78 | 48.22 0.45 2.24 | 40.40 0.96 1.44 | 39.28 1.13 0.00 | 33.34 1.18 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PORT_JEFF_IC 23713 | 34.05 1.58 -0.63 | 41.45 1.82 -3.54 | 39.52 1.76 0.00 | 42.43 1.77 0.00 | 42.05 1.38 0.00 | 32.21 0.91 0.00 | 45.66 1.16 0.00 | 64.11 1.15 1.35 | 56.51 1.45 4.45 | 45.27 1.30 0.03 | 43.66 2.15 -1.00 | 44.33 2.49 -1.03 | 49.03 2.68 -7.79 | 44.91 2.01 -5.56 | 33.20 1.70 -3.67 | 36.59 1.37 -11.87 | 37.32 1.67 0.14 | 41.95 1.41 2.80 | 51.09 0.42 3.39 | 54.06 0.42 3.72 | 47.45 0.44 2.99 | 40.05 1.09 1.91 | 39.37 1.22 0.00 | 33.40 1.24 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 34.21 1.73 -0.65 | 41.72 1.98 -3.64 | 39.68 1.91 0.00 | 42.56 1.90 0.00 | 42.20 1.53 0.00 | 32.34 1.04 0.00 | 45.99 1.50 0.00 | 64.57 1.61 1.35 | 57.19 2.07 4.40 | 45.67 1.71 0.03 | 43.98 2.44 -1.03 | 44.75 2.89 -1.06 | 49.55 2.98 -8.00 | 45.39 2.33 -5.71 | 33.62 1.99 -3.80 | 37.11 1.54 -12.22 | 37.56 1.91 0.13 | 42.56 1.96 2.75 | 52.21 1.48 3.33 | 55.28 1.58 3.65 | 48.61 1.54 2.93 | 40.46 1.47 1.88 | 39.53 1.37 0.00 | 33.57 1.41 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 34.21 1.73 -0.65 | 41.72 1.98 -3.64 | 39.68 1.91 0.00 | 42.56 1.90 0.00 | 42.20 1.53 0.00 | 32.34 1.04 0.00 | 45.99 1.50 0.00 | 64.57 1.61 1.35 | 57.19 2.07 4.40 | 45.67 1.71 0.03 | 43.98 2.44 -1.03 | 44.75 2.89 -1.06 | 49.55 2.98 -8.00 | 45.39 2.33 -5.71 | 33.62 1.99 -3.80 | 37.11 1.54 -12.22 | 37.56 1.91 0.13 | 42.56 1.96 2.75 | 52.21 1.48 3.33 | 55.28 1.58 3.65 | 48.61 1.54 2.93 | 40.46 1.47 1.88 | 39.53 1.37 0.00 | 33.57 1.41 0.00 |
| PPL_SHRM_GT3 24213 | 33.73 1.27 -0.63 | 41.10 1.48 -3.53 | 39.19 1.43 0.00 | 42.09 1.43 0.00 | 41.75 1.08 0.00 | 31.99 0.69 0.00 | 45.41 0.91 0.00 | 64.07 0.87 1.11 | 57.02 1.13 3.62 | 44.98 1.01 0.02 | 43.30 1.79 -1.00 | 43.90 2.07 -1.03 | 48.67 2.35 -7.76 | 44.56 1.68 -5.54 | 32.91 1.43 -3.65 | 36.38 1.20 -11.83 | 37.25 1.57 0.11 | 42.20 1.13 2.27 | 51.73 0.42 2.75 | 54.73 0.40 3.02 | 47.94 0.37 2.43 | 40.03 0.71 1.55 | 38.98 0.83 0.00 | 33.07 0.91 0.00 |
| PPL_SHRM_GT4 24214 | 33.73 1.27 -0.63 | 41.10 1.48 -3.53 | 39.19 1.43 0.00 | 42.09 1.43 0.00 | 41.75 1.08 0.00 | 31.99 0.69 0.00 | 45.41 0.91 0.00 | 64.07 0.87 1.11 | 57.02 1.13 3.62 | 44.98 1.01 0.02 | 43.30 1.79 -1.00 | 43.90 2.07 -1.03 | 48.67 2.35 -7.76 | 44.56 1.68 -5.54 | 32.91 1.43 -3.65 | 36.38 1.20 -11.83 | 37.25 1.57 0.11 | 42.20 1.13 2.27 | 51.73 0.42 2.75 | 54.73 0.40 3.02 | 47.94 0.37 2.43 | 40.03 0.71 1.55 | 38.98 0.83 0.00 | 33.07 0.91 0.00 |
| PROJECT___ORANGE 1 24174 | 31.50 -0.33 0.00 | 35.74 -0.36 0.00 | 37.34 -0.42 0.00 | 40.25 -0.41 0.00 | 40.26 -0.41 0.00 | 31.12 -0.18 0.00 | 44.46 -0.04 0.00 | 64.28 -0.04 0.00 | 59.52 0.00 0.00 | 43.98 -0.01 0.00 | 40.47 -0.04 0.00 | 40.77 -0.03 0.00 | 38.41 -0.15 0.00 | 36.99 -0.36 0.00 | 27.49 -0.34 0.00 | 23.07 -0.27 0.00 | 35.40 -0.39 0.00 | 42.90 -0.44 0.00 | 53.61 -0.45 0.00 | 56.95 -0.41 0.00 | 49.56 -0.45 0.00 | 40.57 -0.30 0.00 | 37.94 -0.21 0.00 | 31.94 -0.22 0.00 |
| PROJECT___ORANGE 2 24166 | 31.50 -0.33 0.00 | 35.74 -0.36 0.00 | 37.34 -0.42 0.00 | 40.25 -0.41 0.00 | 40.26 -0.41 0.00 | 31.12 -0.18 0.00 | 44.46 -0.04 0.00 | 64.28 -0.04 0.00 | 59.52 0.00 0.00 | 43.98 -0.01 0.00 | 40.47 -0.04 0.00 | 40.77 -0.03 0.00 | 38.41 -0.15 0.00 | 36.99 -0.36 0.00 | 27.49 -0.34 0.00 | 23.07 -0.27 0.00 | 35.40 -0.39 0.00 | 42.90 -0.44 0.00 | 53.61 -0.45 0.00 | 56.95 -0.41 0.00 | 49.56 -0.45 0.00 | 40.57 -0.30 0.00 | 37.94 -0.21 0.00 | 31.94 -0.22 0.00 |
| PUCKETT___SOLAR 323809 | 32.37 0.54 0.00 | 36.76 0.67 0.00 | 38.46 0.70 0.00 | 41.53 0.87 0.00 | 41.43 0.76 0.00 | 32.12 0.82 0.00 | 46.17 1.67 0.00 | 66.61 2.29 0.00 | 61.59 2.08 0.00 | 45.35 1.35 0.00 | 41.56 0.92 -0.12 | 41.72 0.92 0.00 | 39.10 0.54 0.00 | 37.53 0.19 0.00 | 27.76 -0.07 0.00 | 23.19 -0.16 0.00 | 35.68 -0.11 0.00 | 43.66 0.32 0.00 | 54.97 0.92 0.00 | 58.40 1.05 0.00 | 50.71 0.70 0.00 | 41.48 0.61 0.00 | 38.83 0.68 0.00 | 32.66 0.51 0.00 |
| PYRITES___HYD 24023 | 33.01 1.18 0.00 | 37.39 1.29 0.00 | 39.12 1.36 0.00 | 42.19 1.53 0.00 | 42.39 1.72 0.00 | 32.68 1.38 0.00 | 46.00 1.50 0.00 | 66.42 2.11 0.00 | 61.00 1.49 0.00 | 45.14 1.14 0.00 | 41.12 0.61 0.00 | 40.68 -0.12 0.00 | 38.29 -0.27 0.00 | 37.57 0.22 0.00 | 27.95 0.13 0.00 | 23.50 0.15 0.00 | 36.22 0.43 0.00 | 44.09 0.75 0.00 | 55.99 1.93 0.00 | 59.57 2.22 0.00 | 52.13 2.12 0.00 | 42.62 1.75 0.00 | 39.73 1.58 0.00 | 33.40 1.25 0.00 |
| QUAKERRD_115KV_BK1 80622 | 31.19 -0.64 0.00 | 35.43 -0.67 0.00 | 37.03 -0.73 0.00 | 39.94 -0.72 0.00 | 39.98 -0.69 0.00 | 31.04 -0.26 0.00 | 44.34 -0.16 0.00 | 63.96 -0.35 0.00 | 59.40 -0.11 0.00 | 44.13 0.13 0.00 | 40.42 -0.09 0.00 | 40.73 -0.07 0.00 | 38.32 -0.25 0.00 | 36.95 -0.39 0.00 | 27.47 -0.35 0.00 | 23.06 -0.29 0.00 | 35.10 -0.69 0.00 | 42.28 -1.07 0.00 | 52.78 -1.28 0.00 | 56.10 -1.26 0.00 | 48.92 -1.09 0.00 | 40.16 -0.71 0.00 | 37.66 -0.49 0.00 | 31.75 -0.40 0.00 |
| QUENSBRY_115KV_TB8 356137 | 32.91 1.08 0.00 | 37.28 1.18 0.00 | 38.97 1.22 0.00 | 41.96 1.30 0.00 | 41.94 1.27 0.00 | 32.32 1.02 0.00 | 46.67 2.17 0.00 | 67.79 3.48 0.00 | 62.63 3.12 0.00 | 46.18 2.18 0.00 | 42.45 1.94 0.00 | 42.75 1.95 0.00 | 40.23 1.67 0.00 | 38.45 1.11 0.00 | 28.65 0.82 0.00 | 24.16 0.81 0.00 | 37.18 1.40 0.00 | 45.57 2.22 0.00 | 56.97 2.91 0.00 | 60.30 2.95 0.00 | 52.45 2.45 0.00 | 42.78 1.91 0.00 | 39.70 1.54 0.00 | 33.18 1.02 0.00 |
| RAMAPO___LBMP 323565 | 33.00 1.17 0.00 | 37.38 1.29 0.00 | 38.98 1.22 0.00 | 41.89 1.23 0.00 | 41.81 1.15 0.00 | 32.37 1.07 0.00 | 46.53 2.03 0.00 | 67.41 3.10 0.00 | 62.34 2.82 0.00 | 45.85 1.86 0.00 | 42.54 2.03 0.00 | 43.06 2.26 0.00 | 40.93 2.36 0.00 | 39.32 1.97 0.00 | 29.92 1.53 -0.56 | 24.93 1.18 -0.41 | 37.56 1.77 0.00 | 45.36 2.02 0.00 | 56.58 2.53 0.00 | 59.93 2.58 0.00 | 51.92 1.92 0.00 | 42.35 1.48 0.00 | 39.50 1.35 0.00 | 33.33 1.18 0.00 |
| RANKINE____ 23646 | 31.87 0.04 0.00 | 36.41 0.32 0.00 | 38.05 0.28 0.00 | 41.20 0.54 0.00 | 41.20 0.53 0.00 | 32.20 0.90 0.00 | 45.90 1.41 0.00 | 65.78 1.47 0.00 | 61.33 1.82 0.00 | 45.91 1.92 0.00 | 41.90 1.39 0.00 | 42.39 1.59 0.00 | 39.97 1.41 0.00 | 38.42 1.08 0.00 | 28.45 0.62 0.00 | 23.72 0.37 0.00 | 35.81 0.02 0.00 | 42.50 -0.85 0.00 | 52.97 -1.09 0.00 | 56.51 -0.84 0.00 | 49.36 -0.64 0.00 | 40.88 0.01 0.00 | 38.69 0.54 0.00 | 32.70 0.54 0.00 |
| RAVENSWOOD_GT2_1 24244 | 33.37 1.53 0.00 | 37.80 1.71 0.00 | 39.36 1.60 0.00 | 42.21 1.55 0.00 | 42.10 1.43 0.00 | 32.63 1.34 0.00 | 46.70 2.21 0.00 | 67.70 3.39 0.00 | 62.69 3.18 0.00 | 46.27 2.27 0.00 | 43.01 2.50 0.00 | 43.59 2.79 0.00 | 41.49 2.93 0.00 | 39.98 2.58 -0.05 | 52.29 2.02 -22.45 | 41.15 1.58 -16.23 | 38.15 2.31 -0.05 | 45.82 2.48 0.00 | 56.83 2.77 0.00 | 60.14 2.79 0.00 | 52.20 2.20 0.00 | 42.63 1.76 0.00 | 39.78 1.63 0.00 | 33.64 1.48 0.00 |
| RAVENSWOOD_GT2_2 24245 | 33.37 1.53 0.00 | 37.80 1.71 0.00 | 39.36 1.60 0.00 | 42.21 1.55 0.00 | 42.10 1.43 0.00 | 32.63 1.34 0.00 | 46.70 2.21 0.00 | 67.70 3.39 0.00 | 62.69 3.18 0.00 | 46.27 2.27 0.00 | 43.01 2.50 0.00 | 43.59 2.79 0.00 | 41.49 2.93 0.00 | 39.98 2.58 -0.05 | 52.29 2.02 -22.45 | 41.15 1.58 -16.23 | 38.15 2.31 -0.05 | 45.82 2.48 0.00 | 56.83 2.77 0.00 | 60.14 2.79 0.00 | 52.20 2.20 0.00 | 42.63 1.76 0.00 | 39.78 1.63 0.00 | 33.64 1.48 0.00 |

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| RAVENSWOOD_GT2_3 24246 | 33.38 1.55 0.00 | 37.82 1.73 0.00 | 39.38 1.62 0.00 | 42.23 1.57 0.00 | 42.12 1.46 0.00 | 32.65 1.35 0.00 | 46.73 2.23 0.00 | 67.72 3.41 0.00 | 62.71 3.20 0.00 | 46.30 2.31 0.00 | 43.03 2.52 0.00 | 43.62 2.82 0.00 | 41.51 2.94 0.00 | 39.99 2.59 -0.05 | 52.32 2.04 -22.45 | 41.17 1.59 -16.23 | 38.18 2.34 -0.05 | 45.84 2.49 0.00 | 56.86 2.80 0.00 | 60.18 2.82 0.00 | 52.24 2.24 0.00 | 42.64 1.77 0.00 | 39.79 1.64 0.00 | 33.66 1.50 0.00 |
| RAVENSWOOD_GT2_4 24247 | 33.38 1.55 0.00 | 37.82 1.73 0.00 | 39.38 1.62 0.00 | 42.23 1.57 0.00 | 42.12 1.46 0.00 | 32.65 1.35 0.00 | 46.73 2.23 0.00 | 67.72 3.41 0.00 | 62.71 3.20 0.00 | 46.30 2.31 0.00 | 43.03 2.52 0.00 | 43.62 2.82 0.00 | 41.51 2.94 0.00 | 39.99 2.59 -0.05 | 52.32 2.04 -22.45 | 41.17 1.59 -16.23 | 38.18 2.34 -0.05 | 45.84 2.49 0.00 | 56.86 2.80 0.00 | 60.18 2.82 0.00 | 52.24 2.24 0.00 | 42.64 1.77 0.00 | 39.79 1.64 0.00 | 33.66 1.50 0.00 |
| RAVENSWOOD_GT3_1 24248 | 33.37 1.54 0.00 | 37.80 1.71 0.00 | 39.36 1.60 0.00 | 42.21 1.55 0.00 | 42.11 1.44 0.00 | 32.63 1.34 0.00 | 46.70 2.21 0.00 | 67.70 3.39 0.00 | 62.70 3.18 0.00 | 46.27 2.28 0.00 | 43.01 2.50 0.00 | 43.60 2.80 0.00 | 41.50 2.93 0.00 | 39.99 2.59 -0.05 | 52.30 2.02 -22.45 | 41.16 1.58 -16.23 | 38.15 2.31 -0.05 | 45.82 2.48 0.00 | 56.83 2.77 0.00 | 60.15 2.80 0.00 | 52.22 2.22 0.00 | 42.63 1.76 0.00 | 39.78 1.63 0.00 | 33.64 1.49 0.00 |
| RAVENSWOOD_GT3_2 24249 | 33.37 1.54 0.00 | 37.80 1.71 0.00 | 39.36 1.60 0.00 | 42.21 1.55 0.00 | 42.11 1.44 0.00 | 32.63 1.34 0.00 | 46.70 2.21 0.00 | 67.70 3.39 0.00 | 62.70 3.18 0.00 | 46.27 2.28 0.00 | 43.01 2.50 0.00 | 43.60 2.80 0.00 | 41.50 2.93 0.00 | 39.99 2.59 -0.05 | 52.30 2.02 -22.45 | 41.16 1.58 -16.23 | 38.15 2.31 -0.05 | 45.82 2.48 0.00 | 56.83 2.77 0.00 | 60.15 2.80 0.00 | 52.22 2.22 0.00 | 42.63 1.76 0.00 | 39.78 1.63 0.00 | 33.64 1.49 0.00 |
| RAVENSWOOD_GT3_3 24250 | 33.42 1.59 0.00 | 37.86 1.76 0.00 | 39.42 1.65 0.00 | 42.27 1.61 0.00 | 42.17 1.50 0.00 | 32.68 1.38 0.00 | 46.78 2.28 0.00 | 67.82 3.51 0.00 | 62.80 3.29 0.00 | 46.36 2.36 0.00 | 43.09 2.58 0.00 | 43.68 2.88 0.00 | 41.57 3.01 0.00 | 40.05 2.65 -0.05 | 52.35 2.07 -22.45 | 41.20 1.62 -16.23 | 38.22 2.38 -0.05 | 45.91 2.57 0.00 | 56.93 2.88 0.00 | 60.24 2.89 0.00 | 52.29 2.29 0.00 | 42.70 1.83 0.00 | 39.84 1.69 0.00 | 33.69 1.53 0.00 |
| RAVENSWOOD_GT3_4 24251 | 33.42 1.59 0.00 | 37.86 1.76 0.00 | 39.42 1.65 0.00 | 42.27 1.61 0.00 | 42.17 1.50 0.00 | 32.68 1.38 0.00 | 46.78 2.28 0.00 | 67.82 3.51 0.00 | 62.80 3.29 0.00 | 46.36 2.36 0.00 | 43.09 2.58 0.00 | 43.68 2.88 0.00 | 41.57 3.01 0.00 | 40.05 2.65 -0.05 | 52.35 2.07 -22.45 | 41.20 1.62 -16.23 | 38.22 2.38 -0.05 | 45.91 2.57 0.00 | 56.93 2.88 0.00 | 60.24 2.89 0.00 | 52.29 2.29 0.00 | 42.70 1.83 0.00 | 39.84 1.69 0.00 | 33.69 1.53 0.00 |
| RAVENSWOOD_GT_1 23729 | 33.42 1.58 0.00 | 37.87 1.77 0.00 | 39.42 1.66 0.00 | 42.25 1.59 0.00 | 42.17 1.50 0.00 | 32.71 1.41 0.00 | 46.70 2.21 0.00 | 67.68 3.36 0.00 | 62.64 3.13 0.00 | 46.29 2.29 0.00 | 43.04 2.53 0.00 | 43.62 2.82 0.00 | 41.55 2.99 0.00 | 40.03 2.63 -0.05 | 52.28 2.01 -22.45 | 41.12 1.55 -16.23 | 38.19 2.35 -0.05 | 45.82 2.47 0.00 | 56.78 2.72 0.00 | 60.10 2.74 0.00 | 52.15 2.14 0.00 | 42.58 1.71 0.00 | 39.77 1.62 0.00 | 33.71 1.56 0.00 |
| RAVENSWOOD_GT_10 24258 | 33.37 1.54 0.00 | 37.80 1.71 0.00 | 39.36 1.60 0.00 | 42.22 1.56 0.00 | 42.12 1.45 0.00 | 32.63 1.34 0.00 | 46.71 2.21 0.00 | 67.71 3.39 0.00 | 62.71 3.19 0.00 | 46.28 2.29 0.00 | 43.02 2.51 0.00 | 43.60 2.80 0.00 | 41.50 2.93 0.00 | 39.99 2.59 -0.05 | 52.30 2.03 -22.45 | 41.16 1.59 -16.23 | 38.15 2.31 -0.05 | 45.83 2.49 0.00 | 56.84 2.79 0.00 | 60.17 2.82 0.00 | 52.23 2.23 0.00 | 42.63 1.76 0.00 | 39.78 1.63 0.00 | 33.64 1.49 0.00 |
| RAVENSWOOD_GT_11 24259 | 33.37 1.54 0.00 | 37.80 1.71 0.00 | 39.36 1.60 0.00 | 42.22 1.56 0.00 | 42.12 1.45 0.00 | 32.63 1.34 0.00 | 46.71 2.21 0.00 | 67.71 3.39 0.00 | 62.71 3.19 0.00 | 46.28 2.29 0.00 | 43.02 2.51 0.00 | 43.60 2.80 0.00 | 41.50 2.93 0.00 | 39.99 2.59 -0.05 | 52.30 2.03 -22.45 | 41.16 1.59 -16.23 | 38.15 2.31 -0.05 | 45.83 2.49 0.00 | 56.84 2.79 0.00 | 60.17 2.82 0.00 | 52.23 2.23 0.00 | 42.63 1.76 0.00 | 39.78 1.63 0.00 | 33.64 1.49 0.00 |
| RAVENSWOOD_GT_4 24252 | 33.38 1.55 0.00 | 37.82 1.73 0.00 | 39.38 1.61 0.00 | 42.21 1.55 0.00 | 42.10 1.43 0.00 | 32.64 1.35 0.00 | 46.67 2.17 0.00 | 67.63 3.32 0.00 | 62.62 3.10 0.00 | 46.22 2.23 0.00 | 42.97 2.46 0.00 | 43.56 2.76 0.00 | 41.47 2.91 0.00 | 39.97 2.57 -0.05 | 52.27 2.00 -22.45 | 41.13 1.55 -16.23 | 38.14 2.31 -0.05 | 45.79 2.44 0.00 | 56.76 2.70 0.00 | 60.07 2.72 0.00 | 52.13 2.13 0.00 | 42.56 1.69 0.00 | 39.74 1.59 0.00 | 33.64 1.48 0.00 |
| RAVENSWOOD_GT_5 24254 | 33.38 1.55 0.00 | 37.82 1.73 0.00 | 39.38 1.61 0.00 | 42.21 1.55 0.00 | 42.10 1.43 0.00 | 32.64 1.35 0.00 | 46.67 2.17 0.00 | 67.63 3.32 0.00 | 62.62 3.10 0.00 | 46.22 2.23 0.00 | 42.97 2.46 0.00 | 43.56 2.76 0.00 | 41.47 2.91 0.00 | 39.97 2.57 -0.05 | 52.27 2.00 -22.45 | 41.13 1.55 -16.23 | 38.14 2.31 -0.05 | 45.79 2.44 0.00 | 56.76 2.70 0.00 | 60.07 2.72 0.00 | 52.13 2.13 0.00 | 42.56 1.69 0.00 | 39.74 1.59 0.00 | 33.64 1.48 0.00 |
| RAVENSWOOD_GT_6 24253 | 33.38 1.55 0.00 | 37.82 1.73 0.00 | 39.38 1.61 0.00 | 42.21 1.55 0.00 | 42.10 1.43 0.00 | 32.64 1.35 0.00 | 46.67 2.17 0.00 | 67.63 3.32 0.00 | 62.62 3.10 0.00 | 46.22 2.23 0.00 | 42.97 2.46 0.00 | 43.56 2.76 0.00 | 41.47 2.91 0.00 | 39.97 2.57 -0.05 | 52.27 2.00 -22.45 | 41.13 1.55 -16.23 | 38.14 2.31 -0.05 | 45.79 2.44 0.00 | 56.76 2.70 0.00 | 60.07 2.72 0.00 | 52.13 2.13 0.00 | 42.56 1.69 0.00 | 39.74 1.59 0.00 | 33.64 1.48 0.00 |
| RAVENSWOOD_GT_7 24255 | 33.38 1.55 0.00 | 37.82 1.73 0.00 | 39.38 1.61 0.00 | 42.21 1.55 0.00 | 42.10 1.43 0.00 | 32.64 1.35 0.00 | 46.67 2.17 0.00 | 67.63 3.32 0.00 | 62.62 3.10 0.00 | 46.22 2.23 0.00 | 42.97 2.46 0.00 | 43.56 2.76 0.00 | 41.47 2.91 0.00 | 39.97 2.57 -0.05 | 52.27 2.00 -22.45 | 41.13 1.55 -16.23 | 38.14 2.31 -0.05 | 45.79 2.44 0.00 | 56.76 2.70 0.00 | 60.07 2.72 0.00 | 52.13 2.13 0.00 | 42.56 1.69 0.00 | 39.74 1.59 0.00 | 33.64 1.48 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 33.37 1.54 0.00 | 37.80 1.71 0.00 | 39.36 1.60 0.00 | 42.22 1.56 0.00 | 42.12 1.45 0.00 | 32.63 1.34 0.00 | 46.71 2.21 0.00 | 67.71 3.39 0.00 | 62.71 3.19 0.00 | 46.28 2.29 0.00 | 43.02 2.51 0.00 | 43.60 2.80 0.00 | 41.50 2.93 0.00 | 39.99 2.59 -0.05 | 52.30 2.03 -22.45 | 41.16 1.59 -16.23 | 38.15 2.31 -0.05 | 45.83 2.49 0.00 | 56.84 2.79 0.00 | 60.17 2.82 0.00 | 52.23 2.23 0.00 | 42.63 1.76 0.00 | 39.78 1.63 0.00 | 33.64 1.49 0.00 |
| RAVENSWOOD_GT_9 24257 | 33.37 1.54 0.00 | 37.80 1.71 0.00 | 39.36 1.60 0.00 | 42.22 1.56 0.00 | 42.12 1.45 0.00 | 32.63 1.34 0.00 | 46.71 2.21 0.00 | 67.71 3.39 0.00 | 62.71 3.19 0.00 | 46.28 2.29 0.00 | 43.02 2.51 0.00 | 43.60 2.80 0.00 | 41.50 2.93 0.00 | 39.99 2.59 -0.05 | 52.30 2.03 -22.45 | 41.16 1.59 -16.23 | 38.15 2.31 -0.05 | 45.83 2.49 0.00 | 56.84 2.79 0.00 | 60.17 2.82 0.00 | 52.23 2.23 0.00 | 42.63 1.76 0.00 | 39.78 1.63 0.00 | 33.64 1.49 0.00 |

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| RAVENSWOOD___1 23533 | 33.41 1.58 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.12 1.45 0.00 | 32.67 1.37 0.00 | 46.65 2.15 0.00 | 67.58 3.27 0.00 | 62.55 3.03 0.00 | 46.20 2.21 0.00 | 42.97 2.46 0.00 | 43.54 2.74 0.00 | 41.48 2.92 0.00 | 39.98 2.58 -0.05 | 52.22 1.95 -22.45 | 41.08 1.51 -16.23 | 38.12 2.28 -0.05 | 45.74 2.40 0.00 | 56.67 2.61 0.00 | 59.98 2.63 0.00 | 52.05 2.05 0.00 | 42.49 1.62 0.00 | 39.70 1.54 0.00 | 33.65 1.50 0.00 |
| RAVENSWOOD___2 23534 | 33.35 1.52 0.00 | 37.79 1.69 0.00 | 39.32 1.56 0.00 | 42.08 1.42 0.00 | 41.97 1.30 0.00 | 32.61 1.31 0.00 | 46.49 1.99 0.00 | 67.20 2.89 0.00 | 62.10 2.58 0.00 | 45.84 1.85 0.00 | 42.65 2.14 0.00 | 43.21 2.41 0.00 | 41.23 2.67 0.00 | 39.79 2.39 -0.05 | 52.13 1.85 -22.45 | 40.99 1.41 -16.23 | 38.05 2.21 -0.05 | 45.60 2.26 0.00 | 56.35 2.30 0.00 | 59.62 2.27 0.00 | 51.74 1.73 0.00 | 42.22 1.35 0.00 | 39.46 1.31 0.00 | 33.56 1.41 0.00 |
| RAVENSWOOD___3 23535 | 33.37 1.54 0.00 | 37.81 1.71 0.00 | 39.36 1.60 0.00 | 42.22 1.56 0.00 | 42.12 1.45 0.00 | 32.63 1.33 0.00 | 46.70 2.21 0.00 | 67.70 3.39 0.00 | 62.70 3.18 0.00 | 46.28 2.29 0.00 | 43.01 2.50 0.00 | 43.59 2.79 0.00 | 41.50 2.93 0.00 | 39.99 2.59 -0.05 | 52.30 2.02 -22.45 | 41.15 1.58 -16.23 | 38.14 2.31 -0.05 | 45.82 2.48 0.00 | 56.83 2.77 0.00 | 60.16 2.81 0.00 | 52.23 2.22 0.00 | 42.63 1.76 0.00 | 39.78 1.63 0.00 | 33.64 1.49 0.00 |
| RAVENSWOOD___4 23820 | 33.41 1.58 0.00 | 37.85 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.12 1.45 0.00 | 32.67 1.37 0.00 | 46.65 2.15 0.00 | 67.58 3.27 0.00 | 62.55 3.03 0.00 | 46.20 2.21 0.00 | 42.97 2.46 0.00 | 43.54 2.74 0.00 | 41.48 2.92 0.00 | 39.98 2.58 -0.05 | 52.22 1.95 -22.45 | 41.08 1.51 -16.23 | 38.12 2.28 -0.05 | 45.74 2.40 0.00 | 56.67 2.61 0.00 | 59.98 2.63 0.00 | 52.05 2.05 0.00 | 42.49 1.62 0.00 | 39.70 1.54 0.00 | 33.65 1.50 0.00 |
| RCPL_TRUST___DRP 24196 | 33.37 1.54 0.00 | 37.81 1.71 0.00 | 39.37 1.60 0.00 | 42.23 1.57 0.00 | 42.13 1.46 0.00 | 32.64 1.34 0.00 | 46.75 2.25 0.00 | 67.77 3.46 0.00 | 62.77 3.26 0.00 | 46.34 2.35 0.00 | 43.06 2.55 0.00 | 43.65 2.85 0.00 | 41.53 2.97 0.00 | 40.00 2.62 -0.03 | 43.85 2.06 -13.96 | 35.05 1.62 -10.09 | 38.16 2.34 -0.03 | 45.88 2.53 0.00 | 56.91 2.85 0.00 | 60.23 2.88 0.00 | 52.28 2.28 0.00 | 42.67 1.80 0.00 | 39.82 1.67 0.00 | 33.67 1.51 0.00 |
| RED___ROCHESTER 323720 | 32.04 0.21 0.00 | 36.40 0.31 0.00 | 38.02 0.26 0.00 | 41.02 0.36 0.00 | 41.06 0.39 0.00 | 31.93 0.63 0.00 | 45.64 1.14 0.00 | 65.82 1.51 0.00 | 61.21 1.70 0.00 | 45.52 1.53 0.00 | 41.44 1.11 0.17 | 41.96 1.16 0.00 | 39.49 0.93 0.00 | 38.05 0.71 0.00 | 28.31 0.48 0.00 | 23.74 0.39 0.00 | 36.06 0.27 0.00 | 43.32 -0.03 0.00 | 54.14 0.07 0.00 | 57.62 0.27 0.00 | 50.26 0.26 0.00 | 41.29 0.42 0.00 | 38.76 0.60 0.00 | 32.67 0.52 0.00 |
| REGAN___SOLAR 323812 | 32.91 1.08 0.00 | 37.28 1.19 0.00 | 38.99 1.23 0.00 | 41.96 1.30 0.00 | 42.00 1.33 0.00 | 32.46 1.16 0.00 | 46.48 1.98 0.00 | 67.41 3.10 0.00 | 61.88 2.37 0.00 | 45.11 1.12 0.00 | 41.16 0.65 0.00 | 40.57 -0.23 0.00 | 38.10 -0.47 0.00 | 37.23 -0.11 0.00 | 27.61 -0.22 0.00 | 23.07 -0.28 0.00 | 35.71 -0.08 0.00 | 44.65 1.30 0.00 | 56.32 2.26 0.00 | 59.84 2.49 0.00 | 52.08 2.08 0.00 | 42.52 1.65 0.00 | 39.59 1.43 0.00 | 33.21 1.06 0.00 |
| RENSSELAER___COGEN 23796 | 31.83 0.00 0.00 | 36.18 0.08 0.00 | 37.89 0.12 0.00 | 40.67 0.01 0.00 | 40.65 -0.02 0.00 | 31.30 0.00 0.00 | 44.86 0.35 0.00 | 64.97 0.66 0.00 | 60.17 0.66 0.00 | 44.47 0.48 0.00 | 41.10 0.59 0.00 | 41.42 0.62 0.00 | 39.30 0.74 0.00 | 37.76 0.41 0.00 | 28.24 0.41 0.00 | 23.60 0.25 0.00 | 36.12 0.33 0.00 | 43.72 0.37 0.00 | 54.41 0.35 0.00 | 57.58 0.23 0.00 | 50.24 0.24 0.00 | 41.05 0.18 0.00 | 38.22 0.07 0.00 | 32.27 0.12 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 34.73 2.89 0.00 | 39.28 3.19 0.00 | 41.04 3.27 0.00 | 44.15 3.49 0.00 | 44.22 3.55 0.00 | 34.08 2.78 0.00 | 49.71 5.21 0.00 | 72.66 8.35 0.00 | 66.99 7.48 0.00 | 49.11 5.11 0.00 | 44.77 4.26 0.00 | 45.15 4.35 0.00 | 42.22 3.66 0.00 | 40.36 3.01 0.00 | 30.18 2.36 0.00 | 25.62 2.27 0.00 | 39.52 3.73 0.00 | 48.61 5.26 0.00 | 60.98 6.92 0.00 | 64.46 7.10 0.00 | 56.02 6.01 0.00 | 45.60 4.73 0.00 | 42.08 3.93 0.00 | 34.87 2.71 0.00 |
| REVERE_CPPR_DRP 24186 | 32.89 1.06 0.00 | 37.23 1.13 0.00 | 38.86 1.09 0.00 | 41.93 1.27 0.00 | 41.98 1.32 0.00 | 32.52 1.22 0.00 | 46.60 2.10 0.00 | 67.38 3.06 0.00 | 62.18 2.67 0.00 | 46.00 2.01 0.00 | 42.00 1.49 0.00 | 42.11 1.30 0.00 | 39.36 0.79 0.00 | 37.72 0.37 0.00 | 28.12 0.29 0.00 | 23.62 0.27 0.00 | 36.59 0.80 0.00 | 44.92 1.57 0.00 | 56.43 2.38 0.00 | 59.88 2.53 0.00 | 52.02 2.01 0.00 | 42.49 1.62 0.00 | 39.59 1.44 0.00 | 33.23 1.08 0.00 |
| REYNLDPA_13_KV_LD 356490 | 32.23 0.40 0.00 | 36.50 0.40 0.00 | 38.24 0.48 0.00 | 41.18 0.52 0.00 | 41.26 0.59 0.00 | 31.72 0.42 0.00 | 44.67 0.17 0.00 | 64.48 0.16 0.00 | 59.64 0.12 0.00 | 44.16 0.16 0.00 | 40.57 0.06 0.00 | 40.72 -0.08 0.00 | 38.48 -0.08 0.00 | 37.70 0.35 0.00 | 28.06 0.23 0.00 | 23.58 0.23 0.00 | 36.19 0.40 0.00 | 43.76 0.42 0.00 | 54.61 0.55 0.00 | 57.92 0.57 0.00 | 50.57 0.57 0.00 | 41.32 0.44 0.00 | 38.57 0.42 0.00 | 32.54 0.39 0.00 |
| REYNOLDS_115KV_TB3 80639 | 32.10 0.27 0.00 | 36.45 0.35 0.00 | 38.14 0.38 0.00 | 40.97 0.31 0.00 | 40.93 0.26 0.00 | 31.52 0.22 0.00 | 45.20 0.70 0.00 | 65.44 1.12 0.00 | 60.59 1.08 0.00 | 44.81 0.81 0.00 | 41.41 0.90 0.00 | 41.76 0.96 0.00 | 39.61 1.04 0.00 | 38.05 0.71 0.00 | 28.45 0.62 0.00 | 23.79 0.44 0.00 | 36.40 0.61 0.00 | 44.06 0.71 0.00 | 54.81 0.75 0.00 | 58.00 0.65 0.00 | 50.61 0.61 0.00 | 41.36 0.49 0.00 | 38.50 0.35 0.00 | 32.47 0.31 0.00 |
| RIVERBAY____ 323610 | 33.93 2.10 0.00 | 38.46 2.37 0.00 | 40.05 2.29 0.00 | 42.97 2.31 0.00 | 42.91 2.24 0.00 | 33.29 1.99 0.00 | 47.73 3.23 0.00 | 69.19 4.88 0.00 | 63.97 4.46 0.00 | 47.20 3.21 0.00 | 43.80 3.29 0.00 | 44.37 3.56 0.00 | 42.27 3.70 0.00 | 40.66 3.26 -0.05 | 52.63 2.36 -22.45 | 41.39 1.88 -16.16 | 38.82 2.98 -0.05 | 46.56 3.22 0.00 | 57.66 3.61 0.00 | 61.21 3.86 0.00 | 53.14 3.13 0.00 | 43.42 2.54 0.00 | 40.50 2.35 0.00 | 34.25 2.09 0.00 |
| RIVERSDE_115KV_TB3 55908 | 32.00 0.17 0.00 | 36.34 0.25 0.00 | 38.04 0.28 0.00 | 40.85 0.19 0.00 | 40.80 0.13 0.00 | 31.43 0.13 0.00 | 45.07 0.57 0.00 | 65.27 0.96 0.00 | 60.46 0.95 0.00 | 44.69 0.69 0.00 | 41.32 0.81 0.00 | 41.64 0.84 0.00 | 39.49 0.93 0.00 | 37.94 0.59 0.00 | 28.38 0.55 0.00 | 23.72 0.37 0.00 | 36.30 0.51 0.00 | 43.95 0.60 0.00 | 54.69 0.63 0.00 | 57.87 0.51 0.00 | 50.48 0.48 0.00 | 41.25 0.38 0.00 | 38.40 0.25 0.00 | 32.40 0.25 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 31.69 -0.14 0.00 | 35.85 -0.25 0.00 | 37.42 -0.34 0.00 | 40.24 -0.42 0.00 | 40.27 -0.41 0.00 | 31.03 -0.27 0.00 | 43.91 -0.58 0.00 | 63.36 -0.95 0.00 | 58.57 -0.94 0.00 | 43.38 -0.62 0.00 | 40.05 -0.46 0.00 | 40.32 -0.48 0.00 | 38.03 -0.53 0.00 | 36.85 -0.49 0.00 | 27.50 -0.33 0.00 | 23.12 -0.23 0.00 | 35.52 -0.26 0.00 | 43.12 -0.23 0.00 | 53.86 -0.19 0.00 | 57.07 -0.29 0.00 | 49.68 -0.33 0.00 | 40.47 -0.40 0.00 | 37.78 -0.37 0.00 | 31.83 -0.32 0.00 |

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| ROCHESRG_115KV_T4 355643 | 31.82 -0.01 0.00 | 36.18 0.08 0.00 | 37.81 0.05 0.00 | 40.80 0.14 0.00 | 40.84 0.17 0.00 | 31.73 0.43 0.00 | 45.31 0.81 0.00 | 65.28 0.97 0.00 | 60.70 1.18 0.00 | 45.15 1.15 0.00 | 41.30 0.79 0.00 | 41.64 0.84 0.00 | 39.21 0.65 0.00 | 37.80 0.45 0.00 | 28.09 0.26 0.00 | 23.55 0.20 0.00 | 35.78 -0.01 0.00 | 42.96 -0.39 0.00 | 53.63 -0.43 0.00 | 57.06 -0.29 0.00 | 49.78 -0.23 0.00 | 40.91 0.04 0.00 | 38.44 0.29 0.00 | 32.43 0.28 0.00 |
| ROCHESTER_9_IC 23652 | 31.96 0.13 0.00 | 36.32 0.23 0.00 | 37.95 0.19 0.00 | 40.96 0.30 0.00 | 41.00 0.33 0.00 | 31.87 0.57 0.00 | 45.53 1.03 0.00 | 65.64 1.32 0.00 | 61.03 1.52 0.00 | 45.39 1.40 0.00 | 41.50 0.99 0.00 | 41.84 1.04 0.00 | 39.39 0.83 0.00 | 37.97 0.62 0.00 | 28.22 0.40 0.00 | 23.66 0.32 0.00 | 35.95 0.17 0.00 | 43.17 -0.17 0.00 | 53.93 -0.13 0.00 | 57.39 0.04 0.00 | 50.07 0.06 0.00 | 41.13 0.26 0.00 | 38.64 0.48 0.00 | 32.59 0.43 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 33.36 1.52 0.00 | 37.76 1.66 0.00 | 39.32 1.57 0.00 | 42.20 1.54 0.00 | 42.10 1.43 0.00 | 32.57 1.28 0.00 | 46.73 2.23 0.00 | 67.73 3.41 0.00 | 62.70 3.18 0.00 | 46.24 2.25 0.00 | 42.96 2.45 0.00 | 43.53 2.73 0.00 | 41.39 2.83 0.00 | 39.80 2.46 0.00 | 29.76 1.93 0.00 | 24.87 1.52 0.00 | 38.02 2.23 0.00 | 45.79 2.44 0.00 | 56.88 2.82 0.00 | 60.23 2.88 0.00 | 52.29 2.29 0.00 | 42.70 1.83 0.00 | 39.84 1.69 0.00 | 33.63 1.48 0.00 |
| ROME____115KV_TB2 80656 | 32.89 1.06 0.00 | 37.23 1.13 0.00 | 38.86 1.09 0.00 | 41.93 1.27 0.00 | 41.98 1.32 0.00 | 32.52 1.22 0.00 | 46.60 2.10 0.00 | 67.38 3.06 0.00 | 62.18 2.67 0.00 | 46.00 2.01 0.00 | 42.00 1.49 0.00 | 42.11 1.30 0.00 | 39.36 0.79 0.00 | 37.72 0.37 0.00 | 28.12 0.29 0.00 | 23.62 0.27 0.00 | 36.59 0.80 0.00 | 44.92 1.57 0.00 | 56.43 2.38 0.00 | 59.88 2.53 0.00 | 52.02 2.01 0.00 | 42.49 1.62 0.00 | 39.59 1.44 0.00 | 33.23 1.08 0.00 |
| ROSETON___1 23587 | 32.82 0.98 0.00 | 37.21 1.12 0.00 | 38.81 1.05 0.00 | 41.67 1.01 0.00 | 41.59 0.92 0.00 | 32.11 0.81 0.00 | 46.00 1.50 0.00 | 66.62 2.30 0.00 | 61.67 2.16 0.00 | 45.51 1.51 0.00 | 42.22 1.71 0.00 | 42.72 1.92 0.00 | 40.59 2.03 0.00 | 39.03 1.69 0.00 | 29.17 1.35 0.00 | 24.39 1.04 0.00 | 37.28 1.49 0.00 | 44.91 1.56 0.00 | 55.80 1.74 0.00 | 59.12 1.77 0.00 | 51.45 1.45 0.00 | 42.07 1.20 0.00 | 39.25 1.10 0.00 | 33.11 0.96 0.00 |
| ROSETON___2 23588 | 32.82 0.98 0.00 | 37.21 1.12 0.00 | 38.81 1.05 0.00 | 41.67 1.01 0.00 | 41.59 0.92 0.00 | 32.11 0.81 0.00 | 46.00 1.50 0.00 | 66.62 2.30 0.00 | 61.67 2.16 0.00 | 45.51 1.51 0.00 | 42.22 1.71 0.00 | 42.72 1.92 0.00 | 40.59 2.03 0.00 | 39.03 1.69 0.00 | 29.17 1.35 0.00 | 24.39 1.04 0.00 | 37.28 1.49 0.00 | 44.91 1.56 0.00 | 55.80 1.74 0.00 | 59.12 1.77 0.00 | 51.45 1.45 0.00 | 42.07 1.20 0.00 | 39.25 1.10 0.00 | 33.11 0.96 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 32.46 0.63 0.00 | 36.80 0.71 0.00 | 38.48 0.72 0.00 | 41.40 0.74 0.00 | 41.37 0.70 0.00 | 31.87 0.57 0.00 | 45.63 1.13 0.00 | 66.04 1.73 0.00 | 61.08 1.56 0.00 | 45.11 1.12 0.00 | 41.61 1.10 0.00 | 41.91 1.11 0.00 | 39.62 1.06 0.00 | 38.13 0.78 0.00 | 28.45 0.62 0.00 | 23.85 0.50 0.00 | 36.56 0.77 0.00 | 44.39 1.04 0.00 | 55.36 1.30 0.00 | 58.67 1.32 0.00 | 51.14 1.14 0.00 | 41.80 0.92 0.00 | 38.94 0.79 0.00 | 32.77 0.62 0.00 |
| RUSSELL___1 23602 | 32.04 0.21 0.00 | 36.40 0.31 0.00 | 38.02 0.26 0.00 | 41.02 0.36 0.00 | 41.07 0.40 0.00 | 31.93 0.63 0.00 | 45.63 1.13 0.00 | 65.82 1.51 0.00 | 61.21 1.69 0.00 | 45.53 1.54 0.00 | 41.62 1.11 0.00 | 41.96 1.16 0.00 | 39.49 0.93 0.00 | 38.06 0.72 0.00 | 28.29 0.46 0.00 | 23.72 0.38 0.00 | 36.05 0.26 0.00 | 43.31 -0.03 0.00 | 54.13 0.07 0.00 | 57.62 0.27 0.00 | 50.26 0.26 0.00 | 41.28 0.41 0.00 | 38.75 0.60 0.00 | 32.68 0.52 0.00 |
| RUSSELL___2 23532 | 32.04 0.21 0.00 | 36.40 0.31 0.00 | 38.02 0.26 0.00 | 41.02 0.36 0.00 | 41.07 0.40 0.00 | 31.93 0.63 0.00 | 45.63 1.13 0.00 | 65.82 1.51 0.00 | 61.21 1.69 0.00 | 45.53 1.54 0.00 | 41.62 1.11 0.00 | 41.96 1.16 0.00 | 39.49 0.93 0.00 | 38.06 0.72 0.00 | 28.29 0.46 0.00 | 23.72 0.38 0.00 | 36.05 0.26 0.00 | 43.31 -0.03 0.00 | 54.13 0.07 0.00 | 57.62 0.27 0.00 | 50.26 0.26 0.00 | 41.28 0.41 0.00 | 38.75 0.60 0.00 | 32.68 0.52 0.00 |
| RUSSELL___3 23549 | 32.04 0.21 0.00 | 36.40 0.31 0.00 | 38.02 0.26 0.00 | 41.02 0.36 0.00 | 41.07 0.40 0.00 | 31.93 0.63 0.00 | 45.63 1.13 0.00 | 65.82 1.51 0.00 | 61.21 1.69 0.00 | 45.53 1.54 0.00 | 41.62 1.11 0.00 | 41.96 1.16 0.00 | 39.49 0.93 0.00 | 38.06 0.72 0.00 | 28.29 0.46 0.00 | 23.72 0.38 0.00 | 36.05 0.26 0.00 | 43.31 -0.03 0.00 | 54.13 0.07 0.00 | 57.62 0.27 0.00 | 50.26 0.26 0.00 | 41.28 0.41 0.00 | 38.75 0.60 0.00 | 32.68 0.52 0.00 |
| RUSSELL___4 23556 | 32.04 0.21 0.00 | 36.40 0.31 0.00 | 38.02 0.26 0.00 | 41.02 0.36 0.00 | 41.07 0.40 0.00 | 31.93 0.63 0.00 | 45.63 1.13 0.00 | 65.82 1.51 0.00 | 61.21 1.69 0.00 | 45.53 1.54 0.00 | 41.62 1.11 0.00 | 41.96 1.16 0.00 | 39.49 0.93 0.00 | 38.06 0.72 0.00 | 28.29 0.46 0.00 | 23.72 0.38 0.00 | 36.05 0.26 0.00 | 43.31 -0.03 0.00 | 54.13 0.07 0.00 | 57.62 0.27 0.00 | 50.26 0.26 0.00 | 41.28 0.41 0.00 | 38.75 0.60 0.00 | 32.68 0.52 0.00 |
| RUSSELL___STATION 23914 | 32.04 0.21 0.00 | 36.40 0.31 0.00 | 38.02 0.26 0.00 | 41.02 0.36 0.00 | 41.07 0.40 0.00 | 31.93 0.63 0.00 | 45.63 1.13 0.00 | 65.82 1.51 0.00 | 61.21 1.69 0.00 | 45.53 1.54 0.00 | 41.62 1.11 0.00 | 41.96 1.16 0.00 | 39.49 0.93 0.00 | 38.06 0.72 0.00 | 28.29 0.46 0.00 | 23.72 0.38 0.00 | 36.05 0.26 0.00 | 43.31 -0.03 0.00 | 54.13 0.07 0.00 | 57.62 0.27 0.00 | 50.26 0.26 0.00 | 41.28 0.41 0.00 | 38.75 0.60 0.00 | 32.68 0.52 0.00 |
| S SALMON___HYD 24043 | 31.75 -0.09 0.00 | 35.85 -0.24 0.00 | 37.32 -0.45 0.00 | 40.34 -0.32 0.00 | 40.41 -0.26 0.00 | 31.30 0.00 0.00 | 44.62 0.12 0.00 | 64.53 0.22 0.00 | 59.78 0.26 0.00 | 43.97 -0.03 0.00 | 40.33 -0.18 0.00 | 40.25 -0.55 0.00 | 37.76 -0.80 0.00 | 36.28 -1.06 0.00 | 27.01 -0.82 0.00 | 22.72 -0.63 0.00 | 34.99 -0.80 0.00 | 42.96 -0.39 0.00 | 54.01 -0.05 0.00 | 57.38 0.03 0.00 | 49.77 -0.24 0.00 | 40.83 -0.04 0.00 | 38.21 0.05 0.00 | 32.04 -0.11 0.00 |
| S.PERRY__115KV_TB1 80734 | 32.58 0.75 0.00 | 37.12 1.02 0.00 | 38.80 1.04 0.00 | 42.10 1.44 0.00 | 42.11 1.44 0.00 | 32.86 1.56 0.00 | 47.30 2.80 0.00 | 68.20 3.89 0.00 | 63.40 3.89 0.00 | 46.93 2.93 0.00 | 42.44 1.93 0.00 | 42.55 1.75 0.00 | 40.05 1.49 0.00 | 38.39 1.04 0.00 | 28.57 0.75 0.00 | 23.60 0.25 0.00 | 35.63 -0.16 0.00 | 43.04 -0.30 0.00 | 53.76 -0.30 0.00 | 59.11 1.75 0.00 | 51.85 1.84 0.00 | 41.45 0.57 0.00 | 39.34 1.19 0.00 | 33.46 1.30 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 31.76 -0.07 0.00 | 36.26 0.16 0.00 | 37.90 0.14 0.00 | 41.01 0.35 0.00 | 41.04 0.37 0.00 | 32.06 0.76 0.00 | 45.62 1.12 0.00 | 65.28 0.97 0.00 | 60.93 1.42 0.00 | 45.67 1.67 0.00 | 41.71 1.20 0.00 | 42.17 1.37 0.00 | 39.78 1.22 0.00 | 38.28 0.94 0.00 | 28.36 0.53 0.00 | 23.65 0.30 0.00 | 35.63 -0.16 0.00 | 42.16 -1.19 0.00 | 52.46 -1.60 0.00 | 55.93 -1.42 0.00 | 48.93 -1.08 0.00 | 40.60 -0.28 0.00 | 38.47 0.31 0.00 | 32.56 0.40 0.00 |

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| SAWYER___23_KV_LOAD 55526 | 31.76 -0.07 0.00 | 36.26 0.16 0.00 | 37.90 0.14 0.00 | 41.01 0.35 0.00 | 41.04 0.37 0.00 | 32.06 0.76 0.00 | 45.62 1.12 0.00 | 65.28 0.97 0.00 | 60.93 1.42 0.00 | 45.67 1.67 0.00 | 41.71 1.20 0.00 | 42.17 1.37 0.00 | 39.78 1.22 0.00 | 38.28 0.94 0.00 | 28.36 0.53 0.00 | 23.65 0.30 0.00 | 35.63 -0.16 0.00 | 42.16 -1.19 0.00 | 52.46 -1.60 0.00 | 55.93 -1.42 0.00 | 48.93 -1.08 0.00 | 40.60 -0.28 0.00 | 38.47 0.31 0.00 | 32.56 0.40 0.00 |
| SELKIRK___I 23801 | 32.13 0.30 0.00 | 36.55 0.46 0.00 | 38.31 0.55 0.00 | 41.17 0.51 0.00 | 41.13 0.46 0.00 | 31.63 0.33 0.00 | 45.30 0.79 0.00 | 65.51 1.20 0.00 | 60.64 1.13 0.00 | 44.83 0.83 0.00 | 41.41 0.90 0.00 | 41.71 0.91 0.00 | 39.46 0.90 0.00 | 37.97 0.63 0.00 | 28.33 0.51 0.00 | 23.72 0.37 0.00 | 36.36 0.57 0.00 | 44.03 0.69 0.00 | 54.87 0.81 0.00 | 58.11 0.75 0.00 | 50.72 0.71 0.00 | 41.47 0.60 0.00 | 38.64 0.48 0.00 | 32.59 0.44 0.00 |
| SELKIRK___II 23799 | 31.87 0.04 0.00 | 36.34 0.25 0.00 | 38.09 0.33 0.00 | 40.93 0.27 0.00 | 40.89 0.22 0.00 | 31.50 0.20 0.00 | 45.11 0.61 0.00 | 65.31 1.00 0.00 | 60.47 0.95 0.00 | 44.69 0.70 0.00 | 41.29 0.78 0.00 | 41.64 0.84 0.00 | 39.47 0.90 0.00 | 37.96 0.61 0.00 | 28.35 0.52 0.00 | 23.72 0.37 0.00 | 36.31 0.52 0.00 | 43.93 0.58 0.00 | 54.68 0.62 0.00 | 57.91 0.55 0.00 | 50.52 0.51 0.00 | 41.29 0.42 0.00 | 38.47 0.32 0.00 | 32.46 0.31 0.00 |
| SENECA OSWGO___HYD 24041 | 31.20 -0.64 0.00 | 35.37 -0.72 0.00 | 36.97 -0.79 0.00 | 39.83 -0.83 0.00 | 39.85 -0.82 0.00 | 30.79 -0.51 0.00 | 43.97 -0.53 0.00 | 63.59 -0.72 0.00 | 58.88 -0.63 0.00 | 43.49 -0.50 0.00 | 40.01 -0.50 0.00 | 40.30 -0.51 0.00 | 37.92 -0.64 0.00 | 36.54 -0.81 0.00 | 27.18 -0.64 0.00 | 22.85 -0.50 0.00 | 35.05 -0.73 0.00 | 42.48 -0.87 0.00 | 53.10 -0.96 0.00 | 56.41 -0.94 0.00 | 49.12 -0.89 0.00 | 40.23 -0.64 0.00 | 37.60 -0.55 0.00 | 31.66 -0.50 0.00 |
| SENECA___115KV_TB3 355854 | 31.93 0.10 0.00 | 36.47 0.37 0.00 | 38.10 0.33 0.00 | 41.25 0.59 0.00 | 41.24 0.57 0.00 | 32.26 0.96 0.00 | 46.00 1.50 0.00 | 65.88 1.57 0.00 | 61.43 1.92 0.00 | 45.97 1.98 0.00 | 41.48 1.46 0.49 | 42.47 1.67 0.00 | 40.03 1.47 0.00 | 38.48 1.13 0.00 | 28.51 0.68 0.00 | 23.78 0.43 0.00 | 35.88 0.09 0.00 | 42.56 -0.78 0.00 | 53.06 -0.99 0.00 | 56.59 -0.76 0.00 | 49.44 -0.56 0.00 | 40.96 0.08 0.00 | 38.76 0.61 0.00 | 32.73 0.58 0.00 |
| SENECA___ENERGY 23797 | 31.83 0.00 0.00 | 36.18 0.08 0.00 | 37.79 0.03 0.00 | 40.84 0.18 0.00 | 40.82 0.16 0.00 | 31.66 0.37 0.00 | 45.37 0.88 0.00 | 65.45 1.14 0.00 | 60.62 1.10 0.00 | 44.78 0.78 0.00 | 41.16 0.64 0.00 | 41.38 0.58 0.00 | 39.03 0.46 0.00 | 37.41 0.07 0.00 | 27.76 -0.07 0.00 | 23.22 -0.13 0.00 | 35.64 -0.15 0.00 | 43.22 -0.13 0.00 | 54.15 0.09 0.00 | 57.72 0.37 0.00 | 50.13 0.13 0.00 | 41.11 0.24 0.00 | 38.47 0.31 0.00 | 32.40 0.24 0.00 |
| SHOEMAKER___GT 23640 | 33.00 1.17 0.00 | 37.39 1.29 0.00 | 39.02 1.26 0.00 | 41.95 1.29 0.00 | 41.89 1.23 0.00 | 32.39 1.10 0.00 | 46.55 2.05 0.00 | 67.43 3.12 0.00 | 62.29 2.78 0.00 | 45.88 1.88 0.00 | 42.43 1.92 0.00 | 42.91 2.11 0.00 | 40.66 2.10 0.00 | 39.02 1.67 0.00 | 29.61 1.31 -0.47 | 24.69 1.00 -0.34 | 37.33 1.54 0.00 | 45.23 1.89 0.00 | 56.51 2.46 0.00 | 59.91 2.56 0.00 | 51.98 1.98 0.00 | 42.41 1.54 0.00 | 39.56 1.41 0.00 | 33.34 1.18 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 32.98 1.15 0.00 | 37.38 1.28 0.00 | 39.01 1.25 0.00 | 41.92 1.26 0.00 | 41.86 1.19 0.00 | 32.38 1.08 0.00 | 46.51 2.01 0.00 | 67.39 3.08 0.00 | 62.28 2.76 0.00 | 45.86 1.86 0.00 | 42.43 1.92 0.00 | 42.91 2.11 0.00 | 40.69 2.13 0.00 | 39.05 1.71 0.00 | 29.62 1.33 -0.46 | 24.70 1.02 -0.33 | 37.36 1.57 0.00 | 45.23 1.89 0.00 | 56.47 2.41 0.00 | 59.86 2.51 0.00 | 51.93 1.93 0.00 | 42.39 1.52 0.00 | 39.52 1.37 0.00 | 33.33 1.17 0.00 |
| SHOREHAM_IC_1 23715 | 33.73 1.27 -0.63 | 41.10 1.48 -3.53 | 39.19 1.43 0.00 | 42.09 1.43 0.00 | 41.75 1.08 0.00 | 31.99 0.69 0.00 | 45.41 0.91 0.00 | 64.07 0.87 1.11 | 57.02 1.13 3.62 | 44.98 1.01 0.02 | 43.30 1.79 -1.00 | 43.90 2.07 -1.03 | 48.67 2.35 -7.76 | 44.56 1.68 -5.54 | 32.91 1.43 -3.65 | 36.38 1.20 -11.83 | 37.25 1.57 0.11 | 42.20 1.13 2.27 | 51.73 0.42 2.75 | 54.73 0.40 3.02 | 47.94 0.37 2.43 | 40.03 0.71 1.55 | 38.98 0.83 0.00 | 33.07 0.91 0.00 |
| SHOREHAM_IC_2 23716 | 33.73 1.27 -0.63 | 41.10 1.48 -3.53 | 39.19 1.43 0.00 | 42.09 1.43 0.00 | 41.74 1.07 0.00 | 31.99 0.69 0.00 | 45.41 0.91 0.00 | 64.07 0.87 1.11 | 57.02 1.13 3.62 | 44.95 0.98 0.02 | 43.31 1.80 -1.00 | 43.91 2.08 -1.03 | 48.67 2.34 -7.76 | 44.55 1.66 -5.54 | 32.91 1.43 -3.65 | 36.39 1.21 -11.83 | 37.26 1.58 0.11 | 42.20 1.13 2.27 | 51.72 0.41 2.75 | 54.73 0.40 3.02 | 47.95 0.37 2.43 | 40.03 0.71 1.55 | 38.98 0.82 0.00 | 33.07 0.91 0.00 |
| SISSONVILLE____ 23735 | 32.52 0.69 0.00 | 36.81 0.71 0.00 | 38.51 0.75 0.00 | 41.55 0.89 0.00 | 41.73 1.06 0.00 | 32.14 0.84 0.00 | 45.15 0.65 0.00 | 65.20 0.89 0.00 | 60.12 0.61 0.00 | 44.64 0.65 0.00 | 40.81 0.30 0.00 | 40.54 -0.26 0.00 | 38.14 -0.43 0.00 | 37.30 -0.05 0.00 | 27.75 -0.08 0.00 | 23.33 -0.01 0.00 | 35.97 0.18 0.00 | 43.70 0.36 0.00 | 54.91 0.85 0.00 | 58.35 1.00 0.00 | 51.14 1.14 0.00 | 41.91 1.04 0.00 | 39.11 0.96 0.00 | 32.89 0.74 0.00 |
| SITHE_IND_GS1 24169 | 30.93 -0.90 0.00 | 35.08 -1.01 0.00 | 36.66 -1.10 0.00 | 39.51 -1.16 0.00 | 39.51 -1.16 0.00 | 30.51 -0.79 0.00 | 43.52 -0.98 0.00 | 62.90 -1.42 0.00 | 58.23 -1.28 0.00 | 43.04 -0.95 0.00 | 39.59 -0.92 0.00 | 39.89 -0.91 0.00 | 37.63 -0.93 0.00 | 36.30 -1.05 0.00 | 27.02 -0.80 0.00 | 22.68 -0.67 0.00 | 34.75 -1.04 0.00 | 42.07 -1.27 0.00 | 52.53 -1.52 0.00 | 55.80 -1.56 0.00 | 48.60 -1.40 0.00 | 39.79 -1.08 0.00 | 37.18 -0.97 0.00 | 31.32 -0.83 0.00 |
| SITHE_IND_GS2 24170 | 30.93 -0.90 0.00 | 35.08 -1.01 0.00 | 36.66 -1.10 0.00 | 39.51 -1.16 0.00 | 39.51 -1.16 0.00 | 30.51 -0.79 0.00 | 43.52 -0.98 0.00 | 62.90 -1.42 0.00 | 58.23 -1.28 0.00 | 43.04 -0.95 0.00 | 39.59 -0.92 0.00 | 39.89 -0.91 0.00 | 37.63 -0.93 0.00 | 36.30 -1.05 0.00 | 27.02 -0.80 0.00 | 22.68 -0.67 0.00 | 34.75 -1.04 0.00 | 42.07 -1.27 0.00 | 52.53 -1.52 0.00 | 55.80 -1.56 0.00 | 48.60 -1.40 0.00 | 39.79 -1.08 0.00 | 37.18 -0.97 0.00 | 31.32 -0.83 0.00 |
| SITHE_IND_GS3 24171 | 30.93 -0.90 0.00 | 35.08 -1.01 0.00 | 36.66 -1.10 0.00 | 39.51 -1.16 0.00 | 39.51 -1.16 0.00 | 30.51 -0.79 0.00 | 43.52 -0.98 0.00 | 62.90 -1.42 0.00 | 58.23 -1.28 0.00 | 43.04 -0.95 0.00 | 39.59 -0.92 0.00 | 39.89 -0.91 0.00 | 37.63 -0.93 0.00 | 36.30 -1.05 0.00 | 27.02 -0.80 0.00 | 22.68 -0.67 0.00 | 34.75 -1.04 0.00 | 42.07 -1.27 0.00 | 52.53 -1.52 0.00 | 55.80 -1.56 0.00 | 48.60 -1.40 0.00 | 39.79 -1.08 0.00 | 37.18 -0.97 0.00 | 31.32 -0.83 0.00 |
| SITHE_IND_GS4 24172 | 30.93 -0.90 0.00 | 35.08 -1.01 0.00 | 36.66 -1.10 0.00 | 39.51 -1.16 0.00 | 39.51 -1.16 0.00 | 30.51 -0.79 0.00 | 43.52 -0.98 0.00 | 62.90 -1.42 0.00 | 58.23 -1.28 0.00 | 43.04 -0.95 0.00 | 39.59 -0.92 0.00 | 39.89 -0.91 0.00 | 37.63 -0.93 0.00 | 36.30 -1.05 0.00 | 27.02 -0.80 0.00 | 22.68 -0.67 0.00 | 34.75 -1.04 0.00 | 42.07 -1.27 0.00 | 52.53 -1.52 0.00 | 55.80 -1.56 0.00 | 48.60 -1.40 0.00 | 39.79 -1.08 0.00 | 37.18 -0.97 0.00 | 31.32 -0.83 0.00 |

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| SITHE___BATAVIA 24024 | 32.55 0.72 0.00 | 37.05 0.96 0.00 | 38.73 0.96 0.00 | 41.88 1.22 0.00 | 41.91 1.24 0.00 | 32.75 1.45 0.00 | 46.75 2.25 0.00 | 67.14 2.83 0.00 | 62.55 3.04 0.00 | 46.66 2.66 0.00 | 41.97 1.78 0.31 | 42.45 1.65 0.00 | 40.16 1.60 0.00 | 38.41 1.07 0.00 | 28.47 0.65 0.00 | 23.96 0.61 0.00 | 36.37 0.58 0.00 | 43.09 -0.25 0.00 | 54.17 0.12 0.00 | 57.81 0.45 0.00 | 50.51 0.51 0.00 | 41.74 0.87 0.00 | 39.41 1.26 0.00 | 33.35 1.19 0.00 |
| SITHE___INDEPEND 23800 | 30.93 -0.90 0.00 | 35.08 -1.01 0.00 | 36.67 -1.09 0.00 | 39.51 -1.16 0.00 | 39.51 -1.16 0.00 | 30.51 -0.79 0.00 | 43.52 -0.98 0.00 | 62.90 -1.42 0.00 | 58.24 -1.28 0.00 | 43.04 -0.95 0.00 | 39.59 -0.92 0.00 | 39.89 -0.91 0.00 | 37.63 -0.94 0.00 | 36.30 -1.05 0.00 | 27.02 -0.81 0.00 | 22.68 -0.67 0.00 | 34.75 -1.04 0.00 | 42.07 -1.27 0.00 | 52.54 -1.52 0.00 | 55.80 -1.56 0.00 | 48.60 -1.40 0.00 | 39.79 -1.08 0.00 | 37.18 -0.97 0.00 | 31.32 -0.84 0.00 |
| SITHE___MASSENA 23902 | 32.22 0.39 0.00 | 36.50 0.40 0.00 | 38.24 0.48 0.00 | 41.19 0.53 0.00 | 41.28 0.61 0.00 | 31.75 0.45 0.00 | 44.69 0.19 0.00 | 64.50 0.18 0.00 | 59.62 0.10 0.00 | 44.16 0.17 0.00 | 40.54 0.03 0.00 | 40.63 -0.17 0.00 | 38.38 -0.19 0.00 | 37.61 0.26 0.00 | 28.00 0.18 0.00 | 23.53 0.18 0.00 | 36.12 0.33 0.00 | 43.70 0.35 0.00 | 54.62 0.56 0.00 | 57.94 0.59 0.00 | 50.60 0.60 0.00 | 41.36 0.48 0.00 | 38.60 0.45 0.00 | 32.55 0.40 0.00 |
| SITHE___OGDNSBRG 24021 | 32.89 1.06 0.00 | 37.24 1.15 0.00 | 38.99 1.23 0.00 | 42.03 1.37 0.00 | 42.19 1.53 0.00 | 32.50 1.20 0.00 | 45.76 1.26 0.00 | 66.07 1.76 0.00 | 60.68 1.17 0.00 | 44.96 0.96 0.00 | 40.92 0.41 0.00 | 40.66 -0.14 0.00 | 38.33 -0.23 0.00 | 37.64 0.30 0.00 | 28.01 0.19 0.00 | 23.55 0.20 0.00 | 36.24 0.45 0.00 | 44.03 0.68 0.00 | 55.83 1.77 0.00 | 59.38 2.03 0.00 | 51.91 1.91 0.00 | 42.40 1.53 0.00 | 39.54 1.38 0.00 | 33.27 1.12 0.00 |
| SITHE___STERLING 23777 | 32.60 0.77 0.00 | 36.95 0.86 0.00 | 38.60 0.84 0.00 | 41.64 0.98 0.00 | 41.68 1.01 0.00 | 32.26 0.96 0.00 | 46.20 1.70 0.00 | 66.85 2.53 0.00 | 61.74 2.23 0.00 | 45.64 1.65 0.00 | 41.77 1.26 0.00 | 41.95 1.15 0.00 | 39.29 0.73 0.00 | 37.68 0.34 0.00 | 28.06 0.24 0.00 | 23.55 0.21 0.00 | 36.35 0.57 0.00 | 44.50 1.15 0.00 | 55.80 1.74 0.00 | 59.23 1.88 0.00 | 51.50 1.50 0.00 | 42.09 1.21 0.00 | 39.26 1.10 0.00 | 32.98 0.83 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 31.68 -0.16 0.00 | 35.97 -0.13 0.00 | 37.59 -0.17 0.00 | 40.54 -0.13 0.00 | 40.58 -0.09 0.00 | 31.48 0.18 0.00 | 45.05 0.55 0.00 | 65.03 0.72 0.00 | 60.34 0.83 0.00 | 44.72 0.72 0.00 | 40.99 0.49 0.00 | 41.28 0.48 0.00 | 38.81 0.25 0.00 | 37.35 0.00 0.00 | 27.71 -0.12 0.00 | 23.24 -0.11 0.00 | 35.50 -0.28 0.00 | 42.94 -0.41 0.00 | 53.78 -0.28 0.00 | 57.26 -0.09 0.00 | 49.82 -0.19 0.00 | 40.88 0.01 0.00 | 38.27 0.11 0.00 | 32.24 0.08 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 34.11 1.64 -0.64 | 41.54 1.88 -3.56 | 39.58 1.82 0.00 | 42.51 1.85 0.00 | 42.11 1.44 0.00 | 32.26 0.97 0.00 | 45.79 1.29 0.00 | 63.68 1.47 2.10 | 54.32 1.79 6.98 | 45.42 1.47 0.05 | 43.79 2.27 -1.01 | 44.49 2.65 -1.04 | 49.19 2.80 -7.83 | 45.05 2.12 -5.59 | 33.32 1.79 -3.70 | 36.71 1.42 -11.94 | 37.33 1.75 0.21 | 40.56 1.62 4.41 | 49.71 1.00 5.34 | 52.55 1.06 5.85 | 46.25 0.95 4.71 | 39.12 1.27 3.02 | 39.47 1.32 0.00 | 33.49 1.33 0.00 |
| SOUTH CAIRO___GT 23612 | 32.58 0.75 0.00 | 37.06 0.97 0.00 | 38.83 1.07 0.00 | 41.73 1.07 0.00 | 41.74 1.08 0.00 | 32.65 1.35 0.00 | 47.00 2.50 0.00 | 68.26 3.94 0.00 | 63.15 3.64 0.00 | 46.66 2.67 0.00 | 43.14 2.64 0.00 | 43.37 2.57 0.00 | 40.70 2.14 0.00 | 39.11 1.77 0.00 | 28.76 0.94 0.00 | 24.15 0.80 0.00 | 37.38 1.59 0.00 | 45.51 2.17 0.00 | 57.43 3.38 0.00 | 60.93 3.57 0.00 | 53.10 3.10 0.00 | 43.30 2.43 0.00 | 40.20 2.05 0.00 | 33.78 1.62 0.00 |
| SOUTH HAMPTN___IC 23720 | 33.88 1.42 -0.63 | 41.32 1.71 -3.52 | 39.56 1.80 0.00 | 42.60 1.94 0.00 | 42.43 1.76 0.00 | 32.58 1.28 0.00 | 46.33 1.84 0.00 | 65.45 2.15 1.01 | 58.48 2.26 3.30 | 45.74 1.77 0.02 | 43.91 2.41 -1.00 | 44.43 2.60 -1.03 | 49.25 2.94 -7.75 | 45.05 2.18 -5.53 | 33.30 1.83 -3.64 | 36.83 1.68 -11.80 | 37.79 2.11 0.10 | 42.92 1.64 2.06 | 52.33 0.78 2.51 | 55.27 0.66 2.74 | 48.37 0.57 2.20 | 40.29 0.83 1.41 | 39.04 0.89 0.00 | 33.09 0.94 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 32.45 0.62 0.00 | 37.08 0.98 0.00 | 38.71 0.95 0.00 | 41.99 1.33 0.00 | 41.92 1.26 0.00 | 32.79 1.50 0.00 | 47.10 2.60 0.00 | 67.76 3.44 0.00 | 62.76 3.25 0.00 | 46.92 2.92 0.00 | 43.08 2.57 0.00 | 43.74 2.94 0.00 | 41.13 2.57 0.00 | 39.28 1.94 0.00 | 29.07 1.25 0.00 | 24.12 0.77 0.00 | 36.50 0.71 0.00 | 43.68 0.34 0.00 | 54.73 0.67 0.00 | 58.54 1.18 0.00 | 50.90 0.89 0.00 | 41.92 1.05 0.00 | 39.44 1.29 0.00 | 33.07 0.91 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 33.70 1.24 -0.63 | 41.20 1.59 -3.52 | 39.60 1.83 0.00 | 42.79 2.13 0.00 | 42.80 2.13 0.00 | 32.94 1.64 0.00 | 46.90 2.40 0.00 | 66.20 2.90 1.01 | 59.11 2.90 3.31 | 46.13 2.16 0.02 | 44.17 2.66 -1.00 | 44.54 2.71 -1.03 | 49.48 3.18 -7.75 | 45.22 2.35 -5.53 | 33.45 1.98 -3.64 | 37.12 1.97 -11.80 | 38.06 2.37 0.10 | 43.00 1.73 2.07 | 52.10 0.54 2.51 | 54.90 0.29 2.75 | 48.00 0.21 2.21 | 39.95 0.49 1.42 | 38.68 0.52 0.00 | 32.77 0.61 0.00 |
| SOUTHOLD___IC 23719 | 33.70 1.24 -0.63 | 41.21 1.59 -3.52 | 39.60 1.84 0.00 | 42.79 2.13 0.00 | 42.81 2.14 0.00 | 32.94 1.64 0.00 | 46.89 2.39 0.00 | 66.20 2.90 1.01 | 59.10 2.89 3.31 | 46.16 2.18 0.02 | 44.16 2.66 -1.00 | 44.53 2.70 -1.03 | 49.49 3.19 -7.75 | 45.23 2.36 -5.53 | 33.45 1.98 -3.64 | 37.12 1.96 -11.80 | 38.06 2.37 0.10 | 43.00 1.73 2.07 | 52.10 0.55 2.51 | 54.89 0.28 2.75 | 48.00 0.20 2.21 | 39.95 0.49 1.42 | 38.68 0.52 0.00 | 32.77 0.61 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 33.31 0.85 -0.63 | 40.83 1.22 -3.52 | 39.36 1.60 0.00 | 42.64 1.98 0.00 | 42.82 2.15 0.00 | 33.00 1.70 0.00 | 46.98 2.48 0.00 | 66.26 2.96 1.01 | 59.08 2.87 3.30 | 46.08 2.11 0.02 | 44.00 2.49 -1.00 | 44.26 2.43 -1.03 | 49.35 3.04 -7.75 | 45.04 2.17 -5.53 | 33.33 1.86 -3.64 | 37.15 2.00 -11.80 | 37.98 2.29 0.10 | 42.67 1.39 2.07 | 51.34 -0.21 2.51 | 53.99 -0.62 2.75 | 47.20 -0.60 2.21 | 39.29 -0.17 1.41 | 38.04 -0.11 0.00 | 32.22 0.06 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 32.69 0.86 0.00 | 37.03 0.93 0.00 | 38.73 0.96 0.00 | 41.69 1.03 0.00 | 41.65 0.98 0.00 | 32.08 0.79 0.00 | 46.28 1.78 0.00 | 67.15 2.83 0.00 | 62.05 2.54 0.00 | 45.77 1.78 0.00 | 42.12 1.61 0.00 | 42.41 1.61 0.00 | 39.93 1.37 0.00 | 38.18 0.84 0.00 | 28.46 0.64 0.00 | 23.99 0.64 0.00 | 36.92 1.13 0.00 | 45.19 1.84 0.00 | 56.49 2.44 0.00 | 59.80 2.45 0.00 | 52.02 2.02 0.00 | 42.45 1.58 0.00 | 39.42 1.27 0.00 | 32.98 0.83 0.00 |
| ST LAWRENCE____ 23600 | 31.82 -0.01 0.00 | 36.06 -0.04 0.00 | 37.79 0.03 0.00 | 40.70 0.04 0.00 | 40.77 0.11 0.00 | 31.34 0.05 0.00 | 44.14 -0.36 0.00 | 63.72 -0.60 0.00 | 58.92 -0.59 0.00 | 43.64 -0.36 0.00 | 40.12 -0.39 0.00 | 40.29 -0.52 0.00 | 38.05 -0.51 0.00 | 37.26 -0.08 0.00 | 27.74 -0.09 0.00 | 23.32 -0.03 0.00 | 35.76 -0.03 0.00 | 43.25 -0.10 0.00 | 53.97 -0.09 0.00 | 57.24 -0.12 0.00 | 49.96 -0.04 0.00 | 40.83 -0.04 0.00 | 38.11 -0.04 0.00 | 32.16 0.00 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 32.00 0.17 0.00 | 36.36 0.26 0.00 | 38.06 0.30 0.00 | 40.86 0.19 0.00 | 40.82 0.15 0.00 | 31.45 0.15 0.00 | 45.12 0.62 0.00 | 65.37 1.06 0.00 | 60.56 1.05 0.00 | 44.76 0.77 0.00 | 41.39 0.89 0.00 | 41.70 0.90 0.00 | 39.56 1.00 0.00 | 37.98 0.63 0.00 | 28.43 0.60 0.00 | 23.76 0.41 0.00 | 36.37 0.58 0.00 | 44.05 0.70 0.00 | 54.79 0.74 0.00 | 57.98 0.63 0.00 | 50.56 0.56 0.00 | 41.31 0.43 0.00 | 38.44 0.29 0.00 | 32.45 0.29 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 31.98 0.15 0.00 | 36.33 0.24 0.00 | 37.94 0.17 0.00 | 40.95 0.29 0.00 | 40.98 0.30 0.00 | 31.57 0.27 0.00 | 45.19 0.69 0.00 | 65.28 0.97 0.00 | 60.43 0.91 0.00 | 44.61 0.62 0.00 | 40.96 0.45 0.00 | 41.22 0.42 0.00 | 38.82 0.26 0.00 | 37.25 -0.10 0.00 | 27.65 -0.18 0.00 | 23.16 -0.19 0.00 | 35.61 -0.18 0.00 | 43.30 -0.04 0.00 | 54.32 0.26 0.00 | 57.99 0.64 0.00 | 50.28 0.28 0.00 | 41.29 0.42 0.00 | 38.46 0.31 0.00 | 32.46 0.31 0.00 |
| STATION_5_MISC_HYD 23604 | 31.96 0.13 0.00 | 36.32 0.23 0.00 | 37.96 0.19 0.00 | 40.97 0.30 0.00 | 41.00 0.32 0.00 | 31.87 0.57 0.00 | 45.53 1.03 0.00 | 65.63 1.32 0.00 | 61.03 1.52 0.00 | 45.39 1.39 0.00 | 41.32 0.99 0.17 | 41.85 1.05 0.00 | 39.39 0.83 0.00 | 37.96 0.62 0.00 | 28.24 0.41 0.00 | 23.69 0.34 0.00 | 35.97 0.18 0.00 | 43.17 -0.17 0.00 | 53.93 -0.13 0.00 | 57.39 0.04 0.00 | 50.06 0.06 0.00 | 41.13 0.26 0.00 | 38.64 0.49 0.00 | 32.58 0.43 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 31.82 -0.01 0.00 | 36.15 0.06 0.00 | 37.77 0.01 0.00 | 40.77 0.11 0.00 | 40.79 0.12 0.00 | 31.67 0.38 0.00 | 45.33 0.83 0.00 | 65.40 1.09 0.00 | 60.69 1.17 0.00 | 44.97 0.97 0.00 | 41.21 0.70 0.00 | 41.49 0.69 0.00 | 39.06 0.50 0.00 | 37.56 0.21 0.00 | 27.91 0.09 0.00 | 23.40 0.05 0.00 | 35.74 -0.05 0.00 | 43.19 -0.16 0.00 | 54.04 -0.02 0.00 | 57.52 0.17 0.00 | 50.07 0.06 0.00 | 41.09 0.22 0.00 | 38.50 0.34 0.00 | 32.42 0.27 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 31.75 -0.09 0.00 | 36.07 -0.03 0.00 | 37.70 -0.07 0.00 | 40.66 0.00 0.00 | 40.70 0.04 0.00 | 31.63 0.33 0.00 | 45.19 0.69 0.00 | 65.15 0.84 0.00 | 60.55 1.04 0.00 | 45.03 1.04 0.00 | 41.20 0.69 0.00 | 41.52 0.72 0.00 | 39.09 0.53 0.00 | 37.69 0.35 0.00 | 28.01 0.19 0.00 | 23.50 0.15 0.00 | 35.72 -0.07 0.00 | 42.93 -0.42 0.00 | 53.61 -0.45 0.00 | 57.04 -0.32 0.00 | 49.74 -0.26 0.00 | 40.85 -0.02 0.00 | 38.36 0.20 0.00 | 32.35 0.20 0.00 |
| STA_56___34_KV_BUS2 355983 | 31.75 -0.09 0.00 | 36.07 -0.03 0.00 | 37.70 -0.07 0.00 | 40.66 0.00 0.00 | 40.70 0.04 0.00 | 31.63 0.33 0.00 | 45.19 0.69 0.00 | 65.15 0.84 0.00 | 60.55 1.04 0.00 | 45.03 1.04 0.00 | 41.20 0.69 0.00 | 41.52 0.72 0.00 | 39.09 0.53 0.00 | 37.69 0.35 0.00 | 28.01 0.19 0.00 | 23.50 0.15 0.00 | 35.72 -0.07 0.00 | 42.93 -0.42 0.00 | 53.61 -0.45 0.00 | 57.04 -0.32 0.00 | 49.74 -0.26 0.00 | 40.85 -0.02 0.00 | 38.36 0.20 0.00 | 32.35 0.20 0.00 |
| STA_67___115KV_BK2 355882 | 31.91 0.08 0.00 | 36.27 0.17 0.00 | 37.90 0.14 0.00 | 40.90 0.24 0.00 | 40.95 0.28 0.00 | 31.82 0.52 0.00 | 45.46 0.96 0.00 | 65.53 1.22 0.00 | 60.91 1.40 0.00 | 45.31 1.32 0.00 | 41.43 0.91 0.00 | 41.77 0.97 0.00 | 39.33 0.77 0.00 | 37.91 0.56 0.00 | 28.18 0.35 0.00 | 23.63 0.28 0.00 | 35.90 0.11 0.00 | 43.09 -0.26 0.00 | 53.82 -0.24 0.00 | 57.28 -0.07 0.00 | 49.96 -0.04 0.00 | 41.05 0.18 0.00 | 38.57 0.41 0.00 | 32.54 0.39 0.00 |
| STA_7___115KV_9TRANS 80674 | 32.04 0.21 0.00 | 36.40 0.31 0.00 | 38.02 0.26 0.00 | 41.02 0.36 0.00 | 41.07 0.40 0.00 | 31.93 0.63 0.00 | 45.63 1.13 0.00 | 65.82 1.51 0.00 | 61.21 1.69 0.00 | 45.53 1.54 0.00 | 41.62 1.11 0.00 | 41.96 1.16 0.00 | 39.49 0.93 0.00 | 38.06 0.72 0.00 | 28.29 0.46 0.00 | 23.72 0.38 0.00 | 36.05 0.26 0.00 | 43.31 -0.03 0.00 | 54.13 0.07 0.00 | 57.62 0.27 0.00 | 50.26 0.26 0.00 | 41.28 0.41 0.00 | 38.75 0.60 0.00 | 32.68 0.52 0.00 |
| STA_82___115KV_TB1 80780 | 31.93 0.10 0.00 | 36.29 0.20 0.00 | 37.93 0.17 0.00 | 40.93 0.27 0.00 | 40.97 0.30 0.00 | 31.85 0.55 0.00 | 45.50 1.00 0.00 | 65.56 1.25 0.00 | 60.97 1.46 0.00 | 45.35 1.35 0.00 | 41.46 0.95 0.00 | 41.78 0.98 0.00 | 39.34 0.78 0.00 | 37.92 0.58 0.00 | 28.19 0.36 0.00 | 23.63 0.28 0.00 | 35.91 0.12 0.00 | 43.11 -0.23 0.00 | 53.84 -0.21 0.00 | 57.31 -0.04 0.00 | 50.00 0.00 0.00 | 41.08 0.21 0.00 | 38.59 0.44 0.00 | 32.56 0.40 0.00 |
| STEEL___WIND 323596 | 31.90 0.06 0.00 | 36.43 0.33 0.00 | 38.06 0.30 0.00 | 41.22 0.55 0.00 | 41.19 0.52 0.00 | 32.24 0.94 0.00 | 45.95 1.45 0.00 | 65.81 1.49 0.00 | 61.36 1.85 0.00 | 45.91 1.92 0.00 | 41.43 1.41 0.49 | 42.41 1.61 0.00 | 39.99 1.42 0.00 | 38.43 1.09 0.00 | 28.48 0.65 0.00 | 23.75 0.40 0.00 | 35.84 0.05 0.00 | 42.52 -0.82 0.00 | 53.01 -1.05 0.00 | 56.53 -0.82 0.00 | 49.39 -0.61 0.00 | 40.92 0.04 0.00 | 38.72 0.57 0.00 | 32.70 0.55 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 32.14 0.31 0.00 | 36.51 0.42 0.00 | 38.29 0.53 0.00 | 41.05 0.39 0.00 | 41.07 0.40 0.00 | 31.64 0.35 0.00 | 45.60 1.10 0.00 | 66.01 1.70 0.00 | 61.06 1.55 0.00 | 45.13 1.14 0.00 | 41.69 1.18 0.00 | 42.04 1.24 0.00 | 39.84 1.28 0.00 | 38.28 0.93 0.00 | 28.59 0.76 0.00 | 23.86 0.51 0.00 | 36.72 0.93 0.00 | 44.48 1.13 0.00 | 55.18 1.12 0.00 | 58.39 1.04 0.00 | 50.90 0.90 0.00 | 41.57 0.70 0.00 | 38.66 0.51 0.00 | 32.59 0.44 0.00 |
| STEUBEN_REC_LFGE 323667 | 31.11 -0.73 0.00 | 35.50 -0.60 0.00 | 37.14 -0.62 0.00 | 40.62 -0.04 0.00 | 40.51 -0.16 0.00 | 31.64 0.34 0.00 | 45.69 1.20 0.00 | 65.67 1.36 0.00 | 60.86 1.34 0.00 | 44.94 0.94 0.00 | 41.06 0.55 0.00 | 41.46 0.66 0.00 | 38.87 0.31 0.00 | 36.99 -0.35 0.00 | 27.29 -0.53 0.00 | 22.69 -0.66 0.00 | 34.80 -0.99 0.00 | 42.26 -1.09 0.00 | 53.05 -1.01 0.00 | 56.82 -0.53 0.00 | 49.26 -0.74 0.00 | 40.64 -0.23 0.00 | 38.15 0.00 0.00 | 31.85 -0.30 0.00 |
| STILLWATER___SOLAR 323814 | 32.79 0.96 0.00 | 37.18 1.08 0.00 | 38.88 1.12 0.00 | 41.81 1.15 0.00 | 41.80 1.13 0.00 | 32.23 0.93 0.00 | 46.34 1.85 0.00 | 67.10 2.79 0.00 | 62.04 2.53 0.00 | 45.82 1.83 0.00 | 42.24 1.73 0.00 | 42.53 1.73 0.00 | 40.11 1.54 0.00 | 38.38 1.04 0.00 | 28.64 0.81 0.00 | 24.07 0.72 0.00 | 37.01 1.22 0.00 | 45.12 1.78 0.00 | 56.33 2.27 0.00 | 59.62 2.27 0.00 | 51.95 1.94 0.00 | 42.41 1.54 0.00 | 39.44 1.29 0.00 | 33.12 0.97 0.00 |
| STONY___BROOK 24151 | 34.10 1.64 -0.63 | 41.52 1.88 -3.55 | 39.58 1.82 0.00 | 42.50 1.84 0.00 | 42.12 1.45 0.00 | 32.26 0.96 0.00 | 45.75 1.25 0.00 | 64.11 1.34 1.54 | 56.06 1.63 5.08 | 45.39 1.43 0.03 | 43.74 2.22 -1.01 | 44.42 2.59 -1.04 | 49.13 2.77 -7.80 | 45.01 2.09 -5.57 | 33.25 1.75 -3.68 | 36.64 1.40 -11.89 | 37.36 1.72 0.15 | 41.68 1.54 3.20 | 50.91 0.73 3.88 | 53.85 0.75 4.25 | 47.29 0.70 3.41 | 39.87 1.19 2.19 | 39.45 1.30 0.00 | 33.47 1.31 0.00 |
| STURGEON_POOL_HYD 23609 | 33.03 1.20 0.00 | 37.41 1.31 0.00 | 39.01 1.25 0.00 | 41.91 1.25 0.00 | 41.81 1.15 0.00 | 32.26 0.96 0.00 | 46.26 1.76 0.00 | 67.04 2.72 0.00 | 62.02 2.50 0.00 | 45.70 1.71 0.00 | 42.38 1.87 0.00 | 42.87 2.07 0.00 | 40.73 2.16 0.00 | 39.11 1.77 0.00 | 29.22 1.39 0.00 | 24.41 1.06 0.00 | 37.44 1.65 0.00 | 45.14 1.80 0.00 | 56.17 2.12 0.00 | 59.60 2.24 0.00 | 51.89 1.88 0.00 | 42.34 1.47 0.00 | 39.48 1.33 0.00 | 33.27 1.12 0.00 |

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| ST_LAW_115_BK7_LBMP 345037 | 31.85 0.02 0.00 | 36.08 -0.01 0.00 | 37.82 0.06 0.00 | 40.73 0.07 0.00 | 40.81 0.14 0.00 | 31.36 0.06 0.00 | 44.16 -0.34 0.00 | 63.72 -0.60 0.00 | 58.93 -0.59 0.00 | 43.64 -0.36 0.00 | 40.12 -0.39 0.00 | 40.26 -0.54 0.00 | 38.04 -0.53 0.00 | 37.28 -0.07 0.00 | 27.74 -0.08 0.00 | 23.32 -0.03 0.00 | 35.79 0.00 0.00 | 43.26 -0.08 0.00 | 54.00 -0.05 0.00 | 57.28 -0.07 0.00 | 50.01 0.00 0.00 | 40.85 -0.02 0.00 | 38.14 -0.01 0.00 | 32.18 0.03 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 31.85 0.02 0.00 | 36.08 -0.01 0.00 | 37.82 0.06 0.00 | 40.73 0.07 0.00 | 40.81 0.14 0.00 | 31.36 0.06 0.00 | 44.16 -0.34 0.00 | 63.72 -0.60 0.00 | 58.93 -0.59 0.00 | 43.64 -0.36 0.00 | 40.12 -0.39 0.00 | 40.26 -0.54 0.00 | 38.04 -0.53 0.00 | 37.28 -0.07 0.00 | 27.74 -0.08 0.00 | 23.32 -0.03 0.00 | 35.79 0.00 0.00 | 43.26 -0.08 0.00 | 54.00 -0.05 0.00 | 57.28 -0.07 0.00 | 50.01 0.00 0.00 | 40.85 -0.02 0.00 | 38.14 -0.01 0.00 | 32.18 0.03 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 31.82 -0.01 0.00 | 36.06 -0.04 0.00 | 37.79 0.03 0.00 | 40.70 0.04 0.00 | 40.77 0.11 0.00 | 31.34 0.05 0.00 | 44.14 -0.36 0.00 | 63.72 -0.60 0.00 | 58.92 -0.59 0.00 | 43.64 -0.36 0.00 | 40.12 -0.39 0.00 | 40.29 -0.52 0.00 | 38.05 -0.51 0.00 | 37.26 -0.08 0.00 | 27.74 -0.09 0.00 | 23.32 -0.03 0.00 | 35.76 -0.03 0.00 | 43.25 -0.10 0.00 | 53.97 -0.09 0.00 | 57.24 -0.12 0.00 | 49.96 -0.04 0.00 | 40.83 -0.04 0.00 | 38.11 -0.04 0.00 | 32.16 0.00 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 31.82 -0.01 0.00 | 36.06 -0.04 0.00 | 37.79 0.03 0.00 | 40.70 0.04 0.00 | 40.77 0.11 0.00 | 31.34 0.05 0.00 | 44.14 -0.36 0.00 | 63.72 -0.60 0.00 | 58.92 -0.59 0.00 | 43.64 -0.36 0.00 | 40.12 -0.39 0.00 | 40.29 -0.52 0.00 | 38.05 -0.51 0.00 | 37.26 -0.08 0.00 | 27.74 -0.09 0.00 | 23.32 -0.03 0.00 | 35.76 -0.03 0.00 | 43.25 -0.10 0.00 | 53.97 -0.09 0.00 | 57.24 -0.12 0.00 | 49.96 -0.04 0.00 | 40.83 -0.04 0.00 | 38.11 -0.04 0.00 | 32.16 0.00 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 33.05 1.21 0.00 | 37.44 1.34 0.00 | 39.05 1.29 0.00 | 41.97 1.31 0.00 | 41.90 1.23 0.00 | 32.43 1.13 0.00 | 46.60 2.11 0.00 | 67.55 3.23 0.00 | 62.44 2.92 0.00 | 45.94 1.95 0.00 | 42.58 2.07 0.00 | 43.10 2.30 0.00 | 40.92 2.36 0.00 | 39.28 1.94 0.00 | 29.83 1.52 -0.49 | 24.86 1.16 -0.36 | 37.56 1.77 0.00 | 45.41 2.06 0.00 | 56.64 2.59 0.00 | 60.02 2.67 0.00 | 52.04 2.04 0.00 | 42.45 1.58 0.00 | 39.58 1.43 0.00 | 33.38 1.23 0.00 |
| SWANROAD_115KV_TB1 355699 | 31.51 -0.32 0.00 | 35.96 -0.14 0.00 | 37.60 -0.17 0.00 | 40.71 0.04 0.00 | 40.72 0.05 0.00 | 31.80 0.50 0.00 | 45.12 0.62 0.00 | 64.30 -0.01 0.00 | 59.98 0.47 0.00 | 45.00 1.01 0.00 | 41.05 0.54 0.00 | 41.50 0.70 0.00 | 39.16 0.60 0.00 | 37.68 0.33 0.00 | 27.91 0.09 0.00 | 23.32 -0.03 0.00 | 35.03 -0.76 0.00 | 41.27 -2.08 0.00 | 51.39 -2.67 0.00 | 54.77 -2.58 0.00 | 48.00 -2.01 0.00 | 39.91 -0.96 0.00 | 37.96 -0.19 0.00 | 32.29 0.14 0.00 |
| SYNERGY___BIOGAS 323694 | 32.55 0.72 0.00 | 37.06 0.96 0.00 | 38.72 0.96 0.00 | 41.88 1.22 0.00 | 41.92 1.25 0.00 | 32.75 1.45 0.00 | 46.75 2.25 0.00 | 67.14 2.83 0.00 | 62.55 3.04 0.00 | 46.67 2.68 0.00 | 42.28 1.78 0.00 | 42.46 1.65 0.00 | 40.16 1.60 0.00 | 38.42 1.07 0.00 | 28.44 0.62 0.00 | 23.94 0.59 0.00 | 36.35 0.57 0.00 | 43.10 -0.25 0.00 | 54.18 0.12 0.00 | 57.82 0.47 0.00 | 50.52 0.52 0.00 | 41.74 0.87 0.00 | 39.40 1.25 0.00 | 33.35 1.20 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 31.65 -0.18 0.00 | 35.91 -0.19 0.00 | 37.52 -0.25 0.00 | 40.45 -0.21 0.00 | 40.44 -0.22 0.00 | 31.25 -0.05 0.00 | 44.68 0.18 0.00 | 64.61 0.30 0.00 | 59.78 0.26 0.00 | 44.15 0.16 0.00 | 40.60 0.09 0.00 | 40.89 0.09 0.00 | 38.52 -0.04 0.00 | 37.06 -0.28 0.00 | 27.54 -0.28 0.00 | 23.12 -0.23 0.00 | 35.51 -0.28 0.00 | 43.09 -0.25 0.00 | 53.90 -0.16 0.00 | 57.31 -0.04 0.00 | 49.83 -0.17 0.00 | 40.81 -0.06 0.00 | 38.12 -0.03 0.00 | 32.09 -0.06 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 31.65 -0.18 0.00 | 35.91 -0.19 0.00 | 37.52 -0.25 0.00 | 40.45 -0.21 0.00 | 40.44 -0.22 0.00 | 31.25 -0.05 0.00 | 44.68 0.18 0.00 | 64.61 0.30 0.00 | 59.78 0.26 0.00 | 44.15 0.16 0.00 | 40.60 0.09 0.00 | 40.89 0.09 0.00 | 38.52 -0.04 0.00 | 37.06 -0.28 0.00 | 27.54 -0.28 0.00 | 23.12 -0.23 0.00 | 35.51 -0.28 0.00 | 43.09 -0.25 0.00 | 53.90 -0.16 0.00 | 57.31 -0.04 0.00 | 49.83 -0.17 0.00 | 40.81 -0.06 0.00 | 38.12 -0.03 0.00 | 32.09 -0.06 0.00 |
| SYRACUSE___POWER 24017 | 31.66 -0.17 0.00 | 35.92 -0.18 0.00 | 37.53 -0.23 0.00 | 40.45 -0.21 0.00 | 40.44 -0.23 0.00 | 31.26 -0.04 0.00 | 44.70 0.20 0.00 | 64.65 0.34 0.00 | 59.83 0.32 0.00 | 44.21 0.21 0.00 | 40.65 0.15 0.00 | 40.94 0.13 0.00 | 38.56 0.00 0.00 | 37.10 -0.24 0.00 | 27.57 -0.25 0.00 | 23.14 -0.21 0.00 | 35.53 -0.26 0.00 | 43.11 -0.23 0.00 | 53.93 -0.12 0.00 | 57.32 -0.03 0.00 | 49.86 -0.15 0.00 | 40.81 -0.06 0.00 | 38.15 -0.01 0.00 | 32.10 -0.06 0.00 |
| TALLMAN__138KV_BK151 55660 | 33.08 1.25 0.00 | 37.47 1.37 0.00 | 39.07 1.31 0.00 | 41.98 1.32 0.00 | 41.91 1.24 0.00 | 32.46 1.17 0.00 | 46.67 2.17 0.00 | 67.61 3.30 0.00 | 62.54 3.02 0.00 | 46.00 2.01 0.00 | 42.68 2.17 0.00 | 43.23 2.43 0.00 | 41.08 2.52 0.00 | 39.47 2.12 0.00 | 30.02 1.64 -0.55 | 25.02 1.27 -0.40 | 37.72 1.93 0.00 | 45.52 2.17 0.00 | 56.75 2.69 0.00 | 60.08 2.73 0.00 | 52.06 2.05 0.00 | 42.46 1.59 0.00 | 39.60 1.45 0.00 | 33.42 1.26 0.00 |
| TEALLAVE_115KV_TB7 355573 | 31.50 -0.33 0.00 | 35.73 -0.36 0.00 | 37.34 -0.42 0.00 | 40.25 -0.42 0.00 | 40.25 -0.42 0.00 | 31.11 -0.19 0.00 | 44.44 -0.06 0.00 | 64.25 -0.06 0.00 | 59.50 -0.01 0.00 | 43.97 -0.02 0.00 | 40.45 -0.06 0.00 | 40.75 -0.05 0.00 | 38.39 -0.17 0.00 | 36.95 -0.39 0.00 | 27.48 -0.35 0.00 | 23.07 -0.28 0.00 | 35.38 -0.41 0.00 | 42.88 -0.47 0.00 | 53.58 -0.47 0.00 | 56.93 -0.42 0.00 | 49.53 -0.47 0.00 | 40.56 -0.32 0.00 | 37.93 -0.22 0.00 | 31.92 -0.23 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 32.03 0.20 0.00 | 36.53 0.43 0.00 | 38.17 0.41 0.00 | 41.31 0.65 0.00 | 41.33 0.66 0.00 | 32.27 0.97 0.00 | 45.94 1.44 0.00 | 65.75 1.43 0.00 | 61.30 1.79 0.00 | 45.89 1.89 0.00 | 41.73 1.22 0.00 | 42.09 1.28 0.00 | 39.81 1.25 0.00 | 38.15 0.81 0.00 | 28.26 0.44 0.00 | 23.69 0.34 0.00 | 35.71 -0.08 0.00 | 42.25 -1.10 0.00 | 52.83 -1.23 0.00 | 56.34 -1.02 0.00 | 49.30 -0.70 0.00 | 40.86 -0.01 0.00 | 38.71 0.56 0.00 | 32.84 0.68 0.00 |
| TEMPLE___115KV_TB 2 55572 | 31.50 -0.33 0.00 | 35.74 -0.36 0.00 | 37.34 -0.42 0.00 | 40.25 -0.41 0.00 | 40.26 -0.41 0.00 | 31.12 -0.18 0.00 | 44.46 -0.04 0.00 | 64.28 -0.04 0.00 | 59.52 0.00 0.00 | 43.98 -0.01 0.00 | 40.47 -0.04 0.00 | 40.77 -0.03 0.00 | 38.41 -0.15 0.00 | 36.99 -0.36 0.00 | 27.49 -0.34 0.00 | 23.07 -0.27 0.00 | 35.40 -0.39 0.00 | 42.90 -0.44 0.00 | 53.61 -0.45 0.00 | 56.95 -0.41 0.00 | 49.56 -0.45 0.00 | 40.57 -0.30 0.00 | 37.94 -0.21 0.00 | 31.94 -0.22 0.00 |
| TIANA____69_KV_BK 1 55817 | 33.93 1.47 -0.63 | 41.35 1.74 -3.52 | 39.55 1.79 0.00 | 42.55 1.89 0.00 | 42.30 1.63 0.00 | 32.47 1.17 0.00 | 46.16 1.66 0.00 | 65.22 1.92 1.01 | 58.27 2.07 3.31 | 45.60 1.63 0.02 | 43.85 2.35 -1.00 | 44.41 2.58 -1.03 | 49.17 2.86 -7.75 | 45.00 2.13 -5.53 | 33.26 1.79 -3.64 | 36.74 1.59 -11.80 | 37.72 2.03 0.10 | 42.91 1.63 2.07 | 52.42 0.87 2.51 | 55.41 0.81 2.75 | 48.50 0.71 2.21 | 40.42 0.96 1.42 | 39.17 1.01 0.00 | 33.20 1.05 0.00 |

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|-----------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TILDEN___115KV_TB1 80814 | 31.66 -0.17 0.00 | 35.92 -0.18 0.00 | 37.53 -0.23 0.00 | 40.45 -0.21 0.00 | 40.44 -0.23 0.00 | 31.26 -0.04 0.00 | 44.70 0.20 0.00 | 64.65 0.34 0.00 | 59.83 0.32 0.00 | 44.21 0.21 0.00 | 40.65 0.15 0.00 | 40.94 0.13 0.00 | 38.56 0.00 0.00 | 37.10 -0.24 0.00 | 27.57 -0.25 0.00 | 23.14 -0.21 0.00 | 35.53 -0.26 0.00 | 43.11 -0.23 0.00 | 53.93 -0.12 0.00 | 57.32 -0.03 0.00 | 49.86 -0.15 0.00 | 40.81 -0.06 0.00 | 38.15 -0.01 0.00 | 32.10 -0.06 0.00 |
| TRIGEN___CC 323695 | 34.56 1.60 -1.13 | 44.23 1.82 -6.31 | 39.51 1.75 0.00 | 42.40 1.74 0.00 | 42.12 1.46 0.00 | 32.46 1.16 0.00 | 46.35 1.85 0.00 | 66.94 2.62 0.00 | 62.27 2.76 0.00 | 45.99 1.99 0.00 | 44.74 2.45 -1.79 | 45.38 2.73 -1.85 | 55.23 2.77 -13.90 | 49.56 2.30 -9.92 | 37.32 1.94 -7.55 | 46.75 1.49 -21.91 | 37.84 2.05 0.00 | 45.52 2.17 0.00 | 56.18 2.13 0.00 | 59.61 2.26 0.00 | 51.93 1.92 0.00 | 42.48 1.61 0.00 | 39.69 1.54 0.00 | 33.64 1.48 0.00 |
| TRINITY___115KV___4 BK 55933 | 31.90 0.07 0.00 | 36.24 0.14 0.00 | 37.93 0.16 0.00 | 40.73 0.07 0.00 | 40.69 0.02 0.00 | 31.33 0.03 0.00 | 44.93 0.43 0.00 | 65.08 0.77 0.00 | 60.28 0.77 0.00 | 44.56 0.56 0.00 | 41.19 0.68 0.00 | 41.50 0.70 0.00 | 39.37 0.81 0.00 | 37.83 0.48 0.00 | 28.29 0.47 0.00 | 23.65 0.30 0.00 | 36.19 0.40 0.00 | 43.81 0.46 0.00 | 54.52 0.46 0.00 | 57.69 0.34 0.00 | 50.32 0.32 0.00 | 41.12 0.25 0.00 | 38.29 0.13 0.00 | 32.32 0.16 0.00 |
| UNION___PROCESSING_DRP 323587 | 31.94 0.11 0.00 | 36.30 0.21 0.00 | 37.94 0.18 0.00 | 40.94 0.28 0.00 | 40.98 0.31 0.00 | 31.86 0.56 0.00 | 45.50 1.01 0.00 | 65.59 1.28 0.00 | 60.97 1.46 0.00 | 45.35 1.36 0.00 | 41.46 0.95 0.00 | 41.79 0.99 0.00 | 39.35 0.79 0.00 | 37.93 0.58 0.00 | 28.19 0.36 0.00 | 23.63 0.28 0.00 | 35.92 0.13 0.00 | 43.13 -0.22 0.00 | 53.85 -0.20 0.00 | 57.33 -0.02 0.00 | 50.01 0.00 0.00 | 41.09 0.21 0.00 | 38.60 0.44 0.00 | 32.56 0.41 0.00 |
| UPPER HUDSON___HYD 24058 | 32.69 0.86 0.00 | 37.03 0.93 0.00 | 38.72 0.96 0.00 | 41.69 1.03 0.00 | 41.65 0.98 0.00 | 32.08 0.79 0.00 | 46.28 1.78 0.00 | 67.15 2.83 0.00 | 62.05 2.53 0.00 | 45.77 1.78 0.00 | 42.12 1.61 0.00 | 42.41 1.61 0.00 | 39.93 1.37 0.00 | 38.18 0.84 0.00 | 28.46 0.64 0.00 | 23.99 0.64 0.00 | 36.92 1.13 0.00 | 45.18 1.84 0.00 | 56.49 2.44 0.00 | 59.80 2.45 0.00 | 52.02 2.02 0.00 | 42.45 1.58 0.00 | 39.42 1.27 0.00 | 32.98 0.83 0.00 |
| UPPER RAQUET___HYD 24056 | 32.52 0.69 0.00 | 36.81 0.71 0.00 | 38.51 0.75 0.00 | 41.55 0.89 0.00 | 41.73 1.06 0.00 | 32.14 0.84 0.00 | 45.14 0.64 0.00 | 65.20 0.89 0.00 | 60.12 0.61 0.00 | 44.65 0.65 0.00 | 40.81 0.30 0.00 | 40.54 -0.26 0.00 | 38.14 -0.43 0.00 | 37.30 -0.05 0.00 | 27.75 -0.08 0.00 | 23.33 -0.02 0.00 | 35.97 0.18 0.00 | 43.70 0.36 0.00 | 54.91 0.85 0.00 | 58.35 0.99 0.00 | 51.14 1.14 0.00 | 41.91 1.04 0.00 | 39.11 0.96 0.00 | 32.89 0.74 0.00 |
| VALLEY44_115KV_TB2 355964 | 32.03 0.20 0.00 | 36.63 0.54 0.00 | 38.26 0.50 0.00 | 41.47 0.81 0.00 | 41.40 0.73 0.00 | 32.28 0.98 0.00 | 46.12 1.63 0.00 | 66.31 2.00 0.00 | 61.68 2.17 0.00 | 45.94 1.95 0.00 | 42.17 1.66 0.00 | 42.92 2.13 0.00 | 40.44 1.88 0.00 | 38.77 1.43 0.00 | 28.73 0.90 0.00 | 23.76 0.41 0.00 | 35.81 0.02 0.00 | 42.91 -0.43 0.00 | 53.73 -0.33 0.00 | 57.32 -0.04 0.00 | 49.79 -0.22 0.00 | 41.03 0.16 0.00 | 38.80 0.65 0.00 | 32.82 0.67 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 33.00 1.17 0.00 | 37.45 1.36 0.00 | 39.11 1.35 0.00 | 42.12 1.46 0.00 | 42.07 1.40 0.00 | 32.49 1.19 0.00 | 46.72 2.22 0.00 | 67.68 3.36 0.00 | 62.07 2.55 0.00 | 45.81 1.81 0.00 | 41.99 1.48 0.00 | 41.98 1.17 0.00 | 39.48 0.92 0.00 | 37.98 0.63 0.00 | 28.28 0.46 0.00 | 23.70 0.36 0.00 | 36.48 0.69 0.00 | 44.82 1.48 0.00 | 56.22 2.16 0.00 | 59.71 2.35 0.00 | 51.99 1.99 0.00 | 42.54 1.67 0.00 | 39.58 1.43 0.00 | 33.28 1.13 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 32.96 1.13 0.00 | 37.39 1.29 0.00 | 39.13 1.37 0.00 | 42.13 1.47 0.00 | 42.07 1.40 0.00 | 32.46 1.16 0.00 | 46.56 2.06 0.00 | 67.29 2.98 0.00 | 62.23 2.72 0.00 | 46.01 2.02 0.00 | 42.24 1.73 0.00 | 42.66 1.86 0.00 | 40.27 1.71 0.00 | 38.76 1.42 0.00 | 28.86 1.03 0.00 | 24.15 0.80 0.00 | 37.20 1.41 0.00 | 45.10 1.76 0.00 | 56.20 2.14 0.00 | 59.62 2.27 0.00 | 51.90 1.90 0.00 | 42.41 1.54 0.00 | 39.59 1.43 0.00 | 33.30 1.15 0.00 |
| VISCHER___FERRY HYD 24020 | 32.40 0.56 0.00 | 36.74 0.65 0.00 | 38.43 0.67 0.00 | 41.32 0.65 0.00 | 41.28 0.61 0.00 | 31.81 0.51 0.00 | 45.67 1.17 0.00 | 66.12 1.81 0.00 | 61.18 1.67 0.00 | 45.21 1.21 0.00 | 41.73 1.23 0.00 | 42.08 1.27 0.00 | 39.82 1.26 0.00 | 38.22 0.87 0.00 | 28.53 0.71 0.00 | 23.91 0.56 0.00 | 36.67 0.88 0.00 | 44.50 1.15 0.00 | 55.45 1.39 0.00 | 58.68 1.33 0.00 | 51.18 1.17 0.00 | 41.80 0.93 0.00 | 38.89 0.74 0.00 | 32.72 0.57 0.00 |
| V_A_10_SYNC_DSASP 323832 | 31.76 -0.08 0.00 | 36.22 0.12 0.00 | 37.87 0.11 0.00 | 40.95 0.29 0.00 | 40.98 0.32 0.00 | 31.95 0.65 0.00 | 45.44 0.94 0.00 | 65.10 0.78 0.00 | 60.73 1.21 0.00 | 45.43 1.44 0.00 | 41.55 1.04 0.00 | 42.00 1.19 0.00 | 39.63 1.07 0.00 | 38.17 0.82 0.00 | 28.30 0.48 0.00 | 23.62 0.27 0.00 | 35.59 -0.20 0.00 | 42.23 -1.12 0.00 | 52.53 -1.53 0.00 | 55.93 -1.43 0.00 | 48.90 -1.10 0.00 | 40.52 -0.36 0.00 | 38.37 0.22 0.00 | 32.50 0.34 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 32.03 0.20 0.00 | 36.29 0.19 0.00 | 38.02 0.26 0.00 | 40.96 0.30 0.00 | 41.03 0.36 0.00 | 31.54 0.24 0.00 | 44.40 -0.09 0.00 | 64.10 -0.21 0.00 | 59.28 -0.23 0.00 | 43.90 -0.10 0.00 | 40.33 -0.17 0.00 | 40.48 -0.32 0.00 | 38.25 -0.31 0.00 | 37.48 0.14 0.00 | 27.90 0.07 0.00 | 23.46 0.10 0.00 | 35.98 0.19 0.00 | 43.51 0.16 0.00 | 54.31 0.25 0.00 | 57.59 0.24 0.00 | 50.28 0.28 0.00 | 41.08 0.21 0.00 | 38.35 0.20 0.00 | 32.36 0.20 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 31.36 -0.47 0.00 | 35.79 -0.30 0.00 | 37.82 0.06 0.00 | 40.95 0.29 0.00 | 41.41 0.74 0.00 | 31.70 0.40 0.00 | 44.76 0.26 0.00 | 64.19 -0.13 0.00 | 59.40 -0.11 0.00 | 44.04 0.05 0.00 | 40.64 0.13 0.00 | 40.74 -0.06 0.00 | 38.03 -0.53 0.00 | 37.12 -0.22 0.00 | 27.46 -0.37 0.00 | 23.05 -0.29 0.00 | 35.56 -0.23 0.00 | 43.00 -0.35 0.00 | 54.08 0.03 0.00 | 57.01 -0.34 0.00 | 49.71 -0.29 0.00 | 40.84 -0.03 0.00 | 38.14 -0.01 0.00 | 32.26 0.10 0.00 |
| V_D_10_SYNC_DSASP 323841 | 32.21 0.38 0.00 | 36.50 0.40 0.00 | 38.24 0.48 0.00 | 41.19 0.53 0.00 | 41.27 0.60 0.00 | 31.74 0.44 0.00 | 44.69 0.19 0.00 | 64.49 0.17 0.00 | 59.61 0.10 0.00 | 44.16 0.16 0.00 | 40.54 0.03 0.00 | 40.64 -0.16 0.00 | 38.38 -0.19 0.00 | 37.61 0.27 0.00 | 28.00 0.18 0.00 | 23.53 0.18 0.00 | 36.12 0.33 0.00 | 43.69 0.35 0.00 | 54.62 0.56 0.00 | 57.94 0.59 0.00 | 50.60 0.60 0.00 | 41.34 0.47 0.00 | 38.60 0.44 0.00 | 32.55 0.40 0.00 |
| V_E_10_SYNC_DSASP 323830 | 33.71 1.88 0.00 | 38.13 2.04 0.00 | 39.95 2.19 0.00 | 43.14 2.48 0.00 | 43.09 2.42 0.00 | 33.56 2.25 0.00 | 48.20 3.70 0.00 | 69.67 5.36 0.00 | 64.35 4.84 0.00 | 47.22 3.23 0.00 | 42.73 2.08 -0.13 | 42.94 2.14 0.00 | 39.94 1.38 0.00 | 38.31 0.96 0.00 | 28.16 0.33 0.00 | 23.52 0.17 0.00 | 36.43 0.64 0.00 | 45.02 1.68 0.00 | 57.32 3.26 0.00 | 60.88 3.52 0.00 | 52.72 2.72 0.00 | 43.13 2.26 0.00 | 40.29 2.14 0.00 | 33.73 1.58 0.00 |

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| V_F_30_NSYNC___DSASP 323816 | 32.83 1.00 0.00 | 37.23 1.14 0.00 | 38.93 1.17 0.00 | 41.87 1.21 0.00 | 41.86 1.19 0.00 | 32.27 0.97 0.00 | 46.40 1.90 0.00 | 67.18 2.87 0.00 | 62.10 2.59 0.00 | 45.89 1.89 0.00 | 42.29 1.78 0.00 | 42.59 1.80 0.00 | 40.17 1.61 0.00 | 38.47 1.13 0.00 | 28.70 0.87 0.00 | 24.12 0.77 0.00 | 37.07 1.28 0.00 | 45.18 1.84 0.00 | 56.39 2.33 0.00 | 59.71 2.36 0.00 | 52.01 2.01 0.00 | 42.47 1.60 0.00 | 39.50 1.34 0.00 | 33.18 1.02 0.00 |
| V_F_30_SYNC_DSASP 323786 | 32.00 0.17 0.00 | 36.36 0.26 0.00 | 38.06 0.30 0.00 | 40.86 0.19 0.00 | 40.82 0.15 0.00 | 31.45 0.15 0.00 | 45.11 0.61 0.00 | 65.35 1.04 0.00 | 60.55 1.04 0.00 | 44.76 0.77 0.00 | 41.39 0.88 0.00 | 41.70 0.90 0.00 | 39.55 0.99 0.00 | 37.97 0.63 0.00 | 28.43 0.60 0.00 | 23.75 0.41 0.00 | 36.36 0.58 0.00 | 44.04 0.70 0.00 | 54.79 0.73 0.00 | 57.97 0.62 0.00 | 50.55 0.55 0.00 | 41.29 0.42 0.00 | 38.43 0.28 0.00 | 32.45 0.29 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 31.36 -0.47 0.00 | 35.79 -0.30 0.00 | 37.82 0.06 0.00 | 40.95 0.29 0.00 | 41.41 0.74 0.00 | 31.70 0.40 0.00 | 44.76 0.26 0.00 | 64.19 -0.13 0.00 | 59.40 -0.11 0.00 | 44.04 0.05 0.00 | 40.64 0.13 0.00 | 40.74 -0.06 0.00 | 38.03 -0.53 0.00 | 37.12 -0.22 0.00 | 27.46 -0.37 0.00 | 23.05 -0.29 0.00 | 35.56 -0.23 0.00 | 43.00 -0.35 0.00 | 54.08 0.03 0.00 | 57.01 -0.34 0.00 | 49.71 -0.29 0.00 | 40.84 -0.03 0.00 | 38.14 -0.01 0.00 | 32.26 0.10 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 34.45 1.90 -0.72 | 42.31 2.19 -4.03 | 39.90 2.13 0.00 | 42.81 2.15 0.00 | 42.43 1.76 0.00 | 32.58 1.28 0.00 | 46.43 1.93 0.00 | 66.04 2.48 0.76 | 60.15 2.78 2.15 | 46.10 2.12 0.01 | 44.39 2.74 -1.14 | 45.10 3.12 -1.18 | 50.64 3.21 -8.87 | 46.23 2.55 -6.33 | 34.27 2.09 -4.36 | 38.64 1.63 -13.66 | 37.85 2.13 0.06 | 44.39 2.30 1.24 | 54.54 1.99 1.51 | 57.81 2.11 1.65 | 50.62 1.95 1.33 | 41.82 1.80 0.85 | 39.89 1.74 0.00 | 33.84 1.68 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 33.24 1.40 0.00 | 37.65 1.55 0.00 | 39.25 1.49 0.00 | 42.17 1.51 0.00 | 42.10 1.43 0.00 | 32.74 1.44 0.00 | 47.09 2.59 0.00 | 68.26 3.95 0.00 | 63.16 3.64 0.00 | 46.47 2.48 0.00 | 43.11 2.60 0.00 | 43.65 2.85 0.00 | 41.48 2.92 0.00 | 39.84 2.49 0.00 | 30.32 1.93 -0.55 | 25.27 1.52 -0.40 | 38.11 2.32 0.00 | 45.90 2.55 0.00 | 57.02 2.96 0.00 | 60.38 3.03 0.00 | 52.33 2.33 0.00 | 42.69 1.82 0.00 | 39.80 1.65 0.00 | 33.58 1.42 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 33.37 1.54 0.00 | 37.81 1.71 0.00 | 39.37 1.60 0.00 | 42.23 1.57 0.00 | 42.13 1.46 0.00 | 32.64 1.34 0.00 | 46.75 2.25 0.00 | 67.77 3.46 0.00 | 62.77 3.26 0.00 | 46.34 2.35 0.00 | 43.06 2.55 0.00 | 43.65 2.85 0.00 | 41.53 2.97 0.00 | 40.00 2.62 -0.03 | 43.85 2.06 -13.96 | 35.06 1.62 -10.09 | 38.16 2.34 -0.03 | 45.88 2.53 0.00 | 56.92 2.86 0.00 | 60.23 2.88 0.00 | 52.28 2.28 0.00 | 42.67 1.80 0.00 | 39.82 1.67 0.00 | 33.67 1.51 0.00 |
| W50THST__13_KV_LOAD 356117 | 33.50 1.66 0.00 | 37.94 1.84 0.00 | 39.50 1.74 0.00 | 42.37 1.71 0.00 | 42.26 1.59 0.00 | 32.76 1.46 0.00 | 46.96 2.46 0.00 | 68.08 3.77 0.00 | 63.08 3.56 0.00 | 46.58 2.59 0.00 | 43.28 2.77 0.00 | 43.89 3.09 0.00 | 41.76 3.20 0.00 | 40.20 2.83 -0.03 | 44.01 2.22 -13.96 | 35.19 1.75 -10.09 | 38.38 2.56 -0.03 | 46.12 2.78 0.00 | 57.19 3.13 0.00 | 60.48 3.13 0.00 | 52.49 2.48 0.00 | 42.84 1.97 0.00 | 39.97 1.82 0.00 | 33.78 1.63 0.00 |
| WADING RIVER_IC_1 23522 | 33.75 1.29 -0.63 | 41.11 1.50 -3.52 | 39.21 1.44 0.00 | 42.11 1.45 0.00 | 41.77 1.10 0.00 | 32.00 0.70 0.00 | 45.44 0.94 0.00 | 64.24 0.93 1.00 | 57.43 1.19 3.27 | 45.01 1.04 0.02 | 43.33 1.83 -0.99 | 43.96 2.13 -1.03 | 48.69 2.38 -7.74 | 44.58 1.71 -5.53 | 32.93 1.46 -3.64 | 36.37 1.22 -11.80 | 37.26 1.57 0.10 | 42.47 1.17 2.04 | 52.01 0.44 2.48 | 55.04 0.41 2.72 | 48.21 0.39 2.18 | 40.22 0.74 1.40 | 39.00 0.85 0.00 | 33.09 0.93 0.00 |
| WADING RIVER_IC_2 23547 | 33.75 1.29 -0.63 | 41.11 1.50 -3.52 | 39.21 1.44 0.00 | 42.11 1.45 0.00 | 41.77 1.10 0.00 | 32.00 0.70 0.00 | 45.44 0.94 0.00 | 64.24 0.93 1.00 | 57.43 1.19 3.27 | 45.01 1.04 0.02 | 43.33 1.83 -0.99 | 43.96 2.13 -1.03 | 48.69 2.38 -7.74 | 44.58 1.71 -5.53 | 32.93 1.46 -3.64 | 36.37 1.22 -11.80 | 37.26 1.57 0.10 | 42.47 1.17 2.04 | 52.01 0.44 2.48 | 55.04 0.41 2.72 | 48.21 0.39 2.18 | 40.22 0.74 1.40 | 39.00 0.85 0.00 | 33.09 0.93 0.00 |
| WADING RIVER_IC_3 23601 | 33.75 1.29 -0.63 | 41.11 1.50 -3.52 | 39.21 1.44 0.00 | 42.11 1.45 0.00 | 41.77 1.10 0.00 | 32.00 0.70 0.00 | 45.44 0.94 0.00 | 64.24 0.93 1.00 | 57.43 1.19 3.27 | 45.01 1.04 0.02 | 43.33 1.83 -0.99 | 43.96 2.13 -1.03 | 48.69 2.38 -7.74 | 44.58 1.71 -5.53 | 32.93 1.46 -3.64 | 36.37 1.22 -11.80 | 37.26 1.57 0.10 | 42.47 1.17 2.04 | 52.01 0.44 2.48 | 55.04 0.41 2.72 | 48.21 0.39 2.18 | 40.22 0.74 1.40 | 39.00 0.85 0.00 | 33.09 0.93 0.00 |
| WALDENNY_12_KV_BK2 80841 | 31.95 0.11 0.00 | 36.49 0.39 0.00 | 38.12 0.35 0.00 | 41.28 0.62 0.00 | 41.27 0.60 0.00 | 32.27 0.98 0.00 | 45.99 1.50 0.00 | 65.88 1.57 0.00 | 61.45 1.93 0.00 | 46.01 2.02 0.00 | 41.99 1.48 0.00 | 42.48 1.68 0.00 | 40.05 1.49 0.00 | 38.50 1.15 0.00 | 28.51 0.68 0.00 | 23.78 0.43 0.00 | 35.89 0.10 0.00 | 42.54 -0.81 0.00 | 53.02 -1.04 0.00 | 56.57 -0.78 0.00 | 49.42 -0.58 0.00 | 40.95 0.07 0.00 | 38.76 0.61 0.00 | 32.77 0.62 0.00 |
| WALDEN__HYDRO 24148 | 33.18 1.35 0.00 | 37.59 1.49 0.00 | 39.20 1.44 0.00 | 42.12 1.46 0.00 | 42.05 1.38 0.00 | 32.54 1.24 0.00 | 46.75 2.25 0.00 | 67.78 3.46 0.00 | 62.66 3.15 0.00 | 46.13 2.14 0.00 | 42.75 2.25 0.00 | 43.22 2.42 0.00 | 41.04 2.48 0.00 | 39.41 2.06 0.00 | 29.44 1.62 0.00 | 24.58 1.23 0.00 | 37.68 1.89 0.00 | 45.58 2.23 0.00 | 56.86 2.80 0.00 | 60.29 2.93 0.00 | 52.30 2.30 0.00 | 42.65 1.78 0.00 | 39.76 1.61 0.00 | 33.52 1.37 0.00 |
| WARRENSBURG____ 23737 | 32.69 0.86 0.00 | 37.03 0.93 0.00 | 38.73 0.96 0.00 | 41.69 1.03 0.00 | 41.65 0.98 0.00 | 32.08 0.79 0.00 | 46.28 1.78 0.00 | 67.15 2.83 0.00 | 62.05 2.54 0.00 | 45.77 1.78 0.00 | 42.12 1.61 0.00 | 42.41 1.61 0.00 | 39.93 1.37 0.00 | 38.18 0.84 0.00 | 28.46 0.64 0.00 | 23.99 0.64 0.00 | 36.92 1.13 0.00 | 45.19 1.84 0.00 | 56.49 2.44 0.00 | 59.80 2.45 0.00 | 52.02 2.02 0.00 | 42.45 1.58 0.00 | 39.42 1.27 0.00 | 32.98 0.83 0.00 |
| WATERSIDE____6 8 9 23538 | 33.41 1.58 0.00 | 37.86 1.76 0.00 | 39.40 1.64 0.00 | 42.22 1.56 0.00 | 42.12 1.45 0.00 | 32.67 1.37 0.00 | 46.65 2.15 0.00 | 67.58 3.27 0.00 | 62.55 3.03 0.00 | 46.20 2.20 0.00 | 42.97 2.46 0.00 | 43.55 2.74 0.00 | 41.48 2.92 0.00 | 39.97 2.57 -0.05 | 52.23 1.96 -22.45 | 41.08 1.51 -16.23 | 38.13 2.29 -0.05 | 45.75 2.40 0.00 | 56.67 2.61 0.00 | 59.98 2.63 0.00 | 52.05 2.05 0.00 | 42.49 1.62 0.00 | 39.70 1.54 0.00 | 33.65 1.50 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 32.64 0.81 0.00 | 37.04 0.94 0.00 | 38.69 0.92 0.00 | 41.66 1.00 0.00 | 41.62 0.95 0.00 | 32.12 0.82 0.00 | 46.05 1.55 0.00 | 66.70 2.38 0.00 | 61.34 1.83 0.00 | 45.29 1.30 0.00 | 41.56 1.05 0.00 | 41.66 0.86 0.00 | 39.25 0.69 0.00 | 37.80 0.46 0.00 | 28.16 0.33 0.00 | 23.60 0.25 0.00 | 36.27 0.48 0.00 | 44.39 1.05 0.00 | 55.61 1.55 0.00 | 59.03 1.68 0.00 | 51.42 1.42 0.00 | 42.06 1.18 0.00 | 39.16 1.00 0.00 | 32.95 0.79 0.00 |

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| WDELAWARE___HYD 323627 | 32.69 0.86 0.00 | 37.02 0.92 0.00 | 38.63 0.87 0.00 | 41.52 0.86 0.00 | 41.47 0.80 0.00 | 32.04 0.74 0.00 | 46.07 1.57 0.00 | 66.84 2.52 0.00 | 61.56 2.05 0.00 | 45.40 1.41 0.00 | 41.99 1.48 0.00 | 42.35 1.55 0.00 | 40.01 1.45 0.00 | 37.47 0.13 0.00 | 28.00 0.18 0.00 | 23.38 0.03 0.00 | 35.94 0.15 0.00 | 43.64 0.29 0.00 | 54.76 0.70 0.00 | 59.48 2.13 0.00 | 51.67 1.67 0.00 | 42.13 1.25 0.00 | 39.24 1.09 0.00 | 33.04 0.89 0.00 |
| WEST BABYLON___IC 23714 | 34.45 1.90 -0.72 | 42.31 2.19 -4.03 | 39.90 2.13 0.00 | 42.81 2.15 0.00 | 42.43 1.76 0.00 | 32.58 1.28 0.00 | 46.43 1.93 0.00 | 66.04 2.48 0.76 | 60.15 2.78 2.15 | 46.10 2.12 0.01 | 44.39 2.74 -1.14 | 45.10 3.12 -1.18 | 50.64 3.21 -8.87 | 46.23 2.55 -6.33 | 34.27 2.09 -4.36 | 38.64 1.63 -13.66 | 37.85 2.13 0.06 | 44.39 2.30 1.24 | 54.54 1.99 1.51 | 57.81 2.11 1.65 | 50.62 1.95 1.33 | 41.82 1.80 0.85 | 39.89 1.74 0.00 | 33.84 1.68 0.00 |
| WEST CANADA___HYD 24049 | 31.92 0.09 0.00 | 36.20 0.11 0.00 | 37.87 0.10 0.00 | 40.75 0.09 0.00 | 40.75 0.08 0.00 | 31.39 0.09 0.00 | 44.77 0.27 0.00 | 64.74 0.43 0.00 | 59.87 0.36 0.00 | 44.26 0.26 0.00 | 40.75 0.24 0.00 | 41.06 0.26 0.00 | 38.79 0.23 0.00 | 37.44 0.10 0.00 | 27.91 0.08 0.00 | 23.41 0.06 0.00 | 35.90 0.11 0.00 | 43.54 0.20 0.00 | 54.30 0.24 0.00 | 57.58 0.23 0.00 | 50.20 0.20 0.00 | 41.03 0.16 0.00 | 38.27 0.11 0.00 | 32.25 0.09 0.00 |
| WESTERN_NY_WIND 24143 | 32.51 0.68 0.00 | 37.02 0.93 0.00 | 38.69 0.93 0.00 | 41.84 1.18 0.00 | 41.89 1.22 0.00 | 32.72 1.42 0.00 | 46.70 2.20 0.00 | 67.05 2.74 0.00 | 62.47 2.95 0.00 | 46.63 2.63 0.00 | 42.23 1.72 0.00 | 42.42 1.62 0.00 | 40.14 1.58 0.00 | 38.38 1.04 0.00 | 28.42 0.59 0.00 | 23.91 0.56 0.00 | 36.31 0.52 0.00 | 43.03 -0.32 0.00 | 54.08 0.03 0.00 | 57.72 0.37 0.00 | 50.43 0.43 0.00 | 41.68 0.81 0.00 | 39.36 1.21 0.00 | 33.31 1.16 0.00 |
| WESTOVER___LESR 323668 | 32.01 0.17 0.00 | 36.42 0.32 0.00 | 38.02 0.26 0.00 | 41.08 0.42 0.00 | 41.02 0.35 0.00 | 31.76 0.46 0.00 | 45.57 1.08 0.00 | 65.79 1.48 0.00 | 60.87 1.35 0.00 | 44.98 0.99 0.00 | 41.30 0.79 0.00 | 41.82 1.02 0.00 | 39.42 0.86 0.00 | 37.85 0.50 0.00 | 28.11 0.28 0.00 | 23.47 0.12 0.00 | 35.92 0.13 0.00 | 43.51 0.17 0.00 | 54.46 0.40 0.00 | 58.05 0.70 0.00 | 50.40 0.40 0.00 | 41.25 0.39 0.00 | 38.62 0.47 0.00 | 32.53 0.38 0.00 |
| WETHRSFD_WT_PWR 323626 | 31.38 -0.46 0.00 | 35.97 -0.12 0.00 | 37.60 -0.16 0.00 | 40.88 0.22 0.00 | 40.79 0.12 0.00 | 31.88 0.58 0.00 | 45.62 1.12 0.00 | 65.44 1.13 0.00 | 60.83 1.32 0.00 | 45.26 1.27 0.00 | 41.15 0.64 0.00 | 41.69 0.89 0.00 | 39.26 0.69 0.00 | 37.61 0.27 0.00 | 27.75 -0.07 0.00 | 23.13 -0.21 0.00 | 35.29 -0.49 0.00 | 42.22 -1.13 0.00 | 52.81 -1.25 0.00 | 56.40 -0.95 0.00 | 49.16 -0.84 0.00 | 40.59 -0.28 0.00 | 38.28 0.12 0.00 | 32.21 0.06 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 33.05 1.21 0.00 | 37.44 1.35 0.00 | 39.04 1.28 0.00 | 41.94 1.28 0.00 | 41.86 1.19 0.00 | 32.40 1.10 0.00 | 46.53 2.03 0.00 | 67.41 3.10 0.00 | 62.36 2.85 0.00 | 45.90 1.90 0.00 | 42.59 2.08 0.00 | 43.14 2.34 0.00 | 40.99 2.43 0.00 | 39.39 2.05 0.00 | 29.98 1.59 -0.56 | 24.98 1.23 -0.40 | 37.63 1.84 0.00 | 45.41 2.07 0.00 | 56.59 2.54 0.00 | 59.93 2.58 0.00 | 51.96 1.95 0.00 | 42.39 1.52 0.00 | 39.55 1.40 0.00 | 33.37 1.22 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 33.05 1.21 0.00 | 37.44 1.35 0.00 | 39.04 1.28 0.00 | 41.94 1.28 0.00 | 41.86 1.19 0.00 | 32.40 1.10 0.00 | 46.53 2.03 0.00 | 67.41 3.10 0.00 | 62.36 2.85 0.00 | 45.90 1.90 0.00 | 42.59 2.08 0.00 | 43.14 2.34 0.00 | 40.99 2.43 0.00 | 39.39 2.05 0.00 | 29.98 1.59 -0.56 | 24.98 1.23 -0.40 | 37.63 1.84 0.00 | 45.41 2.07 0.00 | 56.59 2.54 0.00 | 59.93 2.58 0.00 | 51.96 1.95 0.00 | 42.39 1.52 0.00 | 39.55 1.40 0.00 | 33.37 1.22 0.00 |
| WHITEHAL_115KV_TB1 80871 | 33.52 1.68 0.00 | 37.93 1.84 0.00 | 39.63 1.87 0.00 | 42.66 2.00 0.00 | 42.71 2.04 0.00 | 32.84 1.54 0.00 | 47.76 3.26 0.00 | 69.73 5.41 0.00 | 64.42 4.90 0.00 | 47.22 3.22 0.00 | 43.11 2.61 0.00 | 43.48 2.68 0.00 | 40.95 2.39 0.00 | 39.17 1.83 0.00 | 29.24 1.41 0.00 | 24.75 1.40 0.00 | 38.13 2.35 0.00 | 46.83 3.49 0.00 | 58.51 4.45 0.00 | 61.85 4.50 0.00 | 53.77 3.77 0.00 | 43.85 2.98 0.00 | 40.55 2.40 0.00 | 33.64 1.48 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 33.45 1.62 0.00 | 37.89 1.80 0.00 | 39.48 1.72 0.00 | 42.39 1.73 0.00 | 42.29 1.62 0.00 | 32.72 1.42 0.00 | 46.97 2.47 0.00 | 68.09 3.78 0.00 | 63.06 3.54 0.00 | 46.51 2.52 0.00 | 43.18 2.67 0.00 | 43.75 2.95 0.00 | 41.59 3.03 0.00 | 39.96 2.61 0.00 | 30.64 2.05 -0.77 | 25.54 1.63 -0.55 | 38.18 2.39 0.00 | 46.03 2.68 0.00 | 57.22 3.17 0.00 | 60.58 3.23 0.00 | 52.57 2.57 0.00 | 42.91 2.04 0.00 | 40.02 1.86 0.00 | 33.77 1.62 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 34.05 1.59 -0.63 | 41.45 1.83 -3.53 | 39.54 1.78 0.00 | 42.47 1.81 0.00 | 42.10 1.43 0.00 | 32.27 0.97 0.00 | 45.83 1.34 0.00 | 64.74 1.50 1.07 | 57.71 1.71 3.51 | 45.37 1.40 0.02 | 43.71 2.20 -1.00 | 44.33 2.50 -1.03 | 49.06 2.73 -7.77 | 44.91 2.02 -5.54 | 33.16 1.68 -3.66 | 36.59 1.41 -11.84 | 37.48 1.80 0.11 | 42.71 1.56 2.20 | 52.34 0.95 2.67 | 55.41 0.98 2.92 | 48.53 0.88 2.35 | 40.52 1.15 1.50 | 39.39 1.23 0.00 | 33.41 1.25 0.00 |
| WOODARD___115KV_TB2 355635 | 31.45 -0.39 0.00 | 35.67 -0.42 0.00 | 37.28 -0.49 0.00 | 40.18 -0.48 0.00 | 40.18 -0.49 0.00 | 31.04 -0.26 0.00 | 44.34 -0.16 0.00 | 64.12 -0.20 0.00 | 59.37 -0.15 0.00 | 43.87 -0.12 0.00 | 40.35 -0.16 0.00 | 40.66 -0.15 0.00 | 38.31 -0.25 0.00 | 36.89 -0.46 0.00 | 27.43 -0.39 0.00 | 23.03 -0.32 0.00 | 35.32 -0.46 0.00 | 42.83 -0.52 0.00 | 53.51 -0.55 0.00 | 56.85 -0.50 0.00 | 49.47 -0.53 0.00 | 40.50 -0.37 0.00 | 37.87 -0.29 0.00 | 31.87 -0.28 0.00 |
| WOODMERE_69_KV_BK1 55827 | 34.82 1.94 -1.04 | 44.12 2.17 -5.85 | 39.91 2.14 0.00 | 42.83 2.17 0.00 | 42.54 1.87 0.00 | 32.78 1.48 0.00 | 46.81 2.31 0.00 | 67.63 3.32 0.00 | 62.85 3.34 0.00 | 46.45 2.45 0.00 | 45.00 2.83 -1.66 | 45.63 3.12 -1.71 | 54.58 3.13 -12.89 | 49.19 2.64 -9.20 | 36.95 2.21 -6.91 | 45.33 1.72 -20.25 | 38.25 2.46 0.00 | 46.00 2.65 0.00 | 56.70 2.64 0.00 | 60.23 2.88 0.00 | 52.51 2.51 0.00 | 42.96 2.09 0.00 | 40.11 1.95 0.00 | 33.97 1.81 0.00 |
| YORK___WARBASSE 23770 | 33.44 1.61 0.00 | 37.85 1.75 0.00 | 39.36 1.60 0.00 | 42.20 1.54 0.00 | 42.18 1.51 0.00 | 32.76 1.46 0.00 | 46.75 2.25 0.00 | 67.76 3.45 0.00 | 62.74 3.23 0.00 | 46.36 2.37 0.00 | 43.07 2.56 0.00 | 43.65 2.85 0.00 | 41.59 3.03 0.00 | 40.04 2.64 -0.05 | 52.23 1.96 -22.45 | 41.06 1.49 -16.23 | 38.21 2.37 -0.05 | 45.84 2.50 0.00 | 56.83 2.77 0.00 | 60.19 2.83 0.00 | 52.25 2.25 0.00 | 42.65 1.78 0.00 | 39.89 1.73 0.00 | 33.79 1.64 0.00 |