

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/28/2024

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 27.33 | 26.49 | 28.62 | 25.99 | 25.16 | 27.45 | 29.98 | 30.47 | 31.54 | 30.39 | 39.80 | 44.70 | 44.97 | 42.06 | 43.31 | 48.06 | 63.81 | 72.54 | 77.74 | 51.47 | 49.19 | 43.57 | 32.29 | 39.73 |
| 24138 | 1.66 | 1.50 | 1.35 | 1.13 | 1.10 | 1.40 | 1.57 | 1.67 | 1.82 | 2.04 | 2.56 | 2.98 | 2.87 | 3.27 | 3.86 | 4.49 | 6.17 | 6.80 | 6.88 | 4.27 | 3.78 | 2.70 | 2.03 | 2.61 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.84 | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 27.46 | 26.59 | 28.74 | 26.11 | 25.27 | 27.57 | 30.09 | 30.57 | 31.61 | 30.45 | 39.86 | 44.80 | 45.11 | 42.19 | 43.42 | 48.20 | 63.99 | 72.76 | 78.01 | 51.66 | 49.39 | 43.77 | 32.44 | 39.92 |
| 24260 | 1.79 | 1.61 | 1.47 | 1.25 | 1.22 | 1.52 | 1.69 | 1.77 | 1.89 | 2.09 | 2.62 | 3.09 | 3.01 | 3.39 | 3.98 | 4.63 | 6.35 | 7.02 | 7.15 | 4.46 | 3.99 | 2.90 | 2.18 | 2.80 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.84 | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 27.46 | 26.59 | 28.74 | 26.11 | 25.27 | 27.57 | 30.09 | 30.57 | 31.61 | 30.45 | 39.86 | 44.80 | 45.11 | 42.19 | 43.42 | 48.20 | 63.99 | 72.76 | 78.01 | 51.66 | 49.39 | 43.77 | 32.44 | 39.92 |
| 24261 | 1.79 | 1.61 | 1.47 | 1.25 | 1.22 | 1.52 | 1.69 | 1.77 | 1.89 | 2.09 | 2.62 | 3.09 | 3.01 | 3.39 | 3.98 | 4.63 | 6.35 | 7.02 | 7.15 | 4.46 | 3.99 | 2.90 | 2.18 | 2.80 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.84 | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 27.66 | 26.86 | 29.24 | 26.64 | 25.84 | 28.23 | 30.76 | 31.06 | 31.92 | 30.32 | 33.43 | 44.20 | 44.76 | 41.50 | 42.42 | 47.20 | 62.16 | 71.30 | 77.73 | 51.82 | 49.93 | 44.34 | 32.80 | 40.21 |
| 24011 | 1.99 | 1.87 | 1.96 | 1.78 | 1.79 | 2.18 | 2.36 | 2.26 | 2.20 | 1.96 | 2.10 | 2.79 | 2.67 | 2.71 | 2.98 | 3.63 | 4.52 | 5.55 | 6.86 | 4.63 | 4.53 | 3.47 | 2.54 | 3.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.06 | 0.15 | 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 | 28.17 | 27.28 | 29.68 | 27.00 | 26.22 | 28.77 | 31.44 | 31.64 | 32.33 | 30.71 | 34.01 | 44.96 | 45.07 | 41.64 | 42.58 | 47.51 | 62.56 | 71.78 | 78.40 | 52.32 | 50.44 | 44.71 | 33.10 | 40.59 |
| 23798 | 2.49 | 2.30 | 2.41 | 2.15 | 2.17 | 2.72 | 3.03 | 2.84 | 2.61 | 2.36 | 2.55 | 3.54 | 2.97 | 2.84 | 3.13 | 3.94 | 4.92 | 6.04 | 7.53 | 5.13 | 5.03 | 3.84 | 2.84 | 3.47 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.94 | 0.15 | 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 | 27.66 | 26.86 | 29.24 | 26.64 | 25.84 | 28.23 | 30.76 | 31.06 | 31.92 | 30.32 | 33.43 | 44.20 | 44.76 | 41.50 | 42.42 | 47.20 | 62.16 | 71.30 | 77.73 | 51.82 | 49.93 | 44.34 | 32.80 | 40.21 |
| 24028 | 1.99 | 1.87 | 1.96 | 1.78 | 1.79 | 2.18 | 2.36 | 2.26 | 2.20 | 1.96 | 2.10 | 2.79 | 2.67 | 2.71 | 2.98 | 3.63 | 4.52 | 5.55 | 6.86 | 4.63 | 4.53 | 3.47 | 2.54 | 3.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.06 | 0.15 | 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 | 26.86 | 26.20 | 28.55 | 26.03 | 25.19 | 27.41 | 29.57 | 29.76 | 30.61 | 29.11 | 28.81 | 42.09 | 42.74 | 39.79 | 40.81 | 44.80 | 59.01 | 67.66 | 73.44 | 49.20 | 47.52 | 42.09 | 31.20 | 38.42 |
| 23527 | 1.19 | 1.22 | 1.28 | 1.17 | 1.14 | 1.36 | 1.16 | 0.95 | 0.89 | 0.76 | 0.55 | 0.82 | 0.64 | 0.99 | 1.36 | 1.24 | 1.37 | 1.92 | 2.58 | 2.01 | 2.11 | 1.23 | 0.93 | 1.30 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.14 | 0.31 | 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 | 25.77 | 25.10 | 27.38 | 24.95 | 24.15 | 26.27 | 28.49 | 28.77 | 29.69 | 28.36 | 31.81 | 41.36 | 41.93 | 38.99 | 39.96 | 44.13 | 58.22 | 66.56 | 71.84 | 47.85 | 46.01 | 40.94 | 30.33 | 37.24 |
| 24190 | 0.10 | 0.12 | 0.11 | 0.09 | 0.09 | 0.21 | 0.09 | -0.03 | -0.04 | 0.01 | -0.10 | -0.08 | -0.16 | 0.19 | 0.51 | 0.56 | 0.59 | 0.81 | 0.98 | 0.65 | 0.60 | 0.07 | 0.06 | 0.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.49 | 0.13 | 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 | 25.35 | 24.78 | 27.18 | 24.79 | 23.94 | 25.80 | 28.16 | 28.65 | 29.59 | 28.11 | 34.09 | 41.37 | 41.92 | 38.20 | 38.26 | 29.22 | 56.08 | 65.55 | 76.03 | 46.08 | 44.31 | 40.71 | 30.16 | 36.97 |
| 355683 | -0.32 | -0.21 | -0.09 | -0.07 | -0.11 | -0.25 | -0.25 | -0.16 | -0.14 | -0.24 | -0.31 | -0.20 | -0.17 | -0.60 | -1.19 | -1.45 | -1.64 | -1.79 | -1.71 | -1.12 | -1.10 | -0.16 | -0.11 | -0.15 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.90 | -0.09 | -1.60 | -6.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | 26.36 | 25.66 | 28.06 | 25.57 | 24.75 | 26.93 | 29.26 | 29.53 | 30.43 | 29.04 | 33.54 | 42.21 | 42.67 | 39.59 | 40.54 | 44.75 | 59.13 | 67.84 | 73.43 | 48.98 | 47.14 | 42.00 | 31.12 | 38.17 |
| 323833 | 0.69 | 0.67 | 0.78 | 0.71 | 0.70 | 0.88 | 0.86 | 0.73 | 0.71 | 0.69 | 0.62 | 0.71 | 0.57 | 0.79 | 1.09 | 1.19 | 1.49 | 2.09 | 2.57 | 1.78 | 1.73 | 1.13 | 0.85 | 1.05 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.48 | 0.08 | 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 | 26.36 | 25.66 | 28.04 | 25.56 | 24.75 | 26.92 | 29.25 | 29.53 | 30.42 | 29.03 | 33.53 | 42.20 | 42.66 | 39.59 | 40.52 | 44.74 | 59.12 | 67.82 | 73.40 | 48.96 | 47.13 | 41.98 | 31.10 | 38.16 |
| 323834 | 0.68 | 0.67 | 0.77 | 0.71 | 0.70 | 0.87 | 0.85 | 0.72 | 0.70 | 0.68 | 0.61 | 0.70 | 0.57 | 0.79 | 1.07 | 1.17 | 1.48 | 2.07 | 2.54 | 1.76 | 1.72 | 1.12 | 0.84 | 1.04 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.48 | 0.08 | 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___I | 25.77 | 25.10 | 27.38 | 24.95 | 24.15 | 26.27 | 28.49 | 28.77 | 29.69 | 28.36 | 31.81 | 41.36 | 41.93 | 38.99 | 39.96 | 44.13 | 58.22 | 66.56 | 71.84 | 47.85 | 46.01 | 40.94 | 30.33 | 37.24 |
| 23571 | 0.10 | 0.12 | 0.11 | 0.09 | 0.09 | 0.21 | 0.09 | -0.03 | -0.04 | 0.01 | -0.10 | -0.08 | -0.16 | 0.19 | 0.51 | 0.56 | 0.59 | 0.81 | 0.98 | 0.65 | 0.60 | 0.07 | 0.06 | 0.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.49 | 0.13 | 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 | 25.77 0.10 0.00 | 25.10 0.12 0.00 | 27.38 0.11 0.00 | 24.95 0.09 0.00 | 24.15 0.09 0.00 | 26.27 0.21 0.00 | 28.49 0.09 0.00 | 28.77 -0.03 0.00 | 29.69 -0.04 0.00 | 28.36 0.01 0.00 | 31.81 -0.10 2.49 | 41.36 -0.08 0.13 | 41.93 -0.16 0.00 | 38.99 0.19 0.00 | 39.96 0.51 0.00 | 44.13 0.56 0.00 | 58.22 0.59 0.00 | 66.56 0.81 0.00 | 71.84 0.98 0.00 | 47.85 0.65 0.00 | 46.01 0.60 0.00 | 40.94 0.07 0.00 | 30.33 0.06 0.00 | 37.24 0.12 0.00 |
| ALBANY___3 23573 | 25.77 0.10 0.00 | 25.10 0.12 0.00 | 27.38 0.11 0.00 | 24.95 0.09 0.00 | 24.15 0.09 0.00 | 26.27 0.21 0.00 | 28.49 0.09 0.00 | 28.77 -0.03 0.00 | 29.69 -0.04 0.00 | 28.36 0.01 0.00 | 31.81 -0.10 2.49 | 41.36 -0.08 0.13 | 41.93 -0.16 0.00 | 38.99 0.19 0.00 | 39.96 0.51 0.00 | 44.13 0.56 0.00 | 58.22 0.59 0.00 | 66.56 0.81 0.00 | 71.84 0.98 0.00 | 47.85 0.65 0.00 | 46.01 0.60 0.00 | 40.94 0.07 0.00 | 30.33 0.06 0.00 | 37.24 0.12 0.00 |
| ALBANY___4 23574 | 25.77 0.10 0.00 | 25.10 0.12 0.00 | 27.38 0.11 0.00 | 24.95 0.09 0.00 | 24.15 0.09 0.00 | 26.27 0.21 0.00 | 28.49 0.09 0.00 | 28.77 -0.03 0.00 | 29.69 -0.04 0.00 | 28.36 0.01 0.00 | 31.81 -0.10 2.49 | 41.36 -0.08 0.13 | 41.93 -0.16 0.00 | 38.99 0.19 0.00 | 39.96 0.51 0.00 | 44.13 0.56 0.00 | 58.22 0.59 0.00 | 66.56 0.81 0.00 | 71.84 0.98 0.00 | 47.85 0.65 0.00 | 46.01 0.60 0.00 | 40.94 0.07 0.00 | 30.33 0.06 0.00 | 37.24 0.12 0.00 |
| ALBANY___LFGE 323615 | 26.10 0.43 0.00 | 25.41 0.42 0.00 | 27.71 0.44 0.00 | 25.25 0.39 0.00 | 24.45 0.39 0.00 | 26.59 0.54 0.00 | 28.86 0.45 0.00 | 29.16 0.36 0.00 | 30.10 0.38 0.00 | 28.74 0.39 0.00 | 32.17 0.39 2.62 | 41.97 0.54 0.13 | 42.58 0.49 0.00 | 39.58 0.78 0.00 | 40.57 1.12 0.00 | 44.80 1.23 0.00 | 59.10 1.47 0.00 | 67.57 1.83 0.00 | 72.88 2.02 0.00 | 48.52 1.33 0.00 | 46.66 1.25 0.00 | 41.49 0.62 0.00 | 30.72 0.46 0.00 | 37.69 0.57 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 26.27 -0.34 -0.94 | 25.71 -0.22 -0.94 | 27.97 -0.08 -0.78 | 25.83 -0.05 -1.02 | 24.97 -0.09 -1.00 | 26.79 -0.21 -0.95 | 28.50 -0.20 -0.30 | 28.72 -0.09 0.00 | 29.64 -0.08 0.00 | 28.14 -0.21 0.00 | 34.13 -0.28 0.00 | 41.41 -0.17 0.00 | 41.93 -0.16 0.00 | 38.18 -0.61 0.00 | 37.96 -1.49 0.00 | 29.31 -1.77 12.48 | 55.71 -2.05 -0.13 | 65.91 -2.27 -2.44 | 79.16 -2.21 -10.50 | 45.80 -1.40 0.00 | 44.08 -1.33 0.00 | 40.80 -0.06 0.00 | 30.22 -0.04 0.00 | 37.05 -0.07 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 26.27 -0.34 -0.94 | 25.71 -0.22 -0.94 | 27.97 -0.08 -0.78 | 25.83 -0.05 -1.02 | 24.97 -0.09 -1.00 | 26.79 -0.21 -0.95 | 28.50 -0.20 -0.30 | 28.72 -0.09 0.00 | 29.64 -0.08 0.00 | 28.14 -0.21 0.00 | 34.13 -0.28 0.00 | 41.41 -0.17 0.00 | 41.93 -0.16 0.00 | 38.18 -0.61 0.00 | 37.96 -1.49 0.00 | 29.31 -1.77 12.48 | 55.71 -2.05 -0.13 | 65.91 -2.27 -2.44 | 79.16 -2.21 -10.50 | 45.80 -1.40 0.00 | 44.08 -1.33 0.00 | 40.80 -0.06 0.00 | 30.22 -0.04 0.00 | 37.05 -0.07 0.00 |
| ALCOA___DSASP 323711 | 26.27 -0.34 -0.94 | 25.71 -0.22 -0.94 | 27.98 -0.08 -0.78 | 25.83 -0.05 -1.02 | 24.97 -0.09 -1.00 | 26.80 -0.21 -0.95 | 28.50 -0.20 -0.30 | 28.72 -0.09 0.00 | 29.64 -0.08 0.00 | 28.14 -0.21 0.00 | 34.12 -0.28 0.00 | 41.41 -0.16 0.00 | 41.93 -0.16 0.00 | 38.18 -0.61 0.00 | 37.94 -1.51 0.00 | 29.30 -1.79 12.48 | 55.71 -2.06 -0.13 | 65.91 -2.28 -2.44 | 79.16 -2.21 -10.50 | 45.80 -1.40 0.00 | 44.08 -1.33 0.00 | 40.81 -0.06 0.00 | 30.22 -0.04 0.00 | 37.05 -0.07 0.00 |
| ALLEGHENY___COGEN 23514 | 27.03 1.35 0.00 | 25.84 0.85 0.00 | 27.88 0.61 0.00 | 25.19 0.33 0.00 | 24.50 0.45 0.00 | 26.82 0.77 0.00 | 29.92 1.51 0.00 | 30.56 1.76 0.00 | 31.29 1.57 0.00 | 28.69 0.34 0.00 | 35.39 0.99 0.00 | 42.16 0.59 0.00 | 42.70 0.61 0.00 | 39.14 0.34 0.00 | 40.11 0.50 -0.16 | 55.75 0.23 -11.94 | 68.02 0.30 -10.09 | 66.67 0.44 -0.49 | 72.58 0.59 -1.13 | 48.26 1.07 0.00 | 46.86 1.45 0.00 | 41.85 0.98 0.00 | 31.52 1.26 0.00 | 38.59 1.47 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 26.18 0.51 0.00 | 25.47 0.49 0.00 | 27.77 0.50 0.00 | 25.30 0.45 0.00 | 24.50 0.45 0.00 | 26.63 0.58 0.00 | 28.94 0.54 0.00 | 29.25 0.45 0.00 | 30.17 0.44 0.00 | 28.81 0.46 1.45 | 33.41 0.46 0.07 | 42.05 0.55 0.00 | 42.59 0.49 0.00 | 39.54 0.75 0.00 | 40.47 1.02 0.00 | 44.73 1.16 0.00 | 59.12 1.48 0.00 | 67.50 1.76 0.00 | 72.85 1.98 0.00 | 48.52 1.33 0.00 | 46.66 1.25 0.00 | 41.60 0.73 0.00 | 30.81 0.54 0.00 | 37.81 0.70 0.00 |
| ALTONA_WT_PWR 323606 | -13.19 -1.01 37.86 | -13.86 -0.94 37.91 | -5.09 -0.85 31.51 | -17.21 -0.72 41.35 | -17.32 -0.79 40.59 | -13.39 -0.86 38.59 | 15.52 -0.89 12.01 | 28.31 -0.49 0.00 | 30.00 0.28 0.00 | 28.76 0.41 0.00 | 34.91 0.51 0.00 | 42.45 0.88 0.00 | 42.25 0.16 0.00 | 38.19 -0.61 0.00 | 37.83 -1.62 0.00 | 28.66 -2.05 12.86 | 54.94 -2.66 0.04 | 62.50 -2.57 0.68 | 65.78 -2.17 2.91 | 45.97 -1.23 0.00 | 44.71 -0.70 0.00 | 41.62 0.75 0.00 | 31.09 0.83 0.00 | 37.86 0.74 0.00 |
| AMERICAN_REF_FUEL 24010 | 25.19 -0.48 0.00 | 23.94 -1.05 0.00 | 25.87 -1.40 0.00 | 23.32 -1.54 0.00 | 22.70 -1.35 0.00 | 24.82 -1.23 0.00 | 27.75 -0.65 0.00 | 28.35 -0.46 0.00 | 29.24 -0.48 0.00 | 27.43 -0.92 0.00 | 33.93 -0.47 0.00 | 40.29 -1.28 0.00 | 41.52 -0.57 0.00 | 37.65 -1.15 0.00 | 38.74 -1.34 -0.63 | 78.79 -1.80 -37.03 | 67.47 -2.64 -12.47 | 73.15 -3.96 -11.36 | 69.35 -4.99 -3.47 | 44.46 -2.73 0.00 | 43.28 -2.13 0.00 | 39.04 -1.83 0.00 | 28.95 -1.32 0.00 | 35.43 -1.69 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 25.40 -0.27 0.00 | 24.32 -0.67 0.00 | 26.23 -1.04 0.00 | 23.77 -1.09 0.00 | 23.26 -0.80 0.00 | 25.27 -0.78 0.00 | 28.25 -0.16 0.00 | 29.08 0.27 0.00 | 30.17 0.45 0.00 | 28.45 0.10 0.00 | 35.24 0.84 0.00 | 42.51 0.94 0.00 | 43.88 1.79 0.00 | 39.92 1.12 0.00 | 41.49 1.27 -0.77 | 100.90 1.14 -56.20 | 107.34 1.66 -48.05 | 68.93 0.84 -2.35 | 76.45 0.18 -5.41 | 47.31 0.11 0.00 | 45.98 0.58 0.00 | 41.12 0.25 0.00 | 30.48 0.22 0.00 | 37.16 0.04 0.00 |
| ARTHUR KILL_GT_1 23520 | 36.37 1.72 -8.97 | 26.69 1.69 0.00 | 28.75 1.48 0.00 | 26.06 1.20 0.00 | 25.20 1.15 0.00 | 27.49 1.44 0.00 | 30.03 1.62 0.00 | 30.47 1.67 0.00 | 31.47 1.75 0.00 | 30.27 1.92 0.00 | 39.55 2.31 -2.85 | 44.23 2.52 -0.14 | 44.55 2.46 0.00 | 41.92 3.12 0.00 | 43.06 3.61 0.00 | 47.66 4.09 0.00 | 63.34 5.71 0.00 | 71.70 5.95 0.00 | 76.94 6.08 0.00 | 51.07 3.88 0.00 | 48.83 3.42 0.00 | 43.35 2.48 0.00 | 35.17 1.84 -3.07 | 45.57 2.48 -5.97 |
| ARTHUR_KILL_2 23512 | 36.26 1.62 -8.97 | 26.59 1.60 0.00 | 28.65 1.38 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.39 1.35 0.00 | 29.91 1.51 0.00 | 30.36 1.56 0.00 | 31.35 1.63 0.00 | 30.17 1.82 0.00 | 39.42 2.17 -2.85 | 44.07 2.36 -0.14 | 44.37 2.28 0.00 | 41.73 2.94 0.00 | 42.88 3.43 0.00 | 47.44 3.87 0.00 | 63.05 5.42 0.00 | 71.35 5.60 0.00 | 76.58 5.72 0.00 | 50.81 3.61 0.00 | 48.57 3.16 0.00 | 43.13 2.26 0.00 | 35.04 1.70 -3.07 | 45.41 2.32 -5.97 |
| ARTHUR_KILL_3 23513 | 36.06 1.43 -8.96 | 26.24 1.25 0.00 | 28.34 1.07 0.00 | 25.76 0.90 0.00 | 24.94 0.89 0.00 | 27.17 1.12 0.00 | 29.67 1.26 0.00 | 30.14 1.34 0.00 | 31.13 1.42 0.00 | 29.97 1.62 0.00 | 39.28 2.03 -2.84 | 44.06 2.35 -0.14 | 44.36 2.26 0.00 | 41.55 2.75 0.00 | 42.74 3.29 0.00 | 47.40 3.84 0.00 | 62.92 5.28 0.00 | 71.62 5.88 0.00 | 76.82 5.96 0.00 | 50.90 3.71 0.00 | 48.66 3.25 0.00 | 43.14 2.27 0.00 | 34.12 1.72 -2.13 | 44.40 2.19 -5.10 |

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| ARTHUR_KILL_COGEN 323718 | 36.37 1.72 -8.97 | 26.69 1.69 0.00 | 28.75 1.48 0.00 | 26.06 1.20 0.00 | 25.20 1.15 0.00 | 27.49 1.44 0.00 | 30.03 1.62 0.00 | 30.47 1.67 0.00 | 31.47 1.75 0.00 | 30.27 1.92 0.00 | 39.55 2.31 -2.85 | 44.23 2.52 -0.14 | 44.55 2.46 0.00 | 41.92 3.12 0.00 | 43.06 3.61 0.00 | 47.66 4.09 0.00 | 63.34 5.71 0.00 | 71.70 5.95 0.00 | 76.94 6.08 0.00 | 51.07 3.88 0.00 | 48.83 3.42 0.00 | 43.35 2.48 0.00 | 35.17 1.84 -3.07 | 45.57 2.48 -5.97 |
| ASHOKAN____ 23654 | 26.41 0.73 0.00 | 25.64 0.66 0.00 | 27.91 0.64 0.00 | 25.41 0.56 0.00 | 24.60 0.55 0.00 | 26.82 0.77 0.00 | 29.21 0.81 0.00 | 29.57 0.77 0.00 | 30.51 0.79 0.00 | 29.29 0.94 0.00 | 35.60 1.20 0.00 | 42.95 1.38 0.00 | 43.28 1.19 0.00 | 40.24 1.45 0.00 | 41.51 2.06 0.00 | 46.04 2.47 0.00 | 61.18 3.54 0.00 | 70.23 4.49 0.00 | 76.09 5.23 0.00 | 50.64 3.45 0.00 | 48.56 3.15 0.00 | 42.98 2.11 0.00 | 31.74 1.48 0.00 | 38.79 1.67 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 27.30 1.63 0.00 | 26.46 1.48 0.00 | 28.58 1.31 0.00 | 25.98 1.12 0.00 | 25.13 1.08 0.00 | 27.42 1.37 0.00 | 29.93 1.52 0.00 | 30.40 1.59 0.00 | 31.40 1.68 0.00 | 30.25 1.90 0.00 | 39.56 2.32 -2.85 | 44.36 2.65 -0.14 | 44.72 2.62 0.00 | 41.78 2.99 0.00 | 42.98 3.53 0.00 | 47.71 4.14 0.00 | 63.31 5.67 0.00 | 72.04 6.30 0.00 | 77.29 6.42 0.00 | 51.20 4.00 0.00 | 48.93 3.51 -0.01 | 43.41 2.53 -0.01 | 32.25 1.98 -0.01 | 39.74 2.63 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 27.30 1.63 0.00 | 26.46 1.48 0.00 | 28.58 1.31 0.00 | 25.98 1.12 0.00 | 25.13 1.08 0.00 | 27.42 1.37 0.00 | 29.93 1.52 0.00 | 30.40 1.59 0.00 | 31.40 1.68 0.00 | 30.25 1.90 0.00 | 39.56 2.32 -2.85 | 44.36 2.65 -0.14 | 44.72 2.62 0.00 | 41.78 2.99 0.00 | 42.98 3.53 0.00 | 47.71 4.14 0.00 | 63.31 5.67 0.00 | 72.04 6.30 0.00 | 77.29 6.42 0.00 | 51.20 4.00 0.00 | 48.93 3.51 -0.01 | 43.41 2.53 -0.01 | 32.25 1.98 -0.01 | 39.74 2.63 0.00 |
| ASTORIA_GT2_1 24094 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT2_2 24095 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT2_3 24096 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT2_4 24097 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT3_1 24098 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT3_2 24099 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT3_3 24100 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT3_4 24101 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT4_1 24102 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT4_2 24103 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT4_3 24104 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |

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|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|
| ASTORIA_GT4_4 24105 | 27.32 1.64 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.55 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.33 -2.85 | 44.39 2.67 -0.14 | 44.74 2.64 0.00 | 41.81 3.01 0.00 | 43.02 3.57 0.00 | 47.76 4.19 0.00 | 63.36 5.72 0.00 | 72.10 6.35 0.00 | 77.34 6.48 0.00 | 51.23 4.03 0.00 | 48.95 3.53 -0.01 | 43.43 2.56 -0.01 | 32.26 2.00 -0.01 | 39.76 2.64 0.00 |
| ASTORIA_GT_1 23523 | 27.38 1.70 0.00 | 26.53 1.54 0.00 | 28.65 1.38 0.00 | 26.04 1.18 0.00 | 25.20 1.14 0.00 | 27.49 1.44 0.00 | 30.01 1.61 0.00 | 30.49 1.68 0.00 | 31.50 1.78 0.00 | 30.34 1.99 0.00 | 39.69 2.44 -2.85 | 44.51 2.79 -0.14 | 44.88 2.78 0.00 | 41.94 3.14 0.00 | 43.13 3.68 0.00 | 47.88 4.31 0.00 | 63.53 5.90 0.00 | 72.30 6.55 0.00 | 77.57 6.70 0.00 | 51.38 4.18 0.00 | 49.10 3.69 -0.01 | 43.56 2.68 -0.01 | 32.36 2.09 -0.01 | 39.87 2.75 0.00 |
| ASTORIA_GT_10 24110 | 27.30 1.63 0.00 | 26.44 1.45 0.00 | 28.56 1.29 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.85 0.00 | 39.55 2.30 -2.85 | 44.30 2.59 -0.14 | 44.53 2.44 0.00 | 41.64 2.84 0.00 | 42.85 3.40 0.00 | 47.56 4.00 0.00 | 63.12 5.48 0.00 | 71.77 6.03 0.00 | 76.97 6.10 0.00 | 50.96 3.76 0.00 | 48.71 3.30 0.00 | 43.22 2.35 0.00 | 32.07 1.80 0.00 | 39.58 2.46 0.00 |
| ASTORIA_GT_11 24225 | 27.30 1.63 0.00 | 26.44 1.45 0.00 | 28.56 1.29 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.85 0.00 | 39.55 2.30 -2.85 | 44.30 2.59 -0.14 | 44.53 2.44 0.00 | 41.64 2.84 0.00 | 42.85 3.40 0.00 | 47.56 4.00 0.00 | 63.12 5.48 0.00 | 71.77 6.03 0.00 | 76.97 6.10 0.00 | 50.96 3.76 0.00 | 48.71 3.30 0.00 | 43.22 2.35 0.00 | 32.07 1.80 0.00 | 39.58 2.46 0.00 |
| ASTORIA_GT_12 24226 | 27.30 1.63 0.00 | 26.44 1.45 0.00 | 28.56 1.29 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.85 0.00 | 39.55 2.30 -2.85 | 44.30 2.59 -0.14 | 44.53 2.44 0.00 | 41.64 2.84 0.00 | 42.85 3.40 0.00 | 47.56 4.00 0.00 | 63.12 5.48 0.00 | 71.77 6.03 0.00 | 76.97 6.10 0.00 | 50.96 3.76 0.00 | 48.71 3.30 0.00 | 43.22 2.35 0.00 | 32.07 1.80 0.00 | 39.58 2.46 0.00 |
| ASTORIA_GT_13 24227 | 27.30 1.63 0.00 | 26.44 1.45 0.00 | 28.56 1.29 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.85 0.00 | 39.55 2.30 -2.85 | 44.30 2.59 -0.14 | 44.53 2.44 0.00 | 41.64 2.84 0.00 | 42.85 3.40 0.00 | 47.56 4.00 0.00 | 63.12 5.48 0.00 | 71.77 6.03 0.00 | 76.97 6.10 0.00 | 50.96 3.76 0.00 | 48.71 3.30 0.00 | 43.22 2.35 0.00 | 32.07 1.80 0.00 | 39.58 2.46 0.00 |
| ASTORIA_GT_5 24106 | 27.37 1.70 0.00 | 26.53 1.54 0.00 | 28.65 1.38 0.00 | 26.04 1.18 0.00 | 25.20 1.14 0.00 | 27.49 1.44 0.00 | 30.02 1.61 0.00 | 30.49 1.68 0.00 | 31.50 1.78 0.00 | 30.34 1.99 0.00 | 39.68 2.43 -2.85 | 44.51 2.80 -0.14 | 44.87 2.78 0.00 | 41.93 3.14 0.00 | 43.14 3.70 0.00 | 47.91 4.34 0.00 | 63.54 5.91 0.00 | 72.32 6.57 0.00 | 77.58 6.71 0.00 | 51.38 4.18 0.00 | 49.10 3.69 -0.01 | 43.56 2.69 -0.01 | 32.36 2.09 -0.01 | 39.87 2.75 0.00 |
| ASTORIA_GT_7 24107 | 27.37 1.70 0.00 | 26.53 1.54 0.00 | 28.65 1.38 0.00 | 26.04 1.18 0.00 | 25.20 1.14 0.00 | 27.49 1.44 0.00 | 30.02 1.61 0.00 | 30.49 1.68 0.00 | 31.50 1.78 0.00 | 30.34 1.99 0.00 | 39.68 2.43 -2.85 | 44.51 2.80 -0.14 | 44.87 2.78 0.00 | 41.93 3.14 0.00 | 43.14 3.70 0.00 | 47.91 4.34 0.00 | 63.54 5.91 0.00 | 72.32 6.57 0.00 | 77.58 6.71 0.00 | 51.38 4.18 0.00 | 49.10 3.69 -0.01 | 43.56 2.69 -0.01 | 32.36 2.09 -0.01 | 39.87 2.75 0.00 |
| ASTORIA_GT_8 24108 | 27.37 1.70 0.00 | 26.53 1.54 0.00 | 28.65 1.38 0.00 | 26.04 1.18 0.00 | 25.20 1.14 0.00 | 27.49 1.44 0.00 | 30.02 1.61 0.00 | 30.49 1.68 0.00 | 31.50 1.78 0.00 | 30.34 1.99 0.00 | 39.68 2.43 -2.85 | 44.51 2.80 -0.14 | 44.87 2.78 0.00 | 41.93 3.14 0.00 | 43.14 3.70 0.00 | 47.91 4.34 0.00 | 63.54 5.91 0.00 | 72.32 6.57 0.00 | 77.58 6.71 0.00 | 51.38 4.18 0.00 | 49.10 3.69 -0.01 | 43.56 2.69 -0.01 | 32.36 2.09 -0.01 | 39.87 2.75 0.00 |
| ASTORIA___2 24149 | 27.32 1.65 0.00 | 26.47 1.48 0.00 | 28.60 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.43 1.38 0.00 | 29.95 1.54 0.00 | 30.42 1.61 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.58 2.34 -2.85 | 44.38 2.67 -0.14 | 44.74 2.65 0.00 | 41.81 3.01 0.00 | 43.00 3.55 0.00 | 47.73 4.17 0.00 | 63.35 5.71 0.00 | 72.10 6.35 0.00 | 77.33 6.46 0.00 | 51.23 4.03 0.00 | 48.95 3.54 -0.01 | 43.43 2.55 -0.01 | 32.27 2.00 -0.01 | 39.77 2.65 0.00 |
| ASTORIA___3 23516 | 27.30 1.63 0.00 | 26.44 1.45 0.00 | 28.56 1.28 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.86 0.00 | 39.56 2.31 -2.85 | 44.30 2.58 -0.14 | 44.53 2.44 0.00 | 41.64 2.84 0.00 | 42.83 3.38 0.00 | 47.53 3.96 0.00 | 63.11 5.48 0.00 | 71.76 6.01 0.00 | 76.97 6.10 0.00 | 50.96 3.76 0.00 | 48.71 3.30 0.00 | 43.22 2.35 0.00 | 32.07 1.80 0.00 | 39.59 2.47 0.00 |
| ASTORIA___4 23517 | 27.30 1.63 0.00 | 26.44 1.45 0.00 | 28.56 1.29 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.85 0.00 | 39.55 2.30 -2.85 | 44.30 2.59 -0.14 | 44.53 2.44 0.00 | 41.64 2.84 0.00 | 42.85 3.40 0.00 | 47.56 4.00 0.00 | 63.12 5.48 0.00 | 71.77 6.03 0.00 | 76.97 6.10 0.00 | 50.96 3.76 0.00 | 48.71 3.30 0.00 | 43.22 2.35 0.00 | 32.07 1.80 0.00 | 39.58 2.46 0.00 |
| ASTORIA___5 23518 | 27.30 1.63 0.00 | 26.44 1.45 0.00 | 28.56 1.28 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.85 0.00 | 39.56 2.31 -2.85 | 44.30 2.58 -0.14 | 44.53 2.44 0.00 | 41.64 2.84 0.00 | 42.83 3.38 0.00 | 47.53 3.96 0.00 | 63.11 5.47 0.00 | 71.76 6.01 0.00 | 76.96 6.09 0.00 | 50.96 3.76 0.00 | 48.71 3.30 0.00 | 43.22 2.35 0.00 | 32.07 1.80 0.00 | 39.59 2.47 0.00 |
| AST_ENERGY_2_CC3 323677 | 27.18 1.50 0.00 | 26.32 1.33 0.00 | 28.44 1.17 0.00 | 25.84 0.98 0.00 | 25.01 0.95 0.00 | 27.27 1.22 0.00 | 29.75 1.35 0.00 | 30.21 1.41 0.00 | 31.22 1.50 0.00 | 30.07 1.72 0.00 | 39.40 2.15 -2.84 | 44.21 2.49 -0.14 | 44.51 2.41 0.00 | 41.64 2.84 0.00 | 42.86 3.40 0.00 | 47.55 3.99 0.00 | 63.11 5.48 0.00 | 71.80 6.05 0.00 | 77.02 6.15 0.00 | 51.00 3.81 0.00 | 48.77 3.36 0.00 | 43.22 2.35 0.00 | 32.05 1.78 0.00 | 39.42 2.31 0.00 |
| AST_ENERGY_2_CC4 323678 | 27.18 1.50 0.00 | 26.32 1.33 0.00 | 28.44 1.17 0.00 | 25.84 0.98 0.00 | 25.01 0.95 0.00 | 27.27 1.22 0.00 | 29.75 1.35 0.00 | 30.21 1.41 0.00 | 31.22 1.50 0.00 | 30.07 1.72 0.00 | 39.40 2.15 -2.84 | 44.21 2.49 -0.14 | 44.51 2.41 0.00 | 41.64 2.84 0.00 | 42.86 3.40 0.00 | 47.55 3.99 0.00 | 63.11 5.48 0.00 | 71.80 6.05 0.00 | 77.02 6.15 0.00 | 51.00 3.81 0.00 | 48.77 3.36 0.00 | 43.22 2.35 0.00 | 32.05 1.78 0.00 | 39.42 2.31 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|--------------------------|
| ATHENS_STG_1 23668 | 26.29 0.61 0.00 | 25.56 0.57 0.00 | 27.83 0.55 0.00 | 25.33 0.48 0.00 | 24.52 0.46 0.00 | 26.68 0.63 0.00 | 29.01 0.60 0.00 | 29.31 0.50 0.00 | 30.24 0.51 0.00 | 28.96 0.60 0.00 | 36.19 0.69 -1.10 | 42.45 0.82 -0.06 | 42.89 0.79 0.00 | 39.92 1.13 0.00 | 40.92 1.47 0.00 | 45.26 1.70 0.00 | 59.85 2.21 0.00 | 68.23 2.49 0.00 | 73.48 2.61 0.00 | 48.88 1.68 0.00 | 46.95 1.54 0.00 | 41.77 0.90 0.00 | 30.94 0.68 0.00 | 38.02 0.90 0.00 |
| ATHENS_STG_2 23670 | 26.29 0.61 0.00 | 25.56 0.57 0.00 | 27.83 0.55 0.00 | 25.33 0.48 0.00 | 24.52 0.46 0.00 | 26.68 0.63 0.00 | 29.01 0.60 0.00 | 29.31 0.50 0.00 | 30.24 0.51 0.00 | 28.96 0.60 0.00 | 36.19 0.69 -1.10 | 42.45 0.82 -0.06 | 42.89 0.79 0.00 | 39.92 1.13 0.00 | 40.92 1.47 0.00 | 45.26 1.70 0.00 | 59.85 2.21 0.00 | 68.23 2.49 0.00 | 73.48 2.61 0.00 | 48.88 1.68 0.00 | 46.95 1.54 0.00 | 41.77 0.90 0.00 | 30.94 0.68 0.00 | 38.02 0.90 0.00 |
| ATHENS_STG_3 23677 | 26.29 0.61 0.00 | 25.56 0.57 0.00 | 27.83 0.55 0.00 | 25.33 0.48 0.00 | 24.52 0.46 0.00 | 26.68 0.63 0.00 | 29.01 0.60 0.00 | 29.31 0.50 0.00 | 30.24 0.51 0.00 | 28.96 0.60 0.00 | 36.19 0.69 -1.10 | 42.45 0.82 -0.06 | 42.89 0.79 0.00 | 39.92 1.13 0.00 | 40.92 1.47 0.00 | 45.26 1.70 0.00 | 59.85 2.21 0.00 | 68.23 2.49 0.00 | 73.48 2.61 0.00 | 48.88 1.68 0.00 | 46.95 1.54 0.00 | 41.77 0.90 0.00 | 30.94 0.68 0.00 | 38.02 0.90 0.00 |
| AUBURN___LFGE 323710 | 26.05 0.37 0.00 | 25.23 0.25 0.00 | 27.32 0.05 0.00 | 24.94 0.08 0.00 | 24.18 0.13 0.00 | 26.32 0.27 0.00 | 28.87 0.46 0.00 | 29.27 0.46 0.00 | 30.11 0.39 0.00 | 28.85 0.49 0.00 | 34.89 0.49 0.00 | 42.19 0.62 0.00 | 42.87 0.77 0.00 | 39.40 0.61 0.00 | 40.14 0.69 0.00 | 44.27 0.70 0.00 | 58.77 1.15 0.01 | 67.29 1.75 0.21 | 71.30 1.33 0.89 | 48.31 1.11 0.00 | 46.56 1.15 0.00 | 41.53 0.66 0.00 | 30.71 0.44 0.00 | 37.58 0.47 0.00 |
| BABYLON_RES_REC 323704 | 27.56 1.88 0.00 | 26.74 1.75 0.00 | 28.74 1.47 0.00 | 26.13 1.28 0.00 | 25.28 1.23 0.00 | 27.64 1.59 0.00 | 30.23 1.82 0.00 | 30.72 1.91 0.00 | 31.65 1.93 0.00 | 30.29 1.93 0.00 | 39.46 2.22 -2.84 | 44.00 2.29 -0.14 | 44.54 2.45 0.00 | 63.83 3.10 -21.94 | 66.24 3.71 -23.08 | 244.77 4.35 -196.86 | 309.21 5.95 -245.63 | 249.70 6.72 -177.24 | 185.26 6.97 -107.43 | 267.03 4.37 -215.46 | 114.50 3.80 -65.29 | 72.79 2.75 -29.17 | 34.88 2.08 -2.53 | 97.88 3.10 -57.66 |
| BABYLON__69_KV_BK2 356345 | 27.80 2.13 0.00 | 26.97 1.98 0.00 | 28.98 1.70 0.00 | 26.34 1.48 0.00 | 25.48 1.43 0.00 | 27.86 1.81 0.00 | 30.47 2.07 0.00 | 30.99 2.18 0.00 | 31.95 2.22 0.00 | 30.69 2.33 0.00 | 40.11 2.87 -2.84 | 44.88 3.16 -0.14 | 45.49 3.40 0.00 | 63.84 4.10 -20.94 | 67.39 4.86 -23.08 | 245.94 5.51 -196.86 | 310.71 7.45 -245.63 | 253.88 8.46 -179.67 | 185.92 8.81 -106.25 | 268.19 5.53 -215.46 | 115.62 4.92 -65.29 | 73.70 3.67 -29.17 | 35.43 2.68 -2.49 | 98.23 3.54 -57.57 |
| BALL_HILL_WT_PWR 323825 | 25.77 0.10 0.00 | 24.56 -0.43 0.00 | 26.47 -0.80 0.00 | 23.91 -0.94 0.00 | 23.32 -0.73 0.00 | 25.46 -0.59 0.00 | 28.46 0.06 0.00 | 29.16 0.35 0.00 | 30.15 0.43 0.00 | 28.41 0.05 0.00 | 35.13 0.73 0.00 | 42.11 0.54 0.00 | 43.30 1.21 0.00 | 39.48 0.68 0.00 | 41.08 0.76 -0.88 | 108.92 0.59 -64.76 | 115.04 0.71 -56.69 | 68.29 -0.23 -2.77 | 76.24 -1.01 -6.38 | 46.76 -0.43 0.00 | 45.39 -0.02 0.00 | 40.64 -0.24 0.00 | 30.11 -0.15 0.00 | 36.72 -0.40 0.00 |
| BARON_WINDS___WT_PWR 323822 | 25.57 -0.10 0.00 | 24.55 -0.44 0.00 | 26.49 -0.78 0.00 | 23.97 -0.89 0.00 | 23.27 -0.78 0.00 | 25.49 -0.56 0.00 | 28.37 -0.04 0.00 | 29.06 0.25 0.00 | 30.05 0.32 0.00 | 28.54 0.18 0.00 | 35.10 0.70 0.00 | 42.17 0.60 0.00 | 43.11 1.02 0.00 | 39.66 0.87 0.00 | 40.85 1.10 -0.31 | 67.12 1.14 -22.41 | 78.63 1.42 -19.58 | 67.51 0.81 -0.96 | 73.35 0.29 -2.20 | 47.57 0.37 0.00 | 45.98 0.57 0.00 | 41.01 0.14 0.00 | 30.40 0.14 0.00 | 37.06 -0.05 0.00 |
| BARRETT_IC_1 23704 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT_IC_10 23701 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT_IC_11 23702 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT_IC_12 23703 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT_IC_2 23705 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT_IC_3 23706 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT_IC_4 23707 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |

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| BARRETT_IC_5 23708 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT_IC_6 23709 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT_IC_7 23710 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.46 2.22 -2.84 | 44.07 2.35 -0.14 | 44.51 2.42 0.00 | 56.88 3.00 -15.08 | 66.01 3.47 -23.08 | 244.51 4.08 -196.86 | 308.81 5.55 -245.63 | 248.31 6.13 -176.44 | 176.30 6.28 -99.16 | 266.59 3.93 -215.46 | 114.08 3.38 -65.29 | 72.44 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.55 |
| BARRETT_IC_8 23711 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT_IC_9 23700 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT___1 23545 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BARRETT___2 23546 | 27.34 1.67 0.00 | 26.51 1.52 0.00 | 28.55 1.28 0.00 | 25.95 1.10 0.00 | 25.11 1.06 0.00 | 27.43 1.38 0.00 | 29.96 1.56 0.00 | 30.34 1.53 0.00 | 31.28 1.56 0.00 | 30.09 1.74 0.00 | 39.47 2.22 -2.84 | 44.07 2.35 -0.14 | 44.52 2.43 0.00 | 56.86 2.98 -15.08 | 66.00 3.46 -23.08 | 244.48 4.05 -196.86 | 308.79 5.53 -245.62 | 248.29 6.11 -176.43 | 176.28 6.26 -99.16 | 266.58 3.93 -215.46 | 114.08 3.39 -65.28 | 72.45 2.41 -29.17 | 39.47 1.95 -7.26 | 107.39 2.72 -67.56 |
| BATAVIA__115KV_TB1 55881 | 26.55 0.88 0.00 | 25.26 0.27 0.00 | 27.28 0.01 0.00 | 24.62 -0.23 0.00 | 23.97 -0.08 0.00 | 26.20 0.15 0.00 | 29.23 0.83 0.00 | 29.91 1.10 0.00 | 30.83 1.11 0.00 | 29.03 0.68 0.00 | 35.87 1.47 0.00 | 42.68 1.11 0.00 | 43.72 1.62 0.00 | 39.77 0.97 0.00 | 40.66 0.97 -0.24 | 57.78 0.72 -13.49 | 62.70 0.90 -4.17 | 96.79 0.26 -30.79 | 76.85 -0.37 -6.35 | 47.38 0.19 0.00 | 45.95 0.54 0.00 | 41.20 0.34 0.00 | 30.49 0.23 0.00 | 37.21 0.10 0.00 |
| BAYONEEC___CTG1 323682 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |
| BAYONEEC___CTG10 323750 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |
| BAYONEEC___CTG2 323683 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |
| BAYONEEC___CTG3 323684 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |
| BAYONEEC___CTG4 323685 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |
| BAYONEEC___CTG5 323686 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |
| BAYONEEC___CTG6 323687 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| BAYONEEC___CTG7 323688 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |
| BAYONEEC___CTG8 323689 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |
| BAYONEEC___CTG9 323749 | 27.21 1.53 0.00 | 26.35 1.36 0.00 | 28.47 1.20 0.00 | 25.86 1.01 0.00 | 25.04 0.98 0.00 | 27.29 1.24 0.00 | 29.79 1.38 0.00 | 30.26 1.45 0.00 | 31.27 1.55 0.00 | 30.11 1.76 0.00 | 39.44 2.20 -2.84 | 44.26 2.55 -0.14 | 44.54 2.44 0.00 | 41.67 2.88 0.00 | 42.89 3.44 0.00 | 47.59 4.02 0.00 | 63.16 5.53 0.00 | 71.87 6.12 0.00 | 77.08 6.21 0.00 | 51.05 3.86 0.00 | 48.81 3.40 0.00 | 43.27 2.40 0.00 | 32.10 1.84 0.00 | 39.47 2.35 0.00 |
| BEACON___LESR 323632 | 26.18 0.50 0.00 | 25.48 0.50 0.00 | 27.77 0.49 0.00 | 25.28 0.42 0.00 | 24.49 0.43 0.00 | 26.66 0.61 0.00 | 28.97 0.56 0.00 | 29.24 0.44 0.00 | 30.22 0.50 0.00 | 28.82 0.46 0.00 | 32.31 0.52 2.61 | 42.19 0.75 0.13 | 42.73 0.64 0.00 | 39.71 0.92 0.00 | 40.79 1.34 0.00 | 45.07 1.50 0.00 | 59.59 1.95 0.00 | 68.22 2.48 0.00 | 73.55 2.68 0.00 | 48.92 1.73 0.00 | 46.98 1.57 0.00 | 41.74 0.87 0.00 | 30.92 0.65 0.00 | 38.01 0.89 0.00 |
| BEAVER RIVER___HYD 24048 | 26.70 -1.01 -2.04 | 26.11 -0.93 -2.04 | 28.17 -0.80 -1.70 | 26.73 -0.36 -2.23 | 26.23 -0.01 -2.19 | 28.31 0.18 -2.08 | 29.35 0.29 -0.65 | 29.16 0.36 0.00 | 30.05 0.33 0.00 | 28.69 0.34 0.00 | 34.69 0.29 0.00 | 41.62 0.05 0.00 | 41.66 -0.43 0.00 | 38.17 -0.63 0.00 | 38.28 -1.18 0.00 | 38.80 -1.19 3.58 | 55.96 -1.48 0.20 | 60.82 -1.24 3.69 | 54.08 -0.90 15.89 | 46.85 -0.35 0.00 | 45.98 0.57 0.00 | 41.34 0.47 0.00 | 30.55 0.28 0.00 | 37.36 0.25 0.00 |
| BEEBEE_GT_13 23619 | 26.08 0.40 0.00 | 24.99 0.00 0.00 | 27.04 -0.24 0.00 | 24.48 -0.38 0.00 | 23.78 -0.27 0.00 | 25.93 -0.12 0.00 | 28.73 0.32 0.00 | 29.29 0.48 0.00 | 30.20 0.48 0.00 | 28.57 0.22 0.00 | 35.12 0.72 0.00 | 42.02 0.45 0.00 | 42.87 0.77 0.00 | 39.21 0.41 0.00 | 39.80 0.40 0.05 | 39.81 0.31 4.07 | 53.77 0.37 4.24 | 68.92 -0.16 -3.34 | 70.34 -0.73 -0.20 | 46.95 -0.25 0.00 | 45.40 0.00 0.00 | 40.73 -0.14 0.00 | 30.13 -0.13 0.00 | 36.78 -0.34 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 36.61 1.97 -8.97 | 26.77 1.78 0.00 | 28.88 1.61 0.00 | 26.21 1.36 0.00 | 25.36 1.31 0.00 | 27.67 1.62 0.00 | 30.22 1.82 0.00 | 30.69 1.89 0.00 | 31.73 2.01 0.00 | 30.56 2.21 0.00 | 39.99 2.74 -2.85 | 44.89 3.17 -0.14 | 45.17 3.07 0.00 | 42.23 3.43 0.00 | 43.43 3.98 0.00 | 48.15 4.58 0.00 | 63.98 6.34 0.00 | 72.61 6.86 0.00 | 77.84 6.97 0.00 | 51.59 4.39 0.00 | 49.36 3.95 0.00 | 43.85 2.98 0.00 | 35.55 2.21 -3.07 | 64.61 3.02 -24.48 |
| BETHLEHEM___GRP 23843 | 25.77 0.10 0.00 | 25.10 0.12 0.00 | 27.38 0.11 0.00 | 24.95 0.09 0.00 | 24.15 0.09 0.00 | 26.27 0.21 0.00 | 28.49 0.09 0.00 | 28.77 -0.03 0.00 | 29.69 -0.04 0.00 | 28.36 0.01 0.00 | 31.81 -0.10 2.49 | 41.36 -0.08 0.13 | 41.93 -0.16 0.00 | 38.99 0.19 0.00 | 39.96 0.51 0.00 | 44.13 0.56 0.00 | 58.22 0.59 0.00 | 66.56 0.81 0.00 | 71.84 0.98 0.00 | 47.85 0.65 0.00 | 46.01 0.60 0.00 | 40.94 0.07 0.00 | 30.33 0.06 0.00 | 37.24 0.12 0.00 |
| BETHLEHEM___GS1 323560 | 25.77 0.10 0.00 | 25.10 0.12 0.00 | 27.38 0.11 0.00 | 24.95 0.09 0.00 | 24.15 0.09 0.00 | 26.27 0.22 0.00 | 28.49 0.09 0.00 | 28.77 -0.03 0.00 | 29.69 -0.04 0.00 | 28.36 0.01 0.00 | 31.81 -0.10 2.49 | 41.36 -0.08 0.13 | 41.93 -0.17 0.00 | 38.99 0.19 0.00 | 39.95 0.50 0.00 | 44.11 0.55 0.00 | 58.22 0.59 0.00 | 66.54 0.80 0.00 | 71.84 0.97 0.00 | 47.85 0.65 0.00 | 46.01 0.60 0.00 | 40.94 0.07 0.00 | 30.33 0.06 0.00 | 37.24 0.12 0.00 |
| BETHLEHEM___GS2 323561 | 25.77 0.10 0.00 | 25.10 0.12 0.00 | 27.38 0.11 0.00 | 24.95 0.09 0.00 | 24.15 0.09 0.00 | 26.27 0.22 0.00 | 28.49 0.09 0.00 | 28.77 -0.03 0.00 | 29.69 -0.04 0.00 | 28.36 0.01 0.00 | 31.81 -0.10 2.49 | 41.36 -0.08 0.13 | 41.93 -0.17 0.00 | 38.99 0.19 0.00 | 39.95 0.50 0.00 | 44.11 0.55 0.00 | 58.22 0.59 0.00 | 66.54 0.80 0.00 | 71.84 0.97 0.00 | 47.85 0.65 0.00 | 46.01 0.60 0.00 | 40.94 0.07 0.00 | 30.33 0.06 0.00 | 37.24 0.12 0.00 |
| BETHLEHEM___GS3 323562 | 25.77 0.10 0.00 | 25.10 0.12 0.00 | 27.38 0.11 0.00 | 24.95 0.09 0.00 | 24.15 0.09 0.00 | 26.27 0.22 0.00 | 28.49 0.09 0.00 | 28.77 -0.03 0.00 | 29.69 -0.04 0.00 | 28.36 0.01 0.00 | 31.81 -0.10 2.49 | 41.36 -0.08 0.13 | 41.93 -0.17 0.00 | 38.99 0.19 0.00 | 39.95 0.50 0.00 | 44.11 0.55 0.00 | 58.22 0.59 0.00 | 66.54 0.80 0.00 | 71.84 0.97 0.00 | 47.85 0.65 0.00 | 46.01 0.60 0.00 | 40.94 0.07 0.00 | 30.33 0.06 0.00 | 37.24 0.12 0.00 |
| BETHLEHEM___STEEL 23779 | 25.91 0.24 0.00 | 24.65 -0.34 0.00 | 26.58 -0.69 0.00 | 23.97 -0.88 0.00 | 23.36 -0.69 0.00 | 25.53 -0.52 0.00 | 28.55 0.14 0.00 | 29.22 0.41 0.00 | 30.19 0.47 0.00 | 28.42 0.07 0.00 | 35.16 0.76 0.00 | 41.96 0.39 0.00 | 43.16 1.07 0.00 | 39.30 0.50 0.00 | 40.67 0.39 -0.83 | 103.50 0.06 -59.87 | 106.80 0.06 -49.11 | 67.23 -0.92 -2.40 | 74.63 -1.76 -5.53 | 46.44 -0.75 0.00 | 45.12 -0.29 0.00 | 40.48 -0.39 0.00 | 29.98 -0.28 0.00 | 36.58 -0.54 0.00 |
| BETHLHEM_115KV_TB1 79974 | 25.80 0.13 0.00 | 25.13 0.14 0.00 | 27.41 0.14 0.00 | 24.98 0.13 0.00 | 24.18 0.13 0.00 | 26.29 0.24 0.00 | 28.53 0.13 0.00 | 28.80 0.00 0.00 | 29.72 0.00 0.00 | 28.39 0.04 0.00 | 31.86 -0.06 2.49 | 41.40 -0.04 0.13 | 41.97 -0.12 0.00 | 39.04 0.25 0.00 | 40.01 0.56 0.00 | 44.19 0.62 0.00 | 58.31 0.67 0.00 | 66.65 0.90 0.00 | 71.95 1.09 0.00 | 47.92 0.72 0.00 | 46.08 0.67 0.00 | 41.00 0.13 0.00 | 30.37 0.11 0.00 | 37.29 0.17 0.00 |
| BETHPAGE_CC_5 323564 | 27.44 1.77 0.00 | 26.62 1.63 0.00 | 28.63 1.36 0.00 | 26.03 1.18 0.00 | 25.19 1.14 0.00 | 27.52 1.47 0.00 | 30.09 1.69 0.00 | 30.56 1.76 0.00 | 31.50 1.77 0.00 | 30.27 1.92 0.00 | 39.62 2.38 -2.84 | 44.30 2.59 -0.14 | 44.75 2.65 0.00 | 66.62 3.35 -24.48 | 66.45 3.92 -23.08 | 245.03 4.60 -196.86 | 309.57 6.31 -245.63 | 250.28 7.01 -177.53 | 188.50 7.23 -110.41 | 267.23 4.57 -215.46 | 114.66 3.96 -65.29 | 72.85 2.82 -29.17 | 35.08 2.15 -2.67 | 97.98 2.90 -57.96 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 26.02 0.35 0.00 | 24.76 -0.23 0.00 | 26.70 -0.58 0.00 | 24.07 -0.79 0.00 | 23.45 -0.60 0.00 | 25.64 -0.41 0.00 | 28.68 0.27 0.00 | 29.34 0.53 0.00 | 30.33 0.61 0.00 | 28.57 0.21 0.00 | 35.35 0.95 0.00 | 42.17 0.60 0.00 | 43.39 1.29 0.00 | 39.53 0.73 0.00 | 40.88 0.62 -0.80 | 101.68 0.32 -57.79 | 105.36 0.40 -47.32 | 67.50 -0.56 -2.31 | 74.82 -1.37 -5.33 | 46.70 -0.50 0.00 | 45.34 -0.07 0.00 | 40.66 -0.21 0.00 | 30.12 -0.15 0.00 | 36.72 -0.39 0.00 |

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| BINGHAMTON___COGEN 23790 | 26.13 0.45 0.00 | 25.23 0.24 0.00 | 27.39 0.12 0.00 | 24.87 0.01 0.00 | 24.12 0.06 0.00 | 26.27 0.22 0.00 | 28.85 0.44 0.00 | 29.35 0.55 0.00 | 30.27 0.55 0.00 | 28.87 0.52 0.00 | 35.25 0.85 0.00 | 42.51 0.93 0.00 | 43.17 1.07 0.00 | 39.90 1.10 0.00 | 40.91 1.38 -0.08 | 51.37 1.60 -6.20 | 64.95 2.06 -5.25 | 67.96 1.96 -0.25 | 73.21 1.76 -0.58 | 48.34 1.14 0.00 | 46.53 1.13 0.00 | 41.48 0.61 0.00 | 30.70 0.44 0.00 | 37.53 0.41 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 26.11 0.43 0.00 | 24.98 0.00 0.00 | 26.85 -0.42 0.00 | 24.05 -0.81 0.00 | 23.49 -0.56 0.00 | 25.79 -0.26 0.00 | 28.94 0.53 0.00 | 29.68 0.88 0.00 | 30.70 0.98 0.00 | 28.97 0.62 0.00 | 35.74 1.34 0.00 | 42.74 1.17 0.00 | 43.84 1.74 0.00 | 40.13 1.34 0.00 | 41.42 1.28 -0.69 | 93.79 1.07 -49.15 | 99.31 1.29 -40.38 | 68.20 0.48 -1.97 | 75.21 -0.20 -4.54 | 47.37 0.17 0.00 | 45.99 0.58 0.00 | 41.20 0.33 0.00 | 30.56 0.30 0.00 | 37.26 0.15 0.00 |
| BLACK RIVER___HYD 24047 | 26.26 -0.84 -1.43 | 25.59 -0.82 -1.43 | 27.72 -0.74 -1.19 | 26.17 -0.24 -1.56 | 25.73 0.14 -1.53 | 27.90 0.40 -1.45 | 29.41 0.55 -0.45 | 29.43 0.63 0.00 | 30.27 0.55 0.00 | 28.94 0.59 0.00 | 35.02 0.62 0.00 | 41.88 0.31 0.00 | 41.78 -0.31 0.00 | 38.37 -0.43 0.00 | 38.43 -1.02 0.00 | 40.16 -0.93 2.47 | 56.31 -1.19 0.14 | 62.55 -0.62 2.58 | 59.66 -0.12 11.09 | 47.36 0.16 0.00 | 46.59 1.18 0.00 | 41.63 0.76 0.00 | 30.73 0.47 0.00 | 37.56 0.45 0.00 |
| BLACKRVR_115KV_TB2 79977 | 26.26 -0.84 -1.43 | 25.59 -0.82 -1.43 | 27.72 -0.74 -1.19 | 26.17 -0.24 -1.56 | 25.73 0.14 -1.53 | 27.90 0.40 -1.45 | 29.41 0.55 -0.45 | 29.43 0.63 0.00 | 30.27 0.55 0.00 | 28.94 0.59 0.00 | 35.02 0.62 0.00 | 41.88 0.31 0.00 | 41.78 -0.31 0.00 | 38.37 -0.43 0.00 | 38.43 -1.02 0.00 | 40.15 -0.94 2.47 | 56.31 -1.19 0.14 | 62.54 -0.63 2.58 | 59.66 -0.11 11.09 | 47.36 0.16 0.00 | 46.59 1.18 0.00 | 41.63 0.76 0.00 | 30.73 0.47 0.00 | 37.56 0.45 0.00 |
| BLISS_WT_PWR 323608 | 26.02 0.34 0.00 | 24.92 -0.07 0.00 | 26.77 -0.51 0.00 | 23.92 -0.94 0.00 | 23.38 -0.67 0.00 | 25.71 -0.34 0.00 | 28.87 0.47 0.00 | 29.64 0.84 0.00 | 30.68 0.96 0.00 | 28.97 0.62 0.00 | 35.70 1.30 0.00 | 42.73 1.16 0.00 | 43.82 1.73 0.00 | 40.14 1.35 0.00 | 41.51 1.38 -0.69 | 93.96 1.24 -49.15 | 99.33 1.31 -40.38 | 68.21 0.49 -1.97 | 75.21 -0.20 -4.54 | 47.37 0.18 0.00 | 45.99 0.58 0.00 | 41.20 0.33 0.00 | 30.56 0.30 0.00 | 37.26 0.14 0.00 |
| BLUESTONE___WT_PWR 323821 | 26.61 0.93 0.00 | 25.07 0.08 0.00 | 28.13 0.85 0.00 | 25.25 0.39 0.00 | 24.59 0.53 0.00 | 26.94 0.89 0.00 | 29.03 0.63 0.00 | 30.36 1.55 0.00 | 31.41 1.68 0.00 | 30.29 1.94 0.00 | 37.02 2.62 0.00 | 44.60 3.03 0.00 | 45.58 3.49 0.00 | 41.95 3.16 0.00 | 43.23 3.72 -0.06 | 52.24 4.13 -4.54 | 67.15 5.68 -3.84 | 72.16 6.23 -0.18 | 77.35 6.04 -0.45 | 50.93 3.73 0.00 | 48.98 3.57 0.00 | 43.73 2.86 0.00 | 32.34 2.07 0.00 | 39.43 2.32 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 26.20 0.53 0.00 | 25.51 0.53 0.00 | 27.87 0.60 0.00 | 25.40 0.55 0.00 | 24.60 0.54 0.00 | 26.74 0.69 0.00 | 29.04 0.64 0.00 | 29.31 0.50 0.00 | 30.21 0.49 0.00 | 28.84 0.48 0.00 | 33.34 0.43 1.49 | 41.99 0.50 0.08 | 42.48 0.39 0.00 | 39.42 0.63 0.00 | 40.35 0.90 0.00 | 44.54 0.97 0.00 | 58.81 1.17 0.00 | 67.32 1.57 0.00 | 72.76 1.90 0.00 | 48.51 1.31 0.00 | 46.70 1.29 0.00 | 41.63 0.76 0.00 | 30.85 0.58 0.00 | 37.86 0.74 0.00 |
| BOC_GAS_DRP 24189 | 26.07 0.39 0.00 | 25.37 0.38 0.00 | 27.66 0.39 0.00 | 25.21 0.35 0.00 | 24.40 0.35 0.00 | 26.53 0.48 0.00 | 28.82 0.41 0.00 | 29.11 0.30 0.00 | 30.02 0.30 0.00 | 28.69 0.34 0.00 | 33.35 0.35 1.39 | 41.91 0.41 0.07 | 42.45 0.35 0.00 | 39.43 0.64 0.00 | 40.36 0.91 0.00 | 44.59 1.03 0.00 | 58.87 1.24 0.00 | 67.22 1.48 0.00 | 72.49 1.63 0.00 | 48.28 1.08 0.00 | 46.43 1.02 0.00 | 41.39 0.52 0.00 | 30.67 0.40 0.00 | 37.66 0.55 0.00 |
| BOONVILLE_115KV_TB1 79983 | 26.50 0.05 -0.77 | 25.80 0.04 -0.77 | 28.02 0.10 -0.64 | 25.96 0.26 -0.84 | 25.31 0.43 -0.83 | 27.45 0.61 -0.79 | 29.42 0.76 -0.24 | 29.62 0.82 0.00 | 30.58 0.86 0.00 | 29.16 0.81 0.00 | 35.36 0.96 0.00 | 42.58 1.01 0.00 | 42.97 0.88 0.00 | 39.59 0.79 0.00 | 40.17 0.72 0.00 | 43.58 0.90 0.89 | 58.84 1.27 0.07 | 65.94 1.59 1.40 | 66.71 1.87 6.02 | 48.51 1.32 0.00 | 46.98 1.57 0.00 | 42.03 1.16 0.00 | 31.04 0.78 0.00 | 37.98 0.87 0.00 |
| BORALEX_4TH_BRANCH 23824 | 26.86 1.19 0.00 | 26.20 1.22 0.00 | 28.55 1.28 0.00 | 26.03 1.17 0.00 | 25.19 1.14 0.00 | 27.41 1.36 0.00 | 29.57 1.16 0.00 | 29.76 0.95 0.00 | 30.61 0.89 0.00 | 29.11 0.76 0.00 | 28.81 0.55 6.14 | 42.09 0.82 0.31 | 42.74 0.64 0.00 | 39.79 0.99 0.00 | 40.82 1.37 0.00 | 44.81 1.25 0.00 | 59.01 1.38 0.00 | 67.67 1.92 0.00 | 73.44 2.58 0.00 | 49.20 2.00 0.00 | 47.52 2.11 0.00 | 42.10 1.23 0.00 | 31.20 0.93 0.00 | 38.42 1.30 0.00 |
| BOWLINE___1 23526 | 26.87 1.20 0.00 | 26.05 1.06 0.00 | 28.18 0.91 0.00 | 25.60 0.74 0.00 | 24.78 0.73 0.00 | 26.99 0.94 0.00 | 29.44 1.04 0.00 | 29.86 1.06 0.00 | 30.79 1.07 0.00 | 29.63 1.27 0.00 | 38.63 1.59 -2.65 | 43.58 1.88 -0.13 | 43.96 1.87 0.00 | 41.11 2.32 0.00 | 42.28 2.82 0.00 | 46.93 3.37 0.00 | 62.24 4.61 0.00 | 70.86 5.11 0.00 | 76.06 5.20 0.00 | 50.39 3.19 0.00 | 48.18 2.77 0.00 | 42.71 1.84 0.00 | 31.64 1.37 0.00 | 38.90 1.79 0.00 |
| BOWLINE___2 23595 | 26.89 1.21 0.00 | 26.05 1.07 0.00 | 28.18 0.90 0.00 | 25.60 0.74 0.00 | 24.78 0.72 0.00 | 26.99 0.94 0.00 | 29.46 1.05 0.00 | 29.88 1.08 0.00 | 30.82 1.09 0.00 | 29.65 1.30 0.00 | 38.67 1.62 -2.65 | 43.62 1.92 -0.13 | 44.01 1.91 0.00 | 41.15 2.36 0.00 | 42.31 2.86 0.00 | 46.98 3.41 0.00 | 62.30 4.67 0.00 | 70.92 5.18 0.00 | 76.12 5.25 0.00 | 50.43 3.23 0.00 | 48.22 2.82 0.00 | 42.75 1.88 0.00 | 31.66 1.40 0.00 | 38.94 1.82 0.00 |
| BRADY___115KV_TB2 356060 | 27.90 -0.20 -2.42 | 27.34 -0.08 -2.43 | 29.39 0.10 -2.02 | 27.63 0.13 -2.65 | 26.74 0.09 -2.60 | 28.50 -0.02 -2.47 | 29.22 0.04 -0.77 | 28.98 0.17 0.00 | 29.87 0.15 0.00 | 28.30 -0.05 0.00 | 34.27 -0.13 0.00 | 41.56 -0.01 0.00 | 42.00 -0.10 0.00 | 38.18 -0.62 0.00 | 37.80 -1.65 0.00 | 29.87 -1.96 11.74 | 54.75 -2.20 0.68 | 50.54 -2.48 12.72 | 13.81 -2.32 54.74 | 45.99 -1.21 0.00 | 44.37 -1.04 0.00 | 41.19 0.33 0.00 | 30.48 0.22 0.00 | 37.32 0.20 0.00 |
| BRANSCOMB___SOLAR 323811 | 27.21 1.54 0.00 | 26.44 1.46 0.00 | 28.80 1.53 0.00 | 26.24 1.39 0.00 | 25.44 1.38 0.00 | 27.73 1.68 0.00 | 30.16 1.75 0.00 | 30.45 1.64 0.00 | 31.33 1.60 0.00 | 29.74 1.39 0.00 | 32.49 1.46 3.36 | 43.35 1.95 0.17 | 43.90 1.80 0.00 | 40.73 1.94 0.00 | 41.63 2.18 0.00 | 46.18 2.61 0.00 | 60.97 3.34 0.00 | 69.96 4.21 0.00 | 75.90 5.04 0.00 | 50.62 3.43 0.00 | 48.75 3.34 0.00 | 43.32 2.45 0.00 | 32.05 1.78 0.00 | 39.32 2.20 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 27.56 1.89 0.00 | 26.79 1.80 0.00 | 28.77 1.50 0.00 | 26.16 1.31 0.00 | 25.31 1.26 0.00 | 27.67 1.62 0.00 | 30.25 1.84 0.00 | 30.76 1.95 0.00 | 31.69 1.96 0.00 | 30.42 2.07 0.00 | 39.78 2.54 -2.84 | 44.43 2.71 -0.14 | 44.98 2.88 0.00 | 60.81 3.58 -18.43 | 66.84 4.31 -23.08 | 245.22 4.79 -196.86 | 309.59 6.33 -245.63 | 249.74 7.16 -176.84 | 181.59 7.42 -103.30 | 267.36 4.71 -215.46 | 114.85 4.15 -65.29 | 73.12 3.08 -29.17 | 34.90 2.29 -2.34 | 97.45 3.07 -57.27 |

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| BRISTLHL_115KV_TB1 79998 | 25.44 -0.23 0.00 | 24.66 -0.32 0.00 | 26.79 -0.48 0.00 | 24.42 -0.44 0.00 | 23.69 -0.37 0.00 | 25.73 -0.32 0.00 | 28.16 -0.24 0.00 | 28.58 -0.22 0.00 | 29.47 -0.25 0.00 | 28.09 -0.26 0.00 | 34.12 -0.28 0.00 | 41.12 -0.45 0.00 | 41.65 -0.44 0.00 | 38.42 -0.38 0.00 | 39.11 -0.34 0.00 | 43.30 -0.27 0.00 | 57.24 -0.38 0.02 | 64.99 -0.43 0.33 | 68.92 -0.53 1.42 | 46.85 -0.34 0.00 | 45.12 -0.29 0.00 | 40.37 -0.50 0.00 | 29.90 -0.36 0.00 | 36.63 -0.49 0.00 |
| BROOKHAVEN___DRP 24191 | 27.22 1.55 0.00 | 26.41 1.42 0.00 | 28.33 1.06 0.00 | 25.77 0.92 0.00 | 24.91 0.86 0.00 | 27.24 1.19 0.00 | 29.75 1.35 0.00 | 30.25 1.45 0.00 | 31.20 1.47 0.00 | 30.01 1.66 0.00 | 39.19 1.94 -2.84 | 43.69 1.97 -0.14 | 44.31 2.21 0.00 | 59.66 3.12 -17.74 | 66.40 3.87 -23.08 | 244.88 4.45 -196.86 | 309.33 6.07 -245.63 | 263.22 7.10 -190.37 | 180.67 7.32 -102.50 | 267.05 4.39 -215.46 | 114.66 3.96 -65.29 | 72.82 2.78 -29.17 | 34.51 1.95 -2.31 | 96.88 2.58 -57.19 |
| BROOKLYN_NAVY_YARD 23515 | 27.25 1.57 0.00 | 26.40 1.41 0.00 | 28.53 1.26 0.00 | 25.91 1.06 0.00 | 25.07 1.02 0.00 | 27.34 1.29 0.00 | 29.84 1.44 0.00 | 30.31 1.51 0.00 | 31.34 1.62 0.00 | 30.17 1.82 0.00 | 39.53 2.28 -2.84 | 44.38 2.66 -0.14 | 44.64 2.55 0.00 | 41.77 2.97 0.00 | 43.01 3.56 0.00 | 47.72 4.16 0.00 | 63.34 5.71 0.00 | 72.08 6.34 0.00 | 77.32 6.46 0.00 | 51.19 3.99 0.00 | 48.96 3.55 0.00 | 43.41 2.54 0.00 | 32.17 1.91 0.00 | 39.55 2.43 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.70 4.13 0.00 | 63.37 5.73 0.00 | 71.92 6.18 0.00 | 77.09 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| BROOKVLE_69_KV_TB1 55790 | 27.63 1.96 0.00 | 26.79 1.80 0.00 | 28.84 1.56 0.00 | 26.21 1.36 0.00 | 25.37 1.32 0.00 | 27.71 1.66 0.00 | 30.30 1.90 0.00 | 30.78 1.97 0.00 | 31.72 2.00 0.00 | 30.52 2.17 0.00 | 40.04 2.79 -2.84 | 45.02 3.31 -0.14 | 45.59 3.50 0.00 | 92.45 4.08 -49.57 | 67.04 4.51 -23.08 | 245.70 5.27 -196.86 | 310.46 7.20 -245.63 | 254.08 7.95 -180.38 | 218.97 8.17 -139.94 | 267.82 5.17 -215.46 | 115.23 4.54 -65.29 | 73.32 3.28 -29.17 | 35.96 2.54 -3.15 | 99.37 3.30 -58.96 |
| BROOME_2_LFGE 323671 | 26.13 0.45 0.00 | 25.23 0.24 0.00 | 27.39 0.12 0.00 | 24.87 0.01 0.00 | 24.12 0.06 0.00 | 26.27 0.22 0.00 | 28.85 0.44 0.00 | 29.35 0.55 0.00 | 30.27 0.55 0.00 | 28.87 0.52 0.00 | 35.25 0.85 0.00 | 42.50 0.93 0.00 | 43.17 1.07 0.00 | 39.90 1.10 0.00 | 40.93 1.40 -0.08 | 51.38 1.61 -6.20 | 64.96 2.07 -5.25 | 67.95 1.95 -0.25 | 73.21 1.77 -0.58 | 48.34 1.15 0.00 | 46.53 1.13 0.00 | 41.48 0.61 0.00 | 30.70 0.44 0.00 | 37.53 0.41 0.00 |
| BROOME___LFGE 323600 | 26.13 0.45 0.00 | 25.23 0.24 0.00 | 27.39 0.12 0.00 | 24.87 0.01 0.00 | 24.12 0.06 0.00 | 26.27 0.22 0.00 | 28.85 0.44 0.00 | 29.35 0.55 0.00 | 30.27 0.55 0.00 | 28.87 0.52 0.00 | 35.25 0.85 0.00 | 42.50 0.93 0.00 | 43.17 1.07 0.00 | 39.90 1.10 0.00 | 40.93 1.40 -0.08 | 51.38 1.61 -6.20 | 64.96 2.07 -5.25 | 67.95 1.95 -0.25 | 73.21 1.77 -0.58 | 48.34 1.15 0.00 | 46.53 1.13 0.00 | 41.48 0.61 0.00 | 30.70 0.44 0.00 | 37.53 0.41 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 28.30 -1.04 -3.66 | 27.74 -0.91 -3.67 | 29.56 -0.77 -3.05 | 28.39 -0.46 -4.00 | 27.72 -0.26 -3.93 | 29.56 -0.22 -3.74 | 29.38 -0.18 -1.16 | 28.73 -0.07 0.00 | 29.65 -0.07 0.00 | 28.20 -0.15 0.00 | 34.13 -0.28 0.00 | 41.12 -0.45 0.00 | 41.33 -0.77 0.00 | 37.75 -1.05 0.00 | 37.59 -1.86 0.00 | 34.70 -2.05 6.82 | 54.78 -2.50 0.36 | 56.58 -2.53 6.63 | 39.99 -2.34 28.54 | 45.87 -1.33 0.00 | 44.72 -0.69 0.00 | 40.82 -0.05 0.00 | 30.19 -0.07 0.00 | 36.93 -0.19 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 27.55 1.87 0.00 | 26.67 1.68 0.00 | 28.80 1.53 0.00 | 26.16 1.30 0.00 | 25.32 1.26 0.00 | 27.62 1.57 0.00 | 30.16 1.76 0.00 | 30.64 1.84 0.00 | 31.69 1.97 0.00 | 30.52 2.17 0.00 | 39.96 2.71 -2.84 | 44.93 3.22 -0.14 | 45.28 3.18 0.00 | 42.36 3.56 0.00 | 43.63 4.18 0.00 | 48.43 4.86 0.00 | 64.30 6.66 0.00 | 73.13 7.39 0.00 | 78.44 7.57 0.00 | 51.94 4.74 0.00 | 49.67 4.26 0.00 | 44.02 3.15 0.00 | 32.61 2.35 0.00 | 40.08 2.96 0.00 |
| BURROWS___LYONSDAL 23803 | 26.43 -0.27 -1.02 | 25.77 -0.24 -1.02 | 27.96 -0.16 -0.85 | 26.07 0.10 -1.12 | 25.47 0.32 -1.10 | 27.61 0.52 -1.04 | 29.40 0.67 -0.32 | 29.52 0.71 0.00 | 30.46 0.74 0.00 | 29.07 0.72 0.00 | 35.22 0.82 0.00 | 42.39 0.82 0.00 | 42.72 0.62 0.00 | 39.31 0.52 0.00 | 39.80 0.34 0.00 | 42.63 0.48 1.42 | 58.27 0.73 0.10 | 64.91 1.02 1.85 | 64.25 1.34 7.96 | 48.19 0.99 0.00 | 46.79 1.38 0.00 | 41.88 1.01 0.00 | 30.94 0.68 0.00 | 37.86 0.75 0.00 |
| CAITHNESS_CC_1 323624 | 27.21 1.54 0.00 | 26.41 1.43 0.00 | 28.34 1.06 0.00 | 25.78 0.93 0.00 | 24.92 0.87 0.00 | 27.25 1.20 0.00 | 29.76 1.36 0.00 | 30.26 1.45 0.00 | 31.19 1.47 0.00 | 30.00 1.65 0.00 | 39.19 1.94 -2.84 | 43.67 1.96 -0.14 | 44.28 2.19 0.00 | 59.60 3.07 -17.73 | 66.32 3.79 -23.08 | 244.78 4.35 -196.86 | 309.17 5.91 -245.63 | 262.44 6.89 -189.81 | 180.44 7.10 -102.48 | 266.93 4.27 -215.46 | 114.53 3.83 -65.29 | 72.71 2.67 -29.17 | 34.46 1.89 -2.30 | 96.85 2.54 -57.19 |
| CALPINE BETH_PAGE_GT4 24209 | 27.46 1.79 0.00 | 26.64 1.65 0.00 | 28.66 1.38 0.00 | 26.05 1.19 0.00 | 25.20 1.15 0.00 | 27.54 1.49 0.00 | 30.12 1.71 0.00 | 30.58 1.77 0.00 | 31.53 1.81 0.00 | 30.30 1.95 0.00 | 39.67 2.43 -2.84 | 44.38 2.67 -0.14 | 44.76 2.67 0.00 | 69.60 3.37 -27.44 | 66.46 3.93 -23.08 | 245.06 4.63 -196.86 | 309.59 6.33 -245.63 | 250.62 7.01 -177.86 | 192.00 7.24 -113.89 | 267.22 4.57 -215.46 | 114.66 3.96 -65.29 | 72.86 2.83 -29.17 | 35.30 2.21 -2.83 | 98.34 2.93 -58.29 |
| CALPINE_BETH_PAGE_GT_4 323586 | 27.46 1.78 0.00 | 26.64 1.65 0.00 | 28.66 1.38 0.00 | 26.05 1.19 0.00 | 25.20 1.15 0.00 | 27.54 1.49 0.00 | 30.12 1.71 0.00 | 30.58 1.77 0.00 | 31.52 1.80 0.00 | 30.30 1.95 0.00 | 39.68 2.43 -2.84 | 44.38 2.66 -0.14 | 44.76 2.67 0.00 | 69.60 3.37 -27.44 | 66.44 3.91 -23.08 | 245.03 4.60 -196.86 | 309.58 6.32 -245.63 | 250.62 7.01 -177.86 | 191.97 7.22 -113.89 | 267.23 4.56 -215.46 | 114.66 3.96 -65.29 | 72.86 2.83 -29.17 | 35.30 2.20 -2.83 | 98.35 2.93 -58.29 |
| CALPINE_BP_GT1 23823 | 27.46 1.78 0.00 | 26.64 1.65 0.00 | 28.66 1.38 0.00 | 26.05 1.19 0.00 | 25.20 1.15 0.00 | 27.54 1.49 0.00 | 30.12 1.71 0.00 | 30.58 1.77 0.00 | 31.52 1.80 0.00 | 30.30 1.95 0.00 | 39.68 2.43 -2.84 | 44.38 2.66 -0.14 | 44.76 2.67 0.00 | 69.60 3.37 -27.44 | 66.44 3.91 -23.08 | 245.03 4.60 -196.86 | 309.58 6.32 -245.63 | 250.62 7.01 -177.86 | 191.97 7.22 -113.89 | 267.23 4.56 -215.46 | 114.66 3.96 -65.29 | 72.86 2.83 -29.17 | 35.30 2.20 -2.83 | 98.35 2.93 -58.29 |
| CALSPAN___DRP 24200 | 25.91 0.24 0.00 | 24.65 -0.34 0.00 | 26.58 -0.69 0.00 | 23.97 -0.88 0.00 | 23.36 -0.69 0.00 | 25.53 -0.52 0.00 | 28.55 0.14 0.00 | 29.22 0.41 0.00 | 30.19 0.47 0.00 | 28.42 0.07 0.00 | 35.16 0.76 0.00 | 41.96 0.39 0.00 | 43.16 1.07 0.00 | 39.30 0.50 0.00 | 40.67 0.39 -0.83 | 103.50 0.06 -59.87 | 106.80 0.06 -49.11 | 67.23 -0.92 -2.40 | 74.63 -1.76 -5.53 | 46.44 -0.75 0.00 | 45.12 -0.29 0.00 | 40.48 -0.39 0.00 | 29.98 -0.28 0.00 | 36.58 -0.54 0.00 |

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| CALVERTON___SOLAR 323806 | 27.26 1.59 0.00 | 26.44 1.45 0.00 | 28.35 1.07 0.00 | 25.79 0.93 0.00 | 24.92 0.87 0.00 | 27.24 1.19 0.00 | 29.77 1.36 0.00 | 30.27 1.47 0.00 | 31.22 1.50 0.00 | 30.06 1.71 0.00 | 39.23 1.98 -2.84 | 43.75 2.03 -0.14 | 44.39 2.30 0.00 | 59.75 3.21 -17.75 | 66.51 3.97 -23.08 | 245.01 4.58 -196.86 | 309.58 6.32 -245.63 | 263.76 7.42 -190.59 | 181.02 7.65 -102.50 | 267.26 4.60 -215.46 | 114.86 4.16 -65.29 | 73.01 2.98 -29.17 | 34.62 2.05 -2.31 | 96.98 2.67 -57.19 |
| CANDIGU_WT_PWR 323617 | 25.57 -0.10 0.00 | 24.55 -0.44 0.00 | 26.49 -0.78 0.00 | 23.97 -0.89 0.00 | 23.27 -0.78 0.00 | 25.49 -0.56 0.00 | 28.37 -0.04 0.00 | 29.06 0.25 0.00 | 30.05 0.32 0.00 | 28.54 0.18 0.00 | 35.10 0.70 0.00 | 42.17 0.60 0.00 | 43.11 1.02 0.00 | 39.66 0.87 0.00 | 40.85 1.10 -0.31 | 67.12 1.14 -22.41 | 78.63 1.42 -19.58 | 67.51 0.81 -0.96 | 73.35 0.29 -2.20 | 47.57 0.37 0.00 | 45.98 0.57 0.00 | 41.01 0.14 0.00 | 30.40 0.14 0.00 | 37.06 -0.05 0.00 |
| CARR STREET_E_SYR 24060 | 25.75 0.08 0.00 | 24.94 -0.05 0.00 | 27.09 -0.18 0.00 | 24.65 -0.21 0.00 | 23.92 -0.13 0.00 | 25.99 -0.07 0.00 | 28.49 0.08 0.00 | 28.93 0.13 0.00 | 29.86 0.14 0.00 | 28.46 0.11 0.00 | 34.56 0.16 0.00 | 41.63 0.05 0.00 | 42.22 0.12 0.00 | 38.96 0.16 0.00 | 39.76 0.31 0.00 | 43.93 0.37 0.00 | 57.98 0.36 0.01 | 65.67 0.19 0.27 | 69.76 0.04 1.14 | 47.22 0.02 0.00 | 45.48 0.07 0.00 | 40.66 -0.21 0.00 | 30.10 -0.16 0.00 | 36.92 -0.19 0.00 |
| CARTHAGE___PAPER 23857 | 26.59 -0.74 -1.66 | 25.96 -0.69 -1.66 | 28.08 -0.58 -1.38 | 26.55 -0.13 -1.82 | 26.08 0.24 -1.78 | 28.22 0.48 -1.69 | 29.57 0.64 -0.53 | 29.53 0.72 0.00 | 30.38 0.66 0.00 | 29.01 0.66 0.00 | 35.04 0.64 0.00 | 41.78 0.20 0.00 | 41.49 -0.60 0.00 | 37.91 -0.89 0.00 | 37.91 -1.54 0.00 | 39.12 -1.55 2.90 | 55.51 -1.97 0.16 | 61.16 -1.58 3.01 | 56.74 -1.18 12.95 | 46.77 -0.43 0.00 | 46.51 1.10 0.00 | 41.77 0.90 0.00 | 30.83 0.57 0.00 | 37.69 0.57 0.00 |
| CASSADAGA_WT_PWR 323784 | 25.47 -0.20 0.00 | 24.42 -0.57 0.00 | 26.27 -1.00 0.00 | 23.84 -1.02 0.00 | 23.36 -0.69 0.00 | 25.36 -0.69 0.00 | 28.39 -0.02 0.00 | 29.25 0.44 0.00 | 30.37 0.65 0.00 | 28.67 0.32 0.00 | 35.48 1.08 0.00 | 42.81 1.24 0.00 | 44.20 2.10 0.00 | 40.21 1.41 0.00 | 41.78 1.58 -0.75 | 99.83 1.43 -54.84 | 106.50 2.07 -46.79 | 69.37 1.33 -2.29 | 76.92 0.79 -5.27 | 47.67 0.47 0.00 | 46.28 0.88 0.00 | 41.37 0.50 0.00 | 30.69 0.42 0.00 | 37.40 0.28 0.00 |
| CE_DUNWOOD___DRP 24194 | 27.07 1.40 0.00 | 26.22 1.23 0.00 | 28.36 1.09 0.00 | 25.76 0.91 0.00 | 24.94 0.88 0.00 | 27.18 1.14 0.00 | 29.67 1.26 0.00 | 30.10 1.30 0.00 | 31.08 1.36 0.00 | 29.90 1.55 0.00 | 39.16 1.92 -2.84 | 43.98 2.27 -0.14 | 44.34 2.24 0.00 | 41.45 2.66 0.00 | 42.65 3.20 0.00 | 47.35 3.78 0.00 | 62.80 5.16 0.00 | 71.46 5.72 0.00 | 76.71 5.84 0.00 | 50.83 3.63 0.00 | 48.62 3.21 0.00 | 43.08 2.21 0.00 | 31.92 1.66 0.00 | 39.27 2.15 0.00 |
| CE_MILLWOOD___DRP 24193 | 27.01 1.34 0.00 | 26.17 1.18 0.00 | 28.31 1.04 0.00 | 25.72 0.86 0.00 | 24.89 0.84 0.00 | 27.13 1.08 0.00 | 29.61 1.20 0.00 | 30.03 1.23 0.00 | 31.01 1.29 0.00 | 29.82 1.47 0.00 | 39.04 1.82 -2.81 | 43.86 2.15 -0.14 | 44.24 2.15 0.00 | 41.36 2.56 0.00 | 42.53 3.08 0.00 | 47.22 3.65 0.00 | 62.63 4.99 0.00 | 71.27 5.53 0.00 | 76.53 5.66 0.00 | 50.71 3.51 0.00 | 48.50 3.09 0.00 | 42.99 2.12 0.00 | 31.86 1.59 0.00 | 39.17 2.05 0.00 |
| CE_NYC2_DRP 24202 | 27.31 1.63 0.00 | 26.45 1.47 0.00 | 28.57 1.30 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.39 1.34 0.00 | 29.90 1.49 0.00 | 30.37 1.57 0.00 | 31.40 1.68 0.00 | 30.23 1.88 0.00 | 39.58 2.33 -2.85 | 44.34 2.63 -0.14 | 44.58 2.49 0.00 | 41.67 2.87 0.00 | 42.89 3.43 0.00 | 47.60 4.04 0.00 | 63.18 5.54 0.00 | 71.82 6.08 0.00 | 77.03 6.16 0.00 | 51.00 3.81 0.00 | 48.75 3.34 0.00 | 43.24 2.37 0.00 | 32.09 1.82 0.00 | 39.59 2.48 0.00 |
| CE_NYC_DRP 24195 | 27.25 1.58 0.00 | 26.38 1.40 0.00 | 28.51 1.23 0.00 | 25.91 1.05 0.00 | 25.06 1.01 0.00 | 27.34 1.29 0.00 | 29.83 1.42 0.00 | 30.29 1.49 0.00 | 31.32 1.60 0.00 | 30.16 1.81 0.00 | 39.51 2.26 -2.84 | 44.37 2.65 -0.14 | 44.66 2.56 0.00 | 41.79 2.99 0.00 | 43.03 3.58 0.00 | 47.75 4.18 0.00 | 63.35 5.72 0.00 | 72.07 6.32 0.00 | 77.28 6.41 0.00 | 51.18 3.98 0.00 | 48.92 3.51 0.00 | 43.35 2.48 0.00 | 32.15 1.88 0.00 | 39.53 2.41 0.00 |
| CHAFFEE___LFGE 323603 | 26.10 0.42 0.00 | 24.83 -0.16 0.00 | 26.79 -0.48 0.00 | 24.16 -0.69 0.00 | 23.54 -0.52 0.00 | 25.75 -0.30 0.00 | 28.79 0.38 0.00 | 29.45 0.64 0.00 | 30.44 0.71 0.00 | 28.67 0.31 0.00 | 35.43 1.03 0.00 | 42.26 0.69 0.00 | 43.48 1.39 0.00 | 39.63 0.84 0.00 | 41.04 0.83 -0.76 | 98.74 0.62 -54.56 | 103.10 0.65 -44.81 | 67.64 -0.30 -2.19 | 74.79 -1.12 -5.04 | 46.86 -0.34 0.00 | 45.49 0.08 0.00 | 40.80 -0.07 0.00 | 30.20 -0.06 0.00 | 36.80 -0.32 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | -15.94 -1.32 40.29 | -16.56 -1.20 40.35 | -7.40 -1.13 33.54 | -20.16 -1.01 44.01 | -20.17 -1.02 43.20 | -16.24 -1.23 41.07 | 14.44 -1.18 12.78 | 28.05 -0.76 0.00 | 29.63 -0.09 0.00 | 28.34 -0.02 0.00 | 34.39 -0.01 0.00 | 41.90 0.33 0.00 | 42.07 -0.02 0.00 | 38.13 -0.66 0.00 | 37.95 -1.50 0.00 | 29.06 -1.87 12.63 | 55.20 -2.36 0.08 | 62.00 -2.25 1.49 | 62.51 -1.94 6.41 | 46.07 -1.13 0.00 | 44.57 -0.84 0.00 | 41.17 0.30 0.00 | 30.59 0.33 0.00 | 37.35 0.23 0.00 |
| CHATEAUG_WT_PWR 323614 | -13.38 -1.47 37.58 | -13.98 -1.33 37.64 | -5.30 -1.30 31.28 | -17.35 -1.16 41.05 | -17.38 -1.14 40.30 | -13.62 -1.37 38.30 | 15.20 -1.29 11.92 | 27.93 -0.87 0.00 | 29.55 -0.17 0.00 | 28.31 -0.04 0.00 | 34.36 -0.04 0.00 | 41.85 0.28 0.00 | 42.04 -0.06 0.00 | 38.12 -0.68 0.00 | 37.97 -1.48 0.00 | 28.84 -1.84 12.89 | 55.30 -2.31 0.03 | 62.87 -2.29 0.58 | 66.31 -2.04 2.52 | 45.98 -1.22 0.00 | 44.51 -0.90 0.00 | 41.11 0.24 0.00 | 30.51 0.25 0.00 | 37.26 0.14 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | -15.94 -1.32 40.29 | -16.56 -1.20 40.35 | -7.40 -1.13 33.54 | -20.16 -1.01 44.01 | -20.17 -1.02 43.20 | -16.24 -1.23 41.07 | 14.44 -1.18 12.78 | 28.05 -0.76 0.00 | 29.63 -0.09 0.00 | 28.34 -0.02 0.00 | 34.39 -0.01 0.00 | 41.90 0.33 0.00 | 42.07 -0.02 0.00 | 38.13 -0.66 0.00 | 37.95 -1.50 0.00 | 29.06 -1.87 12.63 | 55.20 -2.36 0.08 | 62.00 -2.25 1.49 | 62.51 -1.94 6.41 | 46.07 -1.13 0.00 | 44.57 -0.84 0.00 | 41.17 0.30 0.00 | 30.59 0.33 0.00 | 37.35 0.23 0.00 |
| CHAUTAUQUA___LFGE 323629 | 25.74 0.07 0.00 | 24.58 -0.41 0.00 | 26.48 -0.79 0.00 | 23.96 -0.90 0.00 | 23.39 -0.66 0.00 | 25.48 -0.57 0.00 | 28.50 0.09 0.00 | 29.26 0.46 0.00 | 30.29 0.57 0.00 | 28.57 0.21 0.00 | 35.33 0.93 0.00 | 42.50 0.93 0.00 | 43.74 1.65 0.00 | 39.87 1.07 0.00 | 41.50 1.24 -0.81 | 103.98 1.15 -59.26 | 110.13 1.59 -50.90 | 68.96 0.73 -2.49 | 76.64 0.05 -5.73 | 47.33 0.13 0.00 | 45.93 0.52 0.00 | 41.06 0.19 0.00 | 30.42 0.16 0.00 | 37.07 -0.05 0.00 |
| CHERRYST_13_KV_LD 356241 | 27.33 1.66 0.00 | 26.46 1.48 0.00 | 28.59 1.32 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.42 1.37 0.00 | 29.94 1.53 0.00 | 30.43 1.62 0.00 | 31.46 1.74 0.00 | 30.31 1.96 0.00 | 39.69 2.45 -2.84 | 44.59 2.88 -0.14 | 44.90 2.81 0.00 | 42.02 3.22 0.00 | 43.27 3.82 0.00 | 48.02 4.45 0.00 | 63.71 6.08 0.00 | 72.46 6.71 0.00 | 77.64 6.78 0.00 | 51.40 4.20 0.00 | 49.13 3.72 0.00 | 43.53 2.66 0.00 | 32.27 2.01 0.00 | 39.67 2.56 0.00 |

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| CHESTROR_138KV_BK263 355645 | 26.77 1.10 0.00 | 25.94 0.96 0.00 | 28.10 0.82 0.00 | 25.54 0.68 0.00 | 24.72 0.67 0.00 | 26.92 0.87 0.00 | 29.38 0.98 0.00 | 29.80 1.00 0.00 | 30.73 1.02 0.00 | 29.53 1.18 0.00 | 38.23 1.45 -2.38 | 43.43 1.74 -0.12 | 43.84 1.75 0.00 | 40.91 2.11 0.00 | 42.04 2.59 0.00 | 46.66 3.09 0.00 | 61.86 4.23 0.00 | 70.47 4.72 0.00 | 75.73 4.87 0.00 | 50.21 3.02 0.00 | 48.08 2.68 0.00 | 42.65 1.78 0.00 | 31.58 1.32 0.00 | 38.80 1.68 0.00 |
| CH_MIDHUDSON___DRP 24192 | 26.94 1.27 0.00 | 26.11 1.12 0.00 | 28.28 1.01 0.00 | 25.72 0.86 0.00 | 24.90 0.84 0.00 | 27.13 1.08 0.00 | 29.60 1.19 0.00 | 30.00 1.19 0.00 | 30.97 1.25 0.00 | 29.74 1.39 0.00 | 38.82 1.71 -2.71 | 43.77 2.06 -0.14 | 44.17 2.08 0.00 | 41.28 2.48 0.00 | 42.42 2.97 0.00 | 47.11 3.54 0.00 | 62.44 4.81 0.00 | 71.14 5.39 0.00 | 76.46 5.59 0.00 | 50.71 3.51 0.00 | 48.55 3.14 0.00 | 43.02 2.15 0.00 | 31.84 1.57 0.00 | 39.11 1.99 0.00 |
| CH_MISC_IPPS 23765 | 27.14 1.47 0.00 | 26.28 1.29 0.00 | 28.46 1.18 0.00 | 25.87 1.01 0.00 | 25.05 0.99 0.00 | 27.30 1.25 0.00 | 29.80 1.40 0.00 | 30.23 1.43 0.00 | 31.21 1.49 0.00 | 29.99 1.64 0.00 | 39.05 2.04 -2.61 | 44.17 2.47 -0.13 | 44.60 2.50 0.00 | 41.67 2.88 0.00 | 42.85 3.40 0.00 | 47.63 4.06 0.00 | 63.17 5.54 0.00 | 71.96 6.22 0.00 | 77.30 6.44 0.00 | 51.24 4.05 0.00 | 49.04 3.63 0.00 | 43.43 2.56 0.00 | 32.12 1.86 0.00 | 39.45 2.33 0.00 |
| CH_RES_BVR_FALLS 23983 | 24.96 -0.72 0.00 | 24.44 -0.55 0.00 | 26.81 -0.46 0.00 | 24.52 -0.34 0.00 | 23.81 -0.24 0.00 | 25.79 -0.26 0.00 | 28.13 -0.27 0.00 | 28.57 -0.24 0.00 | 29.50 -0.22 0.00 | 28.12 -0.23 0.00 | 34.12 -0.28 0.00 | 41.34 -0.23 0.00 | 41.86 -0.24 0.00 | 38.36 -0.43 0.00 | 38.74 -0.71 0.00 | 23.24 -0.84 19.49 | 56.66 -1.00 -0.03 | 65.11 -1.10 -0.46 | 71.76 -1.08 -1.98 | 46.51 -0.69 0.00 | 44.70 -0.71 0.00 | 40.54 -0.33 0.00 | 30.01 -0.25 0.00 | 36.83 -0.29 0.00 |
| CH_RES_NIAGARA 23895 | 25.06 -0.62 0.00 | 23.83 -1.16 0.00 | 25.75 -1.53 0.00 | 23.22 -1.63 0.00 | 22.60 -1.45 0.00 | 24.69 -1.36 0.00 | 27.60 -0.80 0.00 | 28.20 -0.61 0.00 | 29.09 -0.63 0.00 | 27.30 -1.05 0.00 | 33.79 -0.61 0.00 | 40.10 -1.47 0.00 | 41.29 -0.80 0.00 | 37.43 -1.37 0.00 | 38.39 -1.69 -0.62 | 70.57 -2.28 -29.29 | 45.67 -3.05 8.91 | 60.90 -4.41 0.44 | 64.40 -5.45 1.00 | 44.16 -3.04 0.00 | 43.00 -2.41 0.00 | 38.82 -2.05 0.00 | 28.80 -1.46 0.00 | 35.22 -1.90 0.00 |
| CH_RES_SYRACUSE 23985 | 25.82 0.15 0.00 | 25.02 0.04 0.00 | 27.17 -0.10 0.00 | 24.75 -0.10 0.00 | 24.01 -0.04 0.00 | 26.08 0.03 0.00 | 28.58 0.17 0.00 | 29.01 0.20 0.00 | 29.92 0.20 0.00 | 28.52 0.16 0.00 | 34.57 0.17 0.00 | 41.66 0.09 0.00 | 42.17 0.07 0.00 | 38.84 0.04 0.00 | 39.60 0.15 0.00 | 43.74 0.17 0.00 | 57.89 0.26 0.01 | 65.89 0.38 0.24 | 70.04 0.20 1.02 | 47.39 0.19 0.00 | 45.64 0.23 0.00 | 40.83 -0.04 0.00 | 30.30 0.04 0.00 | 37.17 0.06 0.00 |
| CLINTON_WT_PWR 323605 | -13.38 -1.47 37.58 | -13.98 -1.33 37.64 | -5.30 -1.30 31.28 | -17.35 -1.16 41.05 | -17.38 -1.14 40.30 | -13.62 -1.37 38.30 | 15.20 -1.29 11.92 | 27.93 -0.87 0.00 | 29.55 -0.17 0.00 | 28.31 -0.04 0.00 | 34.36 -0.04 0.00 | 41.85 0.28 0.00 | 42.04 -0.06 0.00 | 38.12 -0.68 0.00 | 37.97 -1.48 0.00 | 28.84 -1.84 12.89 | 55.30 -2.31 0.03 | 62.87 -2.29 0.58 | 66.31 -2.04 2.52 | 45.98 -1.22 0.00 | 44.51 -0.90 0.00 | 41.11 0.24 0.00 | 30.51 0.25 0.00 | 37.26 0.14 0.00 |
| CLINTON___LFGE 323618 | -13.65 -0.73 38.59 | -14.36 -0.70 38.65 | -5.46 -0.62 32.12 | -17.80 -0.51 42.15 | -17.89 -0.57 41.38 | -13.87 -0.59 39.33 | 15.60 -0.56 12.24 | 28.63 -0.18 0.00 | 30.31 0.59 0.00 | 29.03 0.68 0.00 | 35.23 0.83 0.00 | 42.80 1.23 0.00 | 42.47 0.38 0.00 | 38.30 -0.49 0.00 | 37.90 -1.55 0.00 | 28.73 -2.04 12.79 | 55.00 -2.58 0.05 | 62.41 -2.41 0.92 | 64.97 -1.93 3.96 | 46.16 -1.04 0.00 | 44.96 -0.45 0.00 | 41.97 1.11 0.00 | 31.36 1.10 0.00 | 38.13 1.01 0.00 |
| COBBLENY_34_KV_TB1 80064 | 26.10 0.43 0.00 | 24.83 -0.16 0.00 | 26.79 -0.48 0.00 | 24.17 -0.69 0.00 | 23.54 -0.52 0.00 | 25.75 -0.30 0.00 | 28.79 0.38 0.00 | 29.45 0.64 0.00 | 30.44 0.71 0.00 | 28.66 0.31 0.00 | 35.44 1.04 0.00 | 42.26 0.69 0.00 | 43.48 1.39 0.00 | 39.63 0.84 0.00 | 40.95 0.74 -0.76 | 98.58 0.45 -54.56 | 103.04 0.59 -44.81 | 67.60 -0.33 -2.19 | 74.78 -1.13 -5.04 | 46.84 -0.35 0.00 | 45.49 0.08 0.00 | 40.80 -0.07 0.00 | 30.19 -0.07 0.00 | 36.81 -0.31 0.00 |
| COFFEEN___115KV_TB3 355620 | 26.44 -0.61 -1.38 | 25.74 -0.63 -1.38 | 27.88 -0.54 -1.15 | 26.29 -0.08 -1.51 | 25.84 0.30 -1.48 | 28.02 0.57 -1.41 | 29.59 0.75 -0.44 | 29.63 0.83 0.00 | 30.47 0.75 0.00 | 29.12 0.76 0.00 | 35.24 0.84 0.00 | 42.12 0.55 0.00 | 42.04 -0.06 0.00 | 38.62 -0.18 0.00 | 38.62 -0.83 0.00 | 40.47 -0.71 2.39 | 56.66 -0.84 0.13 | 63.17 -0.07 2.50 | 60.66 0.56 10.77 | 47.83 0.63 0.00 | 46.99 1.58 0.00 | 41.98 1.11 0.00 | 30.96 0.69 0.00 | 37.79 0.67 0.00 |
| COLDSPRG_115KV_BK1 355956 | 26.22 0.54 0.00 | 25.11 0.12 0.00 | 27.01 -0.26 0.00 | 24.43 -0.43 0.00 | 23.84 -0.21 0.00 | 26.01 -0.04 0.00 | 29.08 0.68 0.00 | 29.89 1.08 0.00 | 30.88 1.16 0.00 | 29.14 0.78 0.00 | 36.06 1.66 0.00 | 43.29 1.72 0.00 | 44.43 2.34 0.00 | 40.51 1.71 0.00 | 41.90 1.79 -0.66 | 93.09 1.67 -47.86 | 100.41 2.48 -40.29 | 69.44 1.72 -1.97 | 76.64 1.24 -4.53 | 48.06 0.86 0.00 | 46.56 1.15 0.00 | 41.62 0.75 0.00 | 30.94 0.68 0.00 | 37.63 0.51 0.00 |
| COLONIE_LFGE___ 323577 | 26.61 0.93 0.00 | 25.89 0.90 0.00 | 28.23 0.95 0.00 | 25.72 0.86 0.00 | 24.91 0.86 0.00 | 27.11 1.06 0.00 | 29.39 0.98 0.00 | 29.66 0.85 0.00 | 30.55 0.83 0.00 | 29.10 0.75 0.00 | 31.33 0.72 3.79 | 42.35 0.97 0.19 | 42.95 0.85 0.00 | 39.91 1.12 0.00 | 40.88 1.43 0.00 | 45.14 1.57 0.00 | 59.53 1.90 0.00 | 68.15 2.40 0.00 | 73.73 2.86 0.00 | 49.18 1.99 0.00 | 47.35 1.94 0.00 | 42.09 1.22 0.00 | 31.17 0.91 0.00 | 38.29 1.18 0.00 |
| COOPERNY_115KV_TB1 80082 | 26.47 0.79 0.00 | 25.67 0.68 0.00 | 27.86 0.59 0.00 | 25.33 0.47 0.00 | 24.52 0.46 0.00 | 26.68 0.63 0.00 | 29.11 0.71 0.00 | 29.52 0.72 0.00 | 30.44 0.72 0.00 | 29.20 0.84 0.00 | 36.92 1.05 -1.47 | 42.91 1.26 -0.07 | 43.39 1.30 0.00 | 40.37 1.57 0.00 | 41.38 1.93 0.00 | 45.86 2.30 0.00 | 60.77 3.13 0.00 | 69.19 3.45 0.00 | 74.38 3.52 0.00 | 49.40 2.20 0.00 | 47.36 1.95 0.00 | 42.15 1.28 0.00 | 31.20 0.94 0.00 | 38.31 1.19 0.00 |
| COPENHAGEN_WT_PWR 323753 | 25.86 -1.13 -1.31 | 25.21 -1.09 -1.31 | 27.37 -0.99 -1.09 | 25.88 -0.41 -1.43 | 25.48 0.03 -1.40 | 27.65 0.27 -1.33 | 29.19 0.37 -0.41 | 29.26 0.46 0.00 | 30.10 0.38 0.00 | 28.81 0.46 0.00 | 34.87 0.47 0.00 | 41.75 0.18 0.00 | 41.74 -0.35 0.00 | 38.35 -0.45 0.00 | 38.48 -0.97 0.00 | 40.41 -0.90 2.26 | 56.29 -1.22 0.13 | 62.63 -0.75 2.37 | 60.41 -0.27 10.18 | 47.21 0.02 0.00 | 46.40 0.99 0.00 | 41.40 0.54 0.00 | 30.58 0.31 0.00 | 37.42 0.30 0.00 |
| CORNELL_____ 23752 | 26.43 0.76 0.00 | 25.53 0.54 0.00 | 27.74 0.47 0.00 | 25.19 0.33 0.00 | 24.44 0.39 0.00 | 26.62 0.56 0.00 | 29.24 0.83 0.00 | 29.70 0.89 0.00 | 30.72 1.00 0.00 | 29.33 0.98 0.00 | 35.72 1.32 0.00 | 42.82 1.25 0.00 | 43.44 1.35 0.00 | 40.16 1.37 0.00 | 41.10 1.56 -0.08 | 51.60 1.79 -6.25 | 65.42 2.52 -5.27 | 68.80 2.80 -0.25 | 74.61 3.17 -0.57 | 49.46 2.26 0.00 | 47.60 2.20 0.00 | 42.43 1.56 0.00 | 31.34 1.07 0.00 | 38.23 1.12 0.00 |

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| CORONA__69_KV_TB1 355595 | 27.55 1.88 0.00 | 26.71 1.72 0.00 | 28.76 1.49 0.00 | 26.14 1.28 0.00 | 25.30 1.24 0.00 | 27.63 1.58 0.00 | 30.19 1.78 0.00 | 30.62 1.82 0.00 | 31.59 1.86 0.00 | 30.38 2.03 0.00 | 39.83 2.59 -2.84 | 44.62 2.90 -0.14 | 45.15 3.05 0.00 | 73.73 3.62 -31.32 | 66.69 4.16 -23.08 | 245.32 4.89 -196.86 | 309.93 6.67 -245.63 | 251.47 7.41 -178.31 | 196.98 7.64 -118.47 | 267.50 4.84 -215.46 | 114.96 4.27 -65.29 | 73.13 3.09 -29.17 | 38.00 2.33 -5.40 | 103.87 3.08 -63.67 |
| CORTLAND__115KV_TB3 80093 | 26.20 0.52 0.00 | 25.34 0.35 0.00 | 27.53 0.26 0.00 | 25.03 0.18 0.00 | 24.29 0.23 0.00 | 26.42 0.37 0.00 | 29.00 0.60 0.00 | 29.47 0.66 0.00 | 30.44 0.72 0.00 | 29.05 0.69 0.00 | 35.36 0.96 0.00 | 42.54 0.96 0.00 | 43.15 1.06 0.00 | 39.89 1.10 0.00 | 40.77 1.28 -0.04 | 47.86 1.46 -2.83 | 61.92 1.94 -2.35 | 67.66 2.03 0.11 | 72.29 2.12 0.70 | 48.65 1.45 0.00 | 46.83 1.43 0.00 | 41.78 0.91 0.00 | 30.88 0.61 0.00 | 37.75 0.63 0.00 |
| COXSACKIE__GT 23611 | 27.14 1.46 0.00 | 26.38 1.40 0.00 | 28.82 1.55 0.00 | 26.28 1.42 0.00 | 25.44 1.38 0.00 | 27.71 1.66 0.00 | 30.19 1.78 0.00 | 30.52 1.72 0.00 | 31.45 1.73 0.00 | 30.08 1.73 0.00 | 35.29 1.86 0.97 | 43.33 1.81 0.05 | 44.08 1.98 0.00 | 40.49 1.69 0.00 | 41.73 2.28 0.00 | 46.12 2.55 0.00 | 60.81 3.18 0.00 | 70.61 4.86 0.00 | 77.12 6.26 0.00 | 51.51 4.31 0.00 | 49.47 4.06 0.00 | 43.89 3.02 0.00 | 32.37 2.11 0.00 | 39.49 2.38 0.00 |
| CPV_VALLEY__CC1 323721 | 26.56 0.89 0.00 | 25.76 0.77 0.00 | 27.91 0.63 0.00 | 25.37 0.51 0.00 | 24.56 0.50 0.00 | 26.73 0.68 0.00 | 29.17 0.76 0.00 | 29.58 0.78 0.00 | 30.50 0.78 0.00 | 29.30 0.94 0.00 | 37.62 1.17 -2.05 | 43.05 1.38 -0.10 | 43.47 1.38 0.00 | 40.55 1.75 0.00 | 41.63 2.18 0.00 | 46.16 2.60 0.00 | 61.21 3.57 0.00 | 69.70 3.96 0.00 | 74.89 4.03 0.00 | 49.69 2.49 0.00 | 47.58 2.17 0.00 | 42.25 1.38 0.00 | 31.29 1.03 0.00 | 38.46 1.34 0.00 |
| CPV_VALLEY__CC2 323722 | 26.56 0.89 0.00 | 25.76 0.77 0.00 | 27.91 0.63 0.00 | 25.37 0.51 0.00 | 24.56 0.50 0.00 | 26.73 0.68 0.00 | 29.17 0.76 0.00 | 29.58 0.78 0.00 | 30.50 0.78 0.00 | 29.30 0.94 0.00 | 37.62 1.17 -2.05 | 43.05 1.38 -0.10 | 43.47 1.38 0.00 | 40.55 1.75 0.00 | 41.63 2.18 0.00 | 46.16 2.60 0.00 | 61.21 3.57 0.00 | 69.70 3.96 0.00 | 74.89 4.03 0.00 | 49.69 2.49 0.00 | 47.58 2.17 0.00 | 42.25 1.38 0.00 | 31.29 1.03 0.00 | 38.46 1.34 0.00 |
| CRESCENT__HYD 24018 | 26.61 0.93 0.00 | 25.89 0.90 0.00 | 28.23 0.95 0.00 | 25.72 0.86 0.00 | 24.91 0.86 0.00 | 27.11 1.06 0.00 | 29.39 0.98 0.00 | 29.66 0.85 0.00 | 30.55 0.83 0.00 | 29.10 0.75 0.00 | 31.33 0.72 3.79 | 42.35 0.97 0.19 | 42.95 0.85 0.00 | 39.91 1.12 0.00 | 40.88 1.43 0.00 | 45.14 1.57 0.00 | 59.53 1.90 0.00 | 68.15 2.40 0.00 | 73.73 2.86 0.00 | 49.18 1.99 0.00 | 47.35 1.94 0.00 | 42.09 1.22 0.00 | 31.17 0.91 0.00 | 38.29 1.18 0.00 |
| CRICKET__VALLEY_CC1 323756 | 26.58 0.90 0.00 | 25.75 0.76 0.00 | 27.92 0.65 0.00 | 25.42 0.56 0.00 | 24.62 0.56 0.00 | 26.84 0.79 0.00 | 29.23 0.82 0.00 | 29.56 0.75 0.00 | 30.48 0.76 0.00 | 29.22 0.87 0.00 | -3.12 0.98 38.49 | 40.81 1.18 1.95 | 43.26 1.17 0.00 | 40.46 1.66 0.00 | 41.56 2.11 0.00 | 46.12 2.55 0.00 | 61.11 3.47 0.00 | 69.67 3.92 0.00 | 75.03 4.16 0.00 | 49.83 2.64 0.00 | 47.75 2.34 0.00 | 42.27 1.40 0.00 | 31.33 1.06 0.00 | 38.53 1.41 0.00 |
| CRICKET__VALLEY_CC2 323757 | 26.58 0.90 0.00 | 25.75 0.76 0.00 | 27.92 0.65 0.00 | 25.42 0.56 0.00 | 24.62 0.56 0.00 | 26.84 0.79 0.00 | 29.23 0.82 0.00 | 29.56 0.75 0.00 | 30.48 0.76 0.00 | 29.22 0.87 0.00 | -3.12 0.98 38.49 | 40.81 1.18 1.95 | 43.26 1.17 0.00 | 40.46 1.66 0.00 | 41.56 2.11 0.00 | 46.12 2.55 0.00 | 61.11 3.47 0.00 | 69.67 3.92 0.00 | 75.03 4.16 0.00 | 49.83 2.64 0.00 | 47.75 2.34 0.00 | 42.27 1.40 0.00 | 31.33 1.06 0.00 | 38.53 1.41 0.00 |
| CRICKET__VALLEY_CC3 323758 | 26.58 0.90 0.00 | 25.75 0.76 0.00 | 27.92 0.65 0.00 | 25.42 0.56 0.00 | 24.62 0.56 0.00 | 26.84 0.79 0.00 | 29.23 0.82 0.00 | 29.56 0.75 0.00 | 30.48 0.76 0.00 | 29.22 0.87 0.00 | -3.12 0.98 38.49 | 40.81 1.18 1.95 | 43.26 1.17 0.00 | 40.46 1.66 0.00 | 41.56 2.11 0.00 | 46.12 2.55 0.00 | 61.11 3.47 0.00 | 69.67 3.92 0.00 | 75.03 4.16 0.00 | 49.83 2.64 0.00 | 47.75 2.34 0.00 | 42.27 1.40 0.00 | 31.33 1.06 0.00 | 38.53 1.41 0.00 |
| CRUCIBLE_METL_DRP 24180 | 25.82 0.15 0.00 | 25.02 0.04 0.00 | 27.17 -0.10 0.00 | 24.75 -0.11 0.00 | 24.01 -0.04 0.00 | 26.08 0.03 0.00 | 28.58 0.17 0.00 | 29.01 0.20 0.00 | 29.92 0.20 0.00 | 28.51 0.16 0.00 | 34.57 0.17 0.00 | 41.66 0.09 0.00 | 42.16 0.07 0.00 | 38.84 0.04 0.00 | 39.59 0.14 0.00 | 43.72 0.16 0.00 | 57.88 0.26 0.01 | 65.88 0.37 0.24 | 70.04 0.20 1.02 | 47.39 0.19 0.00 | 45.64 0.23 0.00 | 40.83 -0.04 0.00 | 30.30 0.04 0.00 | 37.17 0.06 0.00 |
| DAHOWA__HYDRO 323763 | 27.37 1.70 0.00 | 26.59 1.60 0.00 | 28.95 1.68 0.00 | 26.38 1.52 0.00 | 25.58 1.53 0.00 | 27.91 1.86 0.00 | 30.36 1.96 0.00 | 30.66 1.85 0.00 | 31.53 1.81 0.00 | 29.94 1.59 0.00 | 32.82 1.67 3.25 | 43.66 2.26 0.16 | 44.20 2.11 0.00 | 41.01 2.21 0.00 | 41.91 2.46 0.00 | 46.50 2.93 0.00 | 61.35 3.72 0.00 | 70.42 4.67 0.00 | 76.51 5.65 0.00 | 51.03 3.83 0.00 | 49.15 3.74 0.00 | 43.65 2.78 0.00 | 32.29 2.03 0.00 | 39.61 2.49 0.00 |
| DANC__LFGE 323619 | 25.83 -0.74 -0.90 | 25.12 -0.77 -0.90 | 27.25 -0.77 -0.75 | 25.43 -0.41 -0.98 | 24.90 -0.12 -0.96 | 26.99 0.02 -0.91 | 28.78 0.09 -0.28 | 28.96 0.15 0.00 | 29.81 0.09 0.00 | 28.49 0.14 0.00 | 34.55 0.15 0.00 | 41.48 -0.09 0.00 | 41.66 -0.43 0.00 | 38.35 -0.45 0.00 | 38.72 -0.73 0.00 | 41.34 -0.71 1.52 | 56.54 -1.01 0.09 | 63.37 -0.75 1.62 | 63.38 -0.49 6.99 | 47.01 -0.19 0.00 | 45.88 0.47 0.00 | 41.00 0.13 0.00 | 30.32 0.06 0.00 | 37.11 -0.01 0.00 |
| DANSKAMMER__1 23586 | 27.14 1.47 0.00 | 26.28 1.29 0.00 | 28.46 1.18 0.00 | 25.87 1.01 0.00 | 25.05 0.99 0.00 | 27.30 1.25 0.00 | 29.80 1.40 0.00 | 30.23 1.43 0.00 | 31.21 1.49 0.00 | 29.99 1.64 0.00 | 39.05 2.04 -2.61 | 44.17 2.47 -0.13 | 44.60 2.50 0.00 | 41.67 2.88 0.00 | 42.85 3.40 0.00 | 47.63 4.06 0.00 | 63.17 5.54 0.00 | 71.96 6.22 0.00 | 77.30 6.44 0.00 | 51.24 4.05 0.00 | 49.04 3.63 0.00 | 43.43 2.56 0.00 | 32.12 1.86 0.00 | 39.45 2.33 0.00 |
| DANSKAMMER__2 23589 | 27.14 1.47 0.00 | 26.28 1.29 0.00 | 28.46 1.18 0.00 | 25.87 1.01 0.00 | 25.05 0.99 0.00 | 27.30 1.25 0.00 | 29.80 1.40 0.00 | 30.23 1.43 0.00 | 31.21 1.49 0.00 | 29.99 1.64 0.00 | 39.05 2.04 -2.61 | 44.17 2.47 -0.13 | 44.60 2.50 0.00 | 41.67 2.88 0.00 | 42.85 3.40 0.00 | 47.63 4.06 0.00 | 63.17 5.54 0.00 | 71.96 6.22 0.00 | 77.30 6.44 0.00 | 51.24 4.05 0.00 | 49.04 3.63 0.00 | 43.43 2.56 0.00 | 32.12 1.86 0.00 | 39.45 2.33 0.00 |
| DANSKAMMER__3 23590 | 27.14 1.47 0.00 | 26.28 1.29 0.00 | 28.46 1.18 0.00 | 25.87 1.01 0.00 | 25.05 0.99 0.00 | 27.30 1.25 0.00 | 29.80 1.40 0.00 | 30.23 1.43 0.00 | 31.21 1.49 0.00 | 29.99 1.64 0.00 | 39.05 2.04 -2.61 | 44.17 2.47 -0.13 | 44.60 2.50 0.00 | 41.67 2.88 0.00 | 42.85 3.40 0.00 | 47.63 4.06 0.00 | 63.17 5.54 0.00 | 71.96 6.22 0.00 | 77.30 6.44 0.00 | 51.24 4.05 0.00 | 49.04 3.63 0.00 | 43.43 2.56 0.00 | 32.12 1.86 0.00 | 39.45 2.33 0.00 |

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|--|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| DANSKAMMER___4 23591 | 27.14 1.47 0.00 | 26.28 1.29 0.00 | 28.46 1.18 0.00 | 25.87 1.01 0.00 | 25.05 0.99 0.00 | 27.30 1.25 0.00 | 29.80 1.40 0.00 | 30.23 1.43 0.00 | 31.21 1.49 0.00 | 29.99 1.64 0.00 | 39.05 2.04 -2.61 | 44.17 2.47 -0.13 | 44.60 2.50 0.00 | 41.67 2.88 0.00 | 42.85 3.40 0.00 | 47.63 4.06 0.00 | 63.17 5.54 0.00 | 71.96 6.22 0.00 | 77.30 6.44 0.00 | 51.24 4.05 0.00 | 49.04 3.63 0.00 | 43.43 2.56 0.00 | 32.12 1.86 0.00 | 39.45 2.33 0.00 |
| DANSKAMMER___DIESEL 23592 | 27.14 1.47 0.00 | 26.28 1.30 0.00 | 28.46 1.19 0.00 | 25.87 1.01 0.00 | 25.05 0.99 0.00 | 27.30 1.25 0.00 | 29.80 1.40 0.00 | 30.23 1.43 0.00 | 31.21 1.49 0.00 | 29.99 1.64 0.00 | 39.04 2.03 -2.61 | 44.18 2.47 -0.13 | 44.60 2.50 0.00 | 41.67 2.88 0.00 | 42.86 3.41 0.00 | 47.64 4.07 0.00 | 63.18 5.55 0.00 | 71.96 6.22 0.00 | 77.30 6.44 0.00 | 51.24 4.05 0.00 | 49.04 3.63 0.00 | 43.42 2.55 0.00 | 32.12 1.86 0.00 | 39.43 2.32 0.00 |
| DARBY___SOLAR 323810 | 27.24 1.57 0.00 | 26.47 1.48 0.00 | 28.82 1.55 0.00 | 26.27 1.41 0.00 | 25.46 1.41 0.00 | 27.77 1.71 0.00 | 30.19 1.79 0.00 | 30.48 1.68 0.00 | 31.36 1.64 0.00 | 29.78 1.43 0.00 | 32.54 1.50 3.36 | 43.42 2.01 0.17 | 43.97 1.87 0.00 | 40.78 1.98 0.00 | 41.68 2.23 0.00 | 46.25 2.69 0.00 | 61.06 3.43 0.00 | 70.03 4.29 0.00 | 76.04 5.17 0.00 | 50.70 3.50 0.00 | 48.82 3.42 0.00 | 43.38 2.51 0.00 | 32.09 1.83 0.00 | 39.38 2.27 0.00 |
| DASHVILLE___HYD 23610 | 26.63 0.96 0.00 | 25.80 0.81 0.00 | 27.94 0.67 0.00 | 25.40 0.54 0.00 | 24.58 0.52 0.00 | 26.78 0.73 0.00 | 29.23 0.82 0.00 | 29.63 0.82 0.00 | 30.58 0.87 0.00 | 29.44 1.08 0.00 | 37.25 1.46 -1.40 | 43.36 1.72 -0.07 | 43.76 1.66 0.00 | 40.99 2.19 0.00 | 42.13 2.68 0.00 | 46.85 3.29 0.00 | 62.20 4.57 0.00 | 70.82 5.08 0.00 | 76.03 5.17 0.00 | 50.38 3.18 0.00 | 48.18 2.77 0.00 | 42.69 1.82 0.00 | 31.60 1.34 0.00 | 38.83 1.72 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 27.68 2.01 0.00 | 26.73 1.74 0.00 | 28.59 1.32 0.00 | 26.00 1.14 0.00 | 25.06 1.01 0.00 | 27.38 1.33 0.00 | 29.94 1.53 0.00 | 30.48 1.67 0.00 | 31.52 1.80 0.00 | 30.46 2.11 0.00 | 39.69 2.45 -2.84 | 44.34 2.62 -0.14 | 45.08 2.99 0.00 | 60.37 3.81 -17.76 | 67.15 4.62 -23.08 | 245.86 5.43 -196.86 | 311.13 7.86 -245.63 | 265.94 9.26 -190.93 | 182.86 9.48 -102.52 | 268.50 5.84 -215.46 | 116.03 5.33 -65.29 | 74.14 4.11 -29.17 | 35.22 2.64 -2.31 | 97.43 3.12 -57.19 |
| DELAWARE___LFGE 323621 | 26.43 0.75 0.00 | 25.62 0.63 0.00 | 27.96 0.69 0.00 | 25.43 0.57 0.00 | 24.63 0.57 0.00 | 26.79 0.74 0.00 | 29.23 0.83 0.00 | 29.68 0.87 0.00 | 30.64 0.92 0.00 | 29.32 0.97 0.00 | 35.66 1.26 0.00 | 43.01 1.44 0.00 | 43.60 1.51 0.00 | 40.37 1.83 0.00 | 41.32 1.83 -0.04 | 48.44 2.06 -2.81 | 62.71 2.70 -2.38 | 68.78 2.92 -0.11 | 74.15 3.02 -0.27 | 49.15 1.95 0.00 | 47.23 1.82 0.00 | 42.19 1.32 0.00 | 31.22 0.96 0.00 | 38.25 1.13 0.00 |
| DERFIELD_115KV_TB7 355931 | 25.77 0.10 0.00 | 25.07 0.08 0.00 | 27.34 0.06 0.00 | 24.92 0.06 0.00 | 24.13 0.07 0.00 | 26.18 0.13 0.00 | 28.54 0.13 0.00 | 28.92 0.11 0.00 | 29.83 0.11 0.00 | 28.46 0.11 0.00 | 34.53 0.13 0.00 | 41.71 0.13 0.00 | 42.22 0.13 0.00 | 39.01 0.21 0.00 | 39.81 0.36 0.00 | 44.61 0.41 -0.63 | 58.12 0.50 0.01 | 66.10 0.57 0.22 | 70.55 0.61 0.93 | 47.61 0.41 0.00 | 45.80 0.39 0.00 | 41.03 0.16 0.00 | 30.39 0.12 0.00 | 37.27 0.15 0.00 |
| DOGLEVILLE___HYD 23807 | 25.84 0.17 0.00 | 25.11 0.12 0.00 | 27.35 0.08 0.00 | 24.93 0.07 0.00 | 24.08 0.02 0.00 | 26.23 0.18 0.00 | 28.54 0.14 0.00 | 28.90 0.10 0.00 | 29.87 0.15 0.00 | 28.38 0.03 0.00 | 34.11 -0.29 0.00 | 41.23 -0.34 0.00 | 41.36 -0.73 0.00 | 38.46 -0.33 0.00 | 39.73 0.28 0.00 | 44.76 0.55 -0.63 | 58.14 0.51 0.01 | 66.79 1.26 0.22 | 71.85 1.92 0.93 | 48.67 1.48 0.00 | 46.94 1.53 0.00 | 41.52 0.65 0.00 | 30.61 0.35 0.00 | 37.48 0.37 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 25.77 0.09 0.00 | 24.59 -0.40 0.00 | 26.49 -0.78 0.00 | 23.96 -0.90 0.00 | 23.38 -0.67 0.00 | 25.49 -0.56 0.00 | 28.50 0.09 0.00 | 29.25 0.44 0.00 | 30.27 0.54 0.00 | 28.55 0.19 0.00 | 35.31 0.91 0.00 | 42.44 0.87 0.00 | 43.67 1.58 0.00 | 39.81 1.01 0.00 | 41.36 1.09 -0.81 | 104.21 0.95 -59.69 | 110.39 1.45 -51.30 | 68.85 0.60 -2.51 | 76.51 -0.13 -5.78 | 47.24 0.04 0.00 | 45.86 0.45 0.00 | 40.99 0.12 0.00 | 30.36 0.09 0.00 | 37.00 -0.12 0.00 |
| DUNKIRK___1 23563 | 25.77 0.09 0.00 | 24.59 -0.40 0.00 | 26.49 -0.78 0.00 | 23.96 -0.90 0.00 | 23.38 -0.67 0.00 | 25.49 -0.56 0.00 | 28.50 0.09 0.00 | 29.25 0.44 0.00 | 30.27 0.54 0.00 | 28.55 0.19 0.00 | 35.31 0.91 0.00 | 42.44 0.87 0.00 | 43.67 1.58 0.00 | 39.81 1.01 0.00 | 41.36 1.09 -0.81 | 104.21 0.95 -59.69 | 110.39 1.45 -51.30 | 68.85 0.60 -2.51 | 76.51 -0.13 -5.78 | 47.24 0.04 0.00 | 45.86 0.45 0.00 | 40.99 0.12 0.00 | 30.36 0.09 0.00 | 37.00 -0.12 0.00 |
| DUNKIRK___2 23564 | 25.77 0.09 0.00 | 24.59 -0.40 0.00 | 26.49 -0.78 0.00 | 23.96 -0.90 0.00 | 23.38 -0.67 0.00 | 25.49 -0.56 0.00 | 28.50 0.09 0.00 | 29.25 0.44 0.00 | 30.27 0.54 0.00 | 28.55 0.19 0.00 | 35.31 0.91 0.00 | 42.44 0.87 0.00 | 43.67 1.58 0.00 | 39.81 1.01 0.00 | 41.36 1.09 -0.81 | 104.21 0.95 -59.69 | 110.39 1.45 -51.30 | 68.85 0.60 -2.51 | 76.51 -0.13 -5.78 | 47.24 0.04 0.00 | 45.86 0.45 0.00 | 40.99 0.12 0.00 | 30.36 0.09 0.00 | 37.00 -0.12 0.00 |
| DUNKIRK___3 23565 | 25.82 0.14 0.00 | 24.61 -0.38 0.00 | 26.53 -0.75 0.00 | 23.96 -0.89 0.00 | 23.37 -0.69 0.00 | 25.50 -0.55 0.00 | 28.50 0.10 0.00 | 29.21 0.41 0.00 | 30.20 0.48 0.00 | 28.47 0.12 0.00 | 35.21 0.82 0.00 | 42.26 0.69 0.00 | 43.43 1.33 0.00 | 39.62 0.82 0.00 | 41.14 0.84 -0.84 | 106.46 0.67 -62.21 | 112.89 1.00 -54.25 | 68.51 0.11 -2.65 | 76.32 -0.65 -6.11 | 46.95 -0.24 0.00 | 45.57 0.16 0.00 | 40.76 -0.11 0.00 | 30.19 -0.07 0.00 | 36.82 -0.30 0.00 |
| DUNKIRK___4 23566 | 25.82 0.14 0.00 | 24.61 -0.38 0.00 | 26.53 -0.75 0.00 | 23.96 -0.89 0.00 | 23.37 -0.69 0.00 | 25.50 -0.55 0.00 | 28.50 0.10 0.00 | 29.21 0.41 0.00 | 30.20 0.48 0.00 | 28.47 0.12 0.00 | 35.21 0.82 0.00 | 42.26 0.69 0.00 | 43.43 1.33 0.00 | 39.62 0.82 0.00 | 41.14 0.84 -0.84 | 106.46 0.67 -62.21 | 112.89 1.00 -54.25 | 68.51 0.11 -2.65 | 76.32 -0.65 -6.11 | 46.95 -0.24 0.00 | 45.57 0.16 0.00 | 40.76 -0.11 0.00 | 30.19 -0.07 0.00 | 36.82 -0.30 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 27.14 1.47 0.00 | 26.29 1.31 0.00 | 28.42 1.15 0.00 | 25.83 0.97 0.00 | 24.99 0.93 0.00 | 27.25 1.20 0.00 | 29.73 1.33 0.00 | 30.18 1.37 0.00 | 31.17 1.45 0.00 | 29.98 1.63 0.00 | 39.29 2.04 -2.84 | 44.12 2.40 -0.14 | 44.46 2.36 0.00 | 41.55 2.76 0.00 | 42.76 3.31 0.00 | 47.48 3.91 0.00 | 62.97 5.33 0.00 | 71.66 5.92 0.00 | 76.91 6.05 0.00 | 50.96 3.76 0.00 | 48.73 3.32 0.00 | 43.18 2.31 0.00 | 32.01 1.74 0.00 | 39.37 2.25 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 26.93 1.26 0.00 | 26.09 1.10 0.00 | 28.25 0.98 0.00 | 25.67 0.81 0.00 | 24.84 0.79 0.00 | 27.07 1.02 0.00 | 29.55 1.15 0.00 | 29.98 1.17 0.00 | 30.94 1.22 0.00 | 29.73 1.38 0.00 | 38.52 1.71 -2.42 | 43.75 2.06 -0.12 | 44.18 2.08 0.00 | 41.25 2.45 0.00 | 42.41 2.96 0.00 | 47.12 3.56 0.00 | 62.49 4.85 0.00 | 71.19 5.44 0.00 | 76.49 5.63 0.00 | 50.71 3.51 0.00 | 48.53 3.12 0.00 | 43.01 2.14 0.00 | 31.83 1.56 0.00 | 39.09 1.98 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 27.27 1.60 0.00 | 26.43 1.44 0.00 | 28.56 1.29 0.00 | 25.96 1.10 0.00 | 25.13 1.08 0.00 | 27.40 1.35 0.00 | 29.92 1.52 0.00 | 30.38 1.58 0.00 | 31.38 1.65 0.00 | 30.20 1.85 0.00 | 39.49 2.25 -2.85 | 44.26 2.55 -0.14 | 44.62 2.53 0.00 | 41.74 2.95 0.00 | 42.94 3.49 0.00 | 47.66 4.09 0.00 | 63.23 5.60 0.00 | 71.92 6.18 0.00 | 77.21 6.34 0.00 | 51.16 3.96 0.00 | 48.91 3.50 -0.01 | 43.40 2.52 -0.01 | 32.21 1.94 -0.01 | 39.69 2.57 0.00 |
| E179THST_13_KV_LOAD 356214 | 27.43 1.75 0.00 | 26.58 1.59 0.00 | 28.71 1.44 0.00 | 26.11 1.25 0.00 | 25.26 1.21 0.00 | 27.55 1.50 0.00 | 30.10 1.69 0.00 | 30.57 1.77 0.00 | 31.57 1.85 0.00 | 30.39 2.04 0.00 | 39.73 2.48 -2.85 | 44.56 2.84 -0.14 | 44.94 2.85 0.00 | 42.03 3.23 0.00 | 43.24 3.79 0.00 | 48.01 4.44 0.00 | 63.70 6.07 0.00 | 72.45 6.70 0.00 | 77.78 6.92 0.00 | 51.53 4.34 0.00 | 49.28 3.87 -0.01 | 43.72 2.84 -0.01 | 32.43 2.16 -0.01 | 39.96 2.84 0.00 |
| EAST HAMPTON___GT 23717 | 27.85 2.18 0.00 | 26.78 1.80 0.00 | 28.57 1.30 0.00 | 25.96 1.10 0.00 | 24.93 0.88 0.00 | 27.19 1.15 0.00 | 29.74 1.34 0.00 | 30.29 1.48 0.00 | 31.37 1.65 0.00 | 30.40 2.05 0.00 | 39.50 2.26 -2.84 | 43.96 2.24 -0.14 | 44.74 2.65 0.00 | 59.99 3.43 -17.76 | 66.72 4.19 -23.08 | 245.46 5.03 -196.86 | 311.07 7.81 -245.63 | 266.12 9.42 -190.96 | 182.94 9.55 -102.52 | 268.69 6.03 -215.46 | 116.24 5.54 -65.29 | 74.65 4.61 -29.17 | 35.34 2.77 -2.31 | 97.27 2.96 -57.19 |
| EAST RIVER___6 23660 | 27.27 1.60 0.00 | 26.40 1.41 0.00 | 28.52 1.25 0.00 | 25.91 1.05 0.00 | 25.08 1.03 0.00 | 27.35 1.30 0.00 | 29.83 1.43 0.00 | 30.30 1.49 0.00 | 31.34 1.62 0.00 | 30.21 1.85 0.00 | 39.53 2.29 -2.84 | 44.40 2.68 -0.14 | 44.71 2.61 0.00 | 41.89 3.09 0.00 | 43.10 3.65 0.00 | 47.81 4.25 0.00 | 63.43 5.80 0.00 | 72.13 6.38 0.00 | 77.34 6.47 0.00 | 51.22 4.03 0.00 | 48.99 3.58 0.00 | 43.39 2.52 0.00 | 32.19 1.92 0.00 | 39.57 2.45 0.00 |
| EAST RIVER___7 23524 | 27.27 1.60 0.00 | 26.40 1.41 0.00 | 28.52 1.25 0.00 | 25.91 1.05 0.00 | 25.08 1.03 0.00 | 27.35 1.30 0.00 | 29.83 1.43 0.00 | 30.30 1.49 0.00 | 31.34 1.62 0.00 | 30.21 1.85 0.00 | 39.53 2.29 -2.84 | 44.40 2.68 -0.14 | 44.71 2.61 0.00 | 41.89 3.09 0.00 | 43.10 3.65 0.00 | 47.81 4.25 0.00 | 63.43 5.80 0.00 | 72.13 6.38 0.00 | 77.34 6.47 0.00 | 51.22 4.03 0.00 | 48.99 3.58 0.00 | 43.39 2.52 0.00 | 32.19 1.92 0.00 | 39.57 2.45 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 27.07 1.40 0.00 | 26.22 1.23 0.00 | 28.36 1.09 0.00 | 25.76 0.91 0.00 | 24.94 0.88 0.00 | 27.18 1.14 0.00 | 29.67 1.26 0.00 | 30.10 1.30 0.00 | 31.08 1.36 0.00 | 29.90 1.55 0.00 | 39.16 1.92 -2.84 | 43.98 2.27 -0.14 | 44.34 2.24 0.00 | 41.45 2.66 0.00 | 42.65 3.20 0.00 | 47.35 3.78 0.00 | 62.80 5.16 0.00 | 71.46 5.72 0.00 | 76.71 5.84 0.00 | 50.83 3.63 0.00 | 48.62 3.21 0.00 | 43.08 2.21 0.00 | 31.92 1.66 0.00 | 39.27 2.15 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 27.83 2.15 0.00 | 26.74 1.76 0.00 | 28.52 1.25 0.00 | 25.91 1.05 0.00 | 24.87 0.82 0.00 | 27.13 1.08 0.00 | 29.67 1.27 0.00 | 30.21 1.40 0.00 | 31.29 1.57 0.00 | 30.33 1.98 0.00 | 39.43 2.18 -2.84 | 43.87 2.15 -0.14 | 44.65 2.56 0.00 | 59.91 3.35 -17.76 | 66.64 4.11 -23.08 | 245.38 4.95 -196.86 | 311.01 7.75 -245.63 | 266.07 9.36 -190.96 | 182.88 9.50 -102.52 | 268.67 6.00 -215.46 | 116.23 5.53 -65.29 | 74.63 4.60 -29.17 | 35.30 2.73 -2.31 | 97.19 2.88 -57.19 |
| EAST_POINT___SOLAR 323840 | 27.40 1.73 0.00 | 26.57 1.58 0.00 | 28.95 1.68 0.00 | 26.40 1.55 0.00 | 25.58 1.53 0.00 | 27.80 1.75 0.00 | 30.49 2.09 0.00 | 31.09 2.28 0.00 | 32.00 2.28 0.00 | 30.32 1.97 0.00 | 34.64 2.01 1.77 | 42.94 1.46 0.09 | 43.73 1.63 0.00 | 40.64 1.85 0.00 | 41.43 1.99 0.00 | 45.98 2.42 0.00 | 61.31 3.68 0.00 | 70.48 4.73 0.00 | 76.62 5.76 0.00 | 51.09 3.89 0.00 | 49.15 3.74 0.00 | 44.19 3.33 0.00 | 32.63 2.37 0.00 | 39.83 2.71 0.00 |
| EAST_PULASKI___ESR 323781 | 25.31 -0.37 0.00 | 24.55 -0.44 0.00 | 26.74 -0.53 0.00 | 24.47 -0.38 0.00 | 23.83 -0.22 0.00 | 25.87 -0.17 0.00 | 28.25 -0.16 0.00 | 28.65 -0.15 0.00 | 29.53 -0.19 0.00 | 28.18 -0.17 0.00 | 34.22 -0.18 0.00 | 41.17 -0.40 0.00 | 41.54 -0.55 0.00 | 38.32 -0.48 0.00 | 38.92 -0.53 0.00 | 42.25 -0.54 0.78 | 56.80 -0.79 0.05 | 64.18 -0.69 0.88 | 66.40 -0.69 3.77 | 46.81 -0.39 0.00 | 45.36 -0.05 0.00 | 40.59 -0.28 0.00 | 30.09 -0.18 0.00 | 36.85 -0.27 0.00 |
| EAST_RIVER___1 323558 | 27.25 1.58 0.00 | 26.38 1.40 0.00 | 28.51 1.23 0.00 | 25.91 1.05 0.00 | 25.06 1.01 0.00 | 27.34 1.29 0.00 | 29.83 1.42 0.00 | 30.29 1.49 0.00 | 31.32 1.60 0.00 | 30.16 1.81 0.00 | 39.51 2.27 -2.84 | 44.36 2.65 -0.14 | 44.66 2.57 0.00 | 41.79 2.99 0.00 | 43.02 3.57 0.00 | 47.73 4.16 0.00 | 63.34 5.71 0.00 | 72.06 6.32 0.00 | 77.26 6.40 0.00 | 51.17 3.98 0.00 | 48.92 3.51 0.00 | 43.35 2.48 0.00 | 32.15 1.88 0.00 | 39.54 2.42 0.00 |
| EAST_RIVER___2 323559 | 27.27 1.60 0.00 | 26.40 1.41 0.00 | 28.52 1.25 0.00 | 25.91 1.05 0.00 | 25.08 1.03 0.00 | 27.35 1.30 0.00 | 29.83 1.43 0.00 | 30.30 1.49 0.00 | 31.34 1.62 0.00 | 30.21 1.85 0.00 | 39.53 2.29 -2.84 | 44.40 2.68 -0.14 | 44.71 2.61 0.00 | 41.89 3.09 0.00 | 43.10 3.65 0.00 | 47.81 4.25 0.00 | 63.43 5.80 0.00 | 72.13 6.38 0.00 | 77.34 6.47 0.00 | 51.22 4.03 0.00 | 48.99 3.58 0.00 | 43.39 2.52 0.00 | 32.19 1.92 0.00 | 39.57 2.45 0.00 |
| EAST___DELAWARE_HYD 23607 | 26.01 0.33 0.00 | 25.19 0.20 0.00 | 27.28 0.00 0.00 | 24.79 -0.07 0.00 | 23.99 -0.07 0.00 | 26.13 0.08 0.00 | 28.52 0.11 0.00 | 28.95 0.14 0.00 | 29.86 0.14 0.00 | 28.70 0.35 0.00 | 36.69 0.47 -1.82 | 42.31 0.65 -0.09 | 42.72 0.63 0.00 | 39.92 1.12 0.00 | 40.95 1.50 0.00 | 45.66 2.10 0.00 | 60.64 3.00 0.00 | 69.20 3.46 0.00 | 74.39 3.52 0.00 | 49.39 2.19 0.00 | 47.25 1.84 0.00 | 41.86 0.99 0.00 | 30.90 0.63 0.00 | 37.89 0.78 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 25.58 -0.09 0.00 | 24.79 -0.20 0.00 | 26.43 -0.85 0.00 | 23.81 -1.05 0.00 | 22.96 -1.10 0.00 | 25.61 -0.44 0.00 | 28.55 0.15 0.00 | 29.87 1.06 0.00 | 31.19 1.46 0.00 | 30.10 1.75 0.00 | 37.31 2.92 0.00 | 44.10 2.53 0.00 | 45.50 3.40 0.00 | 42.26 3.46 0.00 | 43.30 3.53 -0.33 | 71.11 4.03 -23.51 | 82.63 5.37 -19.62 | 71.66 4.96 -0.96 | 78.96 5.89 -2.20 | 51.37 4.17 0.00 | 49.42 4.01 0.00 | 44.49 3.62 0.00 | 33.08 2.81 0.00 | 39.74 2.62 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 25.62 -0.06 0.00 | 24.84 -0.15 0.00 | 26.96 -0.32 0.00 | 24.57 -0.29 0.00 | 23.83 -0.22 0.00 | 25.88 -0.17 0.00 | 28.35 -0.06 0.00 | 28.77 -0.04 0.00 | 29.64 -0.08 0.00 | 28.31 -0.04 0.00 | 34.32 -0.08 0.00 | 41.40 -0.17 0.00 | 41.98 -0.12 0.00 | 38.68 -0.12 0.00 | 39.42 -0.03 0.00 | 43.51 -0.05 0.00 | 57.71 0.09 0.01 | 65.87 0.34 0.21 | 70.01 0.07 0.93 | 47.34 0.13 0.00 | 45.59 0.18 0.00 | 40.77 -0.10 0.00 | 30.19 -0.07 0.00 | 36.98 -0.13 0.00 |
| ELEC_TRO_TEK 24086 | 27.38 1.70 0.00 | 26.55 1.56 0.00 | 28.60 1.32 0.00 | 26.00 1.14 0.00 | 25.16 1.10 0.00 | 27.47 1.42 0.00 | 30.02 1.61 0.00 | 30.47 1.67 0.00 | 31.43 1.71 0.00 | 30.22 1.87 0.00 | 39.60 2.35 -2.84 | 44.35 2.64 -0.14 | 44.84 2.75 0.00 | 75.45 3.33 -33.32 | 66.40 3.87 -23.08 | 244.97 4.54 -196.86 | 309.42 6.16 -245.63 | 251.12 6.84 -178.53 | 198.69 7.01 -120.82 | 267.08 4.43 -215.46 | 114.57 3.87 -65.29 | 72.79 2.75 -29.17 | 35.99 2.08 -3.65 | 99.89 2.77 -60.00 |

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| ELLENBURG_WT_PWR 323604 | -13.38 -1.47 37.58 | -13.98 -1.33 37.64 | -5.30 -1.30 31.28 | -17.35 -1.16 41.05 | -17.38 -1.14 40.30 | -13.62 -1.37 38.30 | 15.20 -1.29 11.92 | 27.93 -0.87 0.00 | 29.55 -0.17 0.00 | 28.31 -0.04 0.00 | 34.36 -0.04 0.00 | 41.85 0.28 0.00 | 42.04 -0.06 0.00 | 38.12 -0.68 0.00 | 37.97 -1.48 0.00 | 28.84 -1.84 12.89 | 55.30 -2.31 0.03 | 62.87 -2.29 0.58 | 66.31 -2.04 2.52 | 45.98 -1.22 0.00 | 44.51 -0.90 0.00 | 41.11 0.24 0.00 | 30.51 0.25 0.00 | 37.26 0.14 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 25.73 0.05 0.00 | 24.48 -0.50 0.00 | 26.43 -0.85 0.00 | 23.83 -1.02 0.00 | 23.22 -0.84 0.00 | 25.38 -0.67 0.00 | 28.36 -0.04 0.00 | 29.02 0.21 0.00 | 29.97 0.24 0.00 | 28.20 -0.15 0.00 | 34.90 0.50 0.00 | 41.60 0.03 0.00 | 42.79 0.70 0.00 | 38.94 0.14 0.00 | 40.63 -0.01 -1.19 | 132.57 -0.37 -89.37 | 138.88 -0.50 -81.74 | 65.78 -1.55 -1.59 | 77.18 -2.42 -8.74 | 46.02 -1.18 0.00 | 44.70 -0.71 0.00 | 40.15 -0.71 0.00 | 29.76 -0.51 0.00 | 36.32 -0.80 0.00 |
| EMPIRE_CC_1 323656 | 26.08 0.41 0.00 | 25.40 0.41 0.00 | 27.76 0.48 0.00 | 25.33 0.48 0.00 | 24.51 0.45 0.00 | 26.63 0.58 0.00 | 28.78 0.37 0.00 | 29.04 0.23 0.00 | 29.91 0.19 0.00 | 28.55 0.20 0.00 | 29.57 0.06 4.89 | 41.40 0.07 0.25 | 42.04 -0.05 0.00 | 39.11 0.32 0.00 | 40.10 0.65 0.00 | 44.24 0.67 0.00 | 58.34 0.70 0.00 | 66.72 0.97 0.00 | 72.10 1.23 0.00 | 48.08 0.88 0.00 | 46.28 0.87 0.00 | 41.17 0.30 0.00 | 30.53 0.27 0.00 | 37.54 0.42 0.00 |
| EMPIRE_CC_2 323658 | 26.08 0.41 0.00 | 25.40 0.41 0.00 | 27.76 0.48 0.00 | 25.33 0.48 0.00 | 24.51 0.45 0.00 | 26.63 0.58 0.00 | 28.78 0.37 0.00 | 29.04 0.23 0.00 | 29.91 0.19 0.00 | 28.55 0.20 0.00 | 29.57 0.06 4.89 | 41.40 0.07 0.25 | 42.04 -0.05 0.00 | 39.11 0.32 0.00 | 40.10 0.65 0.00 | 44.24 0.67 0.00 | 58.34 0.70 0.00 | 66.72 0.97 0.00 | 72.10 1.23 0.00 | 48.08 0.88 0.00 | 46.28 0.87 0.00 | 41.17 0.30 0.00 | 30.53 0.27 0.00 | 37.54 0.42 0.00 |
| ENORWICH_115KV_TB1 80156 | 27.38 1.71 0.00 | 26.24 1.26 0.00 | 28.89 1.62 0.00 | 26.07 1.21 0.00 | 25.39 1.33 0.00 | 27.71 1.66 0.00 | 30.55 2.15 0.00 | 32.42 3.61 0.00 | 33.34 3.62 0.00 | 31.98 3.62 0.00 | 38.99 4.59 0.00 | 46.92 5.35 0.00 | 47.92 5.83 0.00 | 44.09 5.29 0.00 | 45.27 5.76 -0.06 | 54.45 6.34 -4.54 | 70.22 8.75 -3.84 | 75.65 9.72 -0.18 | 80.11 8.77 -0.47 | 52.38 5.18 0.00 | 50.37 4.97 0.00 | 44.86 3.99 0.00 | 33.04 2.78 0.00 | 40.19 3.07 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 26.23 0.55 0.00 | 24.95 -0.04 0.00 | 26.90 -0.38 0.00 | 24.26 -0.60 0.00 | 23.62 -0.44 0.00 | 25.82 -0.23 0.00 | 28.85 0.45 0.00 | 29.53 0.72 0.00 | 30.51 0.79 0.00 | 28.77 0.42 0.00 | 35.61 1.21 0.00 | 42.50 0.92 0.00 | 43.70 1.60 0.00 | 39.87 1.07 0.00 | 41.15 0.94 -0.75 | 96.88 0.69 -52.63 | 98.85 0.88 -40.33 | 70.89 0.04 -5.11 | 75.29 -0.72 -5.14 | 47.08 -0.12 0.00 | 45.68 0.27 0.00 | 40.92 0.05 0.00 | 30.29 0.03 0.00 | 36.92 -0.20 0.00 |
| ERIE_WT_PWR 323693 | 25.92 0.24 0.00 | 24.65 -0.34 0.00 | 26.58 -0.69 0.00 | 23.98 -0.88 0.00 | 23.36 -0.69 0.00 | 25.56 -0.49 0.00 | 28.57 0.17 0.00 | 29.24 0.43 0.00 | 30.22 0.50 0.00 | 28.42 0.07 0.00 | 35.15 0.75 0.00 | 41.98 0.41 0.00 | 43.17 1.08 0.00 | 39.32 0.52 0.00 | 40.80 0.51 -0.83 | 103.67 0.23 -59.87 | 106.89 0.15 -49.11 | 67.31 -0.84 -2.40 | 74.71 -1.68 -5.53 | 46.52 -0.68 0.00 | 45.16 -0.25 0.00 | 40.51 -0.36 0.00 | 30.01 -0.25 0.00 | 36.60 -0.52 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 27.03 1.35 0.00 | 26.16 1.17 0.00 | 28.53 1.25 0.00 | 26.00 1.15 0.00 | 25.17 1.11 0.00 | 27.35 1.30 0.00 | 30.00 1.60 0.00 | 30.65 1.85 0.00 | 31.75 2.03 0.00 | 30.28 1.93 0.00 | 35.81 2.50 1.09 | 44.26 2.75 0.06 | 44.96 2.87 0.00 | 41.40 2.60 0.00 | 42.13 2.68 0.00 | 46.58 3.01 0.00 | 61.84 4.20 0.00 | 70.36 4.62 0.00 | 75.88 5.02 0.00 | 50.36 3.16 0.00 | 48.38 2.97 0.00 | 43.57 2.70 0.00 | 32.21 1.95 0.00 | 39.35 2.23 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 26.39 0.71 0.00 | 25.50 0.51 0.00 | 27.70 0.43 0.00 | 25.17 0.31 0.00 | 24.42 0.36 0.00 | 26.59 0.54 0.00 | 29.20 0.79 0.00 | 29.63 0.83 0.00 | 30.65 0.93 0.00 | 29.27 0.92 0.00 | 35.62 1.22 0.00 | 42.74 1.17 0.00 | 43.36 1.26 0.00 | 40.07 1.27 0.00 | 41.00 1.47 -0.08 | 51.02 1.69 -5.76 | 64.85 2.36 -4.86 | 68.60 2.62 -0.23 | 74.38 2.99 -0.53 | 49.33 2.13 0.00 | 47.49 2.08 0.00 | 42.34 1.47 0.00 | 31.26 1.00 0.00 | 38.16 1.04 0.00 |
| ETNA____115KV_TB2 80207 | 26.39 0.71 0.00 | 25.50 0.51 0.00 | 27.70 0.43 0.00 | 25.17 0.31 0.00 | 24.42 0.36 0.00 | 26.59 0.54 0.00 | 29.20 0.79 0.00 | 29.63 0.83 0.00 | 30.65 0.93 0.00 | 29.27 0.92 0.00 | 35.62 1.22 0.00 | 42.74 1.17 0.00 | 43.36 1.26 0.00 | 40.07 1.27 0.00 | 41.00 1.47 -0.08 | 51.02 1.69 -5.76 | 64.85 2.36 -4.86 | 68.60 2.62 -0.23 | 74.38 2.99 -0.53 | 49.33 2.13 0.00 | 47.49 2.08 0.00 | 42.34 1.47 0.00 | 31.26 1.00 0.00 | 38.16 1.04 0.00 |
| EUCLID____115KV_TB2 356179 | 25.58 -0.10 0.00 | 24.78 -0.21 0.00 | 26.93 -0.35 0.00 | 24.52 -0.34 0.00 | 23.78 -0.27 0.00 | 25.83 -0.23 0.00 | 28.29 -0.12 0.00 | 28.73 -0.08 0.00 | 29.64 -0.08 0.00 | 28.26 -0.10 0.00 | 34.34 -0.06 0.00 | 41.37 -0.20 0.00 | 41.96 -0.13 0.00 | 38.72 -0.08 0.00 | 39.48 0.03 0.00 | 43.61 0.04 0.01 | 57.60 -0.03 0.01 | 65.30 -0.17 0.27 | 69.34 -0.36 1.17 | 46.99 -0.21 0.00 | 45.26 -0.15 0.00 | 40.49 -0.38 0.00 | 29.97 -0.30 0.00 | 36.71 -0.40 0.00 |
| E_CANADA_CAP_HY 24051 | 27.25 1.57 0.00 | 26.42 1.43 0.00 | 28.80 1.53 0.00 | 26.29 1.43 0.00 | 25.45 1.39 0.00 | 27.61 1.56 0.00 | 30.29 1.89 0.00 | 30.90 2.10 0.00 | 31.95 2.23 0.00 | 30.30 1.95 0.00 | 35.16 2.36 1.60 | 43.92 2.43 0.08 | 44.56 2.47 0.00 | 40.97 2.18 0.00 | 41.65 2.20 0.00 | 46.10 2.54 0.00 | 61.25 3.62 0.00 | 70.00 4.25 0.00 | 75.90 5.03 0.00 | 50.49 3.29 0.00 | 48.55 3.14 0.00 | 43.87 3.00 0.00 | 32.47 2.21 0.00 | 39.68 2.56 0.00 |
| E_CANADA_MHWK_HY 24050 | 25.84 0.17 0.00 | 25.11 0.12 0.00 | 27.35 0.08 0.00 | 24.93 0.07 0.00 | 24.08 0.02 0.00 | 26.23 0.18 0.00 | 28.54 0.14 0.00 | 28.90 0.10 0.00 | 29.87 0.15 0.00 | 28.38 0.03 0.00 | 34.11 -0.29 0.00 | 41.23 -0.34 0.00 | 41.36 -0.73 0.00 | 38.46 -0.33 0.00 | 39.73 0.28 0.00 | 44.76 0.55 -0.63 | 58.14 0.51 0.01 | 66.79 1.26 0.22 | 71.85 1.92 0.93 | 48.67 1.48 0.00 | 46.94 1.53 0.00 | 41.52 0.65 0.00 | 30.61 0.35 0.00 | 37.48 0.37 0.00 |
| E_FISHKILL____LBMP 23776 | 26.81 1.13 0.00 | 25.98 1.00 0.00 | 28.15 0.88 0.00 | 25.60 0.75 0.00 | 24.78 0.73 0.00 | 27.00 0.95 0.00 | 29.44 1.03 0.00 | 29.82 1.02 0.00 | 30.78 1.06 0.00 | 29.56 1.21 0.00 | 38.79 1.46 -2.93 | 43.43 1.71 -0.15 | 43.79 1.69 0.00 | 40.92 2.12 0.00 | 42.05 2.60 0.00 | 46.65 3.08 0.00 | 61.83 4.19 0.00 | 70.42 4.68 0.00 | 75.67 4.80 0.00 | 50.21 3.01 0.00 | 48.08 2.67 0.00 | 42.63 1.76 0.00 | 31.59 1.33 0.00 | 38.86 1.74 0.00 |
| FALCON____SEABRD_CC1 323796 | -13.28 -0.68 38.27 | -13.99 -0.65 38.32 | -5.13 -0.55 31.85 | -17.39 -0.45 41.80 | -17.49 -0.52 41.03 | -13.46 -0.51 39.00 | 15.75 -0.52 12.14 | 28.65 -0.15 0.00 | 30.36 0.64 0.00 | 29.09 0.74 0.00 | 35.28 0.88 0.00 | 42.83 1.26 0.00 | 42.27 0.17 0.00 | 38.02 -0.78 0.00 | 37.46 -1.99 0.00 | 28.25 -2.49 12.82 | 54.28 -3.31 0.04 | 61.73 -3.21 0.81 | 64.60 -2.77 3.50 | 45.63 -1.57 0.00 | 44.63 -0.78 0.00 | 41.95 1.08 0.00 | 31.49 1.23 0.00 | 38.25 1.13 0.00 |

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| FALCON___SEABRD_CC2 323797 | -13.28 -0.68 38.27 | -13.99 -0.65 38.32 | -5.13 -0.55 31.85 | -17.39 -0.45 41.80 | -17.49 -0.52 41.03 | -13.46 -0.51 39.00 | 15.75 -0.52 12.14 | 28.65 -0.15 0.00 | 30.36 0.64 0.00 | 29.09 0.74 0.00 | 35.28 0.88 0.00 | 42.83 1.26 0.00 | 42.27 0.17 0.00 | 38.02 -0.78 0.00 | 37.46 -1.99 0.00 | 28.25 -2.49 12.82 | 54.28 -3.31 0.04 | 61.73 -3.21 0.81 | 64.60 -2.77 3.50 | 45.63 -1.57 0.00 | 44.63 -0.78 0.00 | 41.95 1.08 0.00 | 31.49 1.23 0.00 | 38.25 1.13 0.00 |
| FAR ROCKAWAY___4 23548 | 27.81 2.13 0.00 | 26.93 1.94 0.00 | 29.00 1.73 0.00 | 26.36 1.50 0.00 | 25.50 1.45 0.00 | 27.87 1.81 0.00 | 30.46 2.05 0.00 | 30.91 2.10 0.00 | 31.90 2.18 0.00 | 30.70 2.34 0.00 | 40.24 3.00 -2.84 | 45.15 3.44 -0.14 | 45.68 3.58 0.00 | 71.12 4.04 -28.28 | 67.11 4.57 -23.08 | 245.82 5.39 -196.86 | 310.68 7.41 -245.63 | 251.91 8.21 -177.96 | 194.24 8.48 -114.90 | 268.02 5.37 -215.46 | 115.47 4.77 -65.29 | 73.56 3.52 -29.17 | 38.46 2.61 -5.58 | 104.57 3.41 -64.05 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 27.26 1.58 0.00 | 26.40 1.41 0.00 | 28.52 1.25 0.00 | 25.91 1.05 0.00 | 25.08 1.02 0.00 | 27.34 1.29 0.00 | 29.84 1.44 0.00 | 30.31 1.51 0.00 | 31.34 1.62 0.00 | 30.18 1.83 0.00 | 39.52 2.28 -2.84 | 44.37 2.66 -0.14 | 44.67 2.57 0.00 | 41.79 2.99 0.00 | 43.03 3.58 0.00 | 47.75 4.18 0.00 | 63.36 5.72 0.00 | 72.07 6.32 0.00 | 77.30 6.44 0.00 | 51.19 3.99 0.00 | 48.94 3.53 0.00 | 43.38 2.51 0.00 | 32.17 1.90 0.00 | 39.55 2.43 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 27.28 1.61 0.00 | 26.43 1.44 0.00 | 28.55 1.28 0.00 | 25.94 1.08 0.00 | 25.10 1.05 0.00 | 27.37 1.32 0.00 | 29.87 1.47 0.00 | 30.34 1.54 0.00 | 31.37 1.65 0.00 | 30.20 1.85 0.00 | 39.56 2.31 -2.84 | 44.42 2.70 -0.14 | 44.73 2.63 0.00 | 41.84 3.04 0.00 | 43.07 3.62 0.00 | 47.81 4.24 0.00 | 63.45 5.81 0.00 | 72.19 6.44 0.00 | 77.41 6.54 0.00 | 51.26 4.06 0.00 | 49.01 3.60 0.00 | 43.44 2.57 0.00 | 32.21 1.95 0.00 | 39.61 2.49 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 27.25 1.58 0.00 | 26.39 1.41 0.00 | 28.52 1.25 0.00 | 25.91 1.05 0.00 | 25.07 1.02 0.00 | 27.34 1.29 0.00 | 29.84 1.44 0.00 | 30.31 1.51 0.00 | 31.34 1.61 0.00 | 30.17 1.82 0.00 | 39.51 2.26 -2.84 | 44.37 2.66 -0.14 | 44.66 2.56 0.00 | 41.78 2.98 0.00 | 43.02 3.57 0.00 | 47.74 4.18 0.00 | 63.34 5.70 0.00 | 72.07 6.32 0.00 | 77.27 6.40 0.00 | 51.17 3.97 0.00 | 48.91 3.51 0.00 | 43.35 2.48 0.00 | 32.15 1.88 0.00 | 39.53 2.41 0.00 |
| FARRAGUT___LBMP 323566 | 27.23 1.55 0.00 | 26.37 1.38 0.00 | 28.50 1.22 0.00 | 25.89 1.03 0.00 | 25.05 1.00 0.00 | 27.31 1.26 0.00 | 29.81 1.41 0.00 | 30.27 1.47 0.00 | 31.29 1.57 0.00 | 30.13 1.78 0.00 | 39.47 2.23 -2.84 | 44.31 2.60 -0.14 | 44.60 2.51 0.00 | 41.73 2.93 0.00 | 42.96 3.50 0.00 | 47.67 4.10 0.00 | 63.25 5.62 0.00 | 71.95 6.21 0.00 | 77.19 6.32 0.00 | 51.10 3.90 0.00 | 48.86 3.45 0.00 | 43.30 2.43 0.00 | 32.12 1.85 0.00 | 39.50 2.38 0.00 |
| FENNER___WINDPWR 24204 | 26.21 0.54 0.00 | 25.40 0.42 0.00 | 27.64 0.37 0.00 | 25.20 0.35 0.00 | 24.47 0.41 0.00 | 26.58 0.53 0.00 | 29.15 0.75 0.00 | 29.64 0.84 0.00 | 30.66 0.94 0.00 | 29.26 0.90 0.00 | 35.58 1.18 0.00 | 42.82 1.25 0.00 | 43.40 1.31 0.00 | 40.09 1.29 0.00 | 40.86 1.41 0.00 | 45.12 1.56 0.00 | 59.71 2.10 0.02 | 67.71 2.35 0.39 | 71.73 2.53 1.67 | 48.89 1.69 0.00 | 47.09 1.68 0.00 | 42.07 1.20 0.00 | 31.06 0.80 0.00 | 37.99 0.87 0.00 |
| FIBERTEK___ENERGY 23856 | 25.82 0.15 0.00 | 25.02 0.04 0.00 | 27.17 -0.10 0.00 | 24.75 -0.11 0.00 | 24.01 -0.04 0.00 | 26.08 0.03 0.00 | 28.58 0.17 0.00 | 29.01 0.20 0.00 | 29.92 0.20 0.00 | 28.51 0.16 0.00 | 34.57 0.17 0.00 | 41.66 0.09 0.00 | 42.16 0.07 0.00 | 38.84 0.04 0.00 | 39.59 0.14 0.00 | 43.72 0.16 0.00 | 57.88 0.26 0.01 | 65.88 0.37 0.24 | 70.04 0.20 1.02 | 47.39 0.19 0.00 | 45.64 0.23 0.00 | 40.83 -0.04 0.00 | 30.30 0.04 0.00 | 37.17 0.06 0.00 |
| FITZPATRICK____ 23598 | 25.11 -0.56 0.00 | 24.38 -0.61 0.00 | 26.50 -0.78 0.00 | 24.15 -0.71 0.00 | 23.42 -0.63 0.00 | 25.40 -0.65 0.00 | 27.78 -0.63 0.00 | 28.18 -0.62 0.00 | 29.07 -0.65 0.00 | 27.72 -0.63 0.00 | 33.67 -0.72 0.00 | 40.60 -0.97 0.00 | 41.15 -0.94 0.00 | 37.96 -0.84 0.00 | 38.67 -0.78 0.00 | 42.70 -0.87 0.00 | 56.44 -1.20 0.00 | 64.32 -1.42 0.00 | 69.22 -1.65 0.00 | 46.14 -1.05 0.00 | 44.44 -0.97 0.00 | 39.84 -1.03 0.00 | 29.50 -0.76 0.00 | 36.14 -0.97 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 27.43 1.76 0.00 | 26.62 1.64 0.00 | 28.58 1.30 0.00 | 26.00 1.14 0.00 | 25.14 1.08 0.00 | 27.49 1.44 0.00 | 30.05 1.64 0.00 | 30.54 1.74 0.00 | 31.50 1.77 0.00 | 30.29 1.94 0.00 | 39.61 2.36 -2.84 | 44.21 2.49 -0.14 | 44.85 2.76 0.00 | 60.41 3.64 -17.98 | 66.85 4.31 -23.08 | 245.31 4.88 -196.86 | 309.83 6.57 -245.63 | 286.46 7.59 -213.12 | 181.42 7.78 -102.77 | 267.31 4.66 -215.46 | 114.86 4.16 -65.29 | 73.01 2.97 -29.17 | 34.78 2.20 -2.31 | 97.27 2.94 -57.21 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 27.20 1.52 0.00 | 26.34 1.35 0.00 | 28.52 1.24 0.00 | 25.93 1.07 0.00 | 25.09 1.04 0.00 | 27.36 1.31 0.00 | 29.87 1.46 0.00 | 30.30 1.49 0.00 | 31.28 1.56 0.00 | 30.06 1.71 0.00 | 39.19 2.13 -2.66 | 44.30 2.60 -0.13 | 44.72 2.63 0.00 | 41.80 3.00 0.00 | 43.01 3.56 0.00 | 47.79 4.23 0.00 | 63.39 5.75 0.00 | 72.20 6.45 0.00 | 77.56 6.70 0.00 | 51.40 4.20 0.00 | 49.18 3.77 0.00 | 43.55 2.68 0.00 | 32.20 1.94 0.00 | 39.53 2.42 0.00 |
| FORT ORANGE____ 23900 | 25.93 0.25 0.00 | 25.23 0.24 0.00 | 27.53 0.25 0.00 | 25.09 0.23 0.00 | 24.28 0.23 0.00 | 26.42 0.37 0.00 | 28.67 0.27 0.00 | 28.95 0.15 0.00 | 29.87 0.15 0.00 | 28.54 0.18 0.00 | 32.04 0.07 2.43 | 41.54 0.09 0.12 | 42.12 0.03 0.00 | 39.12 0.32 0.00 | 40.11 0.66 0.00 | 44.26 0.69 0.00 | 58.46 0.82 0.00 | 66.91 1.16 0.00 | 72.31 1.45 0.00 | 48.20 1.00 0.00 | 46.37 0.96 0.00 | 41.28 0.41 0.00 | 30.73 0.47 0.00 | 37.72 0.60 0.00 |
| FORT_DRUM_COGEN 23780 | 26.32 -0.82 -1.47 | 25.65 -0.81 -1.47 | 27.77 -0.72 -1.22 | 26.23 -0.24 -1.60 | 25.79 0.16 -1.58 | 27.96 0.42 -1.50 | 29.44 0.57 -0.47 | 29.45 0.65 0.00 | 30.29 0.57 0.00 | 28.96 0.61 0.00 | 35.04 0.64 0.00 | 41.91 0.34 0.00 | 41.79 -0.30 0.00 | 38.37 -0.43 0.00 | 38.43 -1.02 0.00 | 40.07 -0.95 2.55 | 56.30 -1.19 0.14 | 62.43 -0.66 2.66 | 59.27 -0.16 11.44 | 47.33 0.13 0.00 | 46.55 1.14 0.00 | 41.62 0.75 0.00 | 30.72 0.45 0.00 | 37.55 0.43 0.00 |
| FOX_HILLS___ESR 323835 | 36.36 1.72 -8.97 | 26.61 1.62 0.00 | 28.69 1.41 0.00 | 26.02 1.17 0.00 | 25.18 1.12 0.00 | 27.46 1.41 0.00 | 29.99 1.59 0.00 | 30.44 1.63 0.00 | 31.45 1.73 0.00 | 30.27 1.92 0.00 | 39.59 2.34 -2.85 | 44.34 2.62 -0.14 | 44.61 2.52 0.00 | 41.84 3.05 0.00 | 43.02 3.57 0.00 | 47.65 4.08 0.00 | 63.31 5.67 0.00 | 71.74 6.00 0.00 | 76.95 6.08 0.00 | 51.02 3.82 0.00 | 48.79 3.38 0.00 | 43.33 2.46 0.00 | 35.18 1.85 -3.07 | 45.53 2.52 -5.89 |
| FPL FAR_ROCK_GT1 24212 | 27.81 2.13 0.00 | 26.93 1.94 0.00 | 29.00 1.73 0.00 | 26.36 1.50 0.00 | 25.50 1.45 0.00 | 27.87 1.81 0.00 | 30.46 2.05 0.00 | 30.91 2.10 0.00 | 31.90 2.18 0.00 | 30.69 2.34 0.00 | 40.25 3.00 -2.84 | 45.15 3.44 -0.14 | 45.68 3.59 0.00 | 71.11 4.03 -28.28 | 67.10 4.57 -23.08 | 245.80 5.37 -196.86 | 310.67 7.41 -245.63 | 251.91 8.20 -177.96 | 194.24 8.48 -114.90 | 268.02 5.36 -215.46 | 115.47 4.77 -65.29 | 73.56 3.52 -29.17 | 38.46 2.61 -5.58 | 104.58 3.41 -64.06 |

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|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|--------------------------|
| FPL FAR_ROCK_GT2 23815 | 27.81 2.13 0.00 | 26.93 1.94 0.00 | 29.00 1.73 0.00 | 26.36 1.50 0.00 | 25.50 1.45 0.00 | 27.87 1.81 0.00 | 30.46 2.05 0.00 | 30.91 2.10 0.00 | 31.90 2.18 0.00 | 30.69 2.34 0.00 | 40.25 3.00 -2.84 | 45.15 3.44 -0.14 | 45.68 3.59 0.00 | 71.11 4.03 -28.28 | 67.10 4.57 -23.08 | 245.80 5.37 -196.86 | 310.67 7.41 -245.63 | 251.91 8.20 -177.96 | 194.24 8.48 -114.90 | 268.02 5.36 -215.46 | 115.47 4.77 -65.29 | 73.56 3.52 -29.17 | 38.46 2.61 -5.58 | 104.58 3.41 -64.06 |
| FRANKLIN_FALL_HYD 24054 | 48.51 -1.12 -23.96 | 48.00 -0.98 -23.99 | 46.32 -0.90 -19.94 | 50.24 -0.78 -26.17 | 48.96 -0.77 -25.68 | 49.51 -0.95 -24.41 | 35.11 -0.89 -7.60 | 28.30 -0.50 0.00 | 29.74 0.02 0.00 | 28.41 0.05 0.00 | 34.47 0.06 0.00 | 41.95 0.38 0.00 | 42.19 0.10 0.00 | 38.26 -0.54 0.00 | 38.00 -1.45 0.00 | 29.72 -1.81 12.04 | 55.24 -2.21 0.19 | 60.02 -2.15 3.58 | 53.61 -1.85 15.41 | 46.13 -1.07 0.00 | 44.62 -0.79 0.00 | 41.29 0.42 0.00 | 30.60 0.33 0.00 | 37.34 0.22 0.00 |
| FREEPORT_EQUS_GT1 23764 | 27.58 1.90 0.00 | 26.73 1.74 0.00 | 28.76 1.49 0.00 | 26.14 1.28 0.00 | 25.29 1.24 0.00 | 27.63 1.58 0.00 | 30.21 1.80 0.00 | 30.68 1.87 0.00 | 31.63 1.91 0.00 | 30.43 2.08 0.00 | 39.88 2.63 -2.84 | 44.62 2.91 -0.14 | 45.03 2.94 0.00 | 72.97 3.52 -30.65 | 66.55 4.02 -23.08 | 245.17 4.74 -196.86 | 309.77 6.51 -245.63 | 251.22 7.25 -178.23 | 195.98 7.46 -117.66 | 267.37 4.71 -215.46 | 114.83 4.12 -65.29 | 73.22 3.18 -29.17 | 36.09 2.40 -3.42 | 99.75 3.10 -59.53 |
| FREEPORT___CT2 23818 | 27.58 1.90 0.00 | 26.73 1.74 0.00 | 28.76 1.49 0.00 | 26.14 1.28 0.00 | 25.29 1.24 0.00 | 27.63 1.58 0.00 | 30.21 1.80 0.00 | 30.68 1.87 0.00 | 31.63 1.91 0.00 | 30.43 2.08 0.00 | 39.88 2.63 -2.84 | 44.62 2.91 -0.14 | 45.03 2.94 0.00 | 72.97 3.52 -30.65 | 66.55 4.02 -23.08 | 245.17 4.74 -196.86 | 309.77 6.51 -245.63 | 251.22 7.25 -178.23 | 195.98 7.46 -117.66 | 267.37 4.71 -215.46 | 114.83 4.12 -65.29 | 73.22 3.18 -29.17 | 36.09 2.40 -3.42 | 99.75 3.10 -59.53 |
| FRESHKLS_33_KV_LOAD 356253 | 36.36 1.72 -8.97 | 26.69 1.70 0.00 | 28.75 1.48 0.00 | 26.06 1.20 0.00 | 25.20 1.15 0.00 | 27.49 1.44 0.00 | 30.03 1.62 0.00 | 30.47 1.67 0.00 | 31.47 1.75 0.00 | 30.27 1.92 0.00 | 39.54 2.30 -2.85 | 44.24 2.53 -0.14 | 44.54 2.45 0.00 | 41.92 3.12 0.00 | 43.09 3.64 0.00 | 47.69 4.13 0.00 | 63.39 5.76 0.00 | 71.73 5.98 0.00 | 76.96 6.09 0.00 | 51.08 3.88 0.00 | 48.83 3.42 0.00 | 43.35 2.48 0.00 | 35.18 1.84 -3.07 | 45.52 2.43 -5.97 |
| FULTON COGEN____ 23766 | 25.44 -0.23 0.00 | 24.66 -0.32 0.00 | 26.79 -0.48 0.00 | 24.42 -0.44 0.00 | 23.69 -0.37 0.00 | 25.73 -0.32 0.00 | 28.16 -0.24 0.00 | 28.58 -0.22 0.00 | 29.47 -0.25 0.00 | 28.09 -0.26 0.00 | 34.12 -0.28 0.00 | 41.12 -0.45 0.00 | 41.65 -0.44 0.00 | 38.42 -0.38 0.00 | 39.11 -0.34 0.00 | 43.30 -0.27 0.00 | 57.24 -0.38 0.02 | 64.99 -0.43 0.33 | 68.92 -0.53 1.42 | 46.85 -0.34 0.00 | 45.12 -0.29 0.00 | 40.37 -0.50 0.00 | 29.90 -0.36 0.00 | 36.63 -0.49 0.00 |
| FULTON___LFGE 323630 | 27.30 1.63 0.00 | 26.48 1.50 0.00 | 28.84 1.57 0.00 | 26.30 1.44 0.00 | 25.47 1.41 0.00 | 27.68 1.63 0.00 | 30.32 1.91 0.00 | 30.88 2.07 0.00 | 31.84 2.12 0.00 | 29.99 1.63 0.00 | 34.25 1.66 1.81 | 43.30 1.82 0.09 | 43.60 1.51 0.00 | 40.14 1.34 0.00 | 41.02 1.57 0.00 | 45.55 1.98 0.00 | 60.52 2.88 0.00 | 69.93 4.18 0.00 | 76.41 5.54 0.00 | 50.89 3.69 0.00 | 48.93 3.52 0.00 | 43.89 3.02 0.00 | 32.43 2.17 0.00 | 39.63 2.51 0.00 |
| G.F.CEMENT___DRP 24184 | 27.66 1.99 0.00 | 26.86 1.87 0.00 | 29.24 1.96 0.00 | 26.64 1.78 0.00 | 25.84 1.79 0.00 | 28.23 2.18 0.00 | 30.76 2.36 0.00 | 31.06 2.26 0.00 | 31.92 2.20 0.00 | 30.32 1.96 0.00 | 33.43 2.10 3.06 | 44.20 2.79 0.15 | 44.76 2.67 0.00 | 41.50 2.71 0.00 | 42.42 2.98 0.00 | 47.20 3.63 0.00 | 62.16 4.52 0.00 | 71.30 5.55 0.00 | 77.73 6.86 0.00 | 51.82 4.63 0.00 | 49.93 4.53 0.00 | 44.34 3.47 0.00 | 32.80 2.54 0.00 | 40.21 3.09 0.00 |
| GARDENVILLE___LBMP 24039 | 25.81 0.14 0.00 | 24.57 -0.42 0.00 | 26.50 -0.77 0.00 | 23.91 -0.95 0.00 | 23.29 -0.76 0.00 | 25.45 -0.60 0.00 | 28.46 0.05 0.00 | 29.11 0.31 0.00 | 30.09 0.36 0.00 | 28.32 -0.03 0.00 | 35.04 0.64 0.00 | 41.81 0.24 0.00 | 43.00 0.91 0.00 | 39.15 0.36 0.00 | 40.63 0.24 -0.94 | 112.92 -0.10 -69.45 | 118.66 -0.13 -61.16 | 67.59 -1.15 -2.99 | 75.77 -1.97 -6.89 | 46.30 -0.90 0.00 | 44.96 -0.45 0.00 | 40.35 -0.52 0.00 | 29.90 -0.36 0.00 | 36.49 -0.63 0.00 |
| GARDNVLA_35_KV_LD 355827 | 25.98 0.31 0.00 | 24.70 -0.29 0.00 | 26.64 -0.64 0.00 | 24.03 -0.83 0.00 | 23.41 -0.64 0.00 | 25.59 -0.46 0.00 | 28.62 0.21 0.00 | 29.28 0.47 0.00 | 30.28 0.56 0.00 | 28.50 0.15 0.00 | 35.28 0.88 0.00 | 42.09 0.52 0.00 | 43.30 1.21 0.00 | 39.45 0.65 0.00 | 40.79 0.54 -0.79 | 100.11 0.24 -56.30 | 102.57 0.30 -44.63 | 70.23 -0.68 -5.17 | 74.94 -1.52 -5.60 | 46.60 -0.60 0.00 | 45.25 -0.16 0.00 | 40.59 -0.28 0.00 | 30.07 -0.19 0.00 | 36.66 -0.45 0.00 |
| GELCKHM___115KV_LOAD 80723 | 25.66 -0.02 0.00 | 24.86 -0.13 0.00 | 27.01 -0.26 0.00 | 24.60 -0.26 0.00 | 23.85 -0.20 0.00 | 25.91 -0.14 0.00 | 28.39 -0.02 0.00 | 28.82 0.02 0.00 | 29.74 0.02 0.00 | 28.34 -0.01 0.00 | 34.43 0.03 0.00 | 41.48 -0.09 0.00 | 42.04 -0.06 0.00 | 38.76 -0.04 0.00 | 39.50 0.05 0.00 | 43.64 0.07 0.00 | 57.69 0.06 0.01 | 65.52 0.03 0.26 | 69.60 -0.16 1.10 | 47.13 -0.07 0.00 | 45.39 -0.02 0.00 | 40.62 -0.26 0.00 | 30.09 -0.18 0.00 | 36.88 -0.24 0.00 |
| GENERAL___MILLS 23808 | 25.91 0.24 0.00 | 24.65 -0.34 0.00 | 26.58 -0.69 0.00 | 23.97 -0.88 0.00 | 23.36 -0.69 0.00 | 25.53 -0.52 0.00 | 28.55 0.14 0.00 | 29.22 0.41 0.00 | 30.19 0.47 0.00 | 28.42 0.07 0.00 | 35.16 0.76 0.00 | 41.96 0.39 0.00 | 43.16 1.07 0.00 | 39.30 0.50 0.00 | 40.67 0.39 -0.83 | 103.50 0.06 -59.87 | 106.80 0.06 -49.11 | 67.23 -0.92 -2.40 | 74.63 -1.76 -5.53 | 46.44 -0.75 0.00 | 45.12 -0.29 0.00 | 40.48 -0.39 0.00 | 29.98 -0.28 0.00 | 36.58 -0.54 0.00 |
| GE_PLASTICS___DRP 24183 | 26.05 0.38 0.00 | 25.36 0.38 0.00 | 27.66 0.39 0.00 | 25.21 0.35 0.00 | 24.40 0.35 0.00 | 26.53 0.48 0.00 | 28.81 0.40 0.00 | 29.10 0.29 0.00 | 30.01 0.28 0.00 | 28.67 0.32 0.00 | 32.89 0.30 1.80 | 41.84 0.36 0.09 | 42.38 0.29 0.00 | 39.38 0.58 0.00 | 40.33 0.88 0.00 | 44.55 0.98 0.00 | 58.80 1.16 0.00 | 67.20 1.45 0.00 | 72.51 1.65 0.00 | 48.32 1.12 0.00 | 46.46 1.05 0.00 | 41.38 0.51 0.00 | 30.67 0.40 0.00 | 37.65 0.54 0.00 |
| GILBOA___1 23756 | 26.23 0.56 0.00 | 25.58 0.59 0.00 | 27.99 0.72 0.00 | 25.49 0.63 0.00 | 24.67 0.62 0.00 | 26.83 0.78 0.00 | 29.11 0.71 0.00 | 29.28 0.48 0.00 | 30.21 0.49 0.00 | 28.89 0.54 0.00 | 35.03 0.63 0.00 | 42.32 0.75 0.00 | 42.82 0.72 0.00 | 39.78 0.99 0.00 | 40.73 1.28 0.00 | 44.93 1.37 0.00 | 59.21 1.57 0.00 | 67.48 1.73 0.00 | 72.69 1.82 0.00 | 48.50 1.31 0.00 | 46.71 1.30 0.00 | 41.67 0.80 0.00 | 30.86 0.60 0.00 | 37.90 0.78 0.00 |
| GILBOA___2 23757 | 26.23 0.56 0.00 | 25.58 0.59 0.00 | 27.99 0.72 0.00 | 25.49 0.63 0.00 | 24.67 0.62 0.00 | 26.83 0.78 0.00 | 29.11 0.71 0.00 | 29.28 0.48 0.00 | 30.21 0.49 0.00 | 28.89 0.54 0.00 | 35.03 0.63 0.00 | 42.32 0.75 0.00 | 42.82 0.72 0.00 | 39.78 0.99 0.00 | 40.73 1.28 0.00 | 44.93 1.37 0.00 | 59.21 1.57 0.00 | 67.48 1.73 0.00 | 72.69 1.82 0.00 | 48.50 1.31 0.00 | 46.71 1.30 0.00 | 41.67 0.80 0.00 | 30.86 0.60 0.00 | 37.90 0.78 0.00 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| GILBOA___3 23758 | 26.23 0.56 0.00 | 25.58 0.59 0.00 | 27.99 0.72 0.00 | 25.49 0.63 0.00 | 24.67 0.62 0.00 | 26.83 0.78 0.00 | 29.11 0.71 0.00 | 29.28 0.48 0.00 | 30.21 0.49 0.00 | 28.89 0.54 0.00 | 35.03 0.63 0.00 | 42.32 0.75 0.00 | 42.82 0.72 0.00 | 39.78 0.99 0.00 | 40.73 1.28 0.00 | 44.93 1.37 0.00 | 59.21 1.57 0.00 | 67.48 1.73 0.00 | 72.69 1.82 0.00 | 48.50 1.31 0.00 | 46.71 1.30 0.00 | 41.67 0.80 0.00 | 30.86 0.60 0.00 | 37.90 0.78 0.00 |
| GILBOA___4 23759 | 26.23 0.56 0.00 | 25.58 0.59 0.00 | 27.99 0.72 0.00 | 25.49 0.63 0.00 | 24.67 0.62 0.00 | 26.83 0.78 0.00 | 29.11 0.71 0.00 | 29.28 0.48 0.00 | 30.21 0.49 0.00 | 28.89 0.54 0.00 | 35.03 0.63 0.00 | 42.32 0.75 0.00 | 42.82 0.72 0.00 | 39.78 0.99 0.00 | 40.73 1.28 0.00 | 44.93 1.37 0.00 | 59.21 1.57 0.00 | 67.48 1.73 0.00 | 72.69 1.82 0.00 | 48.50 1.31 0.00 | 46.71 1.30 0.00 | 41.67 0.80 0.00 | 30.86 0.60 0.00 | 37.90 0.78 0.00 |
| GILBOA___ 23599 | 26.23 0.56 0.00 | 25.58 0.59 0.00 | 28.00 0.72 0.00 | 25.49 0.63 0.00 | 24.67 0.62 0.00 | 26.83 0.78 0.00 | 29.12 0.71 0.00 | 29.29 0.48 0.00 | 30.21 0.49 0.00 | 28.89 0.54 0.00 | 35.03 0.63 0.00 | 42.32 0.75 0.00 | 42.82 0.73 0.00 | 39.78 0.99 0.00 | 40.74 1.29 0.00 | 44.94 1.37 0.00 | 59.21 1.57 0.00 | 67.48 1.73 0.00 | 72.70 1.83 0.00 | 48.51 1.32 0.00 | 46.71 1.30 0.00 | 41.67 0.80 0.00 | 30.86 0.60 0.00 | 37.90 0.78 0.00 |
| GINNA___ 23603 | 24.99 -0.68 0.00 | 23.98 -1.00 0.00 | 25.96 -1.32 0.00 | 23.53 -1.33 0.00 | 22.85 -1.20 0.00 | 24.90 -1.15 0.00 | 27.54 -0.87 0.00 | 28.09 -0.72 0.00 | 28.96 -0.76 0.00 | 27.48 -0.87 0.00 | 33.68 -0.73 0.00 | 40.35 -1.22 0.00 | 41.09 -1.00 0.00 | 37.63 -1.17 0.00 | 38.25 -1.15 0.06 | 37.88 -1.33 4.36 | 51.64 -1.93 4.07 | 62.87 -2.68 0.20 | 67.04 -3.37 0.46 | 45.10 -2.10 0.00 | 43.58 -1.82 0.00 | 39.07 -1.80 0.00 | 28.88 -1.38 0.00 | 35.25 -1.87 0.00 |
| GLEN PARK___ 23778 | 26.37 -0.70 -1.39 | 25.68 -0.70 -1.40 | 27.82 -0.62 -1.16 | 26.24 -0.14 -1.52 | 25.78 0.23 -1.49 | 27.96 0.49 -1.42 | 29.52 0.67 -0.44 | 29.55 0.75 0.00 | 30.38 0.66 0.00 | 29.04 0.69 0.00 | 35.15 0.75 0.00 | 42.02 0.44 0.00 | 41.93 -0.17 0.00 | 38.52 -0.28 0.00 | 38.53 -0.92 0.00 | 40.35 -0.81 2.41 | 56.50 -1.00 0.13 | 62.94 -0.28 2.52 | 60.32 0.30 10.85 | 47.66 0.46 0.00 | 46.84 1.43 0.00 | 41.85 0.98 0.00 | 30.87 0.60 0.00 | 37.70 0.58 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 27.46 1.79 0.00 | 26.59 1.60 0.00 | 28.71 1.44 0.00 | 26.08 1.23 0.00 | 25.24 1.19 0.00 | 27.52 1.47 0.00 | 30.05 1.65 0.00 | 30.54 1.74 0.00 | 31.58 1.86 0.00 | 30.42 2.07 0.00 | 39.82 2.57 -2.85 | 44.63 2.91 -0.14 | 44.88 2.79 0.00 | 41.95 3.15 0.00 | 43.18 3.73 0.00 | 47.92 4.36 0.00 | 63.64 6.00 0.00 | 72.34 6.60 0.00 | 77.59 6.72 0.00 | 51.37 4.18 0.00 | 49.11 3.70 0.00 | 43.55 2.68 0.00 | 32.30 2.04 0.00 | 40.25 2.72 -0.41 |
| GLENWOOD_IC_1_G5 23712 | 27.54 1.86 0.00 | 26.69 1.71 0.00 | 28.74 1.47 0.00 | 26.13 1.27 0.00 | 25.28 1.23 0.00 | 27.61 1.57 0.00 | 30.19 1.78 0.00 | 30.64 1.84 0.00 | 31.53 1.81 0.00 | 30.34 1.99 0.00 | 39.79 2.55 -2.84 | 44.78 3.06 -0.14 | 45.34 3.24 0.00 | 98.72 3.82 -56.11 | 66.65 4.11 -23.08 | 245.24 4.80 -196.86 | 309.83 6.57 -245.63 | 254.14 7.26 -181.13 | 225.94 7.44 -147.63 | 267.38 4.73 -215.46 | 114.80 4.11 -65.29 | 72.95 2.91 -29.17 | 35.79 2.38 -3.15 | 99.18 3.11 -58.95 |
| GLENWOOD_IC_2_G1 23688 | 27.46 1.79 0.00 | 26.63 1.64 0.00 | 28.67 1.40 0.00 | 26.06 1.20 0.00 | 25.22 1.16 0.00 | 27.54 1.49 0.00 | 30.10 1.70 0.00 | 30.56 1.76 0.00 | 31.51 1.78 0.00 | 30.31 1.95 0.00 | 39.73 2.48 -2.84 | 44.57 2.86 -0.14 | 45.09 3.00 0.00 | 136.25 3.59 -93.87 | 66.60 4.06 -23.08 | 245.16 4.73 -196.86 | 309.71 6.45 -245.63 | 258.33 7.15 -185.43 | 270.30 7.35 -192.08 | 267.35 4.69 -215.46 | 114.80 4.10 -65.29 | 72.95 2.92 -29.17 | 35.39 2.24 -2.88 | 98.46 2.95 -58.40 |
| GLENWOOD_IC_3_G1 23689 | 27.46 1.79 0.00 | 26.63 1.64 0.00 | 28.67 1.40 0.00 | 26.06 1.20 0.00 | 25.22 1.16 0.00 | 27.54 1.49 0.00 | 30.10 1.70 0.00 | 30.56 1.76 0.00 | 31.51 1.78 0.00 | 30.31 1.95 0.00 | 39.73 2.48 -2.84 | 44.57 2.86 -0.14 | 45.09 3.00 0.00 | 136.25 3.59 -93.87 | 66.60 4.06 -23.08 | 245.16 4.73 -196.86 | 309.71 6.45 -245.63 | 258.33 7.15 -185.43 | 270.30 7.35 -192.08 | 267.35 4.69 -215.46 | 114.80 4.10 -65.29 | 72.95 2.92 -29.17 | 35.39 2.24 -2.88 | 98.46 2.95 -58.40 |
| GLENWOOD___4 23550 | 27.54 1.86 0.00 | 26.69 1.71 0.00 | 28.74 1.47 0.00 | 26.13 1.27 0.00 | 25.28 1.23 0.00 | 27.61 1.57 0.00 | 30.19 1.78 0.00 | 30.65 1.84 0.00 | 31.57 1.85 0.00 | 30.38 2.03 0.00 | 39.83 2.58 -2.84 | 44.78 3.06 -0.14 | 45.34 3.24 0.00 | 98.73 3.82 -56.11 | 66.73 4.20 -23.08 | 245.34 4.92 -196.86 | 309.98 6.72 -245.63 | 254.29 7.42 -181.13 | 226.11 7.61 -147.63 | 267.49 4.83 -215.46 | 114.92 4.22 -65.29 | 73.04 3.00 -29.17 | 35.79 2.38 -3.15 | 99.18 3.11 -58.95 |
| GLENWOOD___5 23614 | 27.54 1.86 0.00 | 26.69 1.71 0.00 | 28.74 1.47 0.00 | 26.13 1.27 0.00 | 25.28 1.23 0.00 | 27.61 1.57 0.00 | 30.19 1.78 0.00 | 30.65 1.84 0.00 | 31.57 1.85 0.00 | 30.38 2.03 0.00 | 39.83 2.58 -2.84 | 44.78 3.06 -0.14 | 45.34 3.24 0.00 | 98.73 3.82 -56.11 | 66.73 4.20 -23.08 | 245.34 4.92 -196.86 | 309.98 6.72 -245.63 | 254.29 7.42 -181.13 | 226.11 7.61 -147.63 | 267.49 4.83 -215.46 | 114.92 4.22 -65.29 | 73.04 3.00 -29.17 | 35.79 2.38 -3.15 | 99.18 3.11 -58.95 |
| GLOBAL GREEN_PORT_GT1 23814 | 27.89 2.22 0.00 | 26.87 1.88 0.00 | 28.70 1.43 0.00 | 26.08 1.23 0.00 | 25.10 1.05 0.00 | 27.41 1.36 0.00 | 29.98 1.57 0.00 | 30.52 1.72 0.00 | 31.61 1.89 0.00 | 30.61 2.26 0.00 | 39.53 2.29 -2.84 | 43.81 2.09 -0.14 | 44.59 2.49 0.00 | 59.90 3.34 -17.76 | 66.59 4.06 -23.08 | 245.32 4.90 -196.86 | 310.70 7.44 -245.63 | 265.75 9.00 -191.00 | 182.56 9.17 -102.52 | 268.33 5.68 -215.46 | 116.07 5.37 -65.29 | 74.73 4.70 -29.17 | 35.50 2.93 -2.31 | 97.60 3.29 -57.19 |
| GLOBE___DSASP 323697 | 25.00 -0.67 0.00 | 23.77 -1.22 0.00 | 25.70 -1.58 0.00 | 23.17 -1.68 0.00 | 22.55 -1.50 0.00 | 24.64 -1.41 0.00 | 27.54 -0.86 0.00 | 28.14 -0.67 0.00 | 29.03 -0.69 0.00 | 27.24 -1.11 0.00 | 33.71 -0.69 0.00 | 40.01 -1.56 0.00 | 41.19 -0.91 0.00 | 37.35 -1.45 0.00 | 38.19 -1.78 -0.52 | 64.60 -2.38 -23.41 | 44.54 -3.18 9.92 | 60.72 -4.54 0.49 | 64.15 -5.59 1.12 | 44.07 -3.13 0.00 | 42.91 -2.50 0.00 | 38.74 -2.13 0.00 | 28.75 -1.52 0.00 | 35.14 -1.98 0.00 |
| GOETHSLN___LBMP 323567 | 27.10 1.43 0.00 | 26.24 1.25 0.00 | 28.34 1.06 0.00 | 25.75 0.90 0.00 | 24.93 0.88 0.00 | 27.16 1.11 0.00 | 29.66 1.25 0.00 | 30.14 1.34 0.00 | 31.12 1.40 0.00 | 29.97 1.62 0.00 | 39.26 2.02 -2.84 | 44.06 2.34 -0.14 | 44.35 2.26 0.00 | 41.53 2.74 0.00 | 42.76 3.31 0.00 | 47.44 3.87 0.00 | 62.93 5.29 0.00 | 71.62 5.88 0.00 | 76.82 5.96 0.00 | 50.90 3.70 0.00 | 48.65 3.24 0.00 | 43.13 2.26 0.00 | 31.98 1.71 0.00 | 39.28 2.17 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 26.31 0.63 0.00 | 25.15 0.16 0.00 | 27.18 -0.09 0.00 | 24.59 -0.26 0.00 | 23.90 -0.16 0.00 | 26.08 0.03 0.00 | 28.95 0.55 0.00 | 29.55 0.74 0.00 | 30.48 0.76 0.00 | 28.78 0.43 0.00 | 35.39 0.99 0.00 | 42.32 0.75 0.00 | 43.20 1.10 0.00 | 39.45 0.65 0.00 | 40.08 0.63 0.00 | 43.02 0.56 1.11 | 55.06 0.69 3.27 | 71.83 0.20 -5.88 | 71.35 -0.31 -0.79 | 47.26 0.06 0.00 | 45.72 0.31 0.00 | 41.01 0.14 0.00 | 30.34 0.07 0.00 | 37.01 -0.11 0.00 |

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| GOODYEAR_LAKE_HYD 323669 | 26.71 1.04 0.00 | 25.86 0.88 0.00 | 28.21 0.94 0.00 | 25.68 0.82 0.00 | 24.86 0.81 0.00 | 27.06 1.01 0.00 | 29.58 1.18 0.00 | 30.12 1.32 0.00 | 31.17 1.44 0.00 | 29.82 1.46 0.00 | 36.31 1.91 0.00 | 43.74 2.17 0.00 | 44.38 2.28 0.00 | 41.02 2.23 0.00 | 41.93 2.45 -0.03 | 47.97 2.74 -1.66 | 61.31 3.67 0.00 | 69.77 4.02 0.00 | 75.07 4.20 0.00 | 49.85 2.65 0.00 | 47.90 2.49 0.00 | 42.86 2.00 0.00 | 31.68 1.42 0.00 | 38.76 1.64 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 26.15 0.48 0.00 | 25.24 0.25 0.00 | 27.41 0.14 0.00 | 24.88 0.02 0.00 | 24.13 0.07 0.00 | 26.28 0.23 0.00 | 28.87 0.46 0.00 | 29.37 0.57 0.00 | 30.28 0.56 0.00 | 28.88 0.53 0.00 | 35.28 0.88 0.00 | 42.53 0.96 0.00 | 43.19 1.09 0.00 | 39.92 1.12 0.00 | 40.95 1.41 -0.08 | 51.58 1.64 -6.37 | 65.17 2.14 -5.40 | 68.01 2.00 -0.26 | 73.26 1.80 -0.60 | 48.35 1.15 0.00 | 46.55 1.14 0.00 | 41.49 0.62 0.00 | 30.71 0.45 0.00 | 37.54 0.42 0.00 |
| GOUDEY___7 23579 | 26.15 0.48 0.00 | 25.24 0.25 0.00 | 27.41 0.14 0.00 | 24.88 0.02 0.00 | 24.13 0.07 0.00 | 26.28 0.23 0.00 | 28.87 0.46 0.00 | 29.37 0.57 0.00 | 30.28 0.56 0.00 | 28.88 0.53 0.00 | 35.28 0.88 0.00 | 42.53 0.96 0.00 | 43.19 1.09 0.00 | 39.92 1.12 0.00 | 40.95 1.41 -0.08 | 51.58 1.64 -6.37 | 65.17 2.14 -5.40 | 68.01 2.00 -0.26 | 73.26 1.80 -0.60 | 48.35 1.15 0.00 | 46.55 1.14 0.00 | 41.49 0.62 0.00 | 30.71 0.45 0.00 | 37.54 0.42 0.00 |
| GOUDEY___8 23580 | 26.15 0.48 0.00 | 25.24 0.25 0.00 | 27.41 0.14 0.00 | 24.88 0.02 0.00 | 24.13 0.07 0.00 | 26.28 0.23 0.00 | 28.87 0.46 0.00 | 29.37 0.57 0.00 | 30.28 0.56 0.00 | 28.88 0.53 0.00 | 35.28 0.88 0.00 | 42.53 0.96 0.00 | 43.19 1.09 0.00 | 39.92 1.12 0.00 | 40.95 1.41 -0.08 | 51.58 1.64 -6.37 | 65.17 2.14 -5.40 | 68.01 2.00 -0.26 | 73.26 1.80 -0.60 | 48.35 1.15 0.00 | 46.55 1.14 0.00 | 41.49 0.62 0.00 | 30.71 0.45 0.00 | 37.54 0.42 0.00 |
| GOWANUS_GT1_1 24077 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.69 4.12 0.00 | 63.37 5.73 0.00 | 71.92 6.17 0.00 | 77.08 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| GOWANUS_GT1_2 24078 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.69 4.12 0.00 | 63.37 5.73 0.00 | 71.92 6.17 0.00 | 77.08 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| GOWANUS_GT1_3 24079 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.69 4.12 0.00 | 63.37 5.73 0.00 | 71.92 6.17 0.00 | 77.08 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| GOWANUS_GT1_4 24080 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.69 4.12 0.00 | 63.37 5.73 0.00 | 71.92 6.17 0.00 | 77.08 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| GOWANUS_GT1_5 24084 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.69 4.12 0.00 | 63.37 5.73 0.00 | 71.92 6.17 0.00 | 77.08 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| GOWANUS_GT1_6 24111 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.69 4.12 0.00 | 63.37 5.73 0.00 | 71.92 6.17 0.00 | 77.08 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| GOWANUS_GT1_7 24112 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.69 4.12 0.00 | 63.37 5.73 0.00 | 71.92 6.17 0.00 | 77.08 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| GOWANUS_GT1_8 24113 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.69 4.12 0.00 | 63.37 5.73 0.00 | 71.92 6.17 0.00 | 77.08 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| GOWANUS_GT2_1 24114 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.65 4.08 0.00 | 63.32 5.68 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| GOWANUS_GT2_2 24115 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.65 4.08 0.00 | 63.32 5.68 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| GOWANUS_GT2_3 24116 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.65 4.08 0.00 | 63.32 5.68 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |

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|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|
| GOWANUS_GT2_4 24117 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.65 4.08 0.00 | 63.32 5.68 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| GOWANUS_GT2_5 24118 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.65 4.08 0.00 | 63.32 5.68 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| GOWANUS_GT2_6 24119 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.65 4.08 0.00 | 63.32 5.68 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| GOWANUS_GT2_7 24120 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.65 4.08 0.00 | 63.32 5.68 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| GOWANUS_GT2_8 24121 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.65 4.08 0.00 | 63.32 5.68 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| GOWANUS_GT3_1 24122 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.33 5.70 0.00 | 71.88 6.13 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| GOWANUS_GT3_2 24123 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.33 5.70 0.00 | 71.88 6.13 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| GOWANUS_GT3_3 24124 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.33 5.70 0.00 | 71.88 6.13 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| GOWANUS_GT3_4 24125 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.33 5.70 0.00 | 71.88 6.13 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| GOWANUS_GT3_5 24126 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.33 5.70 0.00 | 71.88 6.13 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| GOWANUS_GT3_6 24127 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.33 5.70 0.00 | 71.88 6.13 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| GOWANUS_GT3_7 24128 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.33 5.70 0.00 | 71.88 6.13 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| GOWANUS_GT3_8 24129 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.33 5.70 0.00 | 71.88 6.13 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| GOWANUS_GT4_1 24130 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.68 4.11 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.07 6.21 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 79.00 2.69 -39.19 |
| GOWANUS_GT4_2 24131 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.68 4.11 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.07 6.21 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 79.00 2.69 -39.19 |

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|---|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| GOWANUS_GT4_3 24132 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.68 4.11 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.07 6.21 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 79.00 2.69 -39.19 |
| GOWANUS_GT4_4 24133 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.68 4.11 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.07 6.21 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 79.00 2.69 -39.19 |
| GOWANUS_GT4_5 24134 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.68 4.11 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.07 6.21 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 79.00 2.69 -39.19 |
| GOWANUS_GT4_6 24135 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.68 4.11 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.07 6.21 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 79.00 2.69 -39.19 |
| GOWANUS_GT4_7 24136 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.68 4.11 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.07 6.21 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 79.00 2.69 -39.19 |
| GOWANUS_GT4_8 24137 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.68 4.11 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.07 6.21 0.00 | 51.09 3.89 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 79.00 2.69 -39.19 |
| GREENBSH_115KV_TB3 55895 | 25.92 0.24 0.00 | 25.23 0.24 0.00 | 27.52 0.25 0.00 | 25.09 0.23 0.00 | 24.28 0.23 0.00 | 26.40 0.36 0.00 | 28.64 0.24 0.00 | 28.92 0.11 0.00 | 29.84 0.11 0.00 | 28.49 0.14 0.00 | 31.85 0.06 2.61 | 41.53 0.09 0.13 | 42.12 0.02 0.00 | 39.16 0.37 0.00 | 40.13 0.68 0.00 | 44.33 0.76 0.00 | 58.48 0.84 0.00 | 66.86 1.11 0.00 | 72.18 1.31 0.00 | 48.07 0.88 0.00 | 46.23 0.83 0.00 | 41.15 0.28 0.00 | 30.50 0.24 0.00 | 37.45 0.33 0.00 |
| GREENIDGE_115KV_TB5 80291 | 26.22 0.54 0.00 | 25.20 0.22 0.00 | 27.24 -0.04 0.00 | 24.68 -0.18 0.00 | 23.96 -0.09 0.00 | 26.18 0.13 0.00 | 29.01 0.60 0.00 | 29.64 0.84 0.00 | 30.64 0.92 0.00 | 29.14 0.79 0.00 | 35.40 1.00 0.00 | 42.41 0.84 0.00 | 43.28 1.19 0.00 | 39.88 1.08 0.00 | 40.69 1.12 -0.12 | 53.93 1.31 -9.05 | 67.29 1.96 -7.70 | 67.91 1.78 -0.37 | 73.34 1.61 -0.86 | 48.44 1.24 0.00 | 46.68 1.27 0.00 | 41.67 0.80 0.00 | 30.93 0.67 0.00 | 37.58 0.47 0.00 |
| GREENIDGE___3 23582 | 26.22 0.54 0.00 | 25.20 0.22 0.00 | 27.24 -0.04 0.00 | 24.68 -0.18 0.00 | 23.96 -0.09 0.00 | 26.18 0.13 0.00 | 29.01 0.60 0.00 | 29.64 0.84 0.00 | 30.64 0.92 0.00 | 29.14 0.79 0.00 | 35.40 1.00 0.00 | 42.41 0.84 0.00 | 43.28 1.19 0.00 | 39.88 1.08 0.00 | 40.69 1.12 -0.12 | 53.93 1.31 -9.05 | 67.29 1.96 -7.70 | 67.91 1.78 -0.37 | 73.34 1.61 -0.86 | 48.44 1.24 0.00 | 46.68 1.27 0.00 | 41.67 0.80 0.00 | 30.93 0.67 0.00 | 37.58 0.47 0.00 |
| GREENIDGE___4 23583 | 26.22 0.54 0.00 | 25.20 0.22 0.00 | 27.24 -0.04 0.00 | 24.68 -0.18 0.00 | 23.96 -0.09 0.00 | 26.19 0.14 0.00 | 29.01 0.60 0.00 | 29.64 0.84 0.00 | 30.64 0.92 0.00 | 29.14 0.79 0.00 | 35.39 0.99 0.00 | 42.41 0.84 0.00 | 43.28 1.19 0.00 | 39.88 1.09 0.00 | 40.74 1.16 -0.12 | 53.98 1.37 -9.05 | 67.31 1.98 -7.70 | 67.91 1.79 -0.37 | 73.32 1.59 -0.86 | 48.45 1.25 0.00 | 46.68 1.27 0.00 | 41.67 0.80 0.00 | 30.93 0.67 0.00 | 37.56 0.45 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 27.32 1.64 0.00 | 26.57 1.58 0.00 | 28.57 1.30 0.00 | 25.99 1.13 0.00 | 25.14 1.08 0.00 | 27.47 1.41 0.00 | 30.00 1.60 0.00 | 30.45 1.64 0.00 | 31.35 1.63 0.00 | 30.09 1.74 0.00 | 39.33 2.08 -2.84 | 43.83 2.12 -0.14 | 44.38 2.28 0.00 | 60.69 3.07 -18.82 | 66.22 3.68 -23.08 | 244.79 4.36 -196.86 | 309.18 5.92 -245.63 | 233.65 6.55 -161.36 | 181.31 6.69 -103.76 | 266.97 4.32 -215.46 | 114.38 3.69 -65.29 | 72.50 2.47 -29.17 | 34.40 1.79 -2.34 | 96.89 2.50 -57.27 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.70 4.13 0.00 | 63.37 5.73 0.00 | 71.92 6.18 0.00 | 77.09 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |
| GRISSOM___SOLAR 323813 | 27.24 1.56 0.00 | 26.44 1.45 0.00 | 28.79 1.51 0.00 | 26.23 1.37 0.00 | 25.41 1.36 0.00 | 27.63 1.58 0.00 | 30.24 1.84 0.00 | 30.76 1.95 0.00 | 31.68 1.96 0.00 | 29.76 1.41 0.00 | 33.87 1.32 1.85 | 43.01 1.54 0.09 | 43.19 1.09 0.00 | 39.75 0.96 0.00 | 40.69 1.24 0.00 | 45.20 1.63 0.00 | 59.96 2.32 0.00 | 69.56 3.82 0.00 | 76.20 5.34 0.00 | 50.76 3.57 0.00 | 48.82 3.41 0.00 | 43.72 2.86 0.00 | 32.30 2.04 0.00 | 39.49 2.37 0.00 |
| GROVEVILLE___HYD 323602 | 27.20 1.52 0.00 | 26.34 1.35 0.00 | 28.52 1.24 0.00 | 25.93 1.07 0.00 | 25.09 1.04 0.00 | 27.36 1.31 0.00 | 29.87 1.46 0.00 | 30.30 1.49 0.00 | 31.28 1.56 0.00 | 30.06 1.71 0.00 | 39.19 2.13 -2.66 | 44.30 2.60 -0.13 | 44.72 2.63 0.00 | 41.80 3.00 0.00 | 43.01 3.56 0.00 | 47.79 4.23 0.00 | 63.39 5.75 0.00 | 72.20 6.45 0.00 | 77.56 6.70 0.00 | 51.40 4.20 0.00 | 49.18 3.77 0.00 | 43.55 2.68 0.00 | 32.20 1.94 0.00 | 39.53 2.42 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 25.82 0.15 0.00 | 25.02 0.04 0.00 | 27.17 -0.10 0.00 | 24.75 -0.11 0.00 | 24.01 -0.04 0.00 | 26.08 0.03 0.00 | 28.58 0.17 0.00 | 29.01 0.20 0.00 | 29.92 0.20 0.00 | 28.51 0.16 0.00 | 34.57 0.17 0.00 | 41.66 0.09 0.00 | 42.16 0.07 0.00 | 38.84 0.04 0.00 | 39.59 0.14 0.00 | 43.72 0.16 0.00 | 57.88 0.26 0.01 | 65.88 0.37 0.24 | 70.04 0.20 1.02 | 47.39 0.19 0.00 | 45.64 0.23 0.00 | 40.83 -0.04 0.00 | 30.30 0.04 0.00 | 37.17 0.06 0.00 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|--------------------------|
| HAMLTNNY_34_KV_TB 80303 | 25.81 0.14 0.00 | 25.02 0.03 0.00 | 27.15 -0.12 0.00 | 24.74 -0.12 0.00 | 24.00 -0.05 0.00 | 26.08 0.04 0.00 | 28.60 0.19 0.00 | 29.03 0.23 0.00 | 29.91 0.19 0.00 | 28.56 0.21 0.00 | 34.65 0.25 0.00 | 41.78 0.21 0.00 | 42.40 0.31 0.00 | 39.04 0.24 0.00 | 39.78 0.33 0.00 | 43.95 0.38 0.00 | 58.25 0.62 0.01 | 66.46 0.92 0.21 | 70.64 0.69 0.92 | 47.73 0.53 0.00 | 45.99 0.58 0.00 | 41.10 0.23 0.00 | 30.42 0.16 0.00 | 37.24 0.12 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 28.30 -1.04 -3.66 | 27.74 -0.91 -3.67 | 29.56 -0.77 -3.05 | 28.39 -0.46 -4.00 | 27.72 -0.26 -3.93 | 29.56 -0.22 -3.74 | 29.38 -0.18 -1.16 | 28.73 -0.08 0.00 | 29.65 -0.07 0.00 | 28.20 -0.15 0.00 | 34.12 -0.28 0.00 | 41.12 -0.45 0.00 | 41.33 -0.77 0.00 | 37.75 -1.05 0.00 | 37.59 -1.86 0.00 | 34.69 -2.05 6.82 | 54.78 -2.50 0.36 | 56.58 -2.53 6.63 | 39.98 -2.34 28.54 | 45.86 -1.33 0.00 | 44.72 -0.69 0.00 | 40.82 -0.05 0.00 | 30.19 -0.07 0.00 | 36.92 -0.19 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 25.77 0.10 0.00 | 25.05 0.06 0.00 | 27.29 0.02 0.00 | 24.92 0.06 0.00 | 24.05 0.00 0.00 | 26.15 0.10 0.00 | 28.48 0.07 0.00 | 28.87 0.06 0.00 | 29.91 0.19 0.00 | 28.47 0.12 0.00 | 34.29 -0.11 0.00 | 41.43 -0.14 0.00 | 41.62 -0.47 0.00 | 38.65 -0.15 0.00 | 39.84 0.39 0.00 | 44.82 0.62 -0.63 | 58.27 0.65 0.01 | 66.79 1.26 0.22 | 71.72 1.78 0.93 | 48.58 1.38 0.00 | 46.81 1.40 0.00 | 41.54 0.67 0.00 | 30.66 0.40 0.00 | 37.55 0.44 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 27.06 1.38 0.00 | 26.20 1.21 0.00 | 28.34 1.07 0.00 | 25.74 0.89 0.00 | 24.92 0.87 0.00 | 27.15 1.10 0.00 | 29.65 1.24 0.00 | 30.12 1.31 0.00 | 31.08 1.36 0.00 | 29.92 1.56 0.00 | 38.84 1.99 -2.45 | 44.12 2.42 -0.12 | 44.56 2.47 0.00 | 41.64 2.84 0.00 | 42.84 3.39 0.00 | 47.60 4.04 0.00 | 63.13 5.50 0.00 | 71.90 6.16 0.00 | 77.19 6.33 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.30 2.43 0.00 | 32.02 1.76 0.00 | 39.30 2.19 0.00 |
| HARSNRAD_115KV_TB1 81005 | 25.53 -0.14 0.00 | 24.26 -0.73 0.00 | 26.19 -1.08 0.00 | 23.61 -1.25 0.00 | 22.99 -1.06 0.00 | 25.13 -0.92 0.00 | 28.06 -0.34 0.00 | 28.65 -0.15 0.00 | 29.57 -0.15 0.00 | 27.73 -0.62 0.00 | 34.28 -0.12 0.00 | 40.73 -0.84 0.00 | 41.92 -0.17 0.00 | 38.06 -0.74 0.00 | 38.76 -0.98 -0.29 | 59.19 -1.51 -17.14 | 62.25 -2.06 -6.67 | -111.10 -3.32 173.53 | 33.92 -4.24 32.71 | 44.92 -2.28 0.00 | 43.73 -1.68 0.00 | 39.38 -1.49 0.00 | 29.26 -1.00 0.00 | 35.87 -1.25 0.00 |
| HARZA MOOSE___RIVER 24016 | 26.43 -0.27 -1.02 | 25.77 -0.24 -1.02 | 27.96 -0.16 -0.85 | 26.07 0.10 -1.12 | 25.47 0.32 -1.10 | 27.61 0.52 -1.04 | 29.40 0.67 -0.32 | 29.52 0.71 0.00 | 30.46 0.74 0.00 | 29.07 0.72 0.00 | 35.22 0.82 0.00 | 42.39 0.82 0.00 | 42.72 0.62 0.00 | 39.31 0.52 0.00 | 39.80 0.34 0.00 | 42.63 0.48 1.42 | 58.27 0.73 0.10 | 64.91 1.02 1.85 | 64.25 1.34 7.96 | 48.19 0.99 0.00 | 46.79 1.38 0.00 | 41.88 1.01 0.00 | 30.94 0.68 0.00 | 37.86 0.75 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 25.75 0.07 0.00 | 24.92 -0.07 0.00 | 27.08 -0.19 0.00 | 24.64 -0.21 0.00 | 23.90 -0.15 0.00 | 25.97 -0.08 0.00 | 28.47 0.06 0.00 | 28.92 0.12 0.00 | 29.85 0.13 0.00 | 28.45 0.10 0.00 | 34.59 0.19 0.00 | 41.67 0.10 0.00 | 42.27 0.17 0.00 | 39.00 0.21 0.00 | 39.79 0.34 0.00 | 43.96 0.39 0.00 | 58.03 0.41 0.01 | 65.74 0.25 0.26 | 69.85 0.11 1.12 | 47.27 0.07 0.00 | 45.53 0.12 0.00 | 40.69 -0.17 0.00 | 30.12 -0.14 0.00 | 36.90 -0.21 0.00 |
| HELLGATE_13_KV_LD 55870 | 27.31 1.64 0.00 | 26.46 1.47 0.00 | 28.58 1.31 0.00 | 25.97 1.11 0.00 | 25.13 1.08 0.00 | 27.39 1.34 0.00 | 29.90 1.50 0.00 | 30.37 1.57 0.00 | 31.39 1.66 0.00 | 30.23 1.88 0.00 | 39.57 2.32 -2.85 | 44.32 2.61 -0.14 | 44.58 2.49 0.00 | 41.68 2.89 0.00 | 42.90 3.44 0.00 | 47.61 4.04 0.00 | 63.18 5.54 0.00 | 71.85 6.10 0.00 | 77.07 6.20 0.00 | 51.02 3.82 0.00 | 48.78 3.36 0.00 | 43.27 2.40 0.00 | 32.11 1.84 0.00 | 39.61 2.50 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 27.31 1.64 0.00 | 26.46 1.47 0.00 | 28.58 1.31 0.00 | 25.97 1.11 0.00 | 25.13 1.08 0.00 | 27.39 1.34 0.00 | 29.90 1.50 0.00 | 30.37 1.57 0.00 | 31.39 1.66 0.00 | 30.23 1.88 0.00 | 39.57 2.32 -2.85 | 44.32 2.61 -0.14 | 44.58 2.49 0.00 | 41.68 2.89 0.00 | 42.90 3.44 0.00 | 47.61 4.04 0.00 | 63.18 5.54 0.00 | 71.85 6.10 0.00 | 77.07 6.20 0.00 | 51.02 3.82 0.00 | 48.78 3.36 0.00 | 43.27 2.40 0.00 | 32.11 1.84 0.00 | 39.61 2.50 0.00 |
| HEMPSTEAD____ 23647 | 27.39 1.71 0.00 | 26.56 1.57 0.00 | 28.58 1.31 0.00 | 25.99 1.13 0.00 | 25.14 1.09 0.00 | 27.47 1.42 0.00 | 30.03 1.62 0.00 | 30.49 1.68 0.00 | 31.42 1.70 0.00 | 30.24 1.88 0.00 | 39.64 2.39 -2.84 | 44.41 2.70 -0.14 | 44.90 2.81 0.00 | 81.40 3.44 -39.16 | 66.44 3.91 -23.08 | 245.03 4.60 -196.86 | 309.55 6.29 -245.63 | 251.92 6.97 -179.20 | 205.70 7.15 -127.69 | 267.18 4.52 -215.46 | 114.63 3.93 -65.29 | 72.84 2.80 -29.17 | 35.58 2.15 -3.16 | 98.95 2.85 -58.98 |
| HEWLETT_69_KV_BK3 55828 | 27.65 1.98 0.00 | 26.79 1.81 0.00 | 28.86 1.58 0.00 | 26.23 1.37 0.00 | 25.38 1.33 0.00 | 27.72 1.67 0.00 | 30.29 1.89 0.00 | 30.74 1.93 0.00 | 31.71 1.99 0.00 | 30.52 2.17 0.00 | 40.00 2.76 -2.84 | 44.85 3.13 -0.14 | 45.38 3.28 0.00 | 70.88 3.80 -28.28 | 66.86 4.33 -23.08 | 245.53 5.10 -196.86 | 310.24 6.98 -245.63 | 251.43 7.73 -177.96 | 193.73 7.97 -114.90 | 267.70 5.04 -215.46 | 115.16 4.46 -65.29 | 73.30 3.27 -29.17 | 38.28 2.43 -5.58 | 104.37 3.20 -64.05 |
| HICKLING___1 23621 | 26.13 0.46 0.00 | 25.11 0.12 0.00 | 27.11 -0.16 0.00 | 24.54 -0.32 0.00 | 23.81 -0.24 0.00 | 26.04 -0.01 0.00 | 28.88 0.48 0.00 | 29.52 0.72 0.00 | 30.47 0.75 0.00 | 29.02 0.67 0.00 | 35.61 1.21 0.00 | 42.91 1.34 0.00 | 43.78 1.69 0.00 | 40.38 1.58 0.00 | 41.54 1.92 -0.17 | 58.42 2.17 -12.68 | 71.41 2.90 -10.87 | 68.85 2.57 -0.53 | 74.29 2.21 -1.22 | 48.65 1.46 0.00 | 46.91 1.50 0.00 | 41.70 0.83 0.00 | 30.84 0.57 0.00 | 37.56 0.44 0.00 |
| HICKLING___2 23622 | 26.13 0.46 0.00 | 25.11 0.12 0.00 | 27.11 -0.16 0.00 | 24.54 -0.32 0.00 | 23.81 -0.24 0.00 | 26.04 -0.01 0.00 | 28.88 0.48 0.00 | 29.52 0.72 0.00 | 30.47 0.75 0.00 | 29.02 0.67 0.00 | 35.61 1.21 0.00 | 42.91 1.34 0.00 | 43.78 1.69 0.00 | 40.38 1.58 0.00 | 41.54 1.92 -0.17 | 58.42 2.17 -12.68 | 71.41 2.90 -10.87 | 68.85 2.57 -0.53 | 74.29 2.21 -1.22 | 48.65 1.46 0.00 | 46.91 1.50 0.00 | 41.70 0.83 0.00 | 30.84 0.57 0.00 | 37.56 0.44 0.00 |
| HIGH FALLS___HY 23754 | 27.00 1.33 0.00 | 26.12 1.14 0.00 | 28.24 0.97 0.00 | 25.65 0.80 0.00 | 24.83 0.77 0.00 | 27.05 1.00 0.00 | 29.57 1.17 0.00 | 30.03 1.23 0.00 | 30.99 1.27 0.00 | 29.81 1.46 0.00 | 37.86 1.87 -1.60 | 43.98 2.33 -0.08 | 44.45 2.36 0.00 | 41.60 2.81 0.00 | 42.71 3.26 0.00 | 47.71 4.14 0.00 | 63.30 5.67 0.00 | 72.21 6.46 0.00 | 77.46 6.59 0.00 | 51.33 4.13 0.00 | 49.08 3.67 0.00 | 43.44 2.57 0.00 | 32.07 1.81 0.00 | 39.34 2.22 0.00 |
| HIGH_RIVER___SOLAR 323847 | 26.72 1.05 0.00 | 25.96 0.97 0.00 | 28.29 1.01 0.00 | 25.78 0.92 0.00 | 24.96 0.91 0.00 | 27.13 1.08 0.00 | 29.60 1.19 0.00 | 30.00 1.19 0.00 | 30.92 1.20 0.00 | 29.19 0.83 0.00 | 33.28 0.87 1.98 | 42.35 0.88 0.10 | 42.78 0.68 0.00 | 39.38 0.58 0.00 | 40.24 0.79 0.00 | 44.66 1.09 0.00 | 59.67 2.03 0.00 | 68.67 2.92 0.00 | 74.45 3.59 0.00 | 49.61 2.42 0.00 | 47.71 2.30 0.00 | 42.67 1.80 0.00 | 31.55 1.29 0.00 | 38.66 1.55 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| HILLBURN___GT 23639 | 27.00 1.33 0.00 | 26.15 1.16 0.00 | 28.26 0.99 0.00 | 25.67 0.81 0.00 | 24.84 0.79 0.00 | 27.07 1.01 0.00 | 29.56 1.16 0.00 | 30.02 1.21 0.00 | 30.98 1.25 0.00 | 29.82 1.47 0.00 | 38.79 1.86 -2.53 | 43.92 2.22 -0.13 | 44.34 2.24 0.00 | 41.46 2.66 0.00 | 42.64 3.19 0.00 | 47.35 3.79 0.00 | 62.83 5.20 0.00 | 71.49 5.74 0.00 | 76.72 5.85 0.00 | 50.77 3.58 0.00 | 48.56 3.15 0.00 | 43.02 2.15 0.00 | 31.85 1.58 0.00 | 39.14 2.02 0.00 |
| HILLSIDE_115KV_TB1 80332 | 25.84 0.17 0.00 | 24.85 -0.14 0.00 | 26.85 -0.42 0.00 | 24.33 -0.53 0.00 | 23.60 -0.45 0.00 | 25.77 -0.28 0.00 | 28.51 0.10 0.00 | 29.10 0.29 0.00 | 29.99 0.27 0.00 | 28.58 0.23 0.00 | 35.03 0.63 0.00 | 42.30 0.73 0.00 | 43.08 0.98 0.00 | 39.76 0.96 0.00 | 40.96 1.35 -0.15 | 56.46 1.60 -11.29 | 69.39 2.12 -9.63 | 67.94 1.73 -0.47 | 73.15 1.21 -1.08 | 47.92 0.72 0.00 | 46.17 0.76 0.00 | 41.02 0.15 0.00 | 30.36 0.09 0.00 | 37.00 -0.12 0.00 |
| HISHELDN_WT_PWR 323625 | 25.57 -0.11 0.00 | 24.37 -0.62 0.00 | 26.28 -0.99 0.00 | 23.68 -1.18 0.00 | 23.07 -0.98 0.00 | 25.25 -0.80 0.00 | 28.25 -0.16 0.00 | 28.93 0.13 0.00 | 29.93 0.21 0.00 | 28.23 -0.12 0.00 | 34.85 0.45 0.00 | 41.66 0.09 0.00 | 42.78 0.69 0.00 | 39.09 0.29 0.00 | 40.32 0.31 -0.56 | 85.57 0.10 -41.90 | 94.61 -0.05 -37.02 | 66.50 -1.06 -1.81 | 73.25 -1.78 -4.17 | 46.43 -0.77 0.00 | 45.02 -0.39 0.00 | 40.37 -0.50 0.00 | 29.93 -0.34 0.00 | 36.52 -0.60 0.00 |
| HOLTSVILLE_IC_1 23690 | 27.27 1.60 0.00 | 26.49 1.50 0.00 | 28.43 1.16 0.00 | 25.87 1.01 0.00 | 25.01 0.96 0.00 | 27.34 1.29 0.00 | 29.87 1.46 0.00 | 30.36 1.55 0.00 | 31.28 1.56 0.00 | 30.08 1.72 0.00 | 39.30 2.06 -2.84 | 43.81 2.10 -0.14 | 44.40 2.31 0.00 | 59.65 3.16 -17.70 | 66.38 3.85 -23.08 | 244.82 4.39 -196.86 | 309.15 5.89 -245.63 | 261.44 6.82 -188.87 | 180.34 7.03 -102.44 | 266.94 4.28 -215.46 | 114.53 3.83 -65.29 | 72.70 2.66 -29.17 | 34.49 1.93 -2.30 | 96.91 2.61 -57.18 |
| HOLTSVILLE_IC_10 23699 | 27.41 1.74 0.00 | 26.60 1.62 0.00 | 28.55 1.28 0.00 | 25.98 1.12 0.00 | 25.11 1.06 0.00 | 27.46 1.41 0.00 | 30.01 1.61 0.00 | 30.52 1.72 0.00 | 31.47 1.75 0.00 | 30.26 1.91 0.00 | 39.55 2.31 -2.84 | 44.14 2.43 -0.14 | 44.78 2.68 0.00 | 60.35 3.55 -18.00 | 66.82 4.28 -23.08 | 245.28 4.85 -196.86 | 309.74 6.48 -245.63 | 270.76 7.54 -197.47 | 181.37 7.71 -102.80 | 267.09 4.43 -215.46 | 114.84 4.14 -65.29 | 73.07 3.03 -29.17 | 34.76 2.17 -2.32 | 97.23 2.90 -57.22 |
| HOLTSVILLE_IC_2 23691 | 27.27 1.60 0.00 | 26.49 1.50 0.00 | 28.43 1.16 0.00 | 25.87 1.01 0.00 | 25.01 0.96 0.00 | 27.34 1.29 0.00 | 29.87 1.46 0.00 | 30.36 1.55 0.00 | 31.28 1.56 0.00 | 30.08 1.72 0.00 | 39.30 2.06 -2.84 | 43.81 2.10 -0.14 | 44.40 2.31 0.00 | 59.65 3.16 -17.70 | 66.38 3.85 -23.08 | 244.82 4.39 -196.86 | 309.15 5.89 -245.63 | 261.44 6.82 -188.87 | 180.34 7.03 -102.44 | 266.94 4.28 -215.46 | 114.53 3.83 -65.29 | 72.70 2.66 -29.17 | 34.49 1.93 -2.30 | 96.91 2.61 -57.18 |
| HOLTSVILLE_IC_3 23692 | 27.27 1.60 0.00 | 26.49 1.50 0.00 | 28.43 1.16 0.00 | 25.87 1.01 0.00 | 25.01 0.96 0.00 | 27.34 1.29 0.00 | 29.87 1.46 0.00 | 30.36 1.55 0.00 | 31.28 1.56 0.00 | 30.08 1.72 0.00 | 39.30 2.06 -2.84 | 43.81 2.10 -0.14 | 44.40 2.31 0.00 | 59.65 3.16 -17.70 | 66.38 3.85 -23.08 | 244.82 4.39 -196.86 | 309.15 5.89 -245.63 | 261.44 6.82 -188.87 | 180.34 7.03 -102.44 | 266.94 4.28 -215.46 | 114.53 3.83 -65.29 | 72.70 2.66 -29.17 | 34.49 1.93 -2.30 | 96.91 2.61 -57.18 |
| HOLTSVILLE_IC_4 23693 | 27.27 1.60 0.00 | 26.49 1.50 0.00 | 28.43 1.16 0.00 | 25.87 1.01 0.00 | 25.01 0.96 0.00 | 27.34 1.29 0.00 | 29.87 1.46 0.00 | 30.36 1.55 0.00 | 31.28 1.56 0.00 | 30.08 1.72 0.00 | 39.30 2.06 -2.84 | 43.81 2.10 -0.14 | 44.40 2.31 0.00 | 59.65 3.16 -17.70 | 66.38 3.85 -23.08 | 244.82 4.39 -196.86 | 309.15 5.89 -245.63 | 261.44 6.82 -188.87 | 180.34 7.03 -102.44 | 266.94 4.28 -215.46 | 114.53 3.83 -65.29 | 72.70 2.66 -29.17 | 34.49 1.93 -2.30 | 96.91 2.61 -57.18 |
| HOLTSVILLE_IC_5 23694 | 27.27 1.60 0.00 | 26.49 1.50 0.00 | 28.43 1.16 0.00 | 25.87 1.01 0.00 | 25.01 0.96 0.00 | 27.34 1.29 0.00 | 29.87 1.46 0.00 | 30.36 1.55 0.00 | 31.28 1.56 0.00 | 30.08 1.72 0.00 | 39.30 2.06 -2.84 | 43.81 2.10 -0.14 | 44.40 2.31 0.00 | 59.65 3.16 -17.70 | 66.38 3.85 -23.08 | 244.82 4.39 -196.86 | 309.15 5.89 -245.63 | 261.44 6.82 -188.87 | 180.34 7.03 -102.44 | 266.94 4.28 -215.46 | 114.53 3.83 -65.29 | 72.70 2.66 -29.17 | 34.49 1.93 -2.30 | 96.91 2.61 -57.18 |
| HOLTSVILLE_IC_6 23695 | 27.41 1.74 0.00 | 26.60 1.62 0.00 | 28.55 1.28 0.00 | 25.98 1.12 0.00 | 25.11 1.06 0.00 | 27.46 1.41 0.00 | 30.01 1.61 0.00 | 30.52 1.72 0.00 | 31.47 1.75 0.00 | 30.26 1.91 0.00 | 39.55 2.31 -2.84 | 44.14 2.43 -0.14 | 44.78 2.68 0.00 | 60.35 3.55 -18.00 | 66.82 4.28 -23.08 | 245.28 4.85 -196.86 | 309.74 6.48 -245.63 | 270.76 7.54 -197.47 | 181.37 7.71 -102.80 | 267.09 4.43 -215.46 | 114.84 4.14 -65.29 | 73.07 3.03 -29.17 | 34.76 2.17 -2.32 | 97.23 2.90 -57.22 |
| HOLTSVILLE_IC_7 23696 | 27.41 1.74 0.00 | 26.60 1.62 0.00 | 28.55 1.28 0.00 | 25.98 1.12 0.00 | 25.11 1.06 0.00 | 27.46 1.41 0.00 | 30.01 1.61 0.00 | 30.52 1.72 0.00 | 31.47 1.75 0.00 | 30.26 1.91 0.00 | 39.55 2.31 -2.84 | 44.14 2.43 -0.14 | 44.78 2.68 0.00 | 60.35 3.55 -18.00 | 66.82 4.28 -23.08 | 245.28 4.85 -196.86 | 309.74 6.48 -245.63 | 270.76 7.54 -197.47 | 181.37 7.71 -102.80 | 267.09 4.43 -215.46 | 114.84 4.14 -65.29 | 73.07 3.03 -29.17 | 34.76 2.17 -2.32 | 97.23 2.90 -57.22 |
| HOLTSVILLE_IC_8 23697 | 27.41 1.74 0.00 | 26.60 1.62 0.00 | 28.55 1.28 0.00 | 25.98 1.12 0.00 | 25.11 1.06 0.00 | 27.46 1.41 0.00 | 30.01 1.61 0.00 | 30.52 1.72 0.00 | 31.47 1.75 0.00 | 30.26 1.91 0.00 | 39.55 2.31 -2.84 | 44.14 2.43 -0.14 | 44.78 2.68 0.00 | 60.35 3.55 -18.00 | 66.82 4.28 -23.08 | 245.28 4.85 -196.86 | 309.74 6.48 -245.63 | 270.76 7.54 -197.47 | 181.37 7.71 -102.80 | 267.09 4.43 -215.46 | 114.84 4.14 -65.29 | 73.07 3.03 -29.17 | 34.76 2.17 -2.32 | 97.23 2.90 -57.22 |
| HOLTSVILLE_IC_9 23698 | 27.41 1.74 0.00 | 26.60 1.62 0.00 | 28.55 1.28 0.00 | 25.98 1.12 0.00 | 25.11 1.06 0.00 | 27.46 1.41 0.00 | 30.01 1.61 0.00 | 30.52 1.72 0.00 | 31.47 1.75 0.00 | 30.26 1.91 0.00 | 39.55 2.31 -2.84 | 44.14 2.43 -0.14 | 44.78 2.68 0.00 | 60.35 3.55 -18.00 | 66.82 4.28 -23.08 | 245.28 4.85 -196.86 | 309.74 6.48 -245.63 | 270.76 7.54 -197.47 | 181.37 7.71 -102.80 | 267.09 4.43 -215.46 | 114.84 4.14 -65.29 | 73.07 3.03 -29.17 | 34.76 2.17 -2.32 | 97.23 2.90 -57.22 |
| HOMER_HL_115KV_TB2 355744 | 26.35 0.67 0.00 | 25.30 0.31 0.00 | 27.23 -0.04 0.00 | 24.58 -0.28 0.00 | 23.91 -0.14 0.00 | 26.16 0.11 0.00 | 29.16 0.76 0.00 | 29.83 1.03 0.00 | 30.66 0.93 0.00 | 28.89 0.54 0.00 | 35.74 1.34 0.00 | 42.68 1.11 0.00 | 43.54 1.45 0.00 | 39.88 1.08 0.00 | 41.14 1.12 -0.58 | 86.29 0.95 -41.78 | 93.53 1.26 -34.63 | 67.86 0.43 -1.69 | 74.72 -0.04 -3.90 | 47.28 0.08 0.00 | 45.69 0.28 0.00 | 40.87 0.00 0.00 | 30.58 0.31 0.00 | 37.25 0.13 0.00 |
| HOWARD_WT_PWR 323690 | 25.62 -0.05 0.00 | 24.80 -0.19 0.00 | 26.45 -0.82 0.00 | 23.84 -1.02 0.00 | 22.99 -1.06 0.00 | 25.63 -0.42 0.00 | 28.57 0.17 0.00 | 29.85 1.05 0.00 | 31.16 1.44 0.00 | 30.07 1.72 0.00 | 37.27 2.87 0.00 | 44.07 2.50 0.00 | 45.46 3.37 0.00 | 42.20 3.40 0.00 | 43.22 3.47 -0.31 | 69.58 3.93 -22.07 | 81.31 5.24 -18.44 | 71.46 4.81 -0.90 | 78.66 5.72 -2.07 | 51.26 4.06 0.00 | 49.32 3.91 0.00 | 44.38 3.51 0.00 | 33.00 2.73 0.00 | 39.66 2.55 0.00 |

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| HQ_GEN_CEDARS 23644 | 26.81 -0.42 -1.55 | 26.25 -0.30 -1.55 | 28.42 -0.15 -1.29 | 26.45 -0.10 -1.70 | 25.58 -0.13 -1.66 | 27.37 -0.27 -1.58 | 28.64 -0.26 -0.49 | 28.66 -0.14 0.00 | 29.59 -0.13 0.00 | 28.07 -0.28 0.00 | 34.04 -0.36 0.00 | 41.31 -0.26 0.00 | 41.82 -0.27 0.00 | 38.06 -0.73 0.00 | 37.63 -1.82 0.00 | 29.26 -2.13 12.18 | 54.39 -2.51 0.73 | 49.34 -2.79 13.61 | 9.55 -2.76 58.55 | 45.46 -1.73 0.00 | 43.74 -1.67 0.00 | 40.74 -0.13 0.00 | 30.18 -0.09 0.00 | 36.98 -0.14 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 26.80 -0.42 -1.55 | 26.25 -0.30 -1.55 | 28.42 -0.15 -1.29 | 26.38 -0.10 -1.62 | 25.58 -0.13 -1.66 | 27.37 -0.27 -1.58 | 28.64 -0.26 -0.49 | 28.66 -0.14 0.00 | 29.59 -0.13 0.00 | 28.07 -0.28 0.00 | 34.04 -0.36 0.00 | 41.00 -0.26 0.31 | 41.82 -0.27 0.00 | 38.06 -0.73 0.00 | 37.62 -1.83 0.00 | 29.26 -2.13 12.18 | 54.39 -2.51 0.73 | 49.34 -2.79 13.61 | 9.55 -2.76 58.55 | 45.46 -1.74 0.00 | 35.47 -1.67 8.27 | 40.75 -0.13 0.00 | 30.18 -0.09 0.00 | 36.98 -0.14 0.00 |
| HQ_GEN_IMPORT 323601 | 25.39 -0.29 0.00 | 24.79 -0.19 0.00 | 27.19 -0.08 0.00 | 24.81 -0.05 0.00 | 23.95 -0.10 0.00 | 25.81 -0.24 0.00 | 28.13 -0.27 0.00 | 28.59 -0.22 0.00 | 29.52 -0.20 0.00 | 28.09 -0.26 0.00 | 34.08 -0.32 0.00 | 41.29 -0.28 0.00 | 41.81 -0.29 0.00 | 38.22 -0.58 0.00 | 38.52 -0.93 0.00 | 39.56 -1.10 2.91 | 56.33 -1.33 -0.03 | 64.76 -1.47 -0.48 | 71.48 -1.45 -2.07 | 46.23 -0.96 0.00 | 34.61 -0.92 9.87 | 40.58 -0.28 0.00 | 30.06 -0.20 0.00 | 36.86 -0.25 0.00 |
| HQ_GEN_WHEEL 23651 | 25.39 -0.29 0.00 | 24.79 -0.19 0.00 | 27.19 -0.08 0.00 | 24.81 -0.05 0.00 | 23.95 -0.10 0.00 | 25.81 -0.24 0.00 | 28.13 -0.27 0.00 | 28.59 -0.22 0.00 | 29.52 -0.20 0.00 | 28.09 -0.26 0.00 | 34.08 -0.32 0.00 | 41.29 -0.28 0.00 | 41.81 -0.29 0.00 | 38.22 -0.58 0.00 | 38.52 -0.93 0.00 | 39.56 -1.10 2.91 | 56.33 -1.33 -0.03 | 64.76 -1.47 -0.48 | 71.48 -1.45 -2.07 | 46.23 -0.96 0.00 | 34.61 -0.92 9.87 | 40.58 -0.28 0.00 | 30.06 -0.20 0.00 | 36.86 -0.25 0.00 |
| HUDSON_AVE_GT_3 23810 | 27.29 1.62 0.00 | 26.43 1.44 0.00 | 28.55 1.28 0.00 | 25.94 1.08 0.00 | 25.10 1.05 0.00 | 27.37 1.32 0.00 | 29.87 1.47 0.00 | 30.34 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.86 0.00 | 39.57 2.32 -2.84 | 44.44 2.72 -0.14 | 44.74 2.64 0.00 | 41.85 3.05 0.00 | 43.09 3.64 0.00 | 47.83 4.26 0.00 | 63.47 5.83 0.00 | 72.20 6.45 0.00 | 77.43 6.57 0.00 | 51.28 4.09 0.00 | 49.03 3.62 0.00 | 43.46 2.59 0.00 | 32.21 1.95 0.00 | 39.61 2.49 0.00 |
| HUDSON_AVE_GT_4 23540 | 27.29 1.62 0.00 | 26.43 1.44 0.00 | 28.55 1.28 0.00 | 25.94 1.08 0.00 | 25.10 1.05 0.00 | 27.37 1.32 0.00 | 29.87 1.47 0.00 | 30.34 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.86 0.00 | 39.57 2.32 -2.84 | 44.44 2.72 -0.14 | 44.74 2.64 0.00 | 41.85 3.05 0.00 | 43.09 3.64 0.00 | 47.83 4.26 0.00 | 63.47 5.83 0.00 | 72.20 6.45 0.00 | 77.43 6.57 0.00 | 51.28 4.09 0.00 | 49.03 3.62 0.00 | 43.46 2.59 0.00 | 32.21 1.95 0.00 | 39.61 2.49 0.00 |
| HUDSON_AVE_GT_5 23657 | 27.29 1.62 0.00 | 26.43 1.44 0.00 | 28.55 1.28 0.00 | 25.94 1.08 0.00 | 25.10 1.05 0.00 | 27.37 1.32 0.00 | 29.87 1.47 0.00 | 30.34 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.86 0.00 | 39.57 2.32 -2.84 | 44.44 2.72 -0.14 | 44.74 2.64 0.00 | 41.85 3.05 0.00 | 43.09 3.64 0.00 | 47.83 4.26 0.00 | 63.47 5.83 0.00 | 72.20 6.45 0.00 | 77.43 6.57 0.00 | 51.28 4.09 0.00 | 49.03 3.62 0.00 | 43.46 2.59 0.00 | 32.21 1.95 0.00 | 39.61 2.49 0.00 |
| HUDSON_AVE_10 24168 | 27.25 1.57 0.00 | 26.40 1.41 0.00 | 28.53 1.26 0.00 | 25.91 1.06 0.00 | 25.07 1.02 0.00 | 27.34 1.29 0.00 | 29.84 1.44 0.00 | 30.31 1.51 0.00 | 31.34 1.62 0.00 | 30.17 1.82 0.00 | 39.53 2.28 -2.84 | 44.38 2.67 -0.14 | 44.65 2.55 0.00 | 41.77 2.97 0.00 | 43.03 3.58 0.00 | 47.75 4.18 0.00 | 63.35 5.72 0.00 | 72.09 6.34 0.00 | 77.32 6.45 0.00 | 51.19 3.99 0.00 | 48.96 3.55 0.00 | 43.40 2.53 0.00 | 32.17 1.90 0.00 | 39.55 2.43 0.00 |
| HUDSON___115KV_TB 4 355613 | 26.41 0.74 0.00 | 25.69 0.71 0.00 | 28.05 0.78 0.00 | 25.56 0.71 0.00 | 24.75 0.70 0.00 | 26.94 0.89 0.00 | 29.28 0.88 0.00 | 29.58 0.78 0.00 | 30.50 0.78 0.00 | 29.15 0.80 0.00 | 33.47 0.75 1.68 | 42.37 0.88 0.09 | 42.92 0.83 0.00 | 39.73 0.93 0.00 | 40.79 1.34 0.00 | 45.09 1.53 0.00 | 59.55 1.92 0.00 | 68.36 2.62 0.00 | 74.15 3.29 0.00 | 49.53 2.33 0.00 | 47.65 2.24 0.00 | 42.34 1.47 0.00 | 31.38 1.12 0.00 | 38.43 1.31 0.00 |
| HUNTER MOUNT___DRP 323613 | 26.55 0.87 0.00 | 25.84 0.85 0.00 | 28.23 0.96 0.00 | 25.75 0.89 0.00 | 24.93 0.87 0.00 | 27.14 1.09 0.00 | 29.49 1.09 0.00 | 29.79 0.99 0.00 | 30.72 0.99 0.00 | 29.32 0.97 0.00 | 34.41 0.98 0.97 | 42.57 1.05 0.05 | 43.11 1.02 0.00 | 39.84 1.05 0.00 | 40.93 1.48 0.00 | 45.22 1.66 0.00 | 59.70 2.07 0.00 | 68.75 3.00 0.00 | 74.75 3.89 0.00 | 49.93 2.73 0.00 | 48.03 2.63 0.00 | 42.69 1.82 0.00 | 31.57 1.31 0.00 | 38.60 1.48 0.00 |
| HUNTINGTON_RES_REC 323705 | 27.37 1.70 0.00 | 26.59 1.61 0.00 | 28.57 1.29 0.00 | 25.98 1.12 0.00 | 25.13 1.07 0.00 | 27.47 1.42 0.00 | 30.02 1.61 0.00 | 30.49 1.69 0.00 | 31.42 1.70 0.00 | 30.19 1.83 0.00 | 39.47 2.23 -2.84 | 44.02 2.30 -0.14 | 44.65 2.56 0.00 | 60.44 3.41 -18.23 | 66.59 4.06 -23.08 | 245.14 4.71 -196.86 | 309.67 6.41 -245.63 | 354.81 7.29 -281.78 | 181.38 7.43 -103.09 | 267.30 4.64 -215.46 | 114.74 4.04 -65.29 | 72.83 2.79 -29.17 | 34.61 2.03 -2.32 | 97.08 2.74 -57.22 |
| HUNTLEY___63 23557 | 25.80 0.13 0.00 | 24.52 -0.47 0.00 | 26.46 -0.81 0.00 | 23.86 -1.00 0.00 | 23.22 -0.84 0.00 | 25.37 -0.68 0.00 | 28.37 -0.04 0.00 | 29.01 0.21 0.00 | 29.99 0.27 0.00 | 28.18 -0.17 0.00 | 34.89 0.49 0.00 | 41.48 -0.09 0.00 | 42.64 0.55 0.00 | 38.71 -0.08 0.00 | 39.75 -0.30 -0.60 | 78.66 -0.77 -35.86 | 70.77 -1.07 -14.21 | 77.04 -2.21 -13.50 | 71.79 -3.13 -4.06 | 45.62 -1.57 0.00 | 44.35 -1.06 0.00 | 39.97 -0.90 0.00 | 29.67 -0.59 0.00 | 36.25 -0.87 0.00 |
| HUNTLEY___64 23558 | 25.80 0.13 0.00 | 24.52 -0.47 0.00 | 26.46 -0.81 0.00 | 23.86 -1.00 0.00 | 23.22 -0.84 0.00 | 25.37 -0.68 0.00 | 28.37 -0.04 0.00 | 29.01 0.21 0.00 | 29.99 0.27 0.00 | 28.18 -0.17 0.00 | 34.89 0.49 0.00 | 41.48 -0.09 0.00 | 42.64 0.55 0.00 | 38.71 -0.08 0.00 | 39.75 -0.30 -0.60 | 78.66 -0.77 -35.86 | 70.77 -1.07 -14.21 | 77.04 -2.21 -13.50 | 71.79 -3.13 -4.06 | 45.62 -1.57 0.00 | 44.35 -1.06 0.00 | 39.97 -0.90 0.00 | 29.67 -0.59 0.00 | 36.25 -0.87 0.00 |
| HUNTLEY___65 23559 | 25.80 0.13 0.00 | 24.52 -0.47 0.00 | 26.46 -0.81 0.00 | 23.86 -1.00 0.00 | 23.22 -0.84 0.00 | 25.37 -0.68 0.00 | 28.37 -0.04 0.00 | 29.01 0.21 0.00 | 29.99 0.27 0.00 | 28.18 -0.17 0.00 | 34.89 0.49 0.00 | 41.48 -0.09 0.00 | 42.64 0.55 0.00 | 38.71 -0.08 0.00 | 39.75 -0.30 -0.60 | 78.66 -0.77 -35.86 | 70.77 -1.07 -14.21 | 77.04 -2.21 -13.50 | 71.79 -3.13 -4.06 | 45.62 -1.57 0.00 | 44.35 -1.06 0.00 | 39.97 -0.90 0.00 | 29.67 -0.59 0.00 | 36.25 -0.87 0.00 |
| HUNTLEY___66 23560 | 25.80 0.13 0.00 | 24.52 -0.47 0.00 | 26.46 -0.81 0.00 | 23.86 -1.00 0.00 | 23.22 -0.84 0.00 | 25.37 -0.68 0.00 | 28.37 -0.04 0.00 | 29.01 0.21 0.00 | 29.99 0.27 0.00 | 28.18 -0.17 0.00 | 34.89 0.49 0.00 | 41.48 -0.09 0.00 | 42.64 0.55 0.00 | 38.71 -0.08 0.00 | 39.75 -0.30 -0.60 | 78.66 -0.77 -35.86 | 70.77 -1.07 -14.21 | 77.04 -2.21 -13.50 | 71.79 -3.13 -4.06 | 45.62 -1.57 0.00 | 44.35 -1.06 0.00 | 39.97 -0.90 0.00 | 29.67 -0.59 0.00 | 36.25 -0.87 0.00 |

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| HUNTLEY___67 23561 | 25.53 -0.14 0.00 | 24.30 -0.69 0.00 | 26.23 -1.05 0.00 | 23.66 -1.20 0.00 | 23.04 -1.01 0.00 | 25.17 -0.88 0.00 | 28.13 -0.27 0.00 | 28.76 -0.05 0.00 | 29.68 -0.04 0.00 | 27.92 -0.43 0.00 | 34.55 0.14 0.00 | 41.13 -0.44 0.00 | 42.32 0.23 0.00 | 38.46 -0.34 0.00 | 40.36 -0.51 -1.42 | 150.91 -0.94 -108.28 | 157.75 -1.26 -101.37 | 63.94 -2.38 -0.56 | 78.14 -3.29 -10.57 | 45.48 -1.72 0.00 | 44.21 -1.20 0.00 | 39.76 -1.11 0.00 | 29.48 -0.78 0.00 | 35.99 -1.12 0.00 |
| HUNTLEY___68 23562 | 25.53 -0.14 0.00 | 24.30 -0.69 0.00 | 26.23 -1.05 0.00 | 23.66 -1.20 0.00 | 23.04 -1.01 0.00 | 25.17 -0.88 0.00 | 28.13 -0.27 0.00 | 28.76 -0.05 0.00 | 29.68 -0.04 0.00 | 27.92 -0.43 0.00 | 34.55 0.14 0.00 | 41.13 -0.44 0.00 | 42.32 0.23 0.00 | 38.46 -0.34 0.00 | 40.36 -0.51 -1.42 | 150.91 -0.94 -108.28 | 157.75 -1.26 -101.37 | 63.94 -2.38 -0.56 | 78.14 -3.29 -10.57 | 45.48 -1.72 0.00 | 44.21 -1.20 0.00 | 39.76 -1.11 0.00 | 29.48 -0.78 0.00 | 35.99 -1.12 0.00 |
| HYLAND___LFGE 323620 | 27.14 1.47 0.00 | 25.94 0.95 0.00 | 27.99 0.72 0.00 | 25.29 0.43 0.00 | 24.60 0.54 0.00 | 26.93 0.88 0.00 | 30.05 1.65 0.00 | 30.70 1.89 0.00 | 31.39 1.67 0.00 | 28.70 0.35 0.00 | 35.44 1.04 0.00 | 42.18 0.60 0.00 | 42.65 0.56 0.00 | 39.09 0.29 0.00 | 40.06 0.44 -0.16 | 55.70 0.19 -11.94 | 67.94 0.21 -10.09 | 66.73 0.49 -0.49 | 72.79 0.79 -1.13 | 48.52 1.32 0.00 | 47.16 1.75 0.00 | 42.11 1.24 0.00 | 31.70 1.43 0.00 | 38.78 1.67 0.00 |
| INDECK___CORINTH 23802 | 27.71 2.03 0.00 | 26.89 1.90 0.00 | 29.27 1.99 0.00 | 26.65 1.79 0.00 | 25.86 1.81 0.00 | 28.26 2.22 0.00 | 30.82 2.42 0.00 | 31.12 2.31 0.00 | 31.95 2.22 0.00 | 30.36 2.00 0.00 | 33.57 2.10 2.94 | 44.25 2.83 0.15 | 44.72 2.63 0.00 | 41.43 2.63 0.00 | 42.35 2.90 0.00 | 47.07 3.50 0.00 | 61.90 4.27 0.00 | 71.03 5.29 0.00 | 77.48 6.61 0.00 | 51.62 4.42 0.00 | 49.75 4.34 0.00 | 44.27 3.40 0.00 | 32.72 2.46 0.00 | 40.09 2.97 0.00 |
| INDECK___ILION 23567 | 25.85 0.18 0.00 | 25.13 0.15 0.00 | 27.39 0.12 0.00 | 24.97 0.11 0.00 | 24.16 0.10 0.00 | 26.25 0.20 0.00 | 28.60 0.20 0.00 | 28.97 0.17 0.00 | 29.91 0.19 0.00 | 28.50 0.15 0.00 | 34.46 0.06 0.00 | 41.64 0.07 0.00 | 42.00 -0.10 0.00 | 38.90 0.11 0.00 | 39.88 0.43 0.00 | 44.78 0.58 -0.63 | 58.30 0.67 0.01 | 66.58 1.05 0.22 | 71.26 1.33 0.93 | 48.16 0.96 0.00 | 46.37 0.96 0.00 | 41.32 0.45 0.00 | 30.54 0.28 0.00 | 37.42 0.31 0.00 |
| INDECK___OLEAN 23982 | 26.35 0.67 0.00 | 25.30 0.31 0.00 | 27.23 -0.04 0.00 | 24.58 -0.28 0.00 | 23.91 -0.14 0.00 | 26.16 0.11 0.00 | 29.16 0.76 0.00 | 29.84 1.03 0.00 | 30.66 0.93 0.00 | 28.89 0.54 0.00 | 35.73 1.33 0.00 | 42.68 1.11 0.00 | 43.54 1.45 0.00 | 39.89 1.09 0.00 | 41.22 1.19 -0.58 | 86.43 1.08 -41.78 | 93.58 1.31 -34.63 | 67.91 0.47 -1.69 | 74.74 -0.02 -3.90 | 47.29 0.10 0.00 | 45.69 0.28 0.00 | 40.87 0.00 0.00 | 30.58 0.31 0.00 | 37.24 0.12 0.00 |
| INDECK___OSWEGO 23783 | 25.23 -0.44 0.00 | 24.48 -0.50 0.00 | 26.61 -0.66 0.00 | 24.28 -0.58 0.00 | 23.56 -0.49 0.00 | 25.55 -0.50 0.00 | 27.81 -0.60 0.00 | 28.14 -0.67 0.00 | 29.01 -0.71 0.00 | 27.67 -0.68 0.00 | 33.59 -0.81 0.00 | 40.49 -1.08 0.00 | 40.97 -1.12 0.00 | 37.82 -0.97 0.00 | 38.53 -0.92 0.00 | 42.23 -0.99 0.34 | 56.28 -1.33 0.02 | 63.88 -1.43 0.43 | 67.39 -1.61 1.87 | 46.14 -1.06 0.00 | 44.49 -0.92 0.00 | 39.86 -1.01 0.00 | 29.68 -0.59 0.00 | 36.42 -0.70 0.00 |
| INDECK___YERKES 23781 | 25.83 0.16 0.00 | 24.55 -0.44 0.00 | 26.49 -0.79 0.00 | 23.88 -0.97 0.00 | 23.24 -0.81 0.00 | 25.40 -0.65 0.00 | 28.40 -0.01 0.00 | 29.04 0.24 0.00 | 30.02 0.30 0.00 | 28.22 -0.13 0.00 | 34.93 0.53 0.00 | 41.53 -0.04 0.00 | 42.66 0.57 0.00 | 38.72 -0.07 0.00 | 39.85 -0.20 -0.60 | 78.85 -0.58 -35.86 | 70.84 -1.00 -14.21 | 77.07 -2.18 -13.50 | 71.82 -3.10 -4.06 | 45.64 -1.56 0.00 | 44.35 -1.06 0.00 | 40.01 -0.86 0.00 | 29.71 -0.55 0.00 | 36.29 -0.83 0.00 |
| INDIAN POINT_GT_1 24139 | 27.00 1.32 0.00 | 26.15 1.16 0.00 | 28.28 1.01 0.00 | 25.70 0.84 0.00 | 24.87 0.82 0.00 | 27.11 1.06 0.00 | 29.58 1.18 0.00 | 30.02 1.21 0.00 | 30.99 1.27 0.00 | 29.80 1.45 0.00 | 38.99 1.81 -2.78 | 43.85 2.14 -0.14 | 44.23 2.14 0.00 | 41.34 2.54 0.00 | 42.53 3.08 0.00 | 47.22 3.65 0.00 | 62.63 4.99 0.00 | 71.28 5.53 0.00 | 76.53 5.66 0.00 | 50.70 3.50 0.00 | 48.49 3.08 0.00 | 42.97 2.10 0.00 | 31.84 1.58 0.00 | 39.15 2.04 0.00 |
| INDIAN POINT_GT_2 23659 | 27.00 1.32 0.00 | 26.15 1.16 0.00 | 28.28 1.01 0.00 | 25.70 0.84 0.00 | 24.87 0.82 0.00 | 27.11 1.06 0.00 | 29.58 1.18 0.00 | 30.02 1.21 0.00 | 30.99 1.27 0.00 | 29.80 1.45 0.00 | 38.99 1.81 -2.78 | 43.85 2.14 -0.14 | 44.23 2.14 0.00 | 41.34 2.54 0.00 | 42.53 3.08 0.00 | 47.22 3.65 0.00 | 62.63 4.99 0.00 | 71.28 5.53 0.00 | 76.53 5.66 0.00 | 50.70 3.50 0.00 | 48.49 3.08 0.00 | 42.97 2.10 0.00 | 31.84 1.58 0.00 | 39.15 2.04 0.00 |
| INDIAN POINT_GT_3 24019 | 27.00 1.32 0.00 | 26.15 1.16 0.00 | 28.28 1.01 0.00 | 25.70 0.84 0.00 | 24.87 0.82 0.00 | 27.11 1.06 0.00 | 29.58 1.18 0.00 | 30.02 1.21 0.00 | 30.99 1.27 0.00 | 29.80 1.45 0.00 | 38.99 1.81 -2.78 | 43.85 2.14 -0.14 | 44.23 2.14 0.00 | 41.34 2.54 0.00 | 42.53 3.08 0.00 | 47.22 3.65 0.00 | 62.63 4.99 0.00 | 71.28 5.53 0.00 | 76.53 5.66 0.00 | 50.70 3.50 0.00 | 48.49 3.08 0.00 | 42.97 2.10 0.00 | 31.84 1.58 0.00 | 39.15 2.04 0.00 |
| INDIAN POINT___2 23530 | 26.97 1.29 0.00 | 26.12 1.14 0.00 | 28.25 0.97 0.00 | 25.66 0.81 0.00 | 24.84 0.78 0.00 | 27.06 1.01 0.00 | 29.54 1.13 0.00 | 29.98 1.17 0.00 | 30.94 1.21 0.00 | 29.77 1.42 0.00 | 38.85 1.76 -2.69 | 43.79 2.08 -0.14 | 44.17 2.08 0.00 | 41.30 2.50 0.00 | 42.47 3.02 0.00 | 47.13 3.57 0.00 | 62.53 4.90 0.00 | 71.18 5.43 0.00 | 76.40 5.54 0.00 | 50.62 3.42 0.00 | 48.41 3.00 0.00 | 42.90 2.03 0.00 | 31.78 1.52 0.00 | 39.09 1.97 0.00 |
| INDIAN POINT___3 23531 | 26.95 1.28 0.00 | 26.12 1.13 0.00 | 28.25 0.97 0.00 | 25.67 0.81 0.00 | 24.84 0.79 0.00 | 27.07 1.02 0.00 | 29.53 1.12 0.00 | 29.96 1.15 0.00 | 30.92 1.20 0.00 | 29.74 1.39 0.00 | 38.91 1.72 -2.79 | 43.75 2.04 -0.14 | 44.11 2.02 0.00 | 41.24 2.44 0.00 | 42.41 2.96 0.00 | 47.09 3.52 0.00 | 62.45 4.81 0.00 | 71.07 5.33 0.00 | 76.30 5.44 0.00 | 50.56 3.36 0.00 | 48.36 2.95 0.00 | 42.87 2.00 0.00 | 31.76 1.50 0.00 | 39.06 1.94 0.00 |
| INGHAM_C_115KV_TB7 356103 | 25.84 0.16 0.00 | 25.11 0.12 0.00 | 27.35 0.08 0.00 | 24.93 0.07 0.00 | 24.08 0.02 0.00 | 26.23 0.18 0.00 | 28.54 0.14 0.00 | 28.90 0.10 0.00 | 29.87 0.15 0.00 | 28.38 0.03 0.00 | 34.11 -0.29 0.00 | 41.23 -0.34 0.00 | 41.36 -0.73 0.00 | 38.46 -0.33 0.00 | 39.73 0.28 0.00 | 44.75 0.55 -0.63 | 58.14 0.52 0.01 | 66.79 1.26 0.22 | 71.85 1.92 0.93 | 48.67 1.47 0.00 | 46.94 1.53 0.00 | 41.52 0.65 0.00 | 30.61 0.35 0.00 | 37.49 0.37 0.00 |
| IP CORINTH___1 23988 | 27.71 2.03 0.00 | 26.89 1.90 0.00 | 29.27 1.99 0.00 | 26.65 1.79 0.00 | 25.86 1.81 0.00 | 28.27 2.22 0.00 | 30.82 2.42 0.00 | 31.12 2.31 0.00 | 31.95 2.22 0.00 | 30.36 2.00 0.00 | 33.57 2.11 2.94 | 44.25 2.83 0.15 | 44.72 2.63 0.00 | 41.43 2.63 0.00 | 42.35 2.89 0.00 | 47.07 3.50 0.00 | 61.91 4.28 0.00 | 71.03 5.28 0.00 | 77.48 6.62 0.00 | 51.63 4.43 0.00 | 49.75 4.34 0.00 | 44.27 3.40 0.00 | 32.72 2.46 0.00 | 40.08 2.96 0.00 |

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|-----------------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| IP__TICONDEROGA 23804 | 29.05 3.38 0.00 | 28.11 3.12 0.00 | 30.53 3.25 0.00 | 27.74 2.88 0.00 | 26.97 2.91 0.00 | 29.80 3.75 0.00 | 32.71 4.31 0.00 | 32.63 3.82 0.00 | 32.95 3.23 0.00 | 31.39 3.04 0.00 | 34.72 3.26 2.94 | 46.44 5.02 0.15 | 46.19 4.09 0.00 | 42.61 3.82 0.00 | 43.51 4.06 0.00 | 48.94 5.38 0.00 | 64.45 6.81 0.00 | 74.07 8.33 0.00 | 81.25 10.38 0.00 | 54.35 7.15 0.00 | 52.46 7.05 0.00 | 46.14 5.27 0.00 | 34.28 4.02 0.00 | 42.08 4.96 0.00 |
| ISLIP_RES_REC 323679 | 27.55 1.87 0.00 | 26.73 1.74 0.00 | 28.68 1.40 0.00 | 26.08 1.23 0.00 | 25.23 1.18 0.00 | 27.60 1.55 0.00 | 30.17 1.76 0.00 | 30.69 1.89 0.00 | 31.67 1.95 0.00 | 30.46 2.11 0.00 | 39.82 2.57 -2.84 | 44.49 2.78 -0.14 | 45.16 3.07 0.00 | 60.92 3.94 -18.19 | 67.25 4.72 -23.08 | 245.75 5.32 -196.86 | 310.42 7.16 -245.63 | 269.38 8.30 -195.33 | 182.39 8.51 -103.02 | 267.62 4.96 -215.46 | 115.29 4.59 -65.29 | 73.41 3.38 -29.17 | 35.01 2.42 -2.33 | 97.52 3.17 -57.24 |
| JAMAICA__27_KV_LOAD 355505 | 27.55 1.88 0.00 | 26.69 1.70 0.00 | 28.87 1.60 0.00 | 26.21 1.35 0.00 | 25.34 1.28 0.00 | 27.65 1.60 0.00 | 30.20 1.79 0.00 | 30.68 1.87 0.00 | 31.70 1.98 0.00 | 30.49 2.14 0.00 | 39.97 2.72 -2.84 | 44.89 3.17 -0.14 | 45.11 3.01 0.00 | 42.20 3.41 0.00 | 43.52 4.07 0.00 | 48.33 4.76 0.00 | 64.12 6.48 0.00 | 73.03 7.28 0.00 | 78.34 7.47 0.00 | 51.87 4.67 0.00 | 49.66 4.25 0.00 | 44.07 3.20 0.00 | 32.61 2.34 0.00 | 39.97 2.85 0.00 |
| JANIS__SOLAR 323808 | 26.92 1.25 0.00 | 25.90 0.92 0.00 | 28.29 1.02 0.00 | 25.62 0.76 0.00 | 24.90 0.85 0.00 | 27.15 1.10 0.00 | 29.83 1.43 0.00 | 29.92 1.12 0.00 | 30.87 1.15 0.00 | 29.45 1.10 0.00 | 35.76 1.36 0.00 | 42.50 0.93 0.00 | 42.96 0.86 0.00 | 39.93 1.13 0.00 | 40.69 1.16 -0.08 | 50.70 1.37 -5.76 | 64.54 2.05 -4.86 | 68.85 2.87 -0.23 | 75.77 4.41 -0.49 | 50.92 3.72 0.00 | 49.01 3.60 0.00 | 43.67 2.80 0.00 | 32.19 1.93 0.00 | 39.20 2.08 0.00 |
| JARVIS____ 23743 | 25.77 0.10 0.00 | 25.07 0.08 0.00 | 27.34 0.06 0.00 | 24.92 0.06 0.00 | 24.13 0.07 0.00 | 26.18 0.13 0.00 | 28.54 0.13 0.00 | 28.92 0.11 0.00 | 29.83 0.11 0.00 | 28.46 0.11 0.00 | 34.53 0.13 0.00 | 41.71 0.13 0.00 | 42.22 0.13 0.00 | 39.01 0.21 0.00 | 39.81 0.36 0.00 | 44.61 0.41 -0.63 | 58.12 0.49 0.01 | 66.10 0.57 0.22 | 70.55 0.61 0.93 | 47.60 0.41 0.00 | 45.80 0.39 0.00 | 41.03 0.16 0.00 | 30.39 0.12 0.00 | 37.27 0.15 0.00 |
| JENNISON__1 23625 | 26.75 1.08 0.00 | 25.50 0.51 0.00 | 28.22 0.95 0.00 | 25.45 0.59 0.00 | 24.75 0.70 0.00 | 27.04 1.00 0.00 | 29.45 1.04 0.00 | 30.63 1.82 0.00 | 31.63 1.91 0.00 | 30.38 2.03 0.00 | 37.09 2.69 0.00 | 44.65 3.08 0.00 | 45.53 3.44 0.00 | 41.97 3.17 0.00 | 43.14 3.63 -0.06 | 52.14 4.03 -4.54 | 67.01 5.53 -3.84 | 72.01 6.07 -0.18 | 77.13 5.81 -0.45 | 50.76 3.56 0.00 | 48.82 3.41 0.00 | 43.53 2.66 0.00 | 32.16 1.90 0.00 | 39.22 2.11 0.00 |
| JENNISON__2 23626 | 26.75 1.08 0.00 | 25.50 0.51 0.00 | 28.22 0.95 0.00 | 25.45 0.59 0.00 | 24.75 0.70 0.00 | 27.04 1.00 0.00 | 29.45 1.04 0.00 | 30.63 1.82 0.00 | 31.63 1.91 0.00 | 30.38 2.03 0.00 | 37.09 2.69 0.00 | 44.65 3.08 0.00 | 45.53 3.44 0.00 | 41.97 3.17 0.00 | 43.14 3.63 -0.06 | 52.14 4.03 -4.54 | 67.01 5.53 -3.84 | 72.01 6.07 -0.18 | 77.13 5.81 -0.45 | 50.76 3.56 0.00 | 48.82 3.41 0.00 | 43.53 2.66 0.00 | 32.16 1.90 0.00 | 39.22 2.11 0.00 |
| JERICHO_RISE_WT_PWR 323719 | -16.06 -1.39 40.34 | -16.67 -1.26 40.40 | -7.51 -1.20 33.58 | -20.27 -1.07 44.06 | -20.26 -1.07 43.25 | -16.35 -1.29 41.11 | 14.36 -1.25 12.79 | 27.96 -0.85 0.00 | 29.54 -0.18 0.00 | 28.28 -0.07 0.00 | 34.34 -0.06 0.00 | 41.83 0.25 0.00 | 42.02 -0.08 0.00 | 38.09 -0.70 0.00 | 37.92 -1.54 0.00 | 29.04 -1.91 12.63 | 55.19 -2.36 0.08 | 61.88 -2.36 1.51 | 62.33 -2.06 6.48 | 45.95 -1.25 0.00 | 44.46 -0.95 0.00 | 41.07 0.20 0.00 | 30.49 0.23 0.00 | 37.24 0.12 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 27.13 1.46 0.00 | 26.28 1.29 0.00 | 28.43 1.15 0.00 | 25.84 0.98 0.00 | 25.01 0.96 0.00 | 27.28 1.23 0.00 | 29.77 1.36 0.00 | 30.20 1.39 0.00 | 31.19 1.47 0.00 | 30.01 1.65 0.00 | 39.35 2.05 -2.89 | 44.20 2.48 -0.15 | 44.59 2.50 0.00 | 41.70 2.90 0.00 | 42.92 3.47 0.00 | 47.66 4.09 0.00 | 63.21 5.57 0.00 | 71.96 6.21 0.00 | 77.26 6.39 0.00 | 51.18 3.99 0.00 | 48.94 3.53 0.00 | 43.34 2.48 0.00 | 32.10 1.84 0.00 | 39.43 2.31 0.00 |
| KCE_NY_1 323755 | 27.36 1.68 0.00 | 26.55 1.56 0.00 | 28.89 1.61 0.00 | 26.32 1.46 0.00 | 25.51 1.46 0.00 | 27.84 1.78 0.00 | 30.28 1.88 0.00 | 30.56 1.76 0.00 | 31.49 1.76 0.00 | 29.95 1.60 0.00 | 32.90 1.73 3.22 | 43.74 2.33 0.16 | 44.30 2.21 0.00 | 41.12 2.33 0.00 | 42.07 2.62 0.00 | 46.60 3.03 0.00 | 61.48 3.85 0.00 | 70.48 4.73 0.00 | 76.32 5.46 0.00 | 50.86 3.66 0.00 | 48.94 3.53 0.00 | 43.43 2.56 0.00 | 32.13 1.87 0.00 | 39.45 2.34 0.00 |
| KCE_NY_6_ESR 323823 | 25.92 0.24 0.00 | 24.65 -0.34 0.00 | 26.58 -0.69 0.00 | 23.98 -0.88 0.00 | 23.36 -0.69 0.00 | 25.56 -0.49 0.00 | 28.57 0.17 0.00 | 29.24 0.43 0.00 | 30.22 0.50 0.00 | 28.42 0.07 0.00 | 35.15 0.75 0.00 | 41.98 0.41 0.00 | 43.17 1.08 0.00 | 39.32 0.52 0.00 | 40.80 0.51 -0.83 | 103.67 0.23 -59.87 | 106.89 0.15 -49.11 | 67.31 -0.84 -2.40 | 74.71 -1.68 -5.53 | 46.52 -0.68 0.00 | 45.16 -0.25 0.00 | 40.51 -0.36 0.00 | 30.01 -0.25 0.00 | 36.60 -0.52 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 27.35 1.67 0.00 | 26.55 1.56 0.00 | 28.49 1.22 0.00 | 25.92 1.06 0.00 | 25.06 1.01 0.00 | 27.40 1.35 0.00 | 29.94 1.54 0.00 | 30.44 1.63 0.00 | 31.37 1.65 0.00 | 30.16 1.81 0.00 | 39.45 2.20 -2.84 | 43.95 2.23 -0.14 | 44.56 2.47 0.00 | 60.05 3.35 -17.90 | 66.50 3.97 -23.08 | 244.85 4.42 -196.86 | 309.20 5.95 -245.63 | 275.71 6.90 -203.07 | 180.62 7.07 -102.69 | 266.88 4.22 -215.46 | 114.45 3.75 -65.29 | 72.64 2.61 -29.17 | 34.60 2.03 -2.31 | 97.08 2.76 -57.20 |
| KEDC_PORT_JEFF_GT3 24211 | 27.35 1.67 0.00 | 26.55 1.56 0.00 | 28.49 1.22 0.00 | 25.92 1.06 0.00 | 25.06 1.01 0.00 | 27.40 1.35 0.00 | 29.94 1.54 0.00 | 30.44 1.63 0.00 | 31.37 1.65 0.00 | 30.16 1.81 0.00 | 39.45 2.20 -2.84 | 43.95 2.23 -0.14 | 44.56 2.47 0.00 | 60.05 3.35 -17.90 | 66.50 3.97 -23.08 | 244.85 4.42 -196.86 | 309.20 5.95 -245.63 | 275.71 6.90 -203.07 | 180.62 7.07 -102.69 | 266.88 4.22 -215.46 | 114.45 3.75 -65.29 | 72.64 2.61 -29.17 | 34.60 2.03 -2.31 | 97.08 2.76 -57.20 |
| KEDC_GLWD_GT4 24219 | 27.54 1.87 0.00 | 26.69 1.70 0.00 | 28.74 1.47 0.00 | 26.12 1.27 0.00 | 25.28 1.23 0.00 | 27.61 1.57 0.00 | 30.19 1.78 0.00 | 30.64 1.84 0.00 | 31.53 1.81 0.00 | 30.34 1.99 0.00 | 39.79 2.55 -2.84 | 44.77 3.06 -0.14 | 45.33 3.24 0.00 | 98.72 3.82 -56.11 | 66.64 4.11 -23.08 | 245.21 4.78 -196.86 | 309.82 6.56 -245.63 | 254.14 7.26 -181.13 | 225.93 7.43 -147.63 | 267.39 4.73 -215.46 | 114.81 4.10 -65.29 | 72.95 2.92 -29.17 | 35.79 2.38 -3.15 | 99.19 3.12 -58.95 |
| KEDC_GLWD_GT5 24220 | 27.54 1.87 0.00 | 26.69 1.70 0.00 | 28.74 1.47 0.00 | 26.12 1.27 0.00 | 25.28 1.23 0.00 | 27.61 1.57 0.00 | 30.19 1.78 0.00 | 30.64 1.84 0.00 | 31.53 1.81 0.00 | 30.34 1.99 0.00 | 39.79 2.55 -2.84 | 44.77 3.06 -0.14 | 45.33 3.24 0.00 | 98.72 3.82 -56.11 | 66.64 4.11 -23.08 | 245.21 4.78 -196.86 | 309.82 6.56 -245.63 | 254.14 7.26 -181.13 | 225.93 7.43 -147.63 | 267.39 4.73 -215.46 | 114.81 4.10 -65.29 | 72.95 2.92 -29.17 | 35.79 2.38 -3.15 | 99.19 3.12 -58.95 |

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| KENSICO____ 23655 | 27.07 1.40 0.00 | 26.22 1.23 0.00 | 28.36 1.09 0.00 | 25.76 0.91 0.00 | 24.94 0.88 0.00 | 27.18 1.14 0.00 | 29.67 1.26 0.00 | 30.10 1.30 0.00 | 31.08 1.36 0.00 | 29.90 1.55 0.00 | 39.16 1.92 -2.84 | 43.98 2.27 -0.14 | 44.34 2.24 0.00 | 41.45 2.66 0.00 | 42.65 3.20 0.00 | 47.35 3.78 0.00 | 62.80 5.16 0.00 | 71.46 5.72 0.00 | 76.71 5.84 0.00 | 50.83 3.63 0.00 | 48.62 3.21 0.00 | 43.08 2.21 0.00 | 31.92 1.66 0.00 | 39.27 2.15 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 26.95 1.27 0.00 | 26.08 1.09 0.00 | 28.22 0.95 0.00 | 25.64 0.78 0.00 | 24.81 0.75 0.00 | 27.03 0.98 0.00 | 29.54 1.14 0.00 | 29.98 1.18 0.00 | 30.93 1.21 0.00 | 29.73 1.39 0.00 | 37.94 1.75 -1.78 | 43.84 2.18 -0.09 | 44.27 2.18 0.00 | 41.41 2.61 0.00 | 42.51 3.06 0.00 | 47.45 3.88 0.00 | 63.00 5.36 0.00 | 71.88 6.14 0.00 | 77.19 6.33 0.00 | 51.19 4.00 0.00 | 48.96 3.55 0.00 | 43.35 2.48 0.00 | 32.01 1.74 0.00 | 39.25 2.13 0.00 |
| KIAC_JFK_GT1 23816 | 27.32 1.64 0.00 | 26.51 1.52 0.00 | 28.70 1.43 0.00 | 26.02 1.17 0.00 | 25.13 1.08 0.00 | 27.42 1.37 0.00 | 29.90 1.49 0.00 | 30.30 1.49 0.00 | 31.32 1.59 0.00 | 30.14 1.78 0.00 | 39.51 2.27 -2.84 | 44.35 2.64 -0.14 | 44.53 2.44 0.00 | 41.67 2.87 0.00 | 42.95 3.49 0.00 | 47.67 4.10 0.00 | 63.22 5.58 0.00 | 71.99 6.24 0.00 | 77.21 6.34 0.00 | 51.14 3.94 0.00 | 48.96 3.56 0.00 | 43.44 2.58 0.00 | 32.17 1.90 0.00 | 39.51 2.39 0.00 |
| KIAC_JFK_GT2 23817 | 27.32 1.64 0.00 | 26.51 1.52 0.00 | 28.70 1.43 0.00 | 26.02 1.17 0.00 | 25.13 1.08 0.00 | 27.42 1.37 0.00 | 29.90 1.49 0.00 | 30.30 1.49 0.00 | 31.32 1.59 0.00 | 30.14 1.78 0.00 | 39.51 2.27 -2.84 | 44.35 2.64 -0.14 | 44.53 2.44 0.00 | 41.67 2.87 0.00 | 42.95 3.49 0.00 | 47.67 4.10 0.00 | 63.22 5.58 0.00 | 71.99 6.24 0.00 | 77.21 6.34 0.00 | 51.14 3.94 0.00 | 48.96 3.56 0.00 | 43.44 2.58 0.00 | 32.17 1.90 0.00 | 39.51 2.39 0.00 |
| KIAC_JFK____ 323774 | 27.32 1.64 0.00 | 26.51 1.52 0.00 | 28.70 1.43 0.00 | 26.02 1.17 0.00 | 25.13 1.08 0.00 | 27.42 1.37 0.00 | 29.90 1.49 0.00 | 30.30 1.49 0.00 | 31.32 1.59 0.00 | 30.14 1.78 0.00 | 39.52 2.27 -2.84 | 44.35 2.64 -0.14 | 44.53 2.44 0.00 | 41.67 2.88 0.00 | 42.93 3.47 0.00 | 47.64 4.07 0.00 | 63.21 5.58 0.00 | 71.98 6.23 0.00 | 77.21 6.35 0.00 | 51.14 3.94 0.00 | 48.96 3.56 0.00 | 43.44 2.57 0.00 | 32.17 1.90 0.00 | 39.51 2.39 0.00 |
| KINTIGH____ 23543 | 25.47 -0.21 0.00 | 24.32 -0.67 0.00 | 26.28 -0.99 0.00 | 23.75 -1.11 0.00 | 23.10 -0.95 0.00 | 25.21 -0.84 0.00 | 28.06 -0.35 0.00 | 28.64 -0.17 0.00 | 29.51 -0.21 0.00 | 27.81 -0.54 0.00 | 34.34 -0.06 0.00 | 40.93 -0.64 0.00 | 41.95 -0.14 0.00 | 38.20 -0.59 0.00 | 38.50 -0.71 0.25 | 25.48 -1.07 17.01 | 43.16 -1.42 13.06 | 57.16 -2.39 6.19 | 65.10 -3.23 2.54 | 45.43 -1.77 0.00 | 44.08 -1.33 0.00 | 39.65 -1.22 0.00 | 29.42 -0.85 0.00 | 35.94 -1.18 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | -13.65 -0.73 38.59 | -14.35 -0.70 38.65 | -5.46 -0.61 32.12 | -17.80 -0.51 42.15 | -17.89 -0.57 41.38 | -13.87 -0.59 39.33 | 15.60 -0.56 12.24 | 28.63 -0.18 0.00 | 30.31 0.59 0.00 | 29.03 0.68 0.00 | 35.23 0.83 0.00 | 42.80 1.23 0.00 | 42.47 0.38 0.00 | 38.30 -0.49 0.00 | 37.91 -1.54 0.00 | 28.75 -2.03 12.79 | 55.00 -2.58 0.05 | 62.42 -2.41 0.92 | 64.97 -1.93 3.96 | 46.16 -1.04 0.00 | 44.96 -0.45 0.00 | 41.97 1.11 0.00 | 31.36 1.10 0.00 | 38.13 1.01 0.00 |
| LACHUTE__HYDRO 323717 | 29.05 3.38 0.00 | 28.11 3.12 0.00 | 30.52 3.25 0.00 | 27.74 2.88 0.00 | 26.97 2.91 0.00 | 29.80 3.75 0.00 | 32.71 4.31 0.00 | 32.63 3.82 0.00 | 32.95 3.23 0.00 | 31.39 3.03 0.00 | 34.72 3.26 2.94 | 46.44 5.02 0.15 | 46.19 4.09 0.00 | 42.61 3.82 0.00 | 43.51 4.06 0.00 | 48.94 5.38 0.00 | 64.44 6.81 0.00 | 74.07 8.32 0.00 | 81.24 10.38 0.00 | 54.35 7.15 0.00 | 52.46 7.05 0.00 | 46.14 5.27 0.00 | 34.28 4.02 0.00 | 42.08 4.97 0.00 |
| LAWRNCV_115KV_TB1 80681 | 29.21 -0.93 -4.47 | 28.71 -0.76 -4.48 | 30.42 -0.57 -3.72 | 29.28 -0.46 -4.88 | 28.41 -0.44 -4.79 | 30.03 -0.58 -4.56 | 29.24 -0.58 -1.42 | 28.37 -0.44 0.00 | 29.31 -0.41 0.00 | 27.76 -0.60 0.00 | 33.62 -0.78 0.00 | 40.78 -0.79 0.00 | 41.20 -0.90 0.00 | 37.45 -1.35 0.00 | 36.98 -2.47 0.00 | 29.98 -2.85 10.74 | 53.62 -3.44 0.57 | 51.28 -3.77 10.70 | 21.11 -3.72 46.04 | 44.89 -2.30 0.00 | 43.35 -2.06 0.00 | 40.42 -0.45 0.00 | 29.92 -0.34 0.00 | 36.63 -0.48 0.00 |
| LEDERLE____ 23769 | 27.08 1.40 0.00 | 26.22 1.24 0.00 | 28.35 1.08 0.00 | 25.74 0.88 0.00 | 24.92 0.86 0.00 | 27.15 1.10 0.00 | 29.64 1.24 0.00 | 30.11 1.30 0.00 | 31.06 1.34 0.00 | 29.90 1.55 0.00 | 38.95 1.95 -2.60 | 44.07 2.36 -0.13 | 44.48 2.38 0.00 | 41.58 2.79 0.00 | 42.78 3.33 0.00 | 47.53 3.96 0.00 | 63.05 5.42 0.00 | 71.72 5.98 0.00 | 76.97 6.10 0.00 | 50.95 3.75 0.00 | 48.71 3.30 0.00 | 43.16 2.29 0.00 | 31.94 1.67 0.00 | 39.25 2.13 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 25.27 -0.40 0.00 | 24.52 -0.47 0.00 | 26.73 -0.55 0.00 | 24.49 -0.36 0.00 | 23.86 -0.19 0.00 | 25.93 -0.11 0.00 | 28.33 -0.08 0.00 | 28.76 -0.05 0.00 | 29.63 -0.09 0.00 | 28.28 -0.07 0.00 | 34.36 -0.04 0.00 | 41.33 -0.24 0.00 | 41.67 -0.42 0.00 | 38.41 -0.38 0.00 | 38.96 -0.49 0.00 | 42.13 -0.50 0.94 | 56.84 -0.74 0.06 | 64.08 -0.63 1.04 | 65.80 -0.57 4.49 | 46.90 -0.29 0.00 | 45.54 0.13 0.00 | 40.75 -0.12 0.00 | 30.16 -0.10 0.00 | 36.93 -0.19 0.00 |
| LINDEN COGEN____ 23786 | 27.09 1.41 0.00 | 26.22 1.23 0.00 | 28.32 1.05 0.00 | 25.74 0.88 0.00 | 24.93 0.87 0.00 | 27.15 1.10 0.00 | 29.64 1.24 0.00 | 30.12 1.32 0.00 | 31.11 1.39 0.00 | 29.96 1.60 0.00 | 39.24 2.00 -2.84 | 44.04 2.33 -0.14 | 44.33 2.24 0.00 | 41.52 2.73 0.00 | 42.71 3.26 0.00 | 47.37 3.81 0.00 | 62.88 5.24 0.00 | 71.58 5.84 0.00 | 76.80 5.93 0.00 | 50.87 3.67 0.00 | 48.62 3.22 0.00 | 43.11 2.24 0.00 | 31.96 1.69 0.00 | 39.28 2.16 0.00 |
| LINDHRST_69_KV_BK1 356055 | 27.71 2.04 0.00 | 26.87 1.89 0.00 | 28.88 1.61 0.00 | 26.26 1.40 0.00 | 25.40 1.35 0.00 | 27.78 1.73 0.00 | 30.37 1.96 0.00 | 30.87 2.06 0.00 | 31.84 2.12 0.00 | 30.58 2.22 0.00 | 39.99 2.75 -2.84 | 44.76 3.04 -0.14 | 45.33 3.23 0.00 | 65.24 3.91 -22.53 | 67.13 4.60 -23.08 | 245.74 5.31 -196.86 | 310.48 7.22 -245.63 | 251.17 8.12 -177.30 | 187.43 8.45 -108.12 | 267.98 5.32 -215.46 | 115.40 4.70 -65.29 | 73.50 3.46 -29.17 | 35.41 2.55 -2.60 | 98.30 3.38 -57.81 |
| LIPA_MISC_IPP 23656 | 27.22 1.55 0.00 | 26.41 1.42 0.00 | 28.33 1.06 0.00 | 25.77 0.92 0.00 | 24.91 0.86 0.00 | 27.24 1.19 0.00 | 29.75 1.35 0.00 | 30.25 1.45 0.00 | 31.20 1.47 0.00 | 30.01 1.66 0.00 | 39.19 1.94 -2.84 | 43.69 1.97 -0.14 | 44.31 2.21 0.00 | 59.66 3.12 -17.74 | 66.40 3.87 -23.08 | 244.88 4.45 -196.86 | 309.33 6.07 -245.63 | 263.22 7.10 -190.37 | 180.67 7.32 -102.50 | 267.05 4.39 -215.46 | 114.66 3.96 -65.29 | 72.82 2.78 -29.17 | 34.51 1.95 -2.31 | 96.88 2.58 -57.19 |
| LISF__SOLAR 323691 | 27.28 1.61 0.00 | 26.46 1.48 0.00 | 28.38 1.11 0.00 | 25.82 0.96 0.00 | 24.96 0.90 0.00 | 27.29 1.24 0.00 | 29.81 1.40 0.00 | 30.32 1.51 0.00 | 31.26 1.54 0.00 | 30.06 1.71 0.00 | 39.24 2.00 -2.84 | 43.74 2.03 -0.14 | 44.38 2.28 0.00 | 59.78 3.19 -17.80 | 66.48 3.95 -23.08 | 244.97 4.54 -196.86 | 309.51 6.25 -245.63 | 265.03 7.34 -191.95 | 181.02 7.59 -102.56 | 267.25 4.59 -215.46 | 114.84 4.13 -65.29 | 72.97 2.93 -29.17 | 34.62 2.04 -2.31 | 97.00 2.68 -57.19 |

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|---------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| LITTLE FALLS___HYD 24013 | 25.84 0.16 0.00 | 25.11 0.12 0.00 | 27.35 0.08 0.00 | 24.93 0.07 0.00 | 24.08 0.02 0.00 | 26.23 0.18 0.00 | 28.54 0.14 0.00 | 28.90 0.10 0.00 | 29.87 0.15 0.00 | 28.38 0.03 0.00 | 34.11 -0.29 0.00 | 41.23 -0.34 0.00 | 41.36 -0.73 0.00 | 38.46 -0.33 0.00 | 39.73 0.28 0.00 | 44.75 0.55 -0.63 | 58.14 0.52 0.01 | 66.79 1.26 0.22 | 71.85 1.92 0.93 | 48.67 1.47 0.00 | 46.94 1.53 0.00 | 41.52 0.65 0.00 | 30.61 0.35 0.00 | 37.49 0.37 0.00 |
| LITTLRIV_115KV_TB1 356100 | 30.09 -0.54 -4.95 | 29.57 -0.38 -4.96 | 31.24 -0.16 -4.12 | 30.18 -0.09 -5.41 | 29.27 -0.10 -5.31 | 30.90 -0.20 -5.05 | 29.84 -0.14 -1.57 | 28.83 0.02 0.00 | 29.74 0.02 0.00 | 28.14 -0.22 0.00 | 34.05 -0.35 0.00 | 41.28 -0.29 0.00 | 41.69 -0.40 0.00 | 37.84 -0.96 0.00 | 37.31 -2.14 0.00 | 30.55 -2.51 10.50 | 54.21 -2.88 0.55 | 52.34 -3.18 10.22 | 23.87 -3.01 43.98 | 45.56 -1.64 0.00 | 44.05 -1.36 0.00 | 41.06 0.19 0.00 | 30.36 0.09 0.00 | 37.13 0.02 0.00 |
| LI_NEWBRDGE___DRP 323616 | 27.25 1.58 0.00 | 26.45 1.46 0.00 | 28.48 1.20 0.00 | 25.89 1.03 0.00 | 25.05 0.99 0.00 | 27.36 1.31 0.00 | 29.88 1.48 0.00 | 30.33 1.52 0.00 | 31.27 1.55 0.00 | 30.06 1.71 0.00 | 39.36 2.12 -2.84 | 44.04 2.32 -0.14 | 44.52 2.43 0.00 | 55.57 3.08 -13.70 | 66.16 3.63 -23.08 | 244.69 4.26 -196.86 | 309.05 5.79 -245.63 | 248.42 6.38 -176.30 | 175.15 6.55 -97.74 | 266.79 4.14 -215.46 | 114.29 3.59 -65.29 | 72.50 2.47 -29.17 | 34.27 1.86 -2.15 | 96.52 2.54 -56.86 |
| LOCKPORT_115KV_TB60_63_64 80432 | 25.61 -0.06 0.00 | 24.33 -0.66 0.00 | 26.27 -1.00 0.00 | 23.68 -1.18 0.00 | 23.06 -1.00 0.00 | 25.20 -0.85 0.00 | 28.16 -0.25 0.00 | 28.77 -0.04 0.00 | 29.70 -0.03 0.00 | 27.85 -0.50 0.00 | 34.45 0.05 0.00 | 40.93 -0.64 0.00 | 42.13 0.03 0.00 | 38.24 -0.56 0.00 | 39.00 -0.79 -0.34 | 62.09 -1.30 -19.82 | 63.04 -1.77 -7.17 | 103.61 -2.96 -40.83 | 75.57 -3.90 -8.60 | 45.15 -2.04 0.00 | 43.94 -1.48 0.00 | 39.58 -1.29 0.00 | 29.37 -0.89 0.00 | 35.97 -1.15 0.00 |
| LOCKPORT___CC1 323769 | 25.53 -0.14 0.00 | 24.26 -0.73 0.00 | 26.19 -1.08 0.00 | 23.61 -1.25 0.00 | 22.99 -1.06 0.00 | 25.13 -0.92 0.00 | 28.06 -0.34 0.00 | 28.65 -0.15 0.00 | 29.57 -0.15 0.00 | 27.73 -0.62 0.00 | 34.27 -0.13 0.00 | 40.73 -0.84 0.00 | 41.92 -0.17 0.00 | 38.06 -0.74 0.00 | 38.86 -0.88 -0.29 | 59.40 -1.30 -17.14 | 62.32 -1.98 -6.67 | -111.06 -3.27 173.53 | 33.94 -4.21 32.71 | 44.94 -2.26 0.00 | 43.73 -1.68 0.00 | 39.38 -1.49 0.00 | 29.27 -1.00 0.00 | 35.87 -1.25 0.00 |
| LOCKPORT___CC2 323770 | 25.53 -0.14 0.00 | 24.26 -0.73 0.00 | 26.19 -1.08 0.00 | 23.61 -1.25 0.00 | 22.99 -1.06 0.00 | 25.13 -0.92 0.00 | 28.06 -0.34 0.00 | 28.65 -0.15 0.00 | 29.57 -0.15 0.00 | 27.73 -0.62 0.00 | 34.27 -0.13 0.00 | 40.73 -0.84 0.00 | 41.92 -0.17 0.00 | 38.06 -0.74 0.00 | 38.86 -0.88 -0.29 | 59.40 -1.30 -17.14 | 62.32 -1.98 -6.67 | -111.06 -3.27 173.53 | 33.94 -4.21 32.71 | 44.94 -2.26 0.00 | 43.73 -1.68 0.00 | 39.38 -1.49 0.00 | 29.27 -1.00 0.00 | 35.87 -1.25 0.00 |
| LOCKPORT___CC3 323771 | 25.53 -0.14 0.00 | 24.26 -0.73 0.00 | 26.19 -1.08 0.00 | 23.61 -1.25 0.00 | 22.99 -1.06 0.00 | 25.13 -0.92 0.00 | 28.06 -0.34 0.00 | 28.65 -0.15 0.00 | 29.57 -0.15 0.00 | 27.73 -0.62 0.00 | 34.27 -0.13 0.00 | 40.73 -0.84 0.00 | 41.92 -0.17 0.00 | 38.06 -0.74 0.00 | 38.86 -0.88 -0.29 | 59.40 -1.30 -17.14 | 62.32 -1.98 -6.67 | -111.06 -3.27 173.53 | 33.94 -4.21 32.71 | 44.94 -2.26 0.00 | 43.73 -1.68 0.00 | 39.38 -1.49 0.00 | 29.27 -1.00 0.00 | 35.87 -1.25 0.00 |
| LONG_LAKE_PHOENIX 24014 | 25.44 -0.23 0.00 | 24.66 -0.32 0.00 | 26.79 -0.48 0.00 | 24.42 -0.44 0.00 | 23.69 -0.37 0.00 | 25.73 -0.32 0.00 | 28.16 -0.24 0.00 | 28.58 -0.22 0.00 | 29.47 -0.25 0.00 | 28.09 -0.26 0.00 | 34.12 -0.28 0.00 | 41.12 -0.45 0.00 | 41.65 -0.44 0.00 | 38.42 -0.38 0.00 | 39.11 -0.34 0.00 | 43.30 -0.27 0.00 | 57.24 -0.38 0.02 | 64.99 -0.43 0.33 | 68.92 -0.53 1.42 | 46.85 -0.34 0.00 | 45.12 -0.29 0.00 | 40.37 -0.50 0.00 | 29.90 -0.36 0.00 | 36.63 -0.49 0.00 |
| LOVETT___3 23632 | 26.91 1.24 0.00 | 26.08 1.10 0.00 | 28.20 0.93 0.00 | 25.62 0.76 0.00 | 24.79 0.74 0.00 | 27.01 0.96 0.00 | 29.47 1.07 0.00 | 29.90 1.10 0.00 | 30.83 1.11 0.00 | 29.67 1.32 0.00 | 38.68 1.65 -2.62 | 43.67 1.97 -0.13 | 44.06 1.97 0.00 | 41.20 2.40 0.00 | 42.38 2.93 0.00 | 47.05 3.49 0.00 | 62.41 4.78 0.00 | 71.02 5.28 0.00 | 76.23 5.37 0.00 | 50.48 3.29 0.00 | 48.27 2.86 0.00 | 42.78 1.91 0.00 | 31.69 1.42 0.00 | 38.97 1.85 0.00 |
| LOVETT___4 23642 | 26.91 1.24 0.00 | 26.08 1.10 0.00 | 28.20 0.93 0.00 | 25.62 0.76 0.00 | 24.79 0.74 0.00 | 27.01 0.96 0.00 | 29.47 1.07 0.00 | 29.90 1.10 0.00 | 30.83 1.11 0.00 | 29.67 1.32 0.00 | 38.68 1.65 -2.62 | 43.67 1.97 -0.13 | 44.06 1.97 0.00 | 41.20 2.40 0.00 | 42.38 2.93 0.00 | 47.05 3.49 0.00 | 62.41 4.78 0.00 | 71.02 5.28 0.00 | 76.23 5.37 0.00 | 50.48 3.29 0.00 | 48.27 2.86 0.00 | 42.78 1.91 0.00 | 31.69 1.42 0.00 | 38.97 1.85 0.00 |
| LOVETT___5 23593 | 26.91 1.24 0.00 | 26.08 1.10 0.00 | 28.20 0.93 0.00 | 25.62 0.76 0.00 | 24.79 0.74 0.00 | 27.01 0.96 0.00 | 29.47 1.07 0.00 | 29.90 1.10 0.00 | 30.83 1.11 0.00 | 29.67 1.32 0.00 | 38.68 1.65 -2.62 | 43.67 1.97 -0.13 | 44.06 1.97 0.00 | 41.20 2.40 0.00 | 42.38 2.93 0.00 | 47.05 3.49 0.00 | 62.41 4.78 0.00 | 71.02 5.28 0.00 | 76.23 5.37 0.00 | 50.48 3.29 0.00 | 48.27 2.86 0.00 | 42.78 1.91 0.00 | 31.69 1.42 0.00 | 38.97 1.85 0.00 |
| LOWER RAQUET___HYD 24057 | 29.98 -1.09 -5.40 | 29.49 -0.90 -5.40 | 31.05 -0.71 -4.49 | 30.19 -0.56 -5.90 | 29.30 -0.54 -5.79 | 30.87 -0.68 -5.50 | 29.43 -0.69 -1.71 | 28.27 -0.54 0.00 | 29.22 -0.50 0.00 | 27.65 -0.70 0.00 | 33.49 -0.91 0.00 | 40.61 -0.97 0.00 | 40.99 -1.10 0.00 | 37.25 -1.55 0.00 | 36.76 -2.69 0.00 | 30.20 -3.09 10.28 | 53.37 -3.74 0.52 | 51.90 -4.07 9.77 | 24.79 -4.02 42.05 | 44.72 -2.48 0.00 | 43.23 -2.18 0.00 | 40.32 -0.55 0.00 | 29.84 -0.43 0.00 | 36.52 -0.60 0.00 |
| LOWER___HUDSON 24059 | 26.61 0.93 0.00 | 25.89 0.90 0.00 | 28.23 0.95 0.00 | 25.72 0.86 0.00 | 24.91 0.86 0.00 | 27.11 1.06 0.00 | 29.39 0.98 0.00 | 29.66 0.85 0.00 | 30.55 0.83 0.00 | 29.10 0.75 0.00 | 31.33 0.72 3.79 | 42.35 0.97 0.19 | 42.95 0.85 0.00 | 39.91 1.12 0.00 | 40.88 1.43 0.00 | 45.14 1.57 0.00 | 59.53 1.90 0.00 | 68.15 2.40 0.00 | 73.73 2.86 0.00 | 49.18 1.99 0.00 | 47.35 1.94 0.00 | 42.09 1.22 0.00 | 31.17 0.91 0.00 | 38.29 1.18 0.00 |
| LOWVILLE_115KV_TB2 356335 | 26.35 -0.86 -1.54 | 25.76 -0.77 -1.54 | 27.93 -0.63 -1.28 | 26.37 -0.17 -1.69 | 25.90 0.20 -1.65 | 28.05 0.43 -1.57 | 29.45 0.56 -0.49 | 29.41 0.60 0.00 | 30.32 0.60 0.00 | 28.98 0.62 0.00 | 35.05 0.65 0.00 | 42.14 0.57 0.00 | 42.33 0.24 0.00 | 38.87 0.07 0.00 | 39.14 -0.31 0.00 | 40.77 -0.27 2.52 | 57.23 -0.26 0.15 | 63.00 0.04 2.79 | 59.27 0.41 12.00 | 47.68 0.48 0.00 | 46.57 1.16 0.00 | 41.73 0.86 0.00 | 30.85 0.59 0.00 | 37.74 0.62 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 27.33 1.65 0.00 | 26.54 1.56 0.00 | 28.89 1.62 0.00 | 26.33 1.47 0.00 | 25.52 1.47 0.00 | 27.83 1.78 0.00 | 30.27 1.87 0.00 | 30.57 1.77 0.00 | 31.49 1.76 0.00 | 29.93 1.58 0.00 | 32.90 1.73 3.22 | 43.70 2.29 0.16 | 44.26 2.17 0.00 | 41.08 2.29 0.00 | 42.02 2.56 0.00 | 46.54 2.98 0.00 | 61.40 3.76 0.00 | 70.37 4.62 0.00 | 76.25 5.38 0.00 | 50.81 3.61 0.00 | 48.91 3.50 0.00 | 43.44 2.58 0.00 | 32.14 1.87 0.00 | 39.42 2.31 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 27.36 1.68 0.00 | 26.55 1.56 0.00 | 28.88 1.61 0.00 | 26.33 1.47 0.00 | 25.51 1.46 0.00 | 27.84 1.78 0.00 | 30.28 1.88 0.00 | 30.56 1.76 0.00 | 31.49 1.76 0.00 | 29.95 1.60 0.00 | 32.90 1.73 3.22 | 43.74 2.33 0.16 | 44.31 2.21 0.00 | 41.12 2.33 0.00 | 42.08 2.62 0.00 | 46.60 3.04 0.00 | 61.48 3.85 0.00 | 70.48 4.74 0.00 | 76.33 5.46 0.00 | 50.86 3.66 0.00 | 48.94 3.53 0.00 | 43.43 2.56 0.00 | 32.13 1.87 0.00 | 39.45 2.34 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 28.30 -1.04 -3.66 | 27.74 -0.91 -3.67 | 29.56 -0.77 -3.05 | 28.39 -0.46 -4.00 | 27.72 -0.26 -3.93 | 29.56 -0.22 -3.74 | 29.38 -0.18 -1.16 | 28.73 -0.07 0.00 | 29.65 -0.07 0.00 | 28.20 -0.15 0.00 | 34.13 -0.28 0.00 | 41.12 -0.45 0.00 | 41.33 -0.77 0.00 | 37.75 -1.05 0.00 | 37.59 -1.86 0.00 | 34.70 -2.05 6.82 | 54.78 -2.50 0.36 | 56.58 -2.53 6.63 | 39.99 -2.34 28.54 | 45.87 -1.33 0.00 | 44.72 -0.69 0.00 | 40.82 -0.05 0.00 | 30.19 -0.07 0.00 | 36.93 -0.19 0.00 |
| LYONS_FALL_HYD 23570 | 26.43 -0.27 -1.02 | 25.77 -0.24 -1.02 | 27.96 -0.16 -0.85 | 26.07 0.10 -1.12 | 25.47 0.32 -1.10 | 27.61 0.52 -1.04 | 29.40 0.67 -0.32 | 29.52 0.71 0.00 | 30.46 0.74 0.00 | 29.07 0.72 0.00 | 35.22 0.82 0.00 | 42.39 0.82 0.00 | 42.72 0.62 0.00 | 39.31 0.52 0.00 | 39.80 0.34 0.00 | 42.63 0.48 1.42 | 58.27 0.73 0.10 | 64.91 1.02 1.85 | 64.25 1.34 7.96 | 48.19 0.99 0.00 | 46.79 1.38 0.00 | 41.88 1.01 0.00 | 30.94 0.68 0.00 | 37.86 0.75 0.00 |
| MADISON___COUNTY_LFGE 323628 | 26.40 0.73 0.00 | 25.61 0.62 0.00 | 27.87 0.60 0.00 | 25.43 0.57 0.00 | 24.67 0.62 0.00 | 26.83 0.78 0.00 | 29.43 1.02 0.00 | 29.91 1.11 0.00 | 30.91 1.19 0.00 | 29.49 1.14 0.00 | 35.85 1.45 0.00 | 43.16 1.59 0.00 | 43.72 1.63 0.00 | 40.37 1.57 0.00 | 41.15 1.69 0.00 | 45.43 1.87 0.00 | 60.14 2.53 0.03 | 68.05 2.87 0.56 | 71.61 3.15 2.41 | 49.28 2.08 0.00 | 47.47 2.07 0.00 | 42.38 1.51 0.00 | 31.28 1.01 0.00 | 38.25 1.13 0.00 |
| MALONE___115KV_TB1 356076 | 48.51 -1.12 -23.96 | 48.00 -0.98 -23.99 | 46.32 -0.90 -19.94 | 50.24 -0.78 -26.17 | 48.96 -0.77 -25.68 | 49.51 -0.95 -24.41 | 35.11 -0.89 -7.60 | 28.30 -0.50 0.00 | 29.74 0.02 0.00 | 28.41 0.05 0.00 | 34.47 0.06 0.00 | 41.95 0.38 0.00 | 42.19 0.10 0.00 | 38.26 -0.54 0.00 | 38.00 -1.45 0.00 | 29.72 -1.81 12.04 | 55.24 -2.21 0.19 | 60.02 -2.15 3.58 | 53.61 -1.85 15.41 | 46.13 -1.07 0.00 | 44.62 -0.79 0.00 | 41.29 0.42 0.00 | 30.60 0.33 0.00 | 37.34 0.22 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 26.34 0.67 0.00 | 25.63 0.65 0.00 | 27.96 0.68 0.00 | 25.48 0.62 0.00 | 24.66 0.61 0.00 | 26.82 0.77 0.00 | 29.10 0.69 0.00 | 29.40 0.60 0.00 | 30.33 0.60 0.00 | 28.94 0.59 0.00 | 32.15 0.60 2.85 | 42.19 0.77 0.14 | 42.82 0.72 0.00 | 39.80 1.01 0.00 | 40.82 1.37 0.00 | 45.10 1.54 0.00 | 59.44 1.81 0.00 | 67.99 2.25 0.00 | 73.39 2.53 0.00 | 48.87 1.68 0.00 | 47.01 1.60 0.00 | 41.82 0.95 0.00 | 30.96 0.70 0.00 | 37.99 0.87 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 24.60 -1.07 0.00 | 24.17 -0.82 0.00 | 26.57 -0.70 0.00 | 24.35 -0.51 0.00 | 23.73 -0.33 0.00 | 25.75 -0.30 0.00 | 28.09 -0.31 0.00 | 28.52 -0.28 0.00 | 29.46 -0.26 0.00 | 28.11 -0.24 0.00 | 34.11 -0.29 0.00 | 41.34 -0.23 0.00 | 41.86 -0.24 0.00 | 38.36 -0.44 0.00 | 38.74 -0.71 0.00 | 23.24 -0.84 19.49 | 56.65 -1.01 -0.03 | 65.08 -1.12 -0.46 | 71.74 -1.11 -1.98 | 46.50 -0.69 0.00 | 44.66 -0.75 0.00 | 40.45 -0.42 0.00 | 29.94 -0.33 0.00 | 36.74 -0.37 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 24.60 -1.07 0.00 | 24.17 -0.82 0.00 | 26.57 -0.70 0.00 | 24.35 -0.51 0.00 | 23.73 -0.33 0.00 | 25.75 -0.30 0.00 | 28.09 -0.31 0.00 | 28.52 -0.28 0.00 | 29.46 -0.26 0.00 | 28.11 -0.24 0.00 | 34.11 -0.29 0.00 | 41.34 -0.23 0.00 | 41.86 -0.24 0.00 | 38.36 -0.44 0.00 | 38.74 -0.71 0.00 | 23.24 -0.84 19.49 | 56.65 -1.01 -0.03 | 65.08 -1.12 -0.46 | 71.74 -1.11 -1.98 | 46.50 -0.69 0.00 | 44.66 -0.75 0.00 | 40.45 -0.42 0.00 | 29.94 -0.33 0.00 | 36.74 -0.37 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | -13.24 -1.22 37.69 | -13.88 -1.13 37.74 | -5.17 -1.08 31.37 | -17.24 -0.93 41.16 | -17.31 -0.96 40.41 | -13.48 -1.12 38.41 | 15.32 -1.13 11.95 | 28.07 -0.73 0.00 | 29.72 0.00 0.00 | 28.48 0.12 0.00 | 34.57 0.16 0.00 | 42.07 0.50 0.00 | 42.12 0.02 0.00 | 38.15 -0.64 0.00 | 37.92 -1.53 0.00 | 28.77 -1.92 12.88 | 55.15 -2.45 0.03 | 62.72 -2.40 0.62 | 66.11 -2.09 2.66 | 45.98 -1.22 0.00 | 44.59 -0.82 0.00 | 41.27 0.40 0.00 | 30.72 0.46 0.00 | 37.49 0.37 0.00 |
| MARSHVLE_115KV_TB1 80742 | 27.29 1.61 0.00 | 26.45 1.46 0.00 | 28.83 1.56 0.00 | 26.32 1.46 0.00 | 25.48 1.42 0.00 | 27.66 1.61 0.00 | 30.33 1.93 0.00 | 30.93 2.13 0.00 | 31.97 2.25 0.00 | 30.29 1.94 0.00 | 35.03 2.28 1.65 | 43.80 2.31 0.08 | 44.41 2.32 0.00 | 40.89 2.09 0.00 | 41.60 2.15 0.00 | 46.06 2.50 0.00 | 61.27 3.64 0.00 | 70.13 4.38 0.00 | 76.11 5.25 0.00 | 50.65 3.45 0.00 | 48.70 3.30 0.00 | 43.94 3.07 0.00 | 32.50 2.24 0.00 | 39.71 2.59 0.00 |
| MARSH_HILL_WT_PWR 323713 | 25.58 -0.09 0.00 | 24.79 -0.20 0.00 | 26.43 -0.85 0.00 | 23.81 -1.05 0.00 | 22.96 -1.10 0.00 | 25.61 -0.44 0.00 | 28.55 0.15 0.00 | 29.87 1.06 0.00 | 31.19 1.46 0.00 | 30.10 1.75 0.00 | 37.31 2.92 0.00 | 44.10 2.53 0.00 | 45.50 3.40 0.00 | 42.26 3.46 0.00 | 43.30 3.53 -0.33 | 71.10 4.03 -23.51 | 82.63 5.37 -19.62 | 71.66 4.96 -0.96 | 78.96 5.89 -2.20 | 51.37 4.17 0.00 | 49.42 4.01 0.00 | 44.49 3.62 0.00 | 33.08 2.81 0.00 | 39.74 2.62 0.00 |
| MCINTYRE_115KV_TB2 80467 | 29.73 -0.13 -4.19 | 29.19 0.01 -4.20 | 31.00 0.24 -3.49 | 29.70 0.26 -4.58 | 28.76 0.21 -4.49 | 30.43 0.11 -4.27 | 29.94 0.20 -1.33 | 29.16 0.35 0.00 | 30.04 0.32 0.00 | 28.40 0.05 0.00 | 34.36 -0.05 0.00 | 41.66 0.09 0.00 | 42.07 -0.03 0.00 | 38.16 -0.64 0.00 | 37.63 -1.82 0.00 | 30.54 -2.18 10.86 | 54.70 -2.35 0.59 | 52.09 -2.71 10.94 | 21.32 -2.46 47.08 | 46.04 -1.16 0.00 | 44.51 -0.90 0.00 | 41.47 0.60 0.00 | 30.66 0.40 0.00 | 37.50 0.38 0.00 |
| MECO_____69_KV_BK1 80468 | 27.52 1.84 0.00 | 26.68 1.69 0.00 | 29.05 1.78 0.00 | 26.48 1.62 0.00 | 25.65 1.60 0.00 | 27.89 1.84 0.00 | 30.56 2.15 0.00 | 31.11 2.31 0.00 | 32.09 2.37 0.00 | 30.16 1.82 0.00 | 34.49 1.91 1.82 | 43.47 1.99 0.09 | 43.75 1.65 0.00 | 40.24 1.44 0.00 | 41.16 1.71 0.00 | 45.86 2.29 0.00 | 61.01 3.38 0.00 | 70.62 4.87 0.00 | 77.31 6.45 0.00 | 51.49 4.29 0.00 | 49.50 4.09 0.00 | 44.32 3.45 0.00 | 32.72 2.46 0.00 | 39.95 2.83 0.00 |
| MENANDS___115KV_TB5 355628 | 26.13 0.46 0.00 | 25.44 0.45 0.00 | 27.74 0.47 0.00 | 25.29 0.43 0.00 | 24.48 0.42 0.00 | 26.62 0.57 0.00 | 28.87 0.46 0.00 | 29.15 0.35 0.00 | 30.08 0.35 0.00 | 28.72 0.36 0.00 | 31.90 0.32 2.82 | 41.88 0.45 0.14 | 42.47 0.37 0.00 | 39.50 0.70 0.00 | 40.49 1.04 0.00 | 44.71 1.15 0.00 | 58.96 1.32 0.00 | 67.40 1.66 0.00 | 72.75 1.89 0.00 | 48.46 1.27 0.00 | 46.61 1.21 0.00 | 41.46 0.59 0.00 | 30.71 0.44 0.00 | 37.71 0.59 0.00 |
| MG INDUSTRY___DRP 24185 | 26.20 0.53 0.00 | 25.51 0.53 0.00 | 27.87 0.60 0.00 | 25.40 0.55 0.00 | 24.60 0.54 0.00 | 26.74 0.69 0.00 | 29.04 0.64 0.00 | 29.31 0.50 0.00 | 30.21 0.49 0.00 | 28.84 0.48 0.00 | 33.34 0.43 1.49 | 41.99 0.50 0.08 | 42.48 0.39 0.00 | 39.42 0.63 0.00 | 40.35 0.90 0.00 | 44.54 0.97 0.00 | 58.81 1.17 0.00 | 67.32 1.57 0.00 | 72.76 1.90 0.00 | 48.51 1.31 0.00 | 46.70 1.29 0.00 | 41.63 0.76 0.00 | 30.85 0.58 0.00 | 37.86 0.74 0.00 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| MID___OSWEGATCHIE_HYD 23849 | 28.30 -1.04 -3.66 | 27.74 -0.91 -3.67 | 29.56 -0.77 -3.05 | 28.39 -0.46 -4.00 | 27.72 -0.26 -3.93 | 29.56 -0.22 -3.74 | 29.38 -0.18 -1.16 | 28.73 -0.07 0.00 | 29.65 -0.07 0.00 | 28.20 -0.15 0.00 | 34.13 -0.28 0.00 | 41.12 -0.45 0.00 | 41.33 -0.77 0.00 | 37.75 -1.05 0.00 | 37.59 -1.86 0.00 | 34.70 -2.05 6.82 | 54.78 -2.50 0.36 | 56.58 -2.53 6.63 | 39.99 -2.34 28.54 | 45.87 -1.33 0.00 | 44.72 -0.69 0.00 | 40.82 -0.05 0.00 | 30.19 -0.07 0.00 | 36.93 -0.19 0.00 |
| MID___RAQUETTE_HYD 23851 | 29.98 -1.09 -5.40 | 29.49 -0.90 -5.40 | 31.05 -0.71 -4.49 | 30.19 -0.56 -5.90 | 29.30 -0.54 -5.79 | 30.87 -0.68 -5.50 | 29.43 -0.69 -1.71 | 28.27 -0.54 0.00 | 29.22 -0.50 0.00 | 27.65 -0.71 0.00 | 33.48 -0.92 0.00 | 40.61 -0.97 0.00 | 40.99 -1.10 0.00 | 37.25 -1.55 0.00 | 36.77 -2.68 0.00 | 30.21 -3.08 10.28 | 53.37 -3.74 0.52 | 51.90 -4.07 9.77 | 24.79 -4.02 42.05 | 44.72 -2.48 0.00 | 43.23 -2.18 0.00 | 40.32 -0.55 0.00 | 29.84 -0.43 0.00 | 36.52 -0.60 0.00 |
| MILLIKEN___1 23584 | 26.39 0.72 0.00 | 25.51 0.52 0.00 | 27.69 0.42 0.00 | 25.18 0.33 0.00 | 24.44 0.38 0.00 | 26.61 0.56 0.00 | 29.21 0.81 0.00 | 29.63 0.83 0.00 | 30.84 1.12 0.00 | 29.47 1.12 0.00 | 35.81 1.41 0.00 | 42.86 1.29 0.00 | 43.51 1.41 0.00 | 40.20 1.41 0.00 | 41.13 1.60 -0.08 | 51.15 1.82 -5.76 | 65.07 2.58 -4.86 | 68.86 2.89 -0.23 | 74.67 3.28 -0.53 | 49.51 2.31 0.00 | 47.66 2.25 0.00 | 42.47 1.60 0.00 | 31.35 1.09 0.00 | 38.27 1.15 0.00 |
| MILLIKEN___2 23585 | 26.39 0.72 0.00 | 25.51 0.52 0.00 | 27.69 0.42 0.00 | 25.18 0.33 0.00 | 24.44 0.38 0.00 | 26.61 0.56 0.00 | 29.21 0.81 0.00 | 29.63 0.83 0.00 | 30.84 1.12 0.00 | 29.47 1.12 0.00 | 35.81 1.41 0.00 | 42.86 1.29 0.00 | 43.51 1.41 0.00 | 40.20 1.41 0.00 | 41.13 1.60 -0.08 | 51.15 1.82 -5.76 | 65.07 2.58 -4.86 | 68.86 2.89 -0.23 | 74.67 3.28 -0.53 | 49.51 2.31 0.00 | 47.66 2.25 0.00 | 42.47 1.60 0.00 | 31.35 1.09 0.00 | 38.27 1.15 0.00 |
| MILLIKEN___DIESEL 23629 | 26.39 0.72 0.00 | 25.51 0.52 0.00 | 27.69 0.42 0.00 | 25.18 0.33 0.00 | 24.44 0.38 0.00 | 26.61 0.56 0.00 | 29.21 0.81 0.00 | 29.63 0.83 0.00 | 30.84 1.12 0.00 | 29.47 1.12 0.00 | 35.81 1.41 0.00 | 42.86 1.29 0.00 | 43.51 1.41 0.00 | 40.20 1.41 0.00 | 41.13 1.60 -0.08 | 51.15 1.82 -5.76 | 65.07 2.58 -4.86 | 68.86 2.89 -0.23 | 74.67 3.28 -0.53 | 49.51 2.31 0.00 | 47.66 2.25 0.00 | 42.47 1.60 0.00 | 31.35 1.09 0.00 | 38.27 1.15 0.00 |
| MILLSEAT___LFGE 323607 | 26.26 0.58 0.00 | 24.97 -0.02 0.00 | 26.96 -0.31 0.00 | 24.32 -0.53 0.00 | 23.68 -0.37 0.00 | 25.89 -0.17 0.00 | 28.90 0.49 0.00 | 29.56 0.75 0.00 | 30.48 0.76 0.00 | 28.66 0.31 0.00 | 35.43 1.03 0.00 | 42.14 0.57 0.00 | 43.23 1.14 0.00 | 39.30 0.51 0.00 | 40.23 0.52 -0.26 | 59.18 0.28 -15.33 | 62.81 0.13 -5.04 | 98.73 -0.72 -33.71 | 76.41 -1.46 -7.01 | 46.69 -0.50 0.00 | 45.30 -0.10 0.00 | 40.68 -0.19 0.00 | 30.13 -0.14 0.00 | 36.80 -0.31 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 27.01 1.34 0.00 | 26.17 1.18 0.00 | 28.31 1.04 0.00 | 25.72 0.86 0.00 | 24.89 0.84 0.00 | 27.13 1.08 0.00 | 29.61 1.20 0.00 | 30.03 1.23 0.00 | 31.01 1.29 0.00 | 29.82 1.47 0.00 | 39.04 1.82 -2.81 | 43.86 2.15 -0.14 | 44.24 2.15 0.00 | 41.36 2.56 0.00 | 42.53 3.08 0.00 | 47.22 3.65 0.00 | 62.63 4.99 0.00 | 71.27 5.53 0.00 | 76.53 5.66 0.00 | 50.71 3.51 0.00 | 48.50 3.09 0.00 | 42.99 2.12 0.00 | 31.86 1.59 0.00 | 39.17 2.05 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 27.10 1.42 0.00 | 26.25 1.26 0.00 | 28.39 1.12 0.00 | 25.79 0.93 0.00 | 24.96 0.91 0.00 | 27.21 1.16 0.00 | 29.70 1.29 0.00 | 30.14 1.33 0.00 | 31.11 1.39 0.00 | 29.93 1.58 0.00 | 39.20 1.98 -2.81 | 44.05 2.34 -0.14 | 44.45 2.36 0.00 | 41.54 2.75 0.00 | 42.75 3.29 0.00 | 47.46 3.90 0.00 | 62.96 5.32 0.00 | 71.68 5.93 0.00 | 76.93 6.06 0.00 | 50.97 3.77 0.00 | 48.76 3.35 0.00 | 43.18 2.31 0.00 | 31.99 1.72 0.00 | 39.32 2.20 0.00 |
| MODEL_CITY_ENERGY 24167 | 25.32 -0.36 0.00 | 24.06 -0.93 0.00 | 25.99 -1.29 0.00 | 23.43 -1.43 0.00 | 22.80 -1.25 0.00 | 24.93 -1.11 0.00 | 27.87 -0.53 0.00 | 28.47 -0.33 0.00 | 29.38 -0.34 0.00 | 27.55 -0.80 0.00 | 34.07 -0.33 0.00 | 40.47 -1.10 0.00 | 41.69 -0.40 0.00 | 37.83 -0.97 0.00 | 38.72 -1.15 -0.42 | 66.83 -1.59 -24.85 | 63.81 -2.36 -8.54 | 85.07 -3.67 -22.99 | 71.51 -4.66 -5.30 | 44.67 -2.52 0.00 | 43.47 -1.94 0.00 | 39.19 -1.68 0.00 | 29.07 -1.19 0.00 | 35.59 -1.53 0.00 |
| MODERN_LFGE___ 323580 | 25.32 -0.36 0.00 | 24.06 -0.93 0.00 | 25.99 -1.29 0.00 | 23.43 -1.43 0.00 | 22.80 -1.25 0.00 | 24.93 -1.11 0.00 | 27.87 -0.53 0.00 | 28.47 -0.33 0.00 | 29.38 -0.34 0.00 | 27.55 -0.80 0.00 | 34.07 -0.33 0.00 | 40.47 -1.10 0.00 | 41.69 -0.40 0.00 | 37.83 -0.97 0.00 | 38.72 -1.15 -0.42 | 66.83 -1.59 -24.85 | 63.81 -2.36 -8.54 | 85.07 -3.67 -22.99 | 71.51 -4.66 -5.30 | 44.67 -2.52 0.00 | 43.47 -1.94 0.00 | 39.19 -1.68 0.00 | 29.07 -1.19 0.00 | 35.59 -1.53 0.00 |
| MOHAWK_PAPER___DRP 24187 | 26.34 0.67 0.00 | 25.63 0.65 0.00 | 27.96 0.68 0.00 | 25.48 0.62 0.00 | 24.66 0.61 0.00 | 26.82 0.77 0.00 | 29.10 0.69 0.00 | 29.40 0.60 0.00 | 30.33 0.60 0.00 | 28.94 0.59 0.00 | 32.15 0.60 2.85 | 42.19 0.77 0.14 | 42.82 0.72 0.00 | 39.80 1.01 0.00 | 40.82 1.37 0.00 | 45.10 1.54 0.00 | 59.44 1.81 0.00 | 67.99 2.25 0.00 | 73.39 2.53 0.00 | 48.87 1.68 0.00 | 47.01 1.60 0.00 | 41.82 0.95 0.00 | 30.96 0.70 0.00 | 37.99 0.87 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 27.66 1.99 0.00 | 26.86 1.87 0.00 | 29.24 1.96 0.00 | 26.64 1.78 0.00 | 25.84 1.79 0.00 | 28.23 2.18 0.00 | 30.76 2.36 0.00 | 31.06 2.26 0.00 | 31.92 2.20 0.00 | 30.32 1.96 0.00 | 33.43 2.10 3.06 | 44.20 2.79 0.15 | 44.76 2.67 0.00 | 41.50 2.71 0.00 | 42.42 2.98 0.00 | 47.20 3.63 0.00 | 62.16 4.52 0.00 | 71.30 5.55 0.00 | 77.73 6.86 0.00 | 51.82 4.63 0.00 | 49.93 4.53 0.00 | 44.34 3.47 0.00 | 32.80 2.54 0.00 | 40.21 3.09 0.00 |
| MONGAUP___HYD 23641 | 27.12 1.45 0.00 | 26.26 1.27 0.00 | 28.45 1.18 0.00 | 25.85 0.99 0.00 | 25.02 0.97 0.00 | 27.26 1.21 0.00 | 29.77 1.37 0.00 | 30.19 1.38 0.00 | 31.05 1.33 0.00 | 29.62 1.26 0.00 | 38.05 1.35 -2.30 | 43.57 1.89 -0.12 | 43.88 1.79 0.00 | 40.81 2.01 0.00 | 41.92 2.47 0.00 | 46.58 3.02 0.00 | 61.72 4.08 0.00 | 70.16 4.42 0.00 | 76.25 5.38 0.00 | 51.18 3.98 0.00 | 49.07 3.66 0.00 | 43.52 2.65 0.00 | 32.15 1.89 0.00 | 39.47 2.35 0.00 |
| MONTAUK___DIESEL 23721 | 27.85 2.18 0.00 | 26.78 1.80 0.00 | 28.57 1.30 0.00 | 25.96 1.10 0.00 | 24.93 0.88 0.00 | 27.20 1.15 0.00 | 29.74 1.34 0.00 | 30.28 1.48 0.00 | 31.38 1.65 0.00 | 30.40 2.05 0.00 | 39.50 2.25 -2.84 | 43.96 2.24 -0.14 | 44.74 2.65 0.00 | 59.99 3.43 -17.76 | 66.73 4.20 -23.08 | 245.47 5.04 -196.86 | 311.07 7.81 -245.63 | 266.13 9.42 -190.96 | 182.94 9.56 -102.52 | 268.68 6.03 -215.46 | 116.24 5.54 -65.29 | 74.65 4.62 -29.17 | 35.34 2.77 -2.31 | 97.27 2.96 -57.19 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 25.47 -0.20 0.00 | 24.42 -0.57 0.00 | 26.27 -1.00 0.00 | 23.83 -1.02 0.00 | 23.36 -0.69 0.00 | 25.36 -0.69 0.00 | 28.39 -0.01 0.00 | 29.25 0.44 0.00 | 30.37 0.65 0.00 | 28.67 0.32 0.00 | 35.49 1.09 0.00 | 42.82 1.25 0.00 | 44.20 2.11 0.00 | 40.21 1.41 0.00 | 41.70 1.50 -0.75 | 99.70 1.30 -54.84 | 106.44 2.02 -46.79 | 69.34 1.30 -2.29 | 76.88 0.75 -5.27 | 47.65 0.45 0.00 | 46.28 0.88 0.00 | 41.37 0.50 0.00 | 30.69 0.42 0.00 | 37.40 0.28 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 25.58 -0.09 0.00 | 24.47 -0.51 0.00 | 26.40 -0.87 0.00 | 23.83 -1.03 0.00 | 23.18 -0.88 0.00 | 25.38 -0.67 0.00 | 28.33 -0.08 0.00 | 29.03 0.22 0.00 | 30.02 0.30 0.00 | 28.43 0.07 0.00 | 35.03 0.63 0.00 | 41.98 0.41 0.00 | 43.00 0.90 0.00 | 39.46 0.66 0.00 | 40.59 0.73 -0.41 | 74.49 0.63 -30.29 | 85.05 0.79 -26.62 | 67.08 0.04 -1.30 | 73.33 -0.53 -2.99 | 47.14 -0.06 0.00 | 45.63 0.23 0.00 | 40.78 -0.09 0.00 | 30.24 -0.02 0.00 | 36.89 -0.23 0.00 |
| MORTIMER_115KV_TB3 55949 | 26.02 0.35 0.00 | 24.93 -0.05 0.00 | 26.98 -0.30 0.00 | 24.43 -0.43 0.00 | 23.73 -0.33 0.00 | 25.87 -0.18 0.00 | 28.67 0.26 0.00 | 29.23 0.43 0.00 | 30.14 0.42 0.00 | 28.52 0.17 0.00 | 35.05 0.64 0.00 | 41.93 0.36 0.00 | 42.77 0.68 0.00 | 39.13 0.33 0.00 | 39.72 0.30 0.04 | 40.55 0.22 3.23 | 54.12 0.24 3.75 | 69.73 -0.29 -4.27 | 70.42 -0.88 -0.43 | 46.85 -0.35 0.00 | 45.31 -0.10 0.00 | 40.65 -0.22 0.00 | 30.09 -0.17 0.00 | 36.73 -0.39 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 27.23 1.56 0.00 | 26.37 1.38 0.00 | 28.50 1.23 0.00 | 25.90 1.04 0.00 | 25.06 1.01 0.00 | 27.32 1.27 0.00 | 29.82 1.41 0.00 | 30.27 1.47 0.00 | 31.28 1.56 0.00 | 30.12 1.76 0.00 | 39.44 2.19 -2.84 | 44.27 2.56 -0.14 | 44.57 2.48 0.00 | 41.68 2.88 0.00 | 42.89 3.44 0.00 | 47.61 4.04 0.00 | 63.17 5.53 0.00 | 71.87 6.13 0.00 | 77.11 6.24 0.00 | 51.07 3.87 0.00 | 48.83 3.42 0.00 | 43.28 2.41 0.00 | 32.10 1.84 0.00 | 39.51 2.40 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 27.49 1.82 0.00 | 26.36 1.37 0.00 | 29.03 1.76 0.00 | 26.18 1.33 0.00 | 25.51 1.46 0.00 | 27.84 1.79 0.00 | 30.75 2.35 0.00 | 32.64 3.83 0.00 | 33.56 3.84 0.00 | 32.18 3.83 0.00 | 39.24 4.84 0.00 | 47.21 5.64 0.00 | 48.22 6.12 0.00 | 44.35 5.55 0.00 | 45.55 6.04 -0.06 | 54.79 6.68 -4.54 | 70.65 9.17 -3.84 | 76.13 10.20 -0.18 | 80.62 9.29 -0.47 | 52.76 5.56 0.00 | 50.72 5.31 0.00 | 45.16 4.29 0.00 | 33.25 2.99 0.00 | 40.42 3.30 0.00 |
| N SALMON___HYD 24042 | 48.51 -1.12 -23.96 | 48.00 -0.98 -23.99 | 46.32 -0.90 -19.94 | 50.24 -0.78 -26.17 | 48.96 -0.78 -25.68 | 49.51 -0.95 -24.41 | 35.11 -0.89 -7.60 | 28.30 -0.50 0.00 | 29.74 0.02 0.00 | 28.41 0.05 0.00 | 34.47 0.06 0.00 | 41.95 0.37 0.00 | 42.19 0.10 0.00 | 38.26 -0.54 0.00 | 37.99 -1.46 0.00 | 29.71 -1.81 12.04 | 55.24 -2.21 0.19 | 60.01 -2.15 3.58 | 53.61 -1.85 15.41 | 46.13 -1.07 0.00 | 44.62 -0.79 0.00 | 41.29 0.42 0.00 | 30.60 0.33 0.00 | 37.34 0.22 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 26.13 0.45 0.00 | 24.83 -0.16 0.00 | 26.81 -0.47 0.00 | 24.18 -0.67 0.00 | 23.54 -0.51 0.00 | 25.74 -0.31 0.00 | 28.75 0.34 0.00 | 29.39 0.59 0.00 | 30.34 0.61 0.00 | 28.50 0.15 0.00 | 35.25 0.85 0.00 | 41.90 0.34 0.00 | 43.06 0.96 0.00 | 39.11 0.32 0.00 | 39.95 0.21 -0.29 | 60.51 -0.17 -17.11 | 63.24 -0.28 -5.89 | 101.05 -1.23 -36.53 | 76.47 -2.03 -7.64 | 46.35 -0.85 0.00 | 45.03 -0.38 0.00 | 40.46 -0.41 0.00 | 29.98 -0.28 0.00 | 36.66 -0.46 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 27.53 1.86 0.00 | 26.68 1.70 0.00 | 28.72 1.45 0.00 | 26.11 1.25 0.00 | 25.26 1.21 0.00 | 27.60 1.55 0.00 | 30.17 1.76 0.00 | 30.63 1.83 0.00 | 31.59 1.87 0.00 | 30.38 2.03 0.00 | 39.81 2.57 -2.84 | 44.58 2.87 -0.14 | 45.03 2.94 0.00 | 75.04 3.56 -32.69 | 66.61 4.08 -23.08 | 245.24 4.81 -196.86 | 309.85 6.59 -245.63 | 251.54 7.34 -178.46 | 198.47 7.55 -120.06 | 267.42 4.76 -215.46 | 114.88 4.18 -65.29 | 73.15 3.12 -29.17 | 35.87 2.36 -3.25 | 99.33 3.05 -59.16 |
| N.E_GEN_SANDY PD 24062 | 26.87 0.85 -0.35 | 27.57 0.79 -1.79 | 28.15 0.77 -0.11 | 25.65 0.69 -0.10 | 24.73 0.67 0.00 | 27.05 0.88 -0.11 | 29.21 0.81 0.00 | 29.48 0.68 0.00 | 30.37 0.65 0.00 | 29.65 0.68 -0.62 | 13.87 0.66 21.19 | 41.37 0.84 1.05 | 42.79 0.75 0.05 | 39.97 1.18 0.00 | 41.02 1.58 0.00 | 45.34 1.77 0.00 | 59.87 2.24 0.00 | 68.42 2.67 0.00 | 73.87 3.00 0.00 | 48.68 2.00 0.52 | 48.91 1.89 -1.62 | 40.72 1.07 1.22 | 31.18 0.82 -0.10 | 37.50 1.13 0.74 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 26.98 1.30 0.00 | 26.13 1.15 0.00 | 28.26 0.99 0.00 | 25.67 0.81 0.00 | 24.84 0.79 0.00 | 27.06 1.01 0.00 | 29.53 1.12 0.00 | 29.98 1.17 0.00 | 30.92 1.19 0.00 | 29.76 1.41 0.00 | 38.78 1.77 -2.61 | 43.84 2.14 -0.13 | 44.24 2.15 0.00 | 41.38 2.58 0.00 | 42.58 3.13 0.00 | 47.29 3.72 0.00 | 62.72 5.09 0.00 | 71.37 5.62 0.00 | 76.60 5.73 0.00 | 50.70 3.50 0.00 | 48.47 3.06 0.00 | 42.95 2.08 0.00 | 31.80 1.54 0.00 | 39.09 1.97 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 27.37 1.70 0.00 | 26.53 1.54 0.00 | 28.65 1.38 0.00 | 26.04 1.18 0.00 | 25.20 1.14 0.00 | 27.49 1.44 0.00 | 30.02 1.61 0.00 | 30.49 1.68 0.00 | 31.50 1.78 0.00 | 30.34 1.99 0.00 | 39.68 2.43 -2.85 | 44.51 2.80 -0.14 | 44.87 2.78 0.00 | 41.93 3.14 0.00 | 43.14 3.70 0.00 | 47.91 4.34 0.00 | 63.54 5.91 0.00 | 72.32 6.57 0.00 | 77.58 6.71 0.00 | 51.38 4.18 0.00 | 49.10 3.69 -0.01 | 43.56 2.69 -0.01 | 32.36 2.09 -0.01 | 39.87 2.75 0.00 |
| N.TROY___115KV_TB1 355778 | 26.61 0.93 0.00 | 25.89 0.90 0.00 | 28.23 0.95 0.00 | 25.72 0.86 0.00 | 24.91 0.86 0.00 | 27.11 1.06 0.00 | 29.39 0.98 0.00 | 29.66 0.85 0.00 | 30.55 0.83 0.00 | 29.10 0.75 0.00 | 31.33 0.72 3.79 | 42.35 0.97 0.19 | 42.95 0.85 0.00 | 39.91 1.12 0.00 | 40.89 1.44 0.00 | 45.16 1.59 0.00 | 59.53 1.90 0.00 | 68.15 2.40 0.00 | 73.73 2.87 0.00 | 49.19 1.99 0.00 | 47.35 1.94 0.00 | 42.09 1.22 0.00 | 31.18 0.91 0.00 | 38.30 1.18 0.00 |
| NARROWS_GT1_1 24228 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| NARROWS_GT1_2 24229 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| NARROWS_GT1_3 24230 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| NARROWS_GT1_4 24231 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |

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|---|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|
| NARROWS_GT1_5 24232 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| NARROWS_GT1_6 24233 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| NARROWS_GT1_7 24234 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| NARROWS_GT1_8 24235 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 79.03 2.72 -39.19 |
| NARROWS_GT2_1 24236 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| NARROWS_GT2_2 24237 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| NARROWS_GT2_3 24238 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| NARROWS_GT2_4 24239 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| NARROWS_GT2_5 24240 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| NARROWS_GT2_6 24241 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| NARROWS_GT2_7 24242 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| NARROWS_GT2_8 24243 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.71 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.56 0.00 | 47.67 4.10 0.00 | 63.34 5.70 0.00 | 71.89 6.14 0.00 | 77.09 6.22 0.00 | 51.09 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.56 0.00 | 35.26 1.92 -3.07 | 49.26 2.72 -9.42 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 26.55 0.87 0.00 | 25.84 0.85 0.00 | 28.23 0.96 0.00 | 25.75 0.89 0.00 | 24.93 0.87 0.00 | 27.14 1.09 0.00 | 29.49 1.09 0.00 | 29.79 0.99 0.00 | 30.72 0.99 0.00 | 29.32 0.97 0.00 | 34.41 0.98 0.97 | 42.57 1.05 0.05 | 43.11 1.02 0.00 | 39.84 1.05 0.00 | 40.93 1.48 0.00 | 45.22 1.66 0.00 | 59.70 2.07 0.00 | 68.75 3.00 0.00 | 74.75 3.89 0.00 | 49.93 2.73 0.00 | 48.03 2.63 0.00 | 42.69 1.82 0.00 | 31.57 1.31 0.00 | 38.60 1.48 0.00 |
| NCHELSEA_115KV_TR2 355582 | 27.15 1.48 0.00 | 26.29 1.31 0.00 | 28.48 1.20 0.00 | 25.88 1.03 0.00 | 25.05 1.00 0.00 | 27.31 1.26 0.00 | 29.81 1.41 0.00 | 30.24 1.44 0.00 | 31.22 1.50 0.00 | 30.01 1.65 0.00 | 39.08 2.05 -2.63 | 44.20 2.49 -0.13 | 44.63 2.54 0.00 | 41.71 2.91 0.00 | 42.89 3.44 0.00 | 47.67 4.10 0.00 | 63.22 5.59 0.00 | 72.02 6.28 0.00 | 77.36 6.50 0.00 | 51.28 4.08 0.00 | 49.07 3.66 0.00 | 43.45 2.58 0.00 | 32.14 1.87 0.00 | 39.46 2.34 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 27.25 1.58 0.00 | 26.47 1.48 0.00 | 28.83 1.55 0.00 | 26.26 1.40 0.00 | 25.45 1.40 0.00 | 27.75 1.70 0.00 | 30.18 1.78 0.00 | 30.47 1.67 0.00 | 31.42 1.70 0.00 | 29.87 1.52 0.00 | 32.65 1.68 3.43 | 43.61 2.21 0.17 | 44.23 2.13 0.00 | 41.05 2.26 0.00 | 42.02 2.57 0.00 | 46.52 2.95 0.00 | 61.35 3.72 0.00 | 70.29 4.55 0.00 | 76.11 5.24 0.00 | 50.73 3.54 0.00 | 48.79 3.38 0.00 | 43.33 2.46 0.00 | 32.04 1.77 0.00 | 39.31 2.20 0.00 |

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|-------------------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|-------------------------|----------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 25.61 -0.06 0.00 | 24.59 -0.40 0.00 | 26.62 -0.66 0.00 | 24.13 -0.73 0.00 | 23.43 -0.62 0.00 | 25.54 -0.51 0.00 | 28.26 -0.14 0.00 | 28.82 0.01 0.00 | 29.70 -0.02 0.00 | 28.15 -0.20 0.00 | 34.52 0.11 0.00 | 41.35 -0.21 0.00 | 42.14 0.05 0.00 | 38.55 -0.25 0.00 | 39.19 -0.20 0.06 | 38.97 -0.26 4.33 | 53.08 -0.49 4.06 | 64.49 -1.06 0.20 | 68.80 -1.60 0.46 | 46.28 -0.91 0.00 | 44.69 -0.71 0.00 | 40.05 -0.82 0.00 | 29.62 -0.65 0.00 | 36.15 -0.97 0.00 |
| NEG CENTRAL___DRP 24199 | 26.09 0.41 0.00 | 25.15 0.16 0.00 | 27.22 -0.05 0.00 | 24.74 -0.12 0.00 | 24.00 -0.05 0.00 | 26.17 0.12 0.00 | 28.86 0.45 0.00 | 29.39 0.59 0.00 | 30.34 0.62 0.00 | 28.91 0.56 0.00 | 35.13 0.73 0.00 | 42.27 0.70 0.00 | 42.96 0.87 0.00 | 39.54 0.74 0.00 | 40.29 0.84 0.00 | 44.54 0.98 0.00 | 59.11 1.48 0.01 | 67.10 1.54 0.18 | 71.38 1.29 0.78 | 48.16 0.96 0.00 | 46.40 0.99 0.00 | 41.41 0.54 0.00 | 30.65 0.38 0.00 | 37.38 0.26 0.00 |
| NEG CENTRAL___INDECK 23768 | 26.80 1.13 0.00 | 25.64 0.65 0.00 | 27.68 0.41 0.00 | 25.01 0.15 0.00 | 24.33 0.27 0.00 | 26.61 0.56 0.00 | 29.67 1.26 0.00 | 30.32 1.51 0.00 | 31.08 1.35 0.00 | 28.69 0.34 0.00 | 35.30 0.90 0.00 | 42.12 0.55 0.00 | 42.78 0.69 0.00 | 39.23 0.43 0.00 | 40.20 0.58 -0.16 | 55.93 0.35 -12.01 | 68.22 0.42 -10.16 | 66.55 0.31 -0.49 | 72.20 0.20 -1.14 | 47.80 0.60 0.00 | 46.29 0.88 0.00 | 41.37 0.50 0.00 | 31.19 0.93 0.00 | 38.23 1.11 0.00 |
| NEG CENTRAL___SENECA 23627 | 26.28 0.60 0.00 | 25.25 0.26 0.00 | 27.31 0.04 0.00 | 24.76 -0.10 0.00 | 24.04 -0.01 0.00 | 26.25 0.20 0.00 | 29.05 0.64 0.00 | 29.65 0.85 0.00 | 30.63 0.91 0.00 | 29.14 0.79 0.00 | 35.46 1.06 0.00 | 42.60 1.03 0.00 | 43.40 1.31 0.00 | 39.93 1.13 0.00 | 40.67 1.22 0.00 | 45.01 1.45 0.00 | 59.69 2.06 0.00 | 67.73 1.98 0.00 | 72.62 1.75 0.00 | 48.46 1.26 0.00 | 46.70 1.29 0.00 | 41.66 0.79 0.00 | 30.85 0.58 0.00 | 37.53 0.42 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 26.05 0.37 0.00 | 25.23 0.25 0.00 | 27.32 0.05 0.00 | 24.94 0.08 0.00 | 24.18 0.13 0.00 | 26.32 0.27 0.00 | 28.87 0.46 0.00 | 29.27 0.46 0.00 | 30.11 0.39 0.00 | 28.85 0.49 0.00 | 34.89 0.49 0.00 | 42.19 0.62 0.00 | 42.87 0.77 0.00 | 39.40 0.61 0.00 | 40.14 0.69 0.00 | 44.27 0.70 0.00 | 58.77 1.15 0.01 | 67.29 1.75 0.21 | 71.30 1.33 0.89 | 48.31 1.11 0.00 | 46.56 1.15 0.00 | 41.53 0.66 0.00 | 30.71 0.44 0.00 | 37.58 0.47 0.00 |
| NEG MILLWOOD___DRP 24198 | 27.23 1.56 0.00 | 26.37 1.39 0.00 | 28.54 1.27 0.00 | 25.94 1.08 0.00 | 25.10 1.05 0.00 | 27.38 1.33 0.00 | 29.90 1.49 0.00 | 30.34 1.54 0.00 | 31.35 1.62 0.00 | 30.13 1.78 0.00 | 39.41 2.23 -2.78 | 44.42 2.71 -0.14 | 44.84 2.75 0.00 | 41.94 3.15 0.00 | 43.17 3.72 0.00 | 47.98 4.41 0.00 | 63.63 5.99 0.00 | 72.46 6.71 0.00 | 77.82 6.95 0.00 | 51.55 4.35 0.00 | 49.30 3.89 0.00 | 43.64 2.77 0.00 | 32.28 2.02 0.00 | 39.62 2.50 0.00 |
| NEG NORTH_FLCN_SEA 23793 | -13.28 -0.69 38.27 | -13.99 -0.65 38.32 | -5.13 -0.55 31.85 | -17.39 -0.45 41.80 | -17.49 -0.52 41.03 | -13.46 -0.51 39.00 | 15.75 -0.52 12.14 | 28.65 -0.15 0.00 | 30.36 0.64 0.00 | 29.09 0.74 0.00 | 35.28 0.88 0.00 | 42.83 1.26 0.00 | 42.27 0.17 0.00 | 38.02 -0.78 0.00 | 37.47 -1.98 0.00 | 28.27 -2.48 12.82 | 54.28 -3.31 0.04 | 61.72 -3.21 0.81 | 64.60 -2.76 3.50 | 45.64 -1.56 0.00 | 44.62 -0.79 0.00 | 41.95 1.08 0.00 | 31.49 1.23 0.00 | 38.25 1.13 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | -15.94 -1.32 40.29 | -16.56 -1.20 40.35 | -7.40 -1.13 33.54 | -20.16 -1.01 44.01 | -20.17 -1.02 43.20 | -16.24 -1.23 41.07 | 14.44 -1.18 12.78 | 28.05 -0.76 0.00 | 29.63 -0.09 0.00 | 28.34 -0.02 0.00 | 34.39 -0.01 0.00 | 41.90 0.33 0.00 | 42.07 -0.02 0.00 | 38.13 -0.66 0.00 | 37.95 -1.50 0.00 | 29.06 -1.87 12.63 | 55.20 -2.36 0.08 | 62.00 -2.25 1.49 | 62.51 -1.94 6.41 | 46.07 -1.13 0.00 | 44.57 -0.84 0.00 | 41.17 0.30 0.00 | 30.59 0.33 0.00 | 37.35 0.23 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | -13.65 -0.73 38.59 | -14.35 -0.70 38.65 | -5.46 -0.61 32.12 | -17.80 -0.51 42.15 | -17.89 -0.57 41.38 | -13.87 -0.59 39.33 | 15.60 -0.56 12.24 | 28.63 -0.18 0.00 | 30.31 0.59 0.00 | 29.03 0.68 0.00 | 35.23 0.83 0.00 | 42.80 1.23 0.00 | 42.47 0.38 0.00 | 38.30 -0.49 0.00 | 37.91 -1.54 0.00 | 28.75 -2.03 12.79 | 55.00 -2.58 0.05 | 62.42 -2.41 0.92 | 64.97 -1.93 3.96 | 46.16 -1.04 0.00 | 44.96 -0.45 0.00 | 41.97 1.11 0.00 | 31.36 1.10 0.00 | 38.13 1.01 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | -13.65 -0.73 38.59 | -14.35 -0.70 38.65 | -5.46 -0.61 32.12 | -17.80 -0.51 42.15 | -17.89 -0.57 41.38 | -13.87 -0.59 39.33 | 15.60 -0.56 12.24 | 28.63 -0.18 0.00 | 30.31 0.59 0.00 | 29.03 0.68 0.00 | 35.23 0.83 0.00 | 42.80 1.23 0.00 | 42.47 0.38 0.00 | 38.30 -0.49 0.00 | 37.91 -1.54 0.00 | 28.75 -2.03 12.79 | 55.00 -2.58 0.05 | 62.42 -2.41 0.92 | 64.97 -1.93 3.96 | 46.16 -1.04 0.00 | 44.96 -0.45 0.00 | 41.97 1.11 0.00 | 31.36 1.10 0.00 | 38.13 1.01 0.00 |
| NEG NORTH___PLATTSBURG 23628 | -13.65 -0.73 38.59 | -14.36 -0.70 38.65 | -5.46 -0.62 32.12 | -17.80 -0.51 42.15 | -17.89 -0.57 41.38 | -13.87 -0.59 39.33 | 15.60 -0.56 12.24 | 28.63 -0.18 0.00 | 30.31 0.59 0.00 | 29.03 0.68 0.00 | 35.23 0.83 0.00 | 42.80 1.23 0.00 | 42.47 0.38 0.00 | 38.30 -0.49 0.00 | 37.90 -1.55 0.00 | 28.73 -2.04 12.79 | 55.00 -2.58 0.05 | 62.41 -2.41 0.92 | 64.97 -1.93 3.96 | 46.16 -1.04 0.00 | 44.96 -0.45 0.00 | 41.97 1.11 0.00 | 31.36 1.10 0.00 | 38.13 1.01 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 25.53 -0.14 0.00 | 24.26 -0.73 0.00 | 26.19 -1.08 0.00 | 23.61 -1.25 0.00 | 22.99 -1.06 0.00 | 25.13 -0.92 0.00 | 28.06 -0.34 0.00 | 28.65 -0.15 0.00 | 29.57 -0.15 0.00 | 27.73 -0.62 0.00 | 34.28 -0.12 0.00 | 40.73 -0.84 0.00 | 41.92 -0.17 0.00 | 38.06 -0.74 0.00 | 38.76 -0.98 -0.29 | 59.19 -1.51 -17.14 | 62.25 -2.06 -6.67 | -111.10 -3.32 173.53 | 33.92 -4.24 32.71 | 44.92 -2.28 0.00 | 43.73 -1.68 0.00 | 39.38 -1.49 0.00 | 29.26 -1.00 0.00 | 35.87 -1.25 0.00 |
| NEG WEST___LANCASTR 23811 | 26.10 0.42 0.00 | 24.90 -0.09 0.00 | 26.85 -0.42 0.00 | 24.24 -0.62 0.00 | 23.59 -0.47 0.00 | 25.78 -0.27 0.00 | 28.76 0.36 0.00 | 29.41 0.61 0.00 | 30.34 0.62 0.00 | 28.61 0.26 0.00 | 35.38 0.98 0.00 | 42.24 0.67 0.00 | 43.35 1.26 0.00 | 39.53 0.73 0.00 | 40.72 0.57 -0.70 | 93.34 0.25 -49.52 | 97.59 0.22 -39.73 | 67.02 -0.67 -1.94 | 73.99 -1.34 -4.47 | 46.66 -0.54 0.00 | 45.24 -0.17 0.00 | 40.56 -0.31 0.00 | 30.09 -0.17 0.00 | 36.68 -0.44 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 26.21 0.53 0.00 | 25.30 0.31 0.00 | 27.47 0.19 0.00 | 24.94 0.08 0.00 | 24.18 0.13 0.00 | 26.34 0.28 0.00 | 28.93 0.53 0.00 | 29.45 0.64 0.00 | 30.36 0.64 0.00 | 28.96 0.61 0.00 | 35.37 0.97 0.00 | 42.65 1.08 0.00 | 43.33 1.24 0.00 | 40.06 1.26 0.00 | 41.10 1.57 -0.08 | 51.61 1.81 -6.23 | 65.24 2.33 -5.28 | 68.23 2.23 -0.25 | 73.51 2.06 -0.59 | 48.53 1.33 0.00 | 46.72 1.31 0.00 | 41.64 0.77 0.00 | 30.80 0.54 0.00 | 37.64 0.52 0.00 |
| NEG___GEN_MONROE 24207 | 26.31 0.63 0.00 | 25.15 0.16 0.00 | 27.18 -0.09 0.00 | 24.59 -0.26 0.00 | 23.90 -0.16 0.00 | 26.08 0.03 0.00 | 28.95 0.55 0.00 | 29.55 0.74 0.00 | 30.48 0.76 0.00 | 28.78 0.43 0.00 | 35.39 0.99 0.00 | 42.32 0.75 0.00 | 43.20 1.10 0.00 | 39.45 0.65 0.00 | 40.08 0.63 0.00 | 43.02 0.56 1.11 | 55.06 0.69 3.27 | 71.83 0.20 -5.88 | 71.35 -0.31 -0.79 | 47.26 0.06 0.00 | 45.72 0.31 0.00 | 41.01 0.14 0.00 | 30.34 0.07 0.00 | 37.01 -0.11 0.00 |

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| NEPA___ENERGY 23901 | 25.88 0.20 0.00 | 24.69 -0.30 0.00 | 26.59 -0.68 0.00 | 24.02 -0.84 0.00 | 23.40 -0.65 0.00 | 25.54 -0.52 0.00 | 28.51 0.11 0.00 | 29.21 0.41 0.00 | 30.11 0.39 0.00 | 28.50 0.14 0.00 | 35.22 0.82 0.00 | 42.40 0.83 0.00 | 43.46 1.36 0.00 | 39.76 0.96 0.00 | 41.35 1.17 -0.73 | 98.49 1.19 -53.73 | 106.08 1.68 -46.76 | 68.86 0.83 -2.28 | 76.14 0.01 -5.26 | 47.21 0.01 0.00 | 45.72 0.31 0.00 | 40.74 -0.13 0.00 | 30.18 -0.08 0.00 | 36.77 -0.34 0.00 |
| NEVERSink___HYD 23608 | 26.14 0.46 0.00 | 25.31 0.32 0.00 | 27.41 0.14 0.00 | 24.91 0.05 0.00 | 24.11 0.05 0.00 | 26.26 0.21 0.00 | 28.67 0.26 0.00 | 29.10 0.30 0.00 | 30.01 0.29 0.00 | 28.84 0.49 0.00 | 36.85 0.65 -1.81 | 42.52 0.86 -0.09 | 42.95 0.85 0.00 | 40.11 1.31 0.00 | 41.15 1.70 0.00 | 45.87 2.30 0.00 | 60.91 3.28 0.00 | 69.51 3.76 0.00 | 74.71 3.85 0.00 | 49.61 2.42 0.00 | 47.47 2.06 0.00 | 42.06 1.19 0.00 | 31.05 0.78 0.00 | 38.07 0.95 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 26.00 0.33 0.00 | 25.32 0.33 0.00 | 27.61 0.33 0.00 | 25.16 0.30 0.00 | 24.36 0.30 0.00 | 26.49 0.44 0.00 | 28.75 0.34 0.00 | 29.05 0.24 0.00 | 29.98 0.25 0.00 | 28.63 0.28 0.00 | 32.08 0.25 2.57 | 41.78 0.34 0.13 | 42.38 0.29 0.00 | 39.41 0.62 0.00 | 40.39 0.93 0.00 | 44.61 1.04 0.00 | 58.86 1.23 0.00 | 67.27 1.52 0.00 | 72.58 1.71 0.00 | 48.32 1.13 0.00 | 46.46 1.05 0.00 | 41.33 0.46 0.00 | 30.60 0.34 0.00 | 37.55 0.44 0.00 |
| NEWTON___FALLS_HYD 23847 | 28.30 -1.04 -3.66 | 27.74 -0.91 -3.67 | 29.56 -0.77 -3.05 | 28.39 -0.46 -4.00 | 27.72 -0.26 -3.93 | 29.56 -0.22 -3.74 | 29.38 -0.18 -1.16 | 28.73 -0.07 0.00 | 29.65 -0.07 0.00 | 28.20 -0.15 0.00 | 34.13 -0.28 0.00 | 41.12 -0.45 0.00 | 41.33 -0.77 0.00 | 37.75 -1.05 0.00 | 37.59 -1.86 0.00 | 34.70 -2.05 6.82 | 54.78 -2.50 0.36 | 56.58 -2.53 6.63 | 39.99 -2.34 28.54 | 45.87 -1.33 0.00 | 44.72 -0.69 0.00 | 40.82 -0.05 0.00 | 30.19 -0.07 0.00 | 36.93 -0.19 0.00 |
| NGRID_A1_DSASP 323792 | 25.06 -0.62 0.00 | 23.82 -1.17 0.00 | 25.75 -1.53 0.00 | 23.22 -1.63 0.00 | 22.60 -1.45 0.00 | 24.69 -1.36 0.00 | 27.60 -0.81 0.00 | 28.20 -0.60 0.00 | 29.09 -0.63 0.00 | 27.30 -1.05 0.00 | 33.78 -0.62 0.00 | 40.10 -1.47 0.00 | 41.29 -0.80 0.00 | 37.43 -1.36 0.00 | 38.49 -1.59 -0.62 | 70.79 -2.07 -29.29 | 45.73 -3.00 8.91 | 60.93 -4.38 0.44 | 64.43 -5.43 1.00 | 44.17 -3.02 0.00 | 43.00 -2.41 0.00 | 38.82 -2.06 0.00 | 28.81 -1.46 0.00 | 35.22 -1.90 0.00 |
| NGRID_A2_DSASP 323793 | 25.06 -0.62 0.00 | 23.82 -1.17 0.00 | 25.75 -1.53 0.00 | 23.22 -1.63 0.00 | 22.60 -1.45 0.00 | 24.69 -1.36 0.00 | 27.60 -0.81 0.00 | 28.20 -0.60 0.00 | 29.09 -0.63 0.00 | 27.30 -1.05 0.00 | 33.78 -0.62 0.00 | 40.10 -1.47 0.00 | 41.29 -0.80 0.00 | 37.43 -1.36 0.00 | 38.49 -1.59 -0.62 | 70.79 -2.07 -29.29 | 45.73 -3.00 8.91 | 60.93 -4.38 0.44 | 64.43 -5.43 1.00 | 44.17 -3.02 0.00 | 43.00 -2.41 0.00 | 38.82 -2.06 0.00 | 28.81 -1.46 0.00 | 35.22 -1.90 0.00 |
| NGRID_A4_DSASP 323807 | 25.06 -0.62 0.00 | 23.82 -1.17 0.00 | 25.75 -1.53 0.00 | 23.22 -1.63 0.00 | 22.60 -1.45 0.00 | 24.69 -1.36 0.00 | 27.60 -0.81 0.00 | 28.20 -0.60 0.00 | 29.09 -0.63 0.00 | 27.30 -1.05 0.00 | 33.78 -0.62 0.00 | 40.10 -1.47 0.00 | 41.29 -0.80 0.00 | 37.43 -1.36 0.00 | 38.49 -1.59 -0.62 | 70.79 -2.07 -29.29 | 45.73 -3.00 8.91 | 60.93 -4.38 0.44 | 64.43 -5.43 1.00 | 44.17 -3.02 0.00 | 43.00 -2.41 0.00 | 38.82 -2.06 0.00 | 28.81 -1.46 0.00 | 35.22 -1.90 0.00 |
| NIAGARA_115E_LBMP 323715 | 25.16 -0.51 0.00 | 23.91 -1.08 0.00 | 25.84 -1.44 0.00 | 23.29 -1.57 0.00 | 22.67 -1.38 0.00 | 24.79 -1.26 0.00 | 27.72 -0.68 0.00 | 28.32 -0.49 0.00 | 29.21 -0.52 0.00 | 27.39 -0.97 0.00 | 33.87 -0.53 0.00 | 40.23 -1.35 0.00 | 41.45 -0.64 0.00 | 37.60 -1.20 0.00 | 38.52 -1.40 -0.47 | 69.00 -1.88 -27.31 | 64.12 -2.73 -9.21 | 75.96 -4.08 -14.29 | 69.46 -5.11 -3.70 | 44.40 -2.80 0.00 | 43.21 -2.20 0.00 | 38.98 -1.89 0.00 | 28.91 -1.36 0.00 | 35.38 -1.74 0.00 |
| NIAGARA_115W_LBMP 323714 | 25.00 -0.67 0.00 | 23.77 -1.22 0.00 | 25.70 -1.58 0.00 | 23.17 -1.68 0.00 | 22.55 -1.50 0.00 | 24.64 -1.41 0.00 | 27.54 -0.86 0.00 | 28.14 -0.67 0.00 | 29.03 -0.69 0.00 | 27.24 -1.11 0.00 | 33.70 -0.70 0.00 | 40.01 -1.56 0.00 | 41.20 -0.90 0.00 | 37.35 -1.45 0.00 | 38.29 -1.68 -0.52 | 64.81 -2.17 -23.41 | 44.61 -3.11 9.92 | 60.75 -4.51 0.49 | 64.17 -5.57 1.12 | 44.08 -3.11 0.00 | 42.91 -2.50 0.00 | 38.74 -2.13 0.00 | 28.75 -1.51 0.00 | 35.14 -1.97 0.00 |
| NIAGARA_230_LBMP 323716 | 25.20 -0.48 0.00 | 23.99 -1.00 0.00 | 25.91 -1.36 0.00 | 23.38 -1.48 0.00 | 22.76 -1.30 0.00 | 24.85 -1.19 0.00 | 27.76 -0.65 0.00 | 28.35 -0.46 0.00 | 29.23 -0.49 0.00 | 27.46 -0.89 0.00 | 33.97 -0.43 0.00 | 40.38 -1.19 0.00 | 41.55 -0.54 0.00 | 37.69 -1.11 0.00 | 37.81 -1.24 0.39 | 15.31 -1.65 26.61 | 36.71 -2.41 18.52 | 50.58 -3.68 11.48 | 62.05 -4.69 4.12 | 44.61 -2.59 0.00 | 43.36 -2.05 0.00 | 39.09 -1.78 0.00 | 29.02 -1.25 0.00 | 35.46 -1.66 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 25.00 -0.67 0.00 | 23.77 -1.22 0.00 | 25.70 -1.58 0.00 | 23.17 -1.68 0.00 | 22.55 -1.50 0.00 | 24.64 -1.41 0.00 | 27.54 -0.86 0.00 | 28.14 -0.67 0.00 | 29.03 -0.69 0.00 | 27.24 -1.11 0.00 | 33.71 -0.69 0.00 | 40.01 -1.56 0.00 | 41.19 -0.91 0.00 | 37.35 -1.45 0.00 | 38.19 -1.78 -0.52 | 64.60 -2.38 -23.41 | 44.54 -3.18 9.92 | 60.72 -4.54 0.49 | 64.15 -5.59 1.12 | 44.07 -3.13 0.00 | 42.91 -2.50 0.00 | 38.74 -2.13 0.00 | 28.75 -1.52 0.00 | 35.14 -1.98 0.00 |
| NIAGARA___ 23760 | 25.20 -0.48 0.00 | 23.99 -1.00 0.00 | 25.91 -1.36 0.00 | 23.38 -1.48 0.00 | 22.76 -1.30 0.00 | 24.85 -1.19 0.00 | 27.76 -0.65 0.00 | 28.35 -0.46 0.00 | 29.23 -0.49 0.00 | 27.46 -0.89 0.00 | 33.97 -0.43 0.00 | 40.38 -1.19 0.00 | 41.55 -0.54 0.00 | 37.69 -1.11 0.00 | 38.23 -1.24 -0.03 | 39.99 -1.65 1.93 | 44.83 -2.41 10.40 | 57.82 -3.68 4.25 | 64.16 -4.69 2.02 | 44.61 -2.59 0.00 | 43.36 -2.05 0.00 | 39.09 -1.78 0.00 | 29.02 -1.25 0.00 | 35.46 -1.66 0.00 |
| NINE_MILE_1 23575 | 25.11 -0.56 0.00 | 24.38 -0.61 0.00 | 26.49 -0.78 0.00 | 24.15 -0.71 0.00 | 23.42 -0.63 0.00 | 25.40 -0.65 0.00 | 27.77 -0.63 0.00 | 28.18 -0.62 0.00 | 29.07 -0.65 0.00 | 27.72 -0.63 0.00 | 33.67 -0.72 0.00 | 40.60 -0.97 0.00 | 41.15 -0.94 0.00 | 37.95 -0.84 0.00 | 38.67 -0.78 0.00 | 42.70 -0.87 0.00 | 56.44 -1.20 0.00 | 64.32 -1.42 0.00 | 69.22 -1.65 0.00 | 46.14 -1.06 0.00 | 44.44 -0.97 0.00 | 39.84 -1.03 0.00 | 29.50 -0.76 0.00 | 36.14 -0.98 0.00 |
| NINE_MILE_2 23744 | 25.11 -0.56 0.00 | 24.38 -0.61 0.00 | 26.49 -0.78 0.00 | 24.15 -0.71 0.00 | 23.42 -0.63 0.00 | 25.40 -0.65 0.00 | 27.78 -0.63 0.00 | 28.18 -0.62 0.00 | 29.07 -0.65 0.00 | 27.72 -0.63 0.00 | 33.67 -0.72 0.00 | 40.60 -0.97 0.00 | 41.15 -0.94 0.00 | 37.96 -0.84 0.00 | 38.67 -0.78 0.00 | 42.70 -0.87 0.00 | 56.44 -1.20 0.00 | 64.32 -1.42 0.00 | 69.22 -1.65 0.00 | 46.14 -1.06 0.00 | 44.44 -0.97 0.00 | 39.84 -1.03 0.00 | 29.50 -0.76 0.00 | 36.14 -0.98 0.00 |
| NM_CAPITAL___DRP 24208 | 26.04 0.36 0.00 | 25.35 0.37 0.00 | 27.66 0.38 0.00 | 25.20 0.34 0.00 | 24.39 0.34 0.00 | 26.53 0.48 0.00 | 28.78 0.37 0.00 | 29.06 0.25 0.00 | 29.98 0.26 0.00 | 28.63 0.27 0.00 | 31.90 0.23 2.73 | 41.76 0.34 0.14 | 42.36 0.26 0.00 | 39.40 0.60 0.00 | 40.38 0.93 0.00 | 44.59 1.02 0.00 | 58.81 1.17 0.00 | 67.22 1.48 0.00 | 72.55 1.69 0.00 | 48.33 1.14 0.00 | 46.48 1.07 0.00 | 41.35 0.48 0.00 | 30.63 0.37 0.00 | 37.61 0.50 0.00 |

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| NM_CENTRAL___DRP 24181 | 25.77 0.10 0.00 | 24.95 -0.04 0.00 | 27.10 -0.17 0.00 | 24.67 -0.19 0.00 | 23.93 -0.12 0.00 | 26.00 -0.05 0.00 | 28.51 0.10 0.00 | 28.96 0.15 0.00 | 29.89 0.17 0.00 | 28.49 0.14 0.00 | 34.63 0.23 0.00 | 41.72 0.14 0.00 | 42.32 0.22 0.00 | 39.04 0.24 0.00 | 39.83 0.38 0.00 | 44.00 0.43 0.00 | 58.11 0.49 0.02 | 65.83 0.36 0.28 | 69.86 0.20 1.20 | 47.34 0.14 0.00 | 45.58 0.17 0.00 | 40.76 -0.11 0.00 | 30.17 -0.09 0.00 | 36.95 -0.16 0.00 |
| NM_FRONTIER___DRP 24179 | 25.00 -0.67 0.00 | 23.77 -1.22 0.00 | 25.70 -1.58 0.00 | 23.17 -1.68 0.00 | 22.55 -1.50 0.00 | 24.64 -1.41 0.00 | 27.54 -0.86 0.00 | 28.14 -0.67 0.00 | 29.03 -0.69 0.00 | 27.24 -1.11 0.00 | 33.71 -0.69 0.00 | 40.01 -1.56 0.00 | 41.19 -0.91 0.00 | 37.35 -1.45 0.00 | 38.19 -1.78 -0.52 | 64.60 -2.38 -23.41 | 44.54 -3.18 9.92 | 60.72 -4.54 0.49 | 64.15 -5.59 1.12 | 44.07 -3.13 0.00 | 42.91 -2.50 0.00 | 38.74 -2.13 0.00 | 28.75 -1.52 0.00 | 35.14 -1.98 0.00 |
| NM_ST_REGIS___HYD 24053 | 33.80 -1.10 -9.22 | 33.30 -0.92 -9.23 | 34.20 -0.75 -7.67 | 34.31 -0.61 -10.07 | 33.34 -0.59 -9.88 | 34.70 -0.75 -9.40 | 30.59 -0.74 -2.92 | 28.29 -0.52 0.00 | 29.37 -0.35 0.00 | 27.86 -0.49 0.00 | 33.76 -0.64 0.00 | 40.98 -0.59 0.00 | 41.32 -0.77 0.00 | 37.52 -1.27 0.00 | 37.09 -2.37 0.00 | 30.17 -2.76 10.64 | 53.83 -3.35 0.45 | 53.67 -3.58 8.50 | 30.84 -3.45 36.56 | 45.08 -2.12 0.00 | 43.60 -1.81 0.00 | 40.59 -0.28 0.00 | 30.06 -0.21 0.00 | 36.76 -0.36 0.00 |
| NORTHPORT___1 23551 | 27.17 1.50 0.00 | 26.47 1.48 0.00 | 28.42 1.15 0.00 | 25.88 1.02 0.00 | 25.03 0.97 0.00 | 27.35 1.30 0.00 | 29.86 1.45 0.00 | 30.32 1.51 0.00 | 31.16 1.44 0.00 | 29.90 1.55 0.00 | 39.14 1.90 -2.84 | 43.56 1.84 -0.14 | 44.06 1.96 0.00 | 58.76 2.78 -17.18 | 65.97 3.44 -23.08 | 244.42 3.99 -196.86 | 308.59 5.33 -245.63 | 215.46 5.80 -143.92 | 122.66 6.05 -45.75 | 266.69 4.02 -215.46 | 114.16 3.46 -65.29 | 72.25 2.22 -29.17 | 34.09 1.56 -2.27 | 96.52 2.28 -57.12 |
| NORTHPORT___2 23552 | 27.17 1.50 0.00 | 26.47 1.48 0.00 | 28.42 1.15 0.00 | 25.88 1.02 0.00 | 25.03 0.97 0.00 | 27.35 1.30 0.00 | 29.86 1.45 0.00 | 30.32 1.51 0.00 | 31.16 1.44 0.00 | 29.90 1.55 0.00 | 39.14 1.90 -2.84 | 43.56 1.84 -0.14 | 44.06 1.96 0.00 | 58.76 2.78 -17.18 | 65.97 3.44 -23.08 | 244.42 3.99 -196.86 | 308.59 5.33 -245.63 | 215.46 5.80 -143.92 | 122.66 6.05 -45.75 | 266.69 4.02 -215.46 | 114.16 3.46 -65.29 | 72.25 2.22 -29.17 | 34.09 1.56 -2.27 | 96.52 2.28 -57.12 |
| NORTHPORT___3 23553 | 27.25 1.58 0.00 | 26.51 1.53 0.00 | 28.51 1.24 0.00 | 25.93 1.08 0.00 | 25.09 1.03 0.00 | 27.41 1.36 0.00 | 29.95 1.54 0.00 | 30.36 1.55 0.00 | 31.24 1.52 0.00 | 29.96 1.61 0.00 | 39.14 1.89 -2.84 | 43.51 1.80 -0.14 | 44.03 1.94 0.01 | 59.28 2.74 -17.75 | 65.86 3.33 -23.08 | 244.36 3.93 -196.86 | 308.60 5.34 -245.62 | 215.63 5.91 -143.97 | 123.32 6.03 -46.42 | 266.61 3.94 -215.46 | 114.04 3.34 -65.29 | 72.21 2.17 -29.17 | 34.13 1.60 -2.27 | 96.54 2.31 -57.12 |
| NORTHPORT___4 23650 | 27.25 1.58 0.00 | 26.51 1.53 0.00 | 28.51 1.24 0.00 | 25.93 1.08 0.00 | 25.09 1.03 0.00 | 27.41 1.36 0.00 | 29.95 1.54 0.00 | 30.36 1.55 0.00 | 31.24 1.52 0.00 | 29.96 1.61 0.00 | 39.14 1.89 -2.84 | 43.51 1.80 -0.14 | 44.03 1.94 0.01 | 59.28 2.74 -17.75 | 65.86 3.33 -23.08 | 244.36 3.93 -196.86 | 308.60 5.34 -245.62 | 215.63 5.91 -143.97 | 123.32 6.03 -46.42 | 266.61 3.94 -215.46 | 114.04 3.34 -65.29 | 72.21 2.17 -29.17 | 34.13 1.60 -2.27 | 96.54 2.31 -57.12 |
| NORTHPORT___IC 23718 | 27.17 1.50 0.00 | 26.47 1.48 0.00 | 28.42 1.15 0.00 | 25.88 1.02 0.00 | 25.03 0.97 0.00 | 27.35 1.30 0.00 | 29.86 1.45 0.00 | 30.32 1.51 0.00 | 31.17 1.45 0.00 | 29.90 1.55 0.00 | 39.13 1.89 -2.84 | 43.56 1.85 -0.14 | 44.06 1.96 0.00 | 58.76 2.78 -17.18 | 65.98 3.45 -23.08 | 244.44 4.01 -196.86 | 308.60 5.34 -245.63 | 215.47 5.81 -143.91 | 122.66 6.05 -45.75 | 266.68 4.02 -215.46 | 114.16 3.46 -65.29 | 72.25 2.22 -29.17 | 34.09 1.56 -2.27 | 96.52 2.28 -57.12 |
| NORTH___COUNTRY_ESR 323785 | -16.06 -1.39 40.34 | -16.67 -1.26 40.40 | -7.51 -1.20 33.58 | -20.27 -1.07 44.06 | -20.26 -1.07 43.25 | -16.35 -1.29 41.11 | 14.36 -1.25 12.79 | 27.96 -0.85 0.00 | 29.54 -0.18 0.00 | 28.28 -0.07 0.00 | 34.34 -0.06 0.00 | 41.83 0.25 0.00 | 42.02 -0.08 0.00 | 38.09 -0.70 0.00 | 37.92 -1.54 0.00 | 29.04 -1.91 12.63 | 55.19 -2.36 0.08 | 61.88 -2.36 1.51 | 62.33 -2.06 6.48 | 45.95 -1.25 0.00 | 44.46 -0.95 0.00 | 41.07 0.20 0.00 | 30.49 0.23 0.00 | 37.24 0.12 0.00 |
| NPX_GEN_1385_PROXY 323591 | 26.80 1.13 0.00 | 26.46 1.47 0.00 | 28.23 0.96 0.00 | 25.79 1.01 0.08 | 25.02 0.97 0.00 | 27.33 1.28 0.00 | 29.65 1.25 0.00 | 30.31 1.51 0.00 | 31.09 1.37 0.00 | 29.63 1.28 0.00 | 39.08 1.83 -2.84 | 43.20 1.80 0.17 | 43.87 1.77 0.00 | 58.69 2.72 -17.18 | 66.33 3.79 -23.08 | 244.84 4.41 -196.86 | 308.56 5.30 -245.63 | 213.80 4.14 -143.92 | 118.54 4.13 -43.55 | 265.81 3.15 -215.46 | 105.30 2.87 -57.02 | 71.88 1.85 -29.17 | 33.70 1.16 -2.27 | 96.26 2.02 -57.12 |
| NPX_GEN_CSC 323557 | 27.10 1.43 0.00 | 26.28 1.29 0.00 | 28.18 0.90 0.00 | 25.55 0.77 0.08 | 24.77 0.72 0.00 | 27.08 1.03 0.00 | 29.59 1.19 0.00 | 30.10 1.29 0.00 | 31.04 1.32 0.00 | 29.88 1.53 0.00 | 39.03 1.78 -2.84 | 43.21 1.80 0.17 | 44.16 2.07 0.00 | 59.55 3.01 -17.75 | 66.28 3.75 -23.08 | 244.76 4.33 -196.86 | 309.26 6.00 -245.63 | 250.86 7.05 -178.06 | 180.62 7.26 -102.50 | 266.96 4.30 -215.46 | 106.31 3.89 -57.02 | 72.77 2.73 -29.17 | 34.44 1.87 -2.31 | 96.77 2.46 -57.19 |
| NSINS_S___GLNS_FALLS 23858 | 27.72 2.04 0.00 | 26.91 1.92 0.00 | 29.29 2.02 0.00 | 26.67 1.81 0.00 | 25.88 1.83 0.00 | 28.28 2.23 0.00 | 30.82 2.42 0.00 | 31.13 2.32 0.00 | 31.98 2.26 0.00 | 30.38 2.03 0.00 | 33.54 2.15 3.01 | 44.29 2.87 0.15 | 44.82 2.73 0.00 | 41.53 2.73 0.00 | 42.46 3.01 0.00 | 47.22 3.66 0.00 | 62.15 4.51 0.00 | 71.30 5.55 0.00 | 77.73 6.87 0.00 | 51.81 4.62 0.00 | 49.92 4.51 0.00 | 44.37 3.50 0.00 | 32.80 2.54 0.00 | 40.19 3.07 0.00 |
| NUCOR_STEEL___DRP 24197 | 26.00 0.33 0.00 | 25.21 0.22 0.00 | 27.28 0.01 0.00 | 24.92 0.07 0.00 | 24.17 0.12 0.00 | 26.30 0.25 0.00 | 28.83 0.42 0.00 | 29.21 0.41 0.00 | 30.04 0.32 0.00 | 28.78 0.43 0.00 | 34.78 0.38 0.00 | 42.06 0.49 0.00 | 42.72 0.63 0.00 | 39.30 0.50 0.00 | 40.04 0.59 0.00 | 44.15 0.58 0.00 | 58.62 1.00 0.01 | 67.08 1.54 0.21 | 71.02 1.08 0.92 | 48.17 0.97 0.00 | 46.44 1.03 0.00 | 41.46 0.59 0.00 | 30.67 0.40 0.00 | 37.55 0.43 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 26.32 -0.95 -1.59 | 25.73 -0.86 -1.60 | 27.89 -0.71 -1.33 | 26.38 -0.22 -1.74 | 25.91 0.15 -1.71 | 28.06 0.38 -1.62 | 29.42 0.51 -0.51 | 29.35 0.55 0.00 | 30.26 0.54 0.00 | 28.92 0.57 0.00 | 34.99 0.59 0.00 | 42.06 0.49 0.00 | 42.23 0.14 0.00 | 38.77 -0.03 0.00 | 39.03 -0.42 0.00 | 40.55 -0.38 2.64 | 57.06 -0.42 0.15 | 62.74 -0.12 2.89 | 58.68 0.24 12.42 | 47.57 0.37 0.00 | 46.48 1.08 0.00 | 41.66 0.79 0.00 | 30.81 0.55 0.00 | 37.69 0.57 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 25.67 0.00 0.00 | 24.99 0.00 0.00 | 27.27 0.00 0.00 | 24.86 0.00 0.00 | 24.05 0.00 0.00 | 26.05 0.00 0.00 | 28.41 0.00 0.00 | 28.81 0.00 0.00 | 29.72 0.00 0.00 | 28.35 0.00 0.00 | 34.40 0.00 0.00 | 41.57 0.00 0.00 | 42.09 0.00 0.00 | 38.80 0.00 0.00 | 39.45 0.00 0.00 | 43.57 0.00 0.00 | 57.64 0.00 0.00 | 65.75 0.00 0.00 | 70.86 0.00 0.00 | 47.20 0.00 0.00 | 45.41 0.00 0.00 | 40.87 0.00 0.00 | 30.26 0.00 0.00 | 37.12 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 27.57 1.89 0.00 | 26.79 1.80 0.00 | 28.77 1.50 0.00 | 26.16 1.31 0.00 | 25.31 1.26 0.00 | 27.67 1.62 0.00 | 30.25 1.84 0.00 | 30.76 1.95 0.00 | 31.69 1.96 0.00 | 30.42 2.07 0.00 | 39.79 2.55 -2.84 | 44.43 2.71 -0.14 | 44.98 2.88 0.00 | 60.82 3.59 -18.43 | 66.83 4.30 -23.08 | 245.20 4.78 -196.86 | 309.58 6.32 -245.63 | 249.74 7.15 -176.84 | 181.57 7.41 -103.30 | 267.37 4.70 -215.46 | 114.86 4.16 -65.29 | 73.12 3.08 -29.17 | 34.90 2.29 -2.34 | 97.46 3.07 -57.27 |
| NYPA_GOWANUS____GT5 24156 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.48 1.68 0.00 | 31.50 1.78 0.00 | 30.34 1.98 0.00 | 39.71 2.46 -2.85 | 44.51 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.55 0.00 | 47.65 4.08 0.00 | 63.32 5.69 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.08 3.88 0.00 | 48.87 3.46 0.00 | 43.41 2.54 0.00 | 35.25 1.91 -3.07 | 79.01 2.70 -39.19 |
| NYPA_GOWANUS____GT6 24157 | 36.42 1.78 -8.97 | 26.60 1.61 0.00 | 28.70 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.48 1.68 0.00 | 31.50 1.78 0.00 | 30.34 1.98 0.00 | 39.71 2.46 -2.85 | 44.51 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.01 3.55 0.00 | 47.65 4.08 0.00 | 63.32 5.69 0.00 | 71.87 6.13 0.00 | 77.06 6.20 0.00 | 51.08 3.88 0.00 | 48.87 3.46 0.00 | 43.41 2.54 0.00 | 35.25 1.91 -3.07 | 79.01 2.70 -39.19 |
| NYPA_HARLEM__RVR__GT1 24160 | 27.30 1.63 0.00 | 26.46 1.47 0.00 | 28.58 1.31 0.00 | 25.98 1.12 0.00 | 25.14 1.09 0.00 | 27.42 1.37 0.00 | 29.94 1.53 0.00 | 30.40 1.60 0.00 | 31.41 1.69 0.00 | 30.25 1.90 0.00 | 39.56 2.31 -2.85 | 44.35 2.64 -0.14 | 44.70 2.61 0.00 | 41.76 2.96 0.00 | 42.96 3.50 0.00 | 47.68 4.11 0.00 | 63.26 5.62 0.00 | 71.99 6.25 0.00 | 77.24 6.38 0.00 | 51.18 3.98 0.00 | 48.91 3.49 -0.01 | 43.40 2.53 -0.01 | 32.25 1.98 -0.01 | 39.74 2.62 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 27.30 1.63 0.00 | 26.46 1.47 0.00 | 28.58 1.31 0.00 | 25.98 1.12 0.00 | 25.14 1.09 0.00 | 27.42 1.37 0.00 | 29.94 1.53 0.00 | 30.40 1.60 0.00 | 31.41 1.69 0.00 | 30.25 1.90 0.00 | 39.56 2.31 -2.85 | 44.35 2.64 -0.14 | 44.70 2.61 0.00 | 41.76 2.96 0.00 | 42.96 3.50 0.00 | 47.68 4.11 0.00 | 63.26 5.62 0.00 | 71.99 6.25 0.00 | 77.24 6.38 0.00 | 51.18 3.98 0.00 | 48.91 3.49 -0.01 | 43.40 2.53 -0.01 | 32.25 1.98 -0.01 | 39.74 2.62 0.00 |
| NYPA_KENT____GT 24152 | 32.56 1.73 -5.16 | 26.53 1.54 0.00 | 28.65 1.38 0.00 | 26.02 1.16 0.00 | 25.18 1.12 0.00 | 27.46 1.41 0.00 | 29.97 1.56 0.00 | 30.44 1.64 0.00 | 31.46 1.74 0.00 | 30.30 1.95 0.00 | 39.66 2.42 -2.85 | 44.45 2.74 -0.14 | 44.70 2.61 0.00 | 41.76 2.96 0.00 | 42.94 3.48 0.00 | 47.61 4.04 0.00 | 63.24 5.60 0.00 | 71.84 6.09 0.00 | 77.03 6.17 0.00 | 51.03 3.83 0.00 | 48.81 3.40 0.00 | 43.32 2.45 0.00 | 33.89 1.86 -1.77 | 45.26 2.59 -5.56 |
| NYPA_POUCH1____GT 24155 | 36.36 1.72 -8.97 | 26.61 1.62 0.00 | 28.69 1.41 0.00 | 26.02 1.16 0.00 | 25.18 1.12 0.00 | 27.46 1.41 0.00 | 29.99 1.59 0.00 | 30.44 1.63 0.00 | 31.44 1.72 0.00 | 30.27 1.92 0.00 | 39.60 2.35 -2.85 | 44.33 2.62 -0.14 | 44.62 2.52 0.00 | 41.84 3.05 0.00 | 42.99 3.54 0.00 | 47.63 4.06 0.00 | 63.28 5.64 0.00 | 71.72 5.97 0.00 | 76.93 6.06 0.00 | 51.02 3.82 0.00 | 48.79 3.38 0.00 | 43.33 2.46 0.00 | 35.18 1.85 -3.07 | 45.57 2.56 -5.89 |
| NYPA_VERNON____GT2 24162 | 28.69 1.66 -1.36 | 26.47 1.48 0.00 | 28.59 1.31 0.00 | 25.98 1.12 0.00 | 25.14 1.09 0.00 | 27.41 1.36 0.00 | 29.92 1.51 0.00 | 30.40 1.59 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.62 2.38 -2.85 | 44.39 2.67 -0.14 | 44.62 2.53 0.00 | 41.70 2.91 0.00 | 42.90 3.45 0.00 | 47.60 4.03 0.00 | 63.20 5.57 0.00 | 71.86 6.11 0.00 | 77.07 6.20 0.00 | 51.03 3.83 0.00 | 48.78 3.37 0.00 | 43.27 2.40 0.00 | 32.56 1.83 -0.46 | 41.32 2.51 -1.69 |
| NYPA_VERNON____GT3 24163 | 28.69 1.66 -1.36 | 26.47 1.48 0.00 | 28.59 1.31 0.00 | 25.98 1.12 0.00 | 25.14 1.09 0.00 | 27.41 1.36 0.00 | 29.92 1.51 0.00 | 30.40 1.59 0.00 | 31.42 1.70 0.00 | 30.26 1.91 0.00 | 39.62 2.38 -2.85 | 44.39 2.67 -0.14 | 44.62 2.53 0.00 | 41.70 2.91 0.00 | 42.90 3.45 0.00 | 47.60 4.03 0.00 | 63.20 5.57 0.00 | 71.86 6.11 0.00 | 77.07 6.20 0.00 | 51.03 3.83 0.00 | 48.78 3.37 0.00 | 43.27 2.40 0.00 | 32.56 1.83 -0.46 | 41.32 2.51 -1.69 |
| NYPA__ASTORIA_CC1 323568 | 27.30 1.63 0.00 | 26.44 1.45 0.00 | 28.56 1.28 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.86 0.00 | 39.56 2.31 -2.85 | 44.30 2.58 -0.14 | 44.53 2.44 0.00 | 41.64 2.84 0.00 | 42.83 3.38 0.00 | 47.53 3.96 0.00 | 63.11 5.48 0.00 | 71.76 6.01 0.00 | 76.97 6.10 0.00 | 50.96 3.76 0.00 | 48.71 3.30 0.00 | 43.22 2.35 0.00 | 32.07 1.80 0.00 | 39.59 2.47 0.00 |
| NYPA__ASTORIA_CC2 323569 | 27.30 1.63 0.00 | 26.44 1.45 0.00 | 28.56 1.28 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.86 0.00 | 39.56 2.31 -2.85 | 44.30 2.58 -0.14 | 44.53 2.44 0.00 | 41.64 2.84 0.00 | 42.83 3.38 0.00 | 47.53 3.96 0.00 | 63.11 5.48 0.00 | 71.76 6.01 0.00 | 76.97 6.10 0.00 | 50.96 3.76 0.00 | 48.71 3.30 0.00 | 43.22 2.35 0.00 | 32.07 1.80 0.00 | 39.59 2.47 0.00 |
| NYPA__HOLTSVILL 23794 | 27.27 1.60 0.00 | 26.47 1.49 0.00 | 28.42 1.15 0.00 | 25.86 1.00 0.00 | 25.00 0.95 0.00 | 27.33 1.28 0.00 | 29.86 1.45 0.00 | 30.35 1.54 0.00 | 31.27 1.55 0.00 | 30.06 1.71 0.00 | 39.29 2.05 -2.84 | 43.80 2.09 -0.14 | 44.39 2.30 0.00 | 59.63 3.13 -17.70 | 66.37 3.84 -23.08 | 244.82 4.39 -196.86 | 309.14 5.88 -245.63 | 261.40 6.78 -188.87 | 180.32 7.01 -102.44 | 266.93 4.27 -215.46 | 114.51 3.81 -65.29 | 72.69 2.65 -29.17 | 34.47 1.91 -2.30 | 96.89 2.59 -57.18 |
| NYPA__HELLGATE_GT1 24158 | 27.30 1.63 0.00 | 26.46 1.47 0.00 | 28.58 1.31 0.00 | 25.98 1.12 0.00 | 25.14 1.09 0.00 | 27.42 1.37 0.00 | 29.94 1.53 0.00 | 30.40 1.60 0.00 | 31.41 1.69 0.00 | 30.25 1.90 0.00 | 39.56 2.31 -2.85 | 44.35 2.64 -0.14 | 44.70 2.61 0.00 | 41.76 2.96 0.00 | 42.96 3.50 0.00 | 47.68 4.11 0.00 | 63.26 5.62 0.00 | 71.99 6.25 0.00 | 77.24 6.38 0.00 | 51.18 3.98 0.00 | 48.91 3.49 -0.01 | 43.40 2.53 -0.01 | 32.25 1.98 -0.01 | 39.74 2.62 0.00 |
| NYPA__HELLGATE_GT2 24159 | 27.30 1.63 0.00 | 26.46 1.47 0.00 | 28.58 1.31 0.00 | 25.98 1.12 0.00 | 25.14 1.09 0.00 | 27.42 1.37 0.00 | 29.94 1.53 0.00 | 30.40 1.60 0.00 | 31.41 1.69 0.00 | 30.25 1.90 0.00 | 39.56 2.31 -2.85 | 44.35 2.64 -0.14 | 44.70 2.61 0.00 | 41.76 2.96 0.00 | 42.96 3.50 0.00 | 47.68 4.11 0.00 | 63.26 5.62 0.00 | 71.99 6.25 0.00 | 77.24 6.38 0.00 | 51.18 3.98 0.00 | 48.91 3.49 -0.01 | 43.40 2.53 -0.01 | 32.25 1.98 -0.01 | 39.74 2.62 0.00 |
| NYS_BARGE__HYD 23848 | 25.61 -0.06 0.00 | 24.33 -0.66 0.00 | 26.27 -1.00 0.00 | 23.68 -1.18 0.00 | 23.06 -1.00 0.00 | 25.21 -0.84 0.00 | 28.16 -0.24 0.00 | 28.77 -0.04 0.00 | 29.70 -0.03 0.00 | 27.85 -0.50 0.00 | 34.44 0.04 0.00 | 40.93 -0.64 0.00 | 42.12 0.03 0.00 | 38.25 -0.55 0.00 | 39.10 -0.69 -0.34 | 62.30 -1.09 -19.82 | 63.12 -1.69 -7.17 | 103.64 -2.94 -40.83 | 75.60 -3.86 -8.60 | 45.17 -2.02 0.00 | 43.94 -1.47 0.00 | 39.58 -1.29 0.00 | 29.38 -0.89 0.00 | 35.96 -1.16 0.00 |

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| OAK ORCHARD___HYD 24046 | 26.02 0.35 0.00 | 24.94 -0.05 0.00 | 26.98 -0.30 0.00 | 24.43 -0.43 0.00 | 23.73 -0.32 0.00 | 25.87 -0.17 0.00 | 28.67 0.26 0.00 | 29.23 0.43 0.00 | 30.14 0.42 0.00 | 28.52 0.17 0.00 | 35.04 0.64 0.00 | 41.93 0.36 0.00 | 42.77 0.68 0.00 | 39.13 0.33 0.00 | 39.78 0.36 0.04 | 40.66 0.33 3.23 | 54.17 0.28 3.75 | 69.74 -0.27 -4.27 | 70.44 -0.86 -0.43 | 46.86 -0.34 0.00 | 45.32 -0.10 0.00 | 40.65 -0.22 0.00 | 30.09 -0.17 0.00 | 36.73 -0.39 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 26.09 0.42 0.00 | 25.20 0.21 0.00 | 27.36 0.09 0.00 | 24.84 -0.02 0.00 | 24.09 0.03 0.00 | 26.23 0.18 0.00 | 28.81 0.40 0.00 | 29.30 0.50 0.00 | 30.21 0.49 0.00 | 28.82 0.47 0.00 | 35.19 0.79 0.00 | 42.42 0.85 0.00 | 43.08 0.99 0.00 | 39.82 1.03 0.00 | 40.83 1.29 -0.09 | 51.60 1.49 -6.55 | 65.11 1.93 -5.55 | 67.79 1.77 -0.27 | 73.06 1.58 -0.62 | 48.21 1.01 0.00 | 46.43 1.02 0.00 | 41.40 0.53 0.00 | 30.64 0.38 0.00 | 37.46 0.34 0.00 |
| OCC_CHEM___DRP 24175 | 25.06 -0.62 0.00 | 23.83 -1.16 0.00 | 25.75 -1.53 0.00 | 23.22 -1.63 0.00 | 22.60 -1.45 0.00 | 24.69 -1.36 0.00 | 27.60 -0.80 0.00 | 28.20 -0.61 0.00 | 29.09 -0.63 0.00 | 27.30 -1.05 0.00 | 33.79 -0.61 0.00 | 40.10 -1.47 0.00 | 41.29 -0.80 0.00 | 37.43 -1.37 0.00 | 38.39 -1.69 -0.62 | 70.57 -2.28 -29.29 | 45.67 -3.05 8.91 | 60.90 -4.41 0.44 | 64.40 -5.45 1.00 | 44.16 -3.04 0.00 | 43.00 -2.41 0.00 | 38.82 -2.05 0.00 | 28.80 -1.46 0.00 | 35.22 -1.90 0.00 |
| OH_GEN_PROXY 24063 | 25.23 -0.45 0.00 | 24.03 -0.96 0.00 | 25.95 -1.32 0.00 | 23.34 -1.44 0.08 | 22.79 -1.26 0.00 | 24.89 -1.16 0.00 | 27.78 -0.62 0.00 | 28.37 -0.44 0.00 | 29.24 -0.48 0.00 | 27.49 -0.86 0.00 | 34.02 -0.38 0.00 | 40.15 -1.11 0.31 | 41.60 -0.49 0.00 | 37.77 -1.03 0.00 | 38.01 -1.14 0.30 | 20.59 -1.52 21.45 | 38.00 -2.21 17.43 | 52.91 -3.42 9.41 | 62.85 -4.41 3.61 | 44.75 -2.45 0.00 | 35.20 -1.94 8.27 | 39.17 -1.70 0.00 | 29.07 -1.20 0.00 | 35.51 -1.60 0.00 |
| OLIN_CORP_DRP 24177 | 25.19 -0.49 0.00 | 23.94 -1.05 0.00 | 25.87 -1.41 0.00 | 23.32 -1.54 0.00 | 22.70 -1.35 0.00 | 24.82 -1.23 0.00 | 27.75 -0.66 0.00 | 28.35 -0.46 0.00 | 29.24 -0.48 0.00 | 27.43 -0.92 0.00 | 33.94 -0.46 0.00 | 40.29 -1.28 0.00 | 41.51 -0.58 0.00 | 37.64 -1.16 0.00 | 38.65 -1.44 -0.63 | 78.58 -2.01 -37.03 | 67.41 -2.70 -12.47 | 73.10 -4.01 -11.36 | 69.33 -5.00 -3.47 | 44.45 -2.75 0.00 | 43.28 -2.13 0.00 | 39.04 -1.83 0.00 | 28.94 -1.32 0.00 | 35.43 -1.69 0.00 |
| OLIN_CORP_DSASP 323712 | 25.06 -0.62 0.00 | 23.82 -1.17 0.00 | 25.75 -1.53 0.00 | 23.22 -1.63 0.00 | 22.60 -1.45 0.00 | 24.69 -1.36 0.00 | 27.60 -0.81 0.00 | 28.20 -0.60 0.00 | 29.09 -0.63 0.00 | 27.30 -1.05 0.00 | 33.78 -0.62 0.00 | 40.10 -1.47 0.00 | 41.29 -0.80 0.00 | 37.43 -1.36 0.00 | 38.49 -1.59 -0.62 | 70.79 -2.07 -29.29 | 45.73 -3.00 8.91 | 60.93 -4.38 0.44 | 64.43 -5.43 1.00 | 44.17 -3.02 0.00 | 43.00 -2.41 0.00 | 38.82 -2.06 0.00 | 28.81 -1.46 0.00 | 35.22 -1.90 0.00 |
| ONEIDA_HERK_LFGE 323681 | 26.47 0.07 -0.73 | 25.77 0.06 -0.73 | 27.99 0.10 -0.61 | 25.91 0.25 -0.80 | 25.24 0.41 -0.78 | 27.38 0.58 -0.75 | 29.37 0.73 -0.23 | 29.59 0.79 0.00 | 30.55 0.83 0.00 | 29.13 0.78 0.00 | 35.32 0.92 0.00 | 42.54 0.97 0.00 | 42.95 0.86 0.00 | 39.57 0.77 0.00 | 40.16 0.71 0.00 | 43.66 0.89 0.80 | 58.82 1.26 0.07 | 65.95 1.53 1.33 | 66.98 1.82 5.70 | 48.46 1.27 0.00 | 46.92 1.51 0.00 | 41.98 1.11 0.00 | 31.01 0.75 0.00 | 37.95 0.83 0.00 |
| ONEIDA___115KV_TB4 55905 | 26.40 0.73 0.00 | 25.61 0.62 0.00 | 27.87 0.60 0.00 | 25.43 0.57 0.00 | 24.67 0.62 0.00 | 26.83 0.78 0.00 | 29.43 1.02 0.00 | 29.91 1.11 0.00 | 30.91 1.19 0.00 | 29.49 1.14 0.00 | 35.85 1.45 0.00 | 43.16 1.59 0.00 | 43.72 1.63 0.00 | 40.37 1.57 0.00 | 41.15 1.69 0.00 | 45.43 1.87 0.00 | 60.14 2.53 0.03 | 68.05 2.87 0.56 | 71.61 3.15 2.41 | 49.28 2.08 0.00 | 47.47 2.07 0.00 | 42.38 1.51 0.00 | 31.28 1.01 0.00 | 38.25 1.13 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 25.91 0.24 0.00 | 25.09 0.10 0.00 | 27.25 -0.02 0.00 | 24.80 -0.06 0.00 | 24.06 0.00 0.00 | 26.14 0.09 0.00 | 28.67 0.26 0.00 | 29.12 0.32 0.00 | 30.06 0.34 0.00 | 28.67 0.32 0.00 | 34.85 0.45 0.00 | 41.98 0.40 0.00 | 42.58 0.49 0.00 | 39.29 0.50 0.00 | 40.09 0.64 0.00 | 44.30 0.73 0.00 | 58.52 0.89 0.01 | 66.36 0.86 0.24 | 70.58 0.77 1.05 | 47.72 0.52 0.00 | 45.95 0.54 0.00 | 41.07 0.20 0.00 | 30.40 0.14 0.00 | 37.23 0.11 0.00 |
| ONONDAGA___COGEN 23986 | 25.82 0.15 0.00 | 25.02 0.04 0.00 | 27.17 -0.10 0.00 | 24.75 -0.11 0.00 | 24.01 -0.04 0.00 | 26.08 0.03 0.00 | 28.58 0.17 0.00 | 29.01 0.20 0.00 | 29.92 0.20 0.00 | 28.51 0.16 0.00 | 34.57 0.17 0.00 | 41.66 0.09 0.00 | 42.16 0.07 0.00 | 38.84 0.04 0.00 | 39.59 0.14 0.00 | 43.72 0.16 0.00 | 57.88 0.26 0.01 | 65.88 0.37 0.24 | 70.04 0.20 1.02 | 47.39 0.19 0.00 | 45.64 0.23 0.00 | 40.83 -0.04 0.00 | 30.30 0.04 0.00 | 37.17 0.06 0.00 |
| ONTARIO___LFGE 23819 | 26.28 0.60 0.00 | 25.25 0.27 0.00 | 27.31 0.04 0.00 | 24.76 -0.10 0.00 | 24.04 -0.01 0.00 | 26.25 0.20 0.00 | 29.05 0.64 0.00 | 29.65 0.85 0.00 | 30.63 0.91 0.00 | 29.14 0.79 0.00 | 35.45 1.05 0.00 | 42.60 1.03 0.00 | 43.40 1.31 0.00 | 39.93 1.13 0.00 | 40.71 1.26 0.00 | 45.06 1.50 0.00 | 59.71 2.07 0.00 | 67.73 1.98 0.00 | 72.60 1.74 0.00 | 48.46 1.27 0.00 | 46.70 1.29 0.00 | 41.66 0.79 0.00 | 30.85 0.58 0.00 | 37.52 0.40 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 25.53 -0.14 0.00 | 24.35 -0.64 0.00 | 26.26 -1.01 0.00 | 23.65 -1.21 0.00 | 23.04 -1.01 0.00 | 25.23 -0.82 0.00 | 28.22 -0.18 0.00 | 28.92 0.12 0.00 | 29.93 0.21 0.00 | 28.27 -0.08 0.00 | 34.87 0.47 0.00 | 41.73 0.15 0.00 | 42.83 0.74 0.00 | 39.18 0.38 0.00 | 40.41 0.44 -0.52 | 82.41 0.27 -38.57 | 91.84 0.17 -34.04 | 66.63 -0.78 -1.66 | 73.25 -1.44 -3.83 | 46.63 -0.56 0.00 | 45.21 -0.20 0.00 | 40.48 -0.39 0.00 | 30.02 -0.25 0.00 | 36.62 -0.50 0.00 |
| ORANGEVILLE___ESR 323794 | 25.53 -0.14 0.00 | 24.35 -0.64 0.00 | 26.26 -1.01 0.00 | 23.65 -1.21 0.00 | 23.04 -1.01 0.00 | 25.23 -0.82 0.00 | 28.22 -0.18 0.00 | 28.92 0.12 0.00 | 29.93 0.21 0.00 | 28.27 -0.08 0.00 | 34.87 0.47 0.00 | 41.73 0.15 0.00 | 42.83 0.74 0.00 | 39.18 0.38 0.00 | 40.41 0.44 -0.52 | 82.41 0.27 -38.57 | 91.84 0.17 -34.04 | 66.63 -0.78 -1.66 | 73.25 -1.44 -3.83 | 46.63 -0.56 0.00 | 45.21 -0.20 0.00 | 40.48 -0.39 0.00 | 30.02 -0.25 0.00 | 36.62 -0.50 0.00 |
| OSWEGATCHIE___HYD 24044 | 28.30 -1.04 -3.66 | 27.74 -0.91 -3.67 | 29.56 -0.77 -3.05 | 28.39 -0.46 -4.00 | 27.72 -0.26 -3.93 | 29.56 -0.22 -3.74 | 29.38 -0.18 -1.16 | 28.73 -0.08 0.00 | 29.65 -0.07 0.00 | 28.20 -0.15 0.00 | 34.12 -0.28 0.00 | 41.12 -0.45 0.00 | 41.33 -0.77 0.00 | 37.75 -1.05 0.00 | 37.59 -1.86 0.00 | 34.69 -2.05 6.82 | 54.78 -2.50 0.36 | 56.58 -2.53 6.63 | 39.98 -2.34 28.54 | 45.86 -1.33 0.00 | 44.72 -0.69 0.00 | 40.82 -0.05 0.00 | 30.19 -0.07 0.00 | 36.92 -0.19 0.00 |
| OSWEGO___5 23606 | 25.29 -0.38 0.00 | 24.53 -0.45 0.00 | 26.67 -0.60 0.00 | 24.31 -0.55 0.00 | 23.56 -0.49 0.00 | 25.57 -0.49 0.00 | 27.97 -0.44 0.00 | 28.38 -0.43 0.00 | 29.27 -0.45 0.00 | 27.91 -0.44 0.00 | 33.90 -0.50 0.00 | 40.87 -0.70 0.00 | 41.43 -0.67 0.00 | 38.21 -0.59 0.00 | 38.92 -0.53 0.00 | 42.97 -0.59 0.00 | 56.86 -0.78 0.00 | 64.85 -0.90 0.00 | 69.76 -1.11 0.00 | 46.51 -0.69 0.00 | 44.79 -0.62 0.00 | 40.14 -0.73 0.00 | 29.74 -0.53 0.00 | 36.42 -0.69 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OSWEGO___6 23613 | 25.29 -0.38 0.00 | 24.53 -0.45 0.00 | 26.67 -0.60 0.00 | 24.31 -0.55 0.00 | 23.56 -0.49 0.00 | 25.57 -0.49 0.00 | 27.97 -0.44 0.00 | 28.38 -0.43 0.00 | 29.27 -0.45 0.00 | 27.91 -0.44 0.00 | 33.90 -0.50 0.00 | 40.87 -0.70 0.00 | 41.43 -0.67 0.00 | 38.21 -0.59 0.00 | 38.92 -0.53 0.00 | 42.97 -0.59 0.00 | 56.86 -0.78 0.00 | 64.85 -0.90 0.00 | 69.76 -1.11 0.00 | 46.51 -0.69 0.00 | 44.79 -0.62 0.00 | 40.14 -0.73 0.00 | 29.74 -0.53 0.00 | 36.42 -0.69 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 25.80 0.13 0.00 | 24.52 -0.47 0.00 | 26.46 -0.81 0.00 | 23.86 -1.00 0.00 | 23.22 -0.84 0.00 | 25.37 -0.68 0.00 | 28.37 -0.04 0.00 | 29.01 0.21 0.00 | 29.99 0.27 0.00 | 28.18 -0.17 0.00 | 34.89 0.49 0.00 | 41.48 -0.09 0.00 | 42.64 0.55 0.00 | 38.71 -0.08 0.00 | 39.75 -0.30 -0.60 | 78.66 -0.77 -35.86 | 70.77 -1.07 -14.21 | 77.04 -2.21 -13.50 | 71.79 -3.13 -4.06 | 45.62 -1.57 0.00 | 44.35 -1.06 0.00 | 39.97 -0.90 0.00 | 29.67 -0.59 0.00 | 36.25 -0.87 0.00 |
| OXBOW___BTM 323836 | 25.46 -0.21 0.00 | 24.19 -0.79 0.00 | 26.13 -1.14 0.00 | 23.56 -1.30 0.00 | 22.93 -1.12 0.00 | 25.06 -0.99 0.00 | 28.01 -0.39 0.00 | 28.63 -0.17 0.00 | 29.58 -0.14 0.00 | 27.78 -0.57 0.00 | 34.38 -0.02 0.00 | 40.85 -0.72 0.00 | 42.05 -0.04 0.00 | 38.17 -0.63 0.00 | 39.25 -0.81 -0.61 | 74.95 -1.23 -32.61 | 58.55 -1.86 -2.78 | 68.58 -3.14 -5.97 | 68.17 -4.13 -1.44 | 44.98 -2.21 0.00 | 43.74 -1.67 0.00 | 39.45 -1.42 0.00 | 29.27 -1.00 0.00 | 35.76 -1.36 0.00 |
| OXBOW____ 24026 | 25.46 -0.21 0.00 | 24.19 -0.79 0.00 | 26.13 -1.14 0.00 | 23.56 -1.30 0.00 | 22.93 -1.12 0.00 | 25.06 -0.99 0.00 | 28.01 -0.39 0.00 | 28.63 -0.17 0.00 | 29.58 -0.14 0.00 | 27.78 -0.57 0.00 | 34.39 -0.01 0.00 | 40.86 -0.72 0.00 | 42.05 -0.05 0.00 | 38.16 -0.63 0.00 | 39.15 -0.91 -0.61 | 74.75 -1.43 -32.61 | 58.48 -1.94 -2.78 | 68.53 -3.19 -5.97 | 68.12 -4.18 -1.44 | 44.97 -2.23 0.00 | 43.75 -1.66 0.00 | 39.45 -1.42 0.00 | 29.27 -1.00 0.00 | 35.76 -1.36 0.00 |
| OXY_CHEM_DSASP 323612 | 25.06 -0.62 0.00 | 23.83 -1.16 0.00 | 25.75 -1.53 0.00 | 23.22 -1.63 0.00 | 22.60 -1.45 0.00 | 24.69 -1.36 0.00 | 27.60 -0.80 0.00 | 28.20 -0.61 0.00 | 29.09 -0.63 0.00 | 27.30 -1.05 0.00 | 33.79 -0.61 0.00 | 40.10 -1.47 0.00 | 41.29 -0.80 0.00 | 37.43 -1.37 0.00 | 38.39 -1.69 -0.62 | 70.57 -2.28 -29.29 | 45.67 -3.05 8.91 | 60.90 -4.41 0.44 | 64.40 -5.45 1.00 | 44.16 -3.04 0.00 | 43.00 -2.41 0.00 | 38.82 -2.05 0.00 | 28.80 -1.46 0.00 | 35.22 -1.90 0.00 |
| OZONE_PARK_ESR 323760 | 27.57 1.89 0.00 | 26.68 1.69 0.00 | 28.82 1.55 0.00 | 26.18 1.32 0.00 | 25.32 1.27 0.00 | 27.62 1.57 0.00 | 30.17 1.76 0.00 | 30.65 1.84 0.00 | 31.69 1.97 0.00 | 30.51 2.16 0.00 | 39.95 2.70 -2.84 | 44.93 3.21 -0.14 | 45.25 3.16 0.00 | 42.36 3.56 0.00 | 43.63 4.18 0.00 | 48.44 4.87 0.00 | 64.31 6.68 0.00 | 73.18 7.44 0.00 | 78.49 7.62 0.00 | 51.99 4.79 0.00 | 49.72 4.31 0.00 | 44.06 3.19 0.00 | 32.65 2.39 0.00 | 40.11 3.00 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 25.06 -0.62 0.00 | 23.83 -1.16 0.00 | 25.75 -1.53 0.00 | 23.22 -1.63 0.00 | 22.60 -1.45 0.00 | 24.69 -1.36 0.00 | 27.60 -0.80 0.00 | 28.20 -0.61 0.00 | 29.09 -0.63 0.00 | 27.30 -1.05 0.00 | 33.79 -0.61 0.00 | 40.10 -1.47 0.00 | 41.29 -0.80 0.00 | 37.43 -1.37 0.00 | 38.39 -1.69 -0.62 | 70.57 -2.28 -29.29 | 45.67 -3.05 8.91 | 60.90 -4.41 0.44 | 64.40 -5.45 1.00 | 44.16 -3.04 0.00 | 43.00 -2.41 0.00 | 38.82 -2.05 0.00 | 28.80 -1.46 0.00 | 35.22 -1.90 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 25.06 -0.62 0.00 | 23.83 -1.16 0.00 | 25.75 -1.53 0.00 | 23.22 -1.63 0.00 | 22.60 -1.45 0.00 | 24.69 -1.36 0.00 | 27.60 -0.80 0.00 | 28.20 -0.61 0.00 | 29.09 -0.63 0.00 | 27.30 -1.05 0.00 | 33.79 -0.61 0.00 | 40.10 -1.47 0.00 | 41.29 -0.80 0.00 | 37.43 -1.37 0.00 | 38.39 -1.69 -0.62 | 70.57 -2.28 -29.29 | 45.67 -3.05 8.91 | 60.90 -4.41 0.44 | 64.40 -5.45 1.00 | 44.16 -3.04 0.00 | 43.00 -2.41 0.00 | 38.82 -2.05 0.00 | 28.80 -1.46 0.00 | 35.22 -1.90 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 27.26 1.58 0.00 | 26.42 1.43 0.00 | 28.55 1.28 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.40 1.35 0.00 | 29.92 1.52 0.00 | 30.37 1.57 0.00 | 31.37 1.65 0.00 | 30.18 1.83 0.00 | 39.47 2.23 -2.85 | 44.24 2.53 -0.14 | 44.61 2.51 0.00 | 41.74 2.94 0.00 | 42.93 3.47 0.00 | 47.65 4.09 0.00 | 63.21 5.57 0.00 | 71.90 6.15 0.00 | 77.21 6.34 0.00 | 51.15 3.95 0.00 | 48.91 3.49 -0.01 | 43.40 2.52 -0.01 | 32.20 1.93 -0.01 | 39.68 2.57 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 27.42 1.75 0.00 | 26.59 1.60 0.00 | 28.75 1.48 0.00 | 26.18 1.32 0.00 | 25.36 1.31 0.00 | 27.63 1.58 0.00 | 30.20 1.80 0.00 | 30.63 1.83 0.00 | 31.62 1.90 0.00 | 30.45 2.10 0.00 | 39.73 2.49 -2.85 | 44.53 2.82 -0.14 | 45.03 2.93 0.00 | 42.13 3.33 0.00 | 43.30 3.85 0.00 | 48.13 4.56 0.00 | 63.97 6.34 0.00 | 72.69 6.95 0.00 | 78.15 7.28 0.00 | 51.73 4.53 0.00 | 49.50 4.09 -0.01 | 43.92 3.05 -0.01 | 32.62 2.36 -0.01 | 40.17 3.05 0.00 |
| PATROON__115KV_TB1 80586 | 26.11 0.43 0.00 | 25.41 0.42 0.00 | 27.71 0.44 0.00 | 25.25 0.39 0.00 | 24.44 0.39 0.00 | 26.59 0.54 0.00 | 28.86 0.45 0.00 | 29.16 0.36 0.00 | 30.10 0.38 0.00 | 28.74 0.39 0.00 | 32.17 0.39 2.62 | 41.97 0.54 0.13 | 42.58 0.48 0.00 | 39.58 0.78 0.00 | 40.57 1.12 0.00 | 44.81 1.24 0.00 | 59.11 1.47 0.00 | 67.57 1.82 0.00 | 72.88 2.02 0.00 | 48.52 1.33 0.00 | 46.66 1.25 0.00 | 41.49 0.62 0.00 | 30.72 0.46 0.00 | 37.68 0.57 0.00 |
| PATTRSNVILLE__SOLAR 323815 | 26.64 0.96 0.00 | 25.88 0.89 0.00 | 28.21 0.93 0.00 | 25.70 0.84 0.00 | 24.88 0.83 0.00 | 27.05 1.00 0.00 | 29.50 1.09 0.00 | 29.87 1.07 0.00 | 30.80 1.08 0.00 | 29.20 0.85 0.00 | 33.31 0.92 2.01 | 42.45 0.98 0.10 | 42.96 0.87 0.00 | 39.65 0.85 0.00 | 40.54 1.09 0.00 | 44.93 1.36 0.00 | 59.75 2.12 0.00 | 68.55 2.80 0.00 | 74.19 3.32 0.00 | 49.43 2.24 0.00 | 47.53 2.12 0.00 | 42.48 1.61 0.00 | 31.42 1.16 0.00 | 38.52 1.41 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 26.15 0.47 0.00 | 24.91 -0.08 0.00 | 26.86 -0.41 0.00 | 24.24 -0.62 0.00 | 23.59 -0.47 0.00 | 25.79 -0.26 0.00 | 28.80 0.39 0.00 | 29.46 0.66 0.00 | 30.43 0.71 0.00 | 28.67 0.32 0.00 | 35.48 1.08 0.00 | 42.36 0.78 0.00 | 43.52 1.43 0.00 | 39.69 0.89 0.00 | 40.93 0.74 -0.74 | 95.89 0.43 -51.90 | 98.34 0.51 -40.19 | 70.14 -0.37 -4.77 | 74.80 -1.12 -5.06 | 46.81 -0.38 0.00 | 45.41 0.00 0.00 | 40.70 -0.17 0.00 | 30.16 -0.10 0.00 | 36.77 -0.35 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 27.23 1.56 0.00 | 26.37 1.39 0.00 | 28.54 1.27 0.00 | 25.94 1.08 0.00 | 25.10 1.05 0.00 | 27.38 1.33 0.00 | 29.90 1.49 0.00 | 30.34 1.54 0.00 | 31.35 1.62 0.00 | 30.13 1.78 0.00 | 39.41 2.23 -2.78 | 44.42 2.71 -0.14 | 44.84 2.75 0.00 | 41.94 3.15 0.00 | 43.17 3.72 0.00 | 47.98 4.41 0.00 | 63.63 5.99 0.00 | 72.46 6.71 0.00 | 77.82 6.95 0.00 | 51.55 4.35 0.00 | 49.30 3.89 0.00 | 43.64 2.77 0.00 | 32.28 2.02 0.00 | 39.62 2.50 0.00 |
| PEEKSKILL____ 23653 | 27.00 1.32 0.00 | 26.15 1.16 0.00 | 28.28 1.01 0.00 | 25.70 0.84 0.00 | 24.87 0.82 0.00 | 27.11 1.06 0.00 | 29.58 1.18 0.00 | 30.02 1.21 0.00 | 30.99 1.27 0.00 | 29.80 1.45 0.00 | 38.99 1.81 -2.78 | 43.85 2.14 -0.14 | 44.22 2.13 0.00 | 41.35 2.55 0.00 | 42.52 3.07 0.00 | 47.20 3.64 0.00 | 62.62 4.99 0.00 | 71.27 5.52 0.00 | 76.52 5.65 0.00 | 50.70 3.50 0.00 | 48.49 3.08 0.00 | 42.97 2.10 0.00 | 31.84 1.58 0.00 | 39.15 2.04 0.00 |

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|--|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| PGE MADISON___WINDPWR 24146 | 27.49 1.82 0.00 | 26.36 1.37 0.00 | 29.03 1.76 0.00 | 26.18 1.33 0.00 | 25.51 1.46 0.00 | 27.84 1.79 0.00 | 30.75 2.35 0.00 | 32.64 3.83 0.00 | 33.56 3.84 0.00 | 32.18 3.83 0.00 | 39.24 4.84 0.00 | 47.21 5.64 0.00 | 48.22 6.12 0.00 | 44.35 5.55 0.00 | 45.55 6.04 -0.06 | 54.79 6.68 -4.54 | 70.65 9.17 -3.84 | 76.13 10.20 -0.18 | 80.62 9.29 -0.47 | 52.76 5.56 0.00 | 50.72 5.31 0.00 | 45.16 4.29 0.00 | 33.25 2.99 0.00 | 40.42 3.30 0.00 |
| PIERCEFIELD___HYD 23852 | 29.98 -1.09 -5.40 | 29.49 -0.90 -5.40 | 31.05 -0.71 -4.49 | 30.19 -0.56 -5.90 | 29.30 -0.54 -5.79 | 30.87 -0.68 -5.50 | 29.43 -0.69 -1.71 | 28.27 -0.54 0.00 | 29.22 -0.50 0.00 | 27.65 -0.71 0.00 | 33.48 -0.92 0.00 | 40.61 -0.97 0.00 | 40.99 -1.10 0.00 | 37.25 -1.55 0.00 | 36.77 -2.68 0.00 | 30.21 -3.08 10.28 | 53.37 -3.74 0.52 | 51.90 -4.07 9.77 | 24.79 -4.02 42.05 | 44.72 -2.48 0.00 | 43.23 -2.18 0.00 | 40.32 -0.55 0.00 | 29.84 -0.43 0.00 | 36.52 -0.60 0.00 |
| PINELAWN_CC_1 323563 | 27.56 1.88 0.00 | 26.74 1.75 0.00 | 28.74 1.47 0.00 | 26.13 1.28 0.00 | 25.28 1.23 0.00 | 27.64 1.59 0.00 | 30.23 1.82 0.00 | 30.72 1.91 0.00 | 31.65 1.93 0.00 | 30.29 1.93 0.00 | 39.46 2.22 -2.84 | 44.00 2.29 -0.14 | 44.54 2.45 0.00 | 63.83 3.10 -21.94 | 66.24 3.71 -23.08 | 244.77 4.35 -196.86 | 309.21 5.95 -245.63 | 249.70 6.72 -177.24 | 185.26 6.97 -107.43 | 267.03 4.37 -215.46 | 114.50 3.80 -65.29 | 72.79 2.75 -29.17 | 34.88 2.08 -2.53 | 97.88 3.10 -57.66 |
| PJM_GEN_HTP_PROXY 323702 | 27.19 1.52 0.00 | 26.34 1.35 0.00 | 28.47 1.19 0.00 | 25.86 1.00 0.00 | 25.01 0.96 0.00 | 27.28 1.23 0.00 | 29.76 1.36 0.00 | 30.23 1.42 0.00 | 31.26 1.53 0.00 | 30.09 1.74 0.00 | 39.42 2.17 -2.84 | 44.26 2.55 -0.14 | 44.57 2.48 0.00 | 41.70 2.90 0.00 | 42.93 3.48 0.00 | 47.64 4.07 0.00 | 63.23 5.59 0.00 | 71.93 6.18 0.00 | 77.14 6.27 0.00 | 51.07 3.88 0.00 | 48.82 3.41 0.00 | 43.26 2.39 0.00 | 32.07 1.81 0.00 | 39.44 2.33 0.00 |
| PJM_GEN_KEystone 24065 | 27.00 0.61 -0.72 | 27.60 0.34 -2.28 | 24.97 0.07 2.38 | 24.78 -0.08 0.00 | 24.03 -0.02 0.00 | 26.21 0.16 0.00 | 28.85 0.45 0.00 | 29.37 0.57 0.00 | 30.25 0.53 0.00 | 28.89 0.54 0.00 | 36.87 0.97 -1.50 | 42.68 1.03 -0.08 | 43.27 1.18 0.00 | 40.10 1.30 0.00 | 41.21 1.68 -0.08 | 63.14 1.97 -17.60 | 86.98 2.64 -26.70 | 68.72 2.51 -0.47 | 73.60 2.18 -0.56 | 48.52 1.33 0.00 | 46.61 1.20 0.00 | 41.44 0.57 0.00 | 30.72 0.46 0.00 | 37.80 0.52 -0.16 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 27.23 1.56 0.00 | 26.43 1.44 0.00 | 28.46 1.18 0.00 | 25.87 1.01 0.00 | 25.03 0.98 0.00 | 27.34 1.29 0.00 | 29.86 1.46 0.00 | 30.30 1.50 0.00 | 31.24 1.52 0.00 | 30.04 1.68 0.00 | 39.35 2.10 -2.84 | 44.00 2.29 -0.14 | 44.49 2.40 0.00 | 49.23 3.04 -7.39 | 55.49 3.58 -12.46 | 154.07 4.20 -106.30 | 196.06 5.73 -132.69 | 167.34 6.33 -95.27 | 130.17 6.49 -52.81 | 167.73 4.11 -116.43 | 84.24 3.55 -35.29 | 65.79 2.44 -22.48 | 33.78 1.84 -1.68 | 70.42 2.51 -30.80 |
| PJM_GEN_VFT_PROXY 323633 | 27.09 1.41 0.00 | 26.22 1.23 0.00 | 28.32 1.05 0.00 | 25.74 0.88 0.00 | 24.93 0.87 0.00 | 27.15 1.10 0.00 | 29.64 1.24 0.00 | 30.12 1.32 0.00 | 31.11 1.39 0.00 | 29.96 1.60 0.00 | 39.24 2.00 -2.84 | 44.04 2.33 -0.14 | 44.33 2.24 0.00 | 41.52 2.73 0.00 | 42.71 3.26 0.00 | 47.37 3.81 0.00 | 62.88 5.24 0.00 | 71.58 5.84 0.00 | 76.80 5.93 0.00 | 50.87 3.67 0.00 | 48.62 3.22 0.00 | 43.11 2.24 0.00 | 31.96 1.69 0.00 | 39.28 2.16 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | -13.29 -0.70 38.26 | -14.00 -0.67 38.32 | -5.14 -0.57 31.85 | -17.41 -0.47 41.80 | -17.51 -0.54 41.02 | -13.47 -0.53 39.00 | 15.73 -0.54 12.13 | 28.63 -0.18 0.00 | 30.33 0.61 0.00 | 29.06 0.71 0.00 | 35.26 0.86 0.00 | 42.84 1.27 0.00 | 42.39 0.30 0.00 | 38.21 -0.58 0.00 | 37.75 -1.70 0.00 | 28.57 -2.18 12.82 | 54.69 -2.91 0.04 | 62.18 -2.76 0.81 | 65.08 -2.29 3.49 | 45.94 -1.26 0.00 | 44.82 -0.59 0.00 | 41.97 1.10 0.00 | 31.46 1.20 0.00 | 38.22 1.11 0.00 |
| PLEASANTVLY___LBMP 24000 | 26.77 1.09 0.00 | 25.95 0.97 0.00 | 28.13 0.85 0.00 | 25.59 0.73 0.00 | 24.76 0.71 0.00 | 26.98 0.93 0.00 | 29.41 1.00 0.00 | 29.79 0.98 0.00 | 30.73 1.01 0.00 | 29.51 1.16 0.00 | 38.99 1.39 -3.20 | 43.38 1.64 -0.16 | 43.71 1.62 0.00 | 40.85 2.05 0.00 | 41.97 2.52 0.00 | 46.56 2.99 0.00 | 61.67 4.04 0.00 | 70.27 4.53 0.00 | 75.54 4.68 0.00 | 50.13 2.93 0.00 | 48.01 2.61 0.00 | 42.56 1.69 0.00 | 31.55 1.28 0.00 | 38.80 1.68 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 27.04 1.36 0.00 | 26.21 1.22 0.00 | 28.36 1.09 0.00 | 25.78 0.92 0.00 | 24.93 0.88 0.00 | 27.18 1.13 0.00 | 29.67 1.26 0.00 | 30.10 1.30 0.00 | 31.07 1.35 0.00 | 29.88 1.53 0.00 | 39.17 1.89 -2.88 | 43.97 2.26 -0.15 | 44.34 2.25 0.00 | 41.45 2.66 0.00 | 42.65 3.20 0.00 | 47.35 3.79 0.00 | 62.77 5.14 0.00 | 71.47 5.72 0.00 | 76.69 5.83 0.00 | 50.83 3.63 0.00 | 48.62 3.21 0.00 | 43.11 2.24 0.00 | 31.94 1.67 0.00 | 39.27 2.15 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 27.04 1.36 0.00 | 26.21 1.22 0.00 | 28.36 1.09 0.00 | 25.78 0.92 0.00 | 24.93 0.88 0.00 | 27.18 1.13 0.00 | 29.67 1.26 0.00 | 30.10 1.30 0.00 | 31.07 1.35 0.00 | 29.88 1.53 0.00 | 39.17 1.89 -2.88 | 43.97 2.26 -0.15 | 44.34 2.25 0.00 | 41.45 2.66 0.00 | 42.65 3.20 0.00 | 47.35 3.79 0.00 | 62.77 5.14 0.00 | 71.47 5.72 0.00 | 76.69 5.83 0.00 | 50.83 3.63 0.00 | 48.62 3.21 0.00 | 43.11 2.24 0.00 | 31.94 1.67 0.00 | 39.27 2.15 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 27.01 1.34 0.00 | 26.16 1.17 0.00 | 28.34 1.07 0.00 | 25.77 0.91 0.00 | 24.95 0.90 0.00 | 27.19 1.14 0.00 | 29.68 1.27 0.00 | 30.09 1.28 0.00 | 31.13 1.40 0.00 | 29.88 1.53 0.00 | 38.99 1.88 -2.71 | 44.00 2.30 -0.14 | 44.42 2.33 0.00 | 41.51 2.71 0.00 | 42.60 3.15 0.00 | 47.36 3.79 0.00 | 62.83 5.20 0.00 | 71.57 5.83 0.00 | 76.95 6.09 0.00 | 51.03 3.83 0.00 | 48.84 3.43 0.00 | 43.25 2.38 0.00 | 31.99 1.72 0.00 | 39.27 2.15 0.00 |
| POLETTI___ 23519 | 27.18 1.50 0.00 | 26.32 1.33 0.00 | 28.44 1.17 0.00 | 25.84 0.99 0.00 | 25.01 0.96 0.00 | 27.27 1.22 0.00 | 29.75 1.35 0.00 | 30.21 1.41 0.00 | 31.23 1.51 0.00 | 30.07 1.72 0.00 | 39.39 2.15 -2.84 | 44.22 2.50 -0.14 | 44.52 2.42 0.00 | 41.64 2.85 0.00 | 42.88 3.43 0.00 | 47.58 4.01 0.00 | 63.13 5.49 0.00 | 71.81 6.06 0.00 | 77.03 6.16 0.00 | 51.00 3.81 0.00 | 48.77 3.36 0.00 | 43.22 2.35 0.00 | 32.05 1.79 0.00 | 39.42 2.30 0.00 |
| POMONA___ESR 323819 | 26.98 1.30 0.00 | 26.13 1.15 0.00 | 28.26 0.99 0.00 | 25.67 0.81 0.00 | 24.84 0.79 0.00 | 27.06 1.01 0.00 | 29.53 1.13 0.00 | 29.98 1.17 0.00 | 30.92 1.20 0.00 | 29.76 1.41 0.00 | 38.79 1.78 -2.61 | 43.84 2.14 -0.13 | 44.24 2.15 0.00 | 41.38 2.58 0.00 | 42.56 3.11 0.00 | 47.27 3.70 0.00 | 62.72 5.08 0.00 | 71.36 5.61 0.00 | 76.60 5.73 0.00 | 50.70 3.50 0.00 | 48.47 3.06 0.00 | 42.95 2.08 0.00 | 31.80 1.54 0.00 | 39.09 1.98 0.00 |
| PORT_JEFF_3 23555 | 27.32 1.64 0.00 | 26.52 1.53 0.00 | 28.47 1.19 0.00 | 25.90 1.04 0.00 | 25.04 0.99 0.00 | 27.38 1.33 0.00 | 29.91 1.50 0.00 | 30.39 1.59 0.00 | 31.32 1.60 0.00 | 30.10 1.75 0.00 | 39.35 2.11 -2.84 | 43.81 2.10 -0.14 | 44.37 2.27 0.00 | 59.70 3.15 -17.75 | 66.35 3.82 -23.08 | 244.75 4.33 -196.86 | 309.08 5.82 -245.63 | 264.55 6.73 -192.07 | 180.29 6.92 -102.50 | 266.83 4.17 -215.46 | 114.41 3.71 -65.29 | 72.61 2.57 -29.17 | 34.48 1.91 -2.31 | 96.96 2.65 -57.19 |

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|------------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| PORT_JEFF_4 23616 | 27.32 1.64 0.00 | 26.52 1.53 0.00 | 28.47 1.19 0.00 | 25.90 1.04 0.00 | 25.04 0.99 0.00 | 27.38 1.33 0.00 | 29.91 1.50 0.00 | 30.39 1.59 0.00 | 31.32 1.60 0.00 | 30.10 1.75 0.00 | 39.35 2.11 -2.84 | 43.81 2.10 -0.14 | 44.37 2.27 0.00 | 59.70 3.15 -17.75 | 66.35 3.82 -23.08 | 244.75 4.33 -196.86 | 309.08 5.82 -245.63 | 264.55 6.73 -192.07 | 180.29 6.92 -102.50 | 266.83 4.17 -215.46 | 114.41 3.71 -65.29 | 72.61 2.57 -29.17 | 34.48 1.91 -2.31 | 96.96 2.65 -57.19 |
| PORT_JEFF_IC 23713 | 27.35 1.67 0.00 | 26.55 1.56 0.00 | 28.49 1.22 0.00 | 25.92 1.06 0.00 | 25.06 1.01 0.00 | 27.41 1.36 0.00 | 29.95 1.54 0.00 | 30.43 1.63 0.00 | 31.38 1.65 0.00 | 30.16 1.81 0.00 | 39.44 2.19 -2.84 | 43.95 2.23 -0.14 | 44.56 2.47 0.00 | 60.04 3.35 -17.90 | 66.51 3.98 -23.08 | 244.88 4.45 -196.86 | 309.21 5.95 -245.63 | 275.72 6.90 -203.07 | 180.62 7.07 -102.69 | 266.88 4.22 -215.46 | 114.45 3.75 -65.29 | 72.64 2.61 -29.17 | 34.60 2.02 -2.31 | 97.07 2.75 -57.20 |
| PPL PILGRIM_ST_GT1 24216 | 27.57 1.89 0.00 | 26.79 1.80 0.00 | 28.77 1.50 0.00 | 26.16 1.31 0.00 | 25.31 1.26 0.00 | 27.67 1.62 0.00 | 30.25 1.84 0.00 | 30.76 1.95 0.00 | 31.69 1.96 0.00 | 30.42 2.07 0.00 | 39.79 2.55 -2.84 | 44.43 2.71 -0.14 | 44.98 2.88 0.00 | 60.82 3.59 -18.43 | 66.83 4.30 -23.08 | 245.20 4.78 -196.86 | 309.58 6.32 -245.63 | 249.74 7.15 -176.84 | 181.57 7.41 -103.30 | 267.37 4.70 -215.46 | 114.86 4.16 -65.29 | 73.12 3.08 -29.17 | 34.90 2.29 -2.34 | 97.46 3.07 -57.27 |
| PPL PILGRIM_ST_GT2 24217 | 27.57 1.89 0.00 | 26.79 1.80 0.00 | 28.77 1.50 0.00 | 26.16 1.31 0.00 | 25.31 1.26 0.00 | 27.67 1.62 0.00 | 30.25 1.84 0.00 | 30.76 1.95 0.00 | 31.69 1.96 0.00 | 30.42 2.07 0.00 | 39.79 2.55 -2.84 | 44.43 2.71 -0.14 | 44.98 2.88 0.00 | 60.82 3.59 -18.43 | 66.83 4.30 -23.08 | 245.20 4.78 -196.86 | 309.58 6.32 -245.63 | 249.74 7.15 -176.84 | 181.57 7.41 -103.30 | 267.37 4.70 -215.46 | 114.86 4.16 -65.29 | 73.12 3.08 -29.17 | 34.90 2.29 -2.34 | 97.46 3.07 -57.27 |
| PPL_SHRM_GT3 24213 | 27.12 1.44 0.00 | 26.29 1.31 0.00 | 28.18 0.91 0.00 | 25.65 0.79 0.00 | 24.78 0.73 0.00 | 27.09 1.04 0.00 | 29.60 1.20 0.00 | 30.11 1.31 0.00 | 31.06 1.33 0.00 | 29.90 1.54 0.00 | 39.03 1.79 -2.84 | 43.52 1.80 -0.14 | 44.17 2.07 0.00 | 59.63 3.02 -17.82 | 66.32 3.78 -23.08 | 244.82 4.39 -196.86 | 309.37 6.12 -245.63 | 267.14 7.18 -194.22 | 180.75 7.30 -102.58 | 266.79 4.13 -215.46 | 114.64 3.94 -65.29 | 72.83 2.79 -29.17 | 34.47 1.90 -2.31 | 96.81 2.50 -57.20 |
| PPL_SHRM_GT4 24214 | 27.12 1.44 0.00 | 26.29 1.31 0.00 | 28.18 0.91 0.00 | 25.65 0.79 0.00 | 24.78 0.73 0.00 | 27.09 1.04 0.00 | 29.60 1.20 0.00 | 30.11 1.31 0.00 | 31.06 1.33 0.00 | 29.90 1.54 0.00 | 39.03 1.79 -2.84 | 43.52 1.80 -0.14 | 44.17 2.07 0.00 | 59.63 3.02 -17.82 | 66.32 3.78 -23.08 | 244.82 4.39 -196.86 | 309.37 6.12 -245.63 | 267.14 7.18 -194.22 | 180.75 7.30 -102.58 | 266.79 4.13 -215.46 | 114.64 3.94 -65.29 | 72.83 2.79 -29.17 | 34.47 1.90 -2.31 | 96.81 2.50 -57.20 |
| PROJECT___ORANGE 1 24174 | 25.79 0.12 0.00 | 24.97 -0.02 0.00 | 27.12 -0.15 0.00 | 24.69 -0.17 0.00 | 23.95 -0.10 0.00 | 26.02 -0.03 0.00 | 28.53 0.13 0.00 | 28.99 0.18 0.00 | 29.92 0.20 0.00 | 28.53 0.17 0.00 | 34.67 0.27 0.00 | 41.77 0.20 0.00 | 42.37 0.27 0.00 | 39.09 0.29 0.00 | 39.89 0.44 0.00 | 44.07 0.51 0.00 | 58.18 0.56 0.02 | 65.90 0.43 0.27 | 69.95 0.26 1.18 | 47.38 0.18 0.00 | 45.62 0.21 0.00 | 40.78 -0.09 0.00 | 30.18 -0.08 0.00 | 36.98 -0.13 0.00 |
| PROJECT___ORANGE 2 24166 | 25.79 0.12 0.00 | 24.97 -0.02 0.00 | 27.12 -0.15 0.00 | 24.69 -0.17 0.00 | 23.95 -0.10 0.00 | 26.02 -0.03 0.00 | 28.53 0.13 0.00 | 28.99 0.18 0.00 | 29.92 0.20 0.00 | 28.53 0.17 0.00 | 34.67 0.27 0.00 | 41.77 0.20 0.00 | 42.37 0.27 0.00 | 39.09 0.29 0.00 | 39.89 0.44 0.00 | 44.07 0.51 0.00 | 58.18 0.56 0.02 | 65.90 0.43 0.27 | 69.95 0.26 1.18 | 47.38 0.18 0.00 | 45.62 0.21 0.00 | 40.78 -0.09 0.00 | 30.18 -0.08 0.00 | 36.98 -0.13 0.00 |
| PUCKETT___SOLAR 323809 | 26.39 0.72 0.00 | 25.38 0.39 0.00 | 27.72 0.45 0.00 | 25.11 0.25 0.00 | 24.37 0.32 0.00 | 26.58 0.53 0.00 | 29.12 0.71 0.00 | 29.83 1.03 0.00 | 30.75 1.03 0.00 | 29.39 1.04 0.00 | 35.91 1.51 0.00 | 43.07 1.50 0.00 | 43.74 1.65 0.00 | 40.46 1.67 0.00 | 41.50 1.97 -0.08 | 51.60 2.35 -5.68 | 65.49 3.05 -4.81 | 69.27 3.29 -0.23 | 74.65 3.24 -0.54 | 49.27 2.08 0.00 | 47.42 2.01 0.00 | 42.27 1.40 0.00 | 31.27 1.00 0.00 | 38.17 1.06 0.00 |
| PYRITES___HYD 24023 | 30.17 -0.33 -4.82 | 29.63 -0.18 -4.83 | 31.33 0.05 -4.01 | 30.23 0.10 -5.27 | 29.30 0.07 -5.17 | 30.94 -0.02 -4.91 | 30.00 0.07 -1.53 | 29.03 0.23 0.00 | 29.95 0.23 0.00 | 28.31 -0.04 0.00 | 34.25 -0.15 0.00 | 41.51 -0.06 0.00 | 41.91 -0.19 0.00 | 38.04 -0.75 0.00 | 37.49 -1.96 0.00 | 30.67 -2.33 10.57 | 54.47 -2.61 0.55 | 52.51 -2.88 10.36 | 23.66 -2.66 44.55 | 45.87 -1.33 0.00 | 44.36 -1.05 0.00 | 41.35 0.48 0.00 | 30.56 0.30 0.00 | 37.38 0.26 0.00 |
| QUAKERRD_115KV_BK1 80622 | 25.46 -0.21 0.00 | 24.45 -0.54 0.00 | 26.47 -0.80 0.00 | 24.00 -0.86 0.00 | 23.31 -0.75 0.00 | 25.38 -0.66 0.00 | 28.07 -0.33 0.00 | 28.61 -0.19 0.00 | 29.50 -0.22 0.00 | 27.97 -0.38 0.00 | 34.29 -0.11 0.00 | 41.09 -0.48 0.00 | 41.86 -0.24 0.00 | 38.33 -0.46 0.00 | 38.91 -0.48 0.06 | 38.60 -0.64 4.33 | 52.67 -0.90 4.06 | 64.07 -1.48 0.20 | 68.35 -2.06 0.46 | 46.00 -1.20 0.00 | 44.44 -0.97 0.00 | 39.85 -1.02 0.00 | 29.49 -0.78 0.00 | 36.01 -1.11 0.00 |
| QUENSBRY_115KV_TB8 356137 | 27.93 2.26 0.00 | 27.09 2.10 0.00 | 29.47 2.20 0.00 | 26.83 1.97 0.00 | 26.05 1.99 0.00 | 28.51 2.46 0.00 | 31.12 2.71 0.00 | 31.39 2.58 0.00 | 32.17 2.45 0.00 | 30.57 2.22 0.00 | 33.84 2.37 2.94 | 44.67 3.24 0.15 | 45.00 2.91 0.00 | 41.64 2.84 0.00 | 42.57 3.12 0.00 | 47.38 3.81 0.00 | 62.34 4.70 0.00 | 71.52 5.77 0.00 | 78.04 7.17 0.00 | 52.02 4.82 0.00 | 50.13 4.73 0.00 | 44.54 3.67 0.00 | 32.93 2.67 0.00 | 40.34 3.23 0.00 |
| RAMAPO___LBMP 323565 | 26.88 1.21 0.00 | 26.04 1.06 0.00 | 28.16 0.88 0.00 | 25.57 0.72 0.00 | 24.76 0.71 0.00 | 26.97 0.92 0.00 | 29.44 1.04 0.00 | 29.88 1.08 0.00 | 30.83 1.10 0.00 | 29.66 1.31 0.00 | 38.62 1.63 -2.59 | 43.65 1.95 -0.13 | 44.04 1.95 0.00 | 41.17 2.37 0.00 | 42.34 2.89 0.00 | 47.01 3.44 0.00 | 62.36 4.72 0.00 | 70.95 5.20 0.00 | 76.18 5.31 0.00 | 50.44 3.24 0.00 | 48.25 2.84 0.00 | 42.76 1.89 0.00 | 31.67 1.41 0.00 | 38.94 1.82 0.00 |
| RANKINE____ 23646 | 25.91 0.24 0.00 | 24.65 -0.34 0.00 | 26.58 -0.69 0.00 | 23.97 -0.88 0.00 | 23.36 -0.69 0.00 | 25.53 -0.52 0.00 | 28.55 0.14 0.00 | 29.22 0.41 0.00 | 30.19 0.47 0.00 | 28.42 0.07 0.00 | 35.16 0.76 0.00 | 41.96 0.39 0.00 | 43.16 1.07 0.00 | 39.30 0.50 0.00 | 40.67 0.39 -0.83 | 103.50 0.06 -59.87 | 106.80 0.06 -49.11 | 67.23 -0.92 -2.40 | 74.63 -1.76 -5.53 | 46.44 -0.75 0.00 | 45.12 -0.29 0.00 | 40.48 -0.39 0.00 | 29.98 -0.28 0.00 | 36.58 -0.54 0.00 |
| RAVENSWOOD_GT2_1 24244 | 27.23 1.56 0.00 | 26.38 1.39 0.00 | 28.50 1.23 0.00 | 25.90 1.05 0.00 | 25.06 1.01 0.00 | 27.33 1.28 0.00 | 29.82 1.41 0.00 | 30.28 1.48 0.00 | 31.29 1.57 0.00 | 30.13 1.77 0.00 | 39.46 2.21 -2.84 | 44.29 2.58 -0.14 | 44.57 2.48 0.00 | 41.68 2.89 0.00 | 42.91 3.46 0.00 | 47.62 4.05 0.00 | 63.18 5.54 0.00 | 71.87 6.13 0.00 | 77.11 6.25 0.00 | 51.06 3.86 0.00 | 48.83 3.42 0.00 | 43.28 2.41 0.00 | 32.10 1.84 0.00 | 39.52 2.40 0.00 |

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| RAVENSWOOD_GT2_2 24245 | 27.23 1.56 0.00 | 26.38 1.39 0.00 | 28.50 1.23 0.00 | 25.90 1.05 0.00 | 25.06 1.01 0.00 | 27.33 1.28 0.00 | 29.82 1.41 0.00 | 30.28 1.48 0.00 | 31.29 1.57 0.00 | 30.13 1.77 0.00 | 39.46 2.21 -2.84 | 44.29 2.58 -0.14 | 44.57 2.48 0.00 | 41.68 2.89 0.00 | 42.91 3.46 0.00 | 47.62 4.05 0.00 | 63.18 5.54 0.00 | 71.87 6.13 0.00 | 77.11 6.25 0.00 | 51.06 3.86 0.00 | 48.83 3.42 0.00 | 43.28 2.41 0.00 | 32.10 1.84 0.00 | 39.52 2.40 0.00 |
| RAVENSWOOD_GT2_3 24246 | 27.25 1.58 0.00 | 26.40 1.41 0.00 | 28.52 1.25 0.00 | 25.91 1.05 0.00 | 25.08 1.03 0.00 | 27.35 1.29 0.00 | 29.84 1.44 0.00 | 30.30 1.50 0.00 | 31.32 1.59 0.00 | 30.15 1.80 0.00 | 39.48 2.24 -2.84 | 44.32 2.61 -0.14 | 44.61 2.51 0.00 | 41.72 2.92 0.00 | 42.94 3.49 0.00 | 47.66 4.09 0.00 | 63.23 5.60 0.00 | 71.94 6.19 0.00 | 77.17 6.30 0.00 | 51.10 3.90 0.00 | 48.86 3.45 0.00 | 43.32 2.45 0.00 | 32.13 1.86 0.00 | 39.54 2.43 0.00 |
| RAVENSWOOD_GT2_4 24247 | 27.25 1.58 0.00 | 26.40 1.41 0.00 | 28.52 1.25 0.00 | 25.91 1.05 0.00 | 25.08 1.03 0.00 | 27.35 1.29 0.00 | 29.84 1.44 0.00 | 30.30 1.50 0.00 | 31.32 1.59 0.00 | 30.15 1.80 0.00 | 39.48 2.24 -2.84 | 44.32 2.61 -0.14 | 44.61 2.51 0.00 | 41.72 2.92 0.00 | 42.94 3.49 0.00 | 47.66 4.09 0.00 | 63.23 5.60 0.00 | 71.94 6.19 0.00 | 77.17 6.30 0.00 | 51.10 3.90 0.00 | 48.86 3.45 0.00 | 43.32 2.45 0.00 | 32.13 1.86 0.00 | 39.54 2.43 0.00 |
| RAVENSWOOD_GT3_1 24248 | 27.23 1.56 0.00 | 26.38 1.39 0.00 | 28.50 1.23 0.00 | 25.91 1.05 0.00 | 25.06 1.01 0.00 | 27.33 1.28 0.00 | 29.82 1.41 0.00 | 30.28 1.48 0.00 | 31.29 1.57 0.00 | 30.13 1.77 0.00 | 39.46 2.21 -2.84 | 44.29 2.58 -0.14 | 44.57 2.48 0.00 | 41.69 2.89 0.00 | 42.91 3.46 0.00 | 47.62 4.05 0.00 | 63.18 5.55 0.00 | 71.88 6.13 0.00 | 77.11 6.25 0.00 | 51.06 3.87 0.00 | 48.83 3.42 0.00 | 43.28 2.41 0.00 | 32.10 1.84 0.00 | 39.52 2.40 0.00 |
| RAVENSWOOD_GT3_2 24249 | 27.23 1.56 0.00 | 26.38 1.39 0.00 | 28.50 1.23 0.00 | 25.91 1.05 0.00 | 25.06 1.01 0.00 | 27.33 1.28 0.00 | 29.82 1.41 0.00 | 30.28 1.48 0.00 | 31.29 1.57 0.00 | 30.13 1.77 0.00 | 39.46 2.21 -2.84 | 44.29 2.58 -0.14 | 44.57 2.48 0.00 | 41.69 2.89 0.00 | 42.91 3.46 0.00 | 47.62 4.05 0.00 | 63.18 5.55 0.00 | 71.88 6.13 0.00 | 77.11 6.25 0.00 | 51.06 3.87 0.00 | 48.83 3.42 0.00 | 43.28 2.41 0.00 | 32.10 1.84 0.00 | 39.52 2.40 0.00 |
| RAVENSWOOD_GT3_3 24250 | 27.28 1.61 0.00 | 26.43 1.44 0.00 | 28.55 1.28 0.00 | 25.95 1.09 0.00 | 25.11 1.05 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.36 1.64 0.00 | 30.20 1.85 0.00 | 39.54 2.30 -2.84 | 44.39 2.68 -0.14 | 44.69 2.60 0.00 | 41.79 3.00 0.00 | 43.01 3.56 0.00 | 47.74 4.18 0.00 | 63.35 5.71 0.00 | 72.07 6.32 0.00 | 77.31 6.44 0.00 | 51.19 4.00 0.00 | 48.95 3.54 0.00 | 43.39 2.52 0.00 | 32.18 1.91 0.00 | 39.61 2.49 0.00 |
| RAVENSWOOD_GT3_4 24251 | 27.28 1.61 0.00 | 26.43 1.44 0.00 | 28.55 1.28 0.00 | 25.95 1.09 0.00 | 25.11 1.05 0.00 | 27.38 1.33 0.00 | 29.88 1.47 0.00 | 30.35 1.54 0.00 | 31.36 1.64 0.00 | 30.20 1.85 0.00 | 39.54 2.30 -2.84 | 44.39 2.68 -0.14 | 44.69 2.60 0.00 | 41.79 3.00 0.00 | 43.01 3.56 0.00 | 47.74 4.18 0.00 | 63.35 5.71 0.00 | 72.07 6.32 0.00 | 77.31 6.44 0.00 | 51.19 4.00 0.00 | 48.95 3.54 0.00 | 43.39 2.52 0.00 | 32.18 1.91 0.00 | 39.61 2.49 0.00 |
| RAVENSWOOD_GT_1 23729 | 28.69 1.66 -1.36 | 26.47 1.48 0.00 | 28.59 1.31 0.00 | 25.98 1.12 0.00 | 25.14 1.09 0.00 | 27.41 1.36 0.00 | 29.92 1.52 0.00 | 30.40 1.59 0.00 | 31.43 1.71 0.00 | 30.26 1.91 0.00 | 39.61 2.37 -2.85 | 44.38 2.67 -0.14 | 44.62 2.53 0.00 | 41.70 2.91 0.00 | 42.92 3.47 0.00 | 47.62 4.05 0.00 | 63.23 5.59 0.00 | 71.88 6.13 0.00 | 77.08 6.21 0.00 | 51.03 3.83 0.00 | 48.78 3.37 0.00 | 43.27 2.40 0.00 | 32.56 1.83 -0.46 | 41.31 2.50 -1.69 |
| RAVENSWOOD_GT_10 24258 | 27.23 1.56 0.00 | 26.38 1.39 0.00 | 28.50 1.23 0.00 | 25.90 1.04 0.00 | 25.06 1.01 0.00 | 27.33 1.28 0.00 | 29.82 1.41 0.00 | 30.28 1.47 0.00 | 31.29 1.57 0.00 | 30.13 1.77 0.00 | 39.45 2.21 -2.84 | 44.29 2.58 -0.14 | 44.58 2.49 0.00 | 41.69 2.89 0.00 | 42.91 3.46 0.00 | 47.62 4.05 0.00 | 63.19 5.56 0.00 | 71.89 6.14 0.00 | 77.13 6.26 0.00 | 51.09 3.89 0.00 | 48.84 3.43 0.00 | 43.28 2.41 0.00 | 32.10 1.84 0.00 | 39.52 2.40 0.00 |
| RAVENSWOOD_GT_11 24259 | 27.23 1.56 0.00 | 26.38 1.39 0.00 | 28.50 1.23 0.00 | 25.90 1.04 0.00 | 25.06 1.01 0.00 | 27.33 1.28 0.00 | 29.82 1.41 0.00 | 30.28 1.47 0.00 | 31.29 1.57 0.00 | 30.13 1.77 0.00 | 39.45 2.21 -2.84 | 44.29 2.58 -0.14 | 44.58 2.49 0.00 | 41.69 2.89 0.00 | 42.91 3.46 0.00 | 47.62 4.05 0.00 | 63.19 5.56 0.00 | 71.89 6.14 0.00 | 77.13 6.26 0.00 | 51.09 3.89 0.00 | 48.84 3.43 0.00 | 43.28 2.41 0.00 | 32.10 1.84 0.00 | 39.52 2.40 0.00 |
| RAVENSWOOD_GT_4 24252 | 28.26 1.56 -1.03 | 26.37 1.38 0.00 | 28.50 1.23 0.00 | 25.90 1.04 0.00 | 25.06 1.00 0.00 | 27.32 1.27 0.00 | 29.81 1.41 0.00 | 30.27 1.47 0.00 | 31.28 1.56 0.00 | 30.12 1.76 0.00 | 39.44 2.19 -2.84 | 44.30 2.59 -0.14 | 44.60 2.51 0.00 | 41.71 2.91 0.00 | 42.93 3.47 0.00 | 47.65 4.08 0.00 | 63.22 5.58 0.00 | 71.94 6.19 0.00 | 77.17 6.30 0.00 | 51.10 3.90 0.00 | 48.87 3.46 0.00 | 43.32 2.45 0.00 | 32.48 1.86 -0.35 | 40.39 2.40 -0.87 |
| RAVENSWOOD_GT_5 24254 | 28.26 1.56 -1.03 | 26.37 1.38 0.00 | 28.50 1.23 0.00 | 25.90 1.04 0.00 | 25.06 1.00 0.00 | 27.32 1.27 0.00 | 29.81 1.41 0.00 | 30.27 1.47 0.00 | 31.28 1.56 0.00 | 30.12 1.76 0.00 | 39.44 2.19 -2.84 | 44.30 2.59 -0.14 | 44.60 2.51 0.00 | 41.71 2.91 0.00 | 42.93 3.47 0.00 | 47.65 4.08 0.00 | 63.22 5.58 0.00 | 71.94 6.19 0.00 | 77.17 6.30 0.00 | 51.10 3.90 0.00 | 48.87 3.46 0.00 | 43.32 2.45 0.00 | 32.48 1.86 -0.35 | 40.39 2.40 -0.87 |
| RAVENSWOOD_GT_6 24253 | 28.26 1.56 -1.03 | 26.37 1.38 0.00 | 28.50 1.23 0.00 | 25.90 1.04 0.00 | 25.06 1.00 0.00 | 27.32 1.27 0.00 | 29.81 1.41 0.00 | 30.27 1.47 0.00 | 31.28 1.56 0.00 | 30.12 1.76 0.00 | 39.44 2.19 -2.84 | 44.30 2.59 -0.14 | 44.60 2.51 0.00 | 41.71 2.91 0.00 | 42.93 3.47 0.00 | 47.65 4.08 0.00 | 63.22 5.58 0.00 | 71.94 6.19 0.00 | 77.17 6.30 0.00 | 51.10 3.90 0.00 | 48.87 3.46 0.00 | 43.32 2.45 0.00 | 32.48 1.86 -0.35 | 40.39 2.40 -0.87 |
| RAVENSWOOD_GT_7 24255 | 28.26 1.56 -1.03 | 26.37 1.38 0.00 | 28.50 1.23 0.00 | 25.90 1.04 0.00 | 25.06 1.00 0.00 | 27.32 1.27 0.00 | 29.81 1.41 0.00 | 30.27 1.47 0.00 | 31.28 1.56 0.00 | 30.12 1.76 0.00 | 39.44 2.19 -2.84 | 44.30 2.59 -0.14 | 44.60 2.51 0.00 | 41.71 2.91 0.00 | 42.93 3.47 0.00 | 47.65 4.08 0.00 | 63.22 5.58 0.00 | 71.94 6.19 0.00 | 77.17 6.30 0.00 | 51.10 3.90 0.00 | 48.87 3.46 0.00 | 43.32 2.45 0.00 | 32.48 1.86 -0.35 | 40.39 2.40 -0.87 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 27.23 1.56 0.00 | 26.38 1.39 0.00 | 28.50 1.23 0.00 | 25.90 1.04 0.00 | 25.06 1.01 0.00 | 27.33 1.28 0.00 | 29.82 1.41 0.00 | 30.28 1.47 0.00 | 31.29 1.57 0.00 | 30.13 1.77 0.00 | 39.45 2.21 -2.84 | 44.29 2.58 -0.14 | 44.58 2.49 0.00 | 41.69 2.89 0.00 | 42.91 3.46 0.00 | 47.62 4.05 0.00 | 63.19 5.56 0.00 | 71.89 6.14 0.00 | 77.13 6.26 0.00 | 51.09 3.89 0.00 | 48.84 3.43 0.00 | 43.28 2.41 0.00 | 32.10 1.84 0.00 | 39.52 2.40 0.00 |

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| RAVENSWOOD_GT_9 24257 | 27.23 1.56 0.00 | 26.38 1.39 0.00 | 28.50 1.23 0.00 | 25.90 1.04 0.00 | 25.06 1.01 0.00 | 27.33 1.28 0.00 | 29.82 1.41 0.00 | 30.28 1.47 0.00 | 31.29 1.57 0.00 | 30.13 1.77 0.00 | 39.45 2.21 -2.84 | 44.29 2.58 -0.14 | 44.58 2.49 0.00 | 41.69 2.89 0.00 | 42.91 3.46 0.00 | 47.62 4.05 0.00 | 63.19 5.56 0.00 | 71.89 6.14 0.00 | 77.13 6.26 0.00 | 51.09 3.89 0.00 | 48.84 3.43 0.00 | 43.28 2.41 0.00 | 32.10 1.84 0.00 | 39.52 2.40 0.00 |
| RAVENSWOOD___1 23533 | 27.31 1.64 0.00 | 26.45 1.47 0.00 | 28.57 1.30 0.00 | 25.96 1.10 0.00 | 25.12 1.07 0.00 | 27.39 1.34 0.00 | 29.90 1.50 0.00 | 30.37 1.57 0.00 | 31.40 1.68 0.00 | 30.24 1.89 0.00 | 39.59 2.34 -2.85 | 44.34 2.63 -0.14 | 44.58 2.49 0.00 | 41.68 2.88 0.00 | 42.87 3.42 0.00 | 47.57 4.00 0.00 | 63.17 5.53 0.00 | 71.81 6.06 0.00 | 77.03 6.16 0.00 | 51.00 3.81 0.00 | 48.75 3.34 0.00 | 43.24 2.37 0.00 | 32.08 1.82 0.00 | 40.01 2.48 -0.41 |
| RAVENSWOOD___2 23534 | 27.26 1.58 0.00 | 26.39 1.40 0.00 | 28.50 1.23 0.00 | 25.91 1.05 0.00 | 25.07 1.02 0.00 | 27.33 1.28 0.00 | 29.83 1.43 0.00 | 30.30 1.50 0.00 | 31.32 1.60 0.00 | 30.17 1.82 0.00 | 39.48 2.23 -2.85 | 44.09 2.38 -0.14 | 44.21 2.12 0.00 | 41.33 2.53 0.00 | 42.51 3.06 0.00 | 47.18 3.61 0.00 | 62.65 5.01 0.00 | 71.24 5.50 0.00 | 76.41 5.55 0.00 | 50.59 3.39 0.00 | 48.35 2.94 0.00 | 42.89 2.02 0.00 | 31.82 1.55 0.00 | 39.81 2.29 -0.41 |
| RAVENSWOOD___3 23535 | 27.24 1.57 0.00 | 26.38 1.39 0.00 | 28.51 1.23 0.00 | 25.91 1.05 0.00 | 25.06 1.01 0.00 | 27.33 1.28 0.00 | 29.83 1.42 0.00 | 30.28 1.48 0.00 | 31.29 1.57 0.00 | 30.13 1.78 0.00 | 39.47 2.22 -2.84 | 44.29 2.58 -0.14 | 44.58 2.48 0.00 | 41.69 2.89 0.00 | 42.90 3.45 0.00 | 47.60 4.03 0.00 | 63.17 5.54 0.00 | 71.87 6.12 0.00 | 77.10 6.24 0.00 | 51.07 3.87 0.00 | 48.83 3.42 0.00 | 43.28 2.42 0.00 | 32.11 1.84 0.00 | 39.52 2.40 0.00 |
| RAVENSWOOD___4 23820 | 25.96 1.62 1.33 | 26.43 1.44 0.00 | 28.55 1.28 0.00 | 25.95 1.09 0.00 | 25.11 1.05 0.00 | 27.38 1.33 0.00 | 29.88 1.48 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.86 0.00 | 39.56 2.31 -2.85 | 44.30 2.59 -0.14 | 44.54 2.45 0.00 | 41.65 2.85 0.00 | 42.84 3.39 0.00 | 47.53 3.97 0.00 | 63.12 5.48 0.00 | 71.77 6.03 0.00 | 76.98 6.11 0.00 | 50.96 3.76 0.00 | 48.72 3.31 0.00 | 43.22 2.35 0.00 | 31.60 1.79 0.46 | 38.44 2.46 1.13 |
| RCPI_TRUST___DRP 24196 | 27.23 1.55 0.00 | 26.37 1.38 0.00 | 28.50 1.22 0.00 | 25.88 1.02 0.00 | 25.03 0.98 0.00 | 27.31 1.26 0.00 | 29.80 1.40 0.00 | 30.27 1.46 0.00 | 31.30 1.58 0.00 | 30.13 1.78 0.00 | 39.47 2.23 -2.84 | 44.34 2.62 -0.14 | 44.65 2.55 0.00 | 41.76 2.97 0.00 | 43.01 3.56 0.00 | 47.74 4.17 0.00 | 63.33 5.70 0.00 | 72.05 6.30 0.00 | 77.24 6.37 0.00 | 51.14 3.94 0.00 | 48.88 3.48 0.00 | 43.31 2.44 0.00 | 32.11 1.85 0.00 | 39.49 2.37 0.00 |
| RED___ROCHESTER 323720 | 26.27 0.59 0.00 | 25.16 0.18 0.00 | 27.21 -0.06 0.00 | 24.64 -0.22 0.00 | 23.94 -0.12 0.00 | 26.10 0.05 0.00 | 28.92 0.52 0.00 | 29.48 0.68 0.00 | 30.39 0.67 0.00 | 28.76 0.41 0.00 | 35.35 0.95 0.00 | 42.31 0.74 0.00 | 43.16 1.07 0.00 | 39.48 0.68 0.00 | 40.14 0.74 0.05 | 40.26 0.76 4.07 | 54.23 0.84 4.24 | 69.40 0.32 -3.34 | 70.84 -0.23 -0.20 | 47.29 0.09 0.00 | 45.72 0.31 0.00 | 40.99 0.12 0.00 | 30.32 0.06 0.00 | 36.98 -0.13 0.00 |
| REGAN___SOLAR 323812 | 27.39 1.72 0.00 | 26.57 1.58 0.00 | 28.93 1.66 0.00 | 26.37 1.51 0.00 | 25.54 1.49 0.00 | 27.78 1.73 0.00 | 30.40 2.00 0.00 | 30.93 2.13 0.00 | 31.86 2.14 0.00 | 29.88 1.53 0.00 | 34.01 1.45 1.84 | 43.02 1.54 0.09 | 43.06 0.97 0.00 | 39.62 0.82 0.00 | 40.59 1.13 0.00 | 45.23 1.66 0.00 | 59.95 2.32 0.00 | 69.89 4.14 0.00 | 76.84 5.97 0.00 | 51.19 3.99 0.00 | 49.22 3.81 0.00 | 44.05 3.19 0.00 | 32.52 2.26 0.00 | 39.75 2.63 0.00 |
| RENSSELAER___COGEN 23796 | 25.91 0.24 0.00 | 25.23 0.24 0.00 | 27.52 0.25 0.00 | 25.09 0.23 0.00 | 24.28 0.23 0.00 | 26.40 0.35 0.00 | 28.64 0.24 0.00 | 28.92 0.11 0.00 | 29.84 0.11 0.00 | 28.50 0.14 0.00 | 31.85 0.06 2.61 | 41.53 0.09 0.13 | 42.12 0.02 0.00 | 39.16 0.37 0.00 | 40.14 0.69 0.00 | 44.31 0.75 0.00 | 58.47 0.83 0.00 | 66.85 1.10 0.00 | 72.17 1.31 0.00 | 48.07 0.87 0.00 | 46.23 0.82 0.00 | 41.15 0.28 0.00 | 30.50 0.24 0.00 | 37.45 0.33 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 29.30 3.63 0.00 | 28.36 3.38 0.00 | 30.79 3.52 0.00 | 27.96 3.11 0.00 | 27.20 3.15 0.00 | 30.06 4.01 0.00 | 33.02 4.61 0.00 | 32.95 4.15 0.00 | 33.29 3.57 0.00 | 31.71 3.36 0.00 | 35.13 3.66 2.94 | 46.93 5.51 0.15 | 46.66 4.57 0.00 | 43.06 4.27 0.00 | 43.96 4.51 0.00 | 49.43 5.87 0.00 | 65.09 7.45 0.00 | 74.81 9.06 0.00 | 82.03 11.17 0.00 | 54.86 7.66 0.00 | 52.95 7.55 0.00 | 46.57 5.70 0.00 | 34.57 4.30 0.00 | 42.41 5.29 0.00 |
| REVERE_CPPR_DRP 24186 | 26.48 0.80 0.00 | 25.69 0.71 0.00 | 27.99 0.72 0.00 | 25.58 0.73 0.00 | 24.86 0.80 0.00 | 27.05 1.00 0.00 | 29.70 1.30 0.00 | 30.18 1.38 0.00 | 31.18 1.46 0.00 | 29.63 1.28 0.00 | 36.00 1.60 0.00 | 43.32 1.75 0.00 | 43.84 1.74 0.00 | 40.44 1.64 0.00 | 41.17 1.72 0.00 | 45.31 2.11 0.37 | 60.51 2.92 0.05 | 68.29 3.38 0.84 | 71.01 3.75 3.61 | 49.68 2.48 0.00 | 47.91 2.50 0.00 | 42.77 1.90 0.00 | 31.55 1.29 0.00 | 38.56 1.44 0.00 |
| REYNOLDS_115KV_TB3 80639 | 26.16 0.48 0.00 | 25.48 0.49 0.00 | 27.80 0.52 0.00 | 25.34 0.48 0.00 | 24.53 0.47 0.00 | 26.67 0.62 0.00 | 28.89 0.48 0.00 | 29.16 0.35 0.00 | 30.06 0.34 0.00 | 28.70 0.34 0.00 | 31.54 0.27 3.13 | 41.78 0.36 0.16 | 42.36 0.27 0.00 | 39.41 0.61 0.00 | 40.40 0.95 0.00 | 44.60 1.04 0.00 | 58.80 1.17 0.00 | 67.23 1.48 0.00 | 72.60 1.73 0.00 | 48.38 1.19 0.00 | 46.55 1.14 0.00 | 41.41 0.54 0.00 | 30.68 0.41 0.00 | 37.69 0.57 0.00 |
| RIVERBAY____ 323610 | 27.42 1.75 0.00 | 26.59 1.60 0.00 | 28.75 1.48 0.00 | 26.18 1.32 0.00 | 25.36 1.31 0.00 | 27.63 1.58 0.00 | 30.20 1.80 0.00 | 30.63 1.83 0.00 | 31.62 1.90 0.00 | 30.45 2.10 0.00 | 39.73 2.49 -2.85 | 44.53 2.82 -0.14 | 45.03 2.93 0.00 | 42.13 3.33 0.00 | 43.30 3.85 0.00 | 48.13 4.56 0.00 | 63.97 6.34 0.00 | 72.69 6.95 0.00 | 78.15 7.28 0.00 | 51.73 4.53 0.00 | 49.50 4.09 -0.01 | 43.92 3.05 -0.01 | 32.62 2.36 -0.01 | 40.17 3.05 0.00 |
| RIVERSDE_115KV_TB3 55908 | 26.04 0.36 0.00 | 25.35 0.37 0.00 | 27.66 0.38 0.00 | 25.20 0.34 0.00 | 24.39 0.34 0.00 | 26.53 0.48 0.00 | 28.78 0.37 0.00 | 29.06 0.25 0.00 | 29.98 0.26 0.00 | 28.63 0.27 0.00 | 31.90 0.23 2.73 | 41.76 0.34 0.14 | 42.36 0.26 0.00 | 39.40 0.60 0.00 | 40.38 0.93 0.00 | 44.59 1.02 0.00 | 58.81 1.17 0.00 | 67.22 1.48 0.00 | 72.55 1.69 0.00 | 48.33 1.14 0.00 | 46.48 1.07 0.00 | 41.35 0.48 0.00 | 30.63 0.37 0.00 | 37.61 0.50 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 24.60 -1.07 0.00 | 24.17 -0.82 0.00 | 26.57 -0.70 0.00 | 24.35 -0.51 0.00 | 23.73 -0.33 0.00 | 25.75 -0.30 0.00 | 28.09 -0.31 0.00 | 28.52 -0.28 0.00 | 29.46 -0.26 0.00 | 28.11 -0.24 0.00 | 34.11 -0.29 0.00 | 41.34 -0.23 0.00 | 41.86 -0.24 0.00 | 38.36 -0.44 0.00 | 38.74 -0.71 0.00 | 23.24 -0.84 19.49 | 56.65 -1.01 -0.03 | 65.08 -1.12 -0.46 | 71.74 -1.11 -1.98 | 46.50 -0.69 0.00 | 44.66 -0.75 0.00 | 40.45 -0.42 0.00 | 29.94 -0.33 0.00 | 36.74 -0.37 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|----------------------------|----------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 25.87 0.19 0.00 | 24.80 -0.19 0.00 | 26.84 -0.44 0.00 | 24.30 -0.56 0.00 | 23.61 -0.45 0.00 | 25.74 -0.31 0.00 | 28.51 0.10 0.00 | 29.06 0.26 0.00 | 29.96 0.24 0.00 | 28.35 0.00 0.00 | 34.84 0.44 0.00 | 41.68 0.11 0.00 | 42.53 0.44 0.00 | 38.90 0.10 0.00 | 39.46 0.07 0.06 | 38.58 -0.06 4.93 | 52.76 -0.11 4.77 | 67.51 -0.69 -2.46 | 69.56 -1.28 0.02 | 46.58 -0.61 0.00 | 45.06 -0.35 0.00 | 40.44 -0.43 0.00 | 29.94 -0.32 0.00 | 36.55 -0.56 0.00 |
| ROCHESTER_9_IC 23652 | 26.08 0.40 0.00 | 24.99 0.00 0.00 | 27.04 -0.24 0.00 | 24.48 -0.38 0.00 | 23.78 -0.27 0.00 | 25.93 -0.12 0.00 | 28.73 0.32 0.00 | 29.29 0.48 0.00 | 30.20 0.48 0.00 | 28.57 0.22 0.00 | 35.12 0.72 0.00 | 42.02 0.45 0.00 | 42.87 0.77 0.00 | 39.21 0.41 0.00 | 39.80 0.40 0.05 | 39.81 0.31 4.07 | 53.77 0.37 4.24 | 68.92 -0.16 -3.34 | 70.34 -0.73 -0.20 | 46.95 -0.25 0.00 | 45.40 0.00 0.00 | 40.73 -0.14 0.00 | 30.13 -0.13 0.00 | 36.78 -0.34 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 27.23 1.56 0.00 | 26.39 1.41 0.00 | 28.51 1.24 0.00 | 25.93 1.07 0.00 | 25.09 1.03 0.00 | 27.34 1.29 0.00 | 29.84 1.43 0.00 | 30.28 1.48 0.00 | 31.29 1.57 0.00 | 30.11 1.75 0.00 | 39.43 2.19 -2.84 | 44.31 2.60 -0.14 | 44.68 2.59 0.00 | 41.77 2.97 0.00 | 43.00 3.55 0.00 | 47.73 4.17 0.00 | 63.33 5.70 0.00 | 72.10 6.35 0.00 | 77.33 6.47 0.00 | 51.24 4.04 0.00 | 49.00 3.59 0.00 | 43.41 2.54 0.00 | 32.19 1.92 0.00 | 39.59 2.47 0.00 |
| ROME____115KV_TB2 80656 | 26.48 0.80 0.00 | 25.69 0.71 0.00 | 27.99 0.72 0.00 | 25.58 0.73 0.00 | 24.86 0.80 0.00 | 27.05 1.00 0.00 | 29.70 1.30 0.00 | 30.18 1.38 0.00 | 31.18 1.46 0.00 | 29.63 1.28 0.00 | 36.00 1.60 0.00 | 43.32 1.75 0.00 | 43.84 1.74 0.00 | 40.44 1.64 0.00 | 41.17 1.72 0.00 | 45.31 2.11 0.37 | 60.51 2.92 0.05 | 68.29 3.38 0.84 | 71.01 3.75 3.61 | 49.68 2.48 0.00 | 47.91 2.50 0.00 | 42.77 1.90 0.00 | 31.55 1.29 0.00 | 38.56 1.44 0.00 |
| ROSETON___1 23587 | 26.75 1.07 0.00 | 25.93 0.94 0.00 | 28.10 0.82 0.00 | 25.55 0.69 0.00 | 24.73 0.67 0.00 | 26.94 0.89 0.00 | 29.37 0.96 0.00 | 29.77 0.96 0.00 | 30.71 0.98 0.00 | 29.49 1.13 0.00 | 38.38 1.36 -2.61 | 43.29 1.58 -0.13 | 43.65 1.56 0.00 | 40.79 1.99 0.00 | 41.90 2.45 0.00 | 46.46 2.89 0.00 | 61.56 3.93 0.00 | 70.14 4.40 0.00 | 75.38 4.52 0.00 | 50.02 2.83 0.00 | 47.90 2.49 0.00 | 42.48 1.61 0.00 | 31.50 1.24 0.00 | 38.77 1.65 0.00 |
| ROSETON___2 23588 | 26.75 1.07 0.00 | 25.93 0.94 0.00 | 28.10 0.82 0.00 | 25.55 0.69 0.00 | 24.73 0.67 0.00 | 26.94 0.89 0.00 | 29.37 0.96 0.00 | 29.77 0.96 0.00 | 30.71 0.98 0.00 | 29.49 1.13 0.00 | 38.38 1.36 -2.61 | 43.29 1.58 -0.13 | 43.65 1.56 0.00 | 40.79 1.99 0.00 | 41.90 2.45 0.00 | 46.46 2.89 0.00 | 61.56 3.93 0.00 | 70.14 4.40 0.00 | 75.38 4.52 0.00 | 50.02 2.83 0.00 | 47.90 2.49 0.00 | 42.48 1.61 0.00 | 31.50 1.24 0.00 | 38.77 1.65 0.00 |
| ROTTRDAM_115KV_TB3 80664 | 26.40 0.72 0.00 | 25.67 0.68 0.00 | 27.97 0.70 0.00 | 25.48 0.62 0.00 | 24.67 0.62 0.00 | 26.82 0.77 0.00 | 29.20 0.79 0.00 | 29.53 0.72 0.00 | 30.44 0.72 0.00 | 29.02 0.67 0.00 | 33.05 0.73 2.08 | 42.34 0.88 0.11 | 42.92 0.82 0.00 | 39.76 0.96 0.00 | 40.66 1.21 0.00 | 44.99 1.42 0.00 | 59.49 1.85 0.00 | 68.01 2.26 0.00 | 73.41 2.55 0.00 | 48.91 1.71 0.00 | 47.03 1.62 0.00 | 41.99 1.12 0.00 | 31.07 0.80 0.00 | 38.12 1.00 0.00 |
| RUSSELL___1 23602 | 26.26 0.59 0.00 | 25.16 0.17 0.00 | 27.21 -0.06 0.00 | 24.64 -0.22 0.00 | 23.94 -0.12 0.00 | 26.10 0.05 0.00 | 28.92 0.52 0.00 | 29.48 0.67 0.00 | 30.39 0.67 0.00 | 28.76 0.41 0.00 | 35.36 0.96 0.00 | 42.32 0.75 0.00 | 43.16 1.07 0.00 | 39.47 0.68 0.00 | 40.08 0.68 0.05 | 40.15 0.65 4.07 | 54.19 0.79 4.24 | 69.38 0.30 -3.34 | 70.82 -0.25 -0.20 | 47.28 0.08 0.00 | 45.72 0.31 0.00 | 40.99 0.12 0.00 | 30.32 0.06 0.00 | 36.98 -0.14 0.00 |
| RUSSELL___2 23532 | 26.26 0.59 0.00 | 25.16 0.17 0.00 | 27.21 -0.06 0.00 | 24.64 -0.22 0.00 | 23.94 -0.12 0.00 | 26.10 0.05 0.00 | 28.92 0.52 0.00 | 29.48 0.67 0.00 | 30.39 0.67 0.00 | 28.76 0.41 0.00 | 35.36 0.96 0.00 | 42.32 0.75 0.00 | 43.16 1.07 0.00 | 39.47 0.68 0.00 | 40.08 0.68 0.05 | 40.15 0.65 4.07 | 54.19 0.79 4.24 | 69.38 0.30 -3.34 | 70.82 -0.25 -0.20 | 47.28 0.08 0.00 | 45.72 0.31 0.00 | 40.99 0.12 0.00 | 30.32 0.06 0.00 | 36.98 -0.14 0.00 |
| RUSSELL___3 23549 | 26.26 0.59 0.00 | 25.16 0.17 0.00 | 27.21 -0.06 0.00 | 24.64 -0.22 0.00 | 23.94 -0.12 0.00 | 26.10 0.05 0.00 | 28.92 0.52 0.00 | 29.48 0.67 0.00 | 30.39 0.67 0.00 | 28.76 0.41 0.00 | 35.36 0.96 0.00 | 42.32 0.75 0.00 | 43.16 1.07 0.00 | 39.47 0.68 0.00 | 40.08 0.68 0.05 | 40.15 0.65 4.07 | 54.19 0.79 4.24 | 69.38 0.30 -3.34 | 70.82 -0.25 -0.20 | 47.28 0.08 0.00 | 45.72 0.31 0.00 | 40.99 0.12 0.00 | 30.32 0.06 0.00 | 36.98 -0.14 0.00 |
| RUSSELL___4 23556 | 26.26 0.59 0.00 | 25.16 0.17 0.00 | 27.21 -0.06 0.00 | 24.64 -0.22 0.00 | 23.94 -0.12 0.00 | 26.10 0.05 0.00 | 28.92 0.52 0.00 | 29.48 0.67 0.00 | 30.39 0.67 0.00 | 28.76 0.41 0.00 | 35.36 0.96 0.00 | 42.32 0.75 0.00 | 43.16 1.07 0.00 | 39.47 0.68 0.00 | 40.08 0.68 0.05 | 40.15 0.65 4.07 | 54.19 0.79 4.24 | 69.38 0.30 -3.34 | 70.82 -0.25 -0.20 | 47.28 0.08 0.00 | 45.72 0.31 0.00 | 40.99 0.12 0.00 | 30.32 0.06 0.00 | 36.98 -0.14 0.00 |
| RUSSELL___STATION 23914 | 26.26 0.59 0.00 | 25.16 0.17 0.00 | 27.21 -0.06 0.00 | 24.64 -0.22 0.00 | 23.94 -0.12 0.00 | 26.10 0.05 0.00 | 28.92 0.52 0.00 | 29.48 0.67 0.00 | 30.39 0.67 0.00 | 28.76 0.41 0.00 | 35.36 0.96 0.00 | 42.32 0.75 0.00 | 43.16 1.07 0.00 | 39.47 0.68 0.00 | 40.08 0.68 0.05 | 40.15 0.65 4.07 | 54.19 0.79 4.24 | 69.38 0.30 -3.34 | 70.82 -0.25 -0.20 | 47.28 0.08 0.00 | 45.72 0.31 0.00 | 40.99 0.12 0.00 | 30.32 0.06 0.00 | 36.98 -0.14 0.00 |
| S SALMON___HYD 24043 | 25.27 -0.41 0.00 | 24.51 -0.47 0.00 | 26.73 -0.55 0.00 | 24.49 -0.36 0.00 | 23.86 -0.19 0.00 | 25.93 -0.11 0.00 | 28.33 -0.08 0.00 | 28.76 -0.05 0.00 | 29.63 -0.09 0.00 | 28.28 -0.07 0.00 | 34.36 -0.04 0.00 | 41.33 -0.24 0.00 | 41.67 -0.42 0.00 | 38.41 -0.38 0.00 | 38.97 -0.48 0.00 | 42.14 -0.49 0.94 | 56.84 -0.74 0.06 | 64.08 -0.63 1.04 | 65.80 -0.57 4.49 | 46.91 -0.28 0.00 | 45.54 0.13 0.00 | 40.75 -0.12 0.00 | 30.16 -0.10 0.00 | 36.93 -0.19 0.00 |
| S.PERRY__115KV_TB1 80734 | 26.80 1.13 0.00 | 25.64 0.65 0.00 | 27.68 0.41 0.00 | 25.01 0.15 0.00 | 24.33 0.27 0.00 | 26.61 0.56 0.00 | 29.67 1.26 0.00 | 30.32 1.51 0.00 | 31.08 1.35 0.00 | 28.69 0.34 0.00 | 35.31 0.91 0.00 | 42.12 0.55 0.00 | 42.79 0.69 0.00 | 39.23 0.43 0.00 | 40.14 0.53 -0.16 | 55.83 0.25 -12.01 | 68.17 0.38 -10.16 | 66.54 0.30 -0.49 | 72.20 0.20 -1.14 | 47.78 0.59 0.00 | 46.29 0.89 0.00 | 41.37 0.50 0.00 | 31.19 0.92 0.00 | 38.23 1.12 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 25.63 -0.05 0.00 | 24.38 -0.61 0.00 | 26.32 -0.96 0.00 | 23.73 -1.12 0.00 | 23.11 -0.94 0.00 | 25.25 -0.80 0.00 | 28.22 -0.19 0.00 | 28.85 0.04 0.00 | 29.79 0.07 0.00 | 28.01 -0.34 0.00 | 34.68 0.28 0.00 | 41.29 -0.28 0.00 | 42.49 0.39 0.00 | 38.64 -0.16 0.00 | 40.53 -0.35 -1.43 | 151.60 -0.75 -108.78 | 158.47 -1.00 -101.83 | 64.19 -2.09 -0.53 | 78.48 -3.00 -10.61 | 45.67 -1.53 0.00 | 44.39 -1.02 0.00 | 39.92 -0.95 0.00 | 29.60 -0.67 0.00 | 36.13 -0.99 0.00 |

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| SAWYER___23_KV_LOAD 55526 | 25.63 -0.05 0.00 | 24.38 -0.61 0.00 | 26.32 -0.96 0.00 | 23.73 -1.12 0.00 | 23.11 -0.94 0.00 | 25.25 -0.80 0.00 | 28.22 -0.19 0.00 | 28.85 0.04 0.00 | 29.79 0.07 0.00 | 28.01 -0.34 0.00 | 34.68 0.28 0.00 | 41.29 -0.28 0.00 | 42.49 0.39 0.00 | 38.64 -0.16 0.00 | 40.53 -0.35 -1.43 | 151.60 -0.75 -108.78 | 158.47 -1.00 -101.83 | 64.19 -2.09 -0.53 | 78.48 -3.00 -10.61 | 45.67 -1.53 0.00 | 44.39 -1.02 0.00 | 39.92 -0.95 0.00 | 29.60 -0.67 0.00 | 36.13 -0.99 0.00 |
| SELKIRK___I 23801 | 26.20 0.53 0.00 | 25.51 0.53 0.00 | 27.87 0.60 0.00 | 25.40 0.55 0.00 | 24.60 0.54 0.00 | 26.74 0.69 0.00 | 29.04 0.64 0.00 | 29.31 0.50 0.00 | 30.21 0.49 0.00 | 28.84 0.48 0.00 | 33.34 0.43 1.49 | 42.00 0.50 0.08 | 42.48 0.39 0.00 | 39.42 0.63 0.00 | 40.35 0.90 0.00 | 44.53 0.97 0.00 | 58.80 1.17 0.00 | 67.32 1.57 0.00 | 72.76 1.90 0.00 | 48.51 1.31 0.00 | 46.70 1.29 0.00 | 41.63 0.76 0.00 | 30.85 0.58 0.00 | 37.86 0.74 0.00 |
| SELKIRK___II 23799 | 26.05 0.38 0.00 | 25.36 0.38 0.00 | 27.66 0.39 0.00 | 25.21 0.35 0.00 | 24.40 0.35 0.00 | 26.53 0.48 0.00 | 28.81 0.41 0.00 | 29.10 0.29 0.00 | 30.01 0.28 0.00 | 28.67 0.32 0.00 | 32.89 0.30 1.80 | 41.84 0.36 0.09 | 42.38 0.29 0.00 | 39.38 0.58 0.00 | 40.33 0.87 0.00 | 44.54 0.97 0.00 | 58.80 1.17 0.00 | 67.20 1.45 0.00 | 72.51 1.65 0.00 | 48.31 1.12 0.00 | 46.46 1.05 0.00 | 41.38 0.52 0.00 | 30.66 0.40 0.00 | 37.66 0.54 0.00 |
| SENECA OSWGO___HYD 24041 | 25.45 -0.23 0.00 | 24.66 -0.32 0.00 | 26.79 -0.48 0.00 | 24.42 -0.44 0.00 | 23.69 -0.37 0.00 | 25.74 -0.31 0.00 | 28.16 -0.24 0.00 | 28.58 -0.23 0.00 | 29.47 -0.25 0.00 | 28.09 -0.26 0.00 | 34.12 -0.28 0.00 | 41.12 -0.45 0.00 | 41.65 -0.44 0.00 | 38.42 -0.38 0.00 | 39.13 -0.32 0.00 | 43.30 -0.26 0.00 | 57.25 -0.37 0.02 | 64.99 -0.42 0.33 | 68.92 -0.53 1.42 | 46.85 -0.34 0.00 | 45.12 -0.28 0.00 | 40.37 -0.49 0.00 | 29.91 -0.36 0.00 | 36.63 -0.49 0.00 |
| SENECA___115KV_TB3 355854 | 25.96 0.29 0.00 | 24.69 -0.29 0.00 | 26.63 -0.64 0.00 | 24.02 -0.84 0.00 | 23.40 -0.65 0.00 | 25.58 -0.47 0.00 | 28.61 0.20 0.00 | 29.28 0.47 0.00 | 30.25 0.53 0.00 | 28.48 0.13 0.00 | 35.25 0.85 0.00 | 42.05 0.48 0.00 | 43.26 1.17 0.00 | 39.40 0.61 0.00 | 40.77 0.48 -0.83 | 103.61 0.17 -59.87 | 106.96 0.22 -49.11 | 67.38 -0.76 -2.40 | 74.80 -1.60 -5.53 | 46.56 -0.64 0.00 | 45.21 -0.20 0.00 | 40.57 -0.30 0.00 | 30.04 -0.22 0.00 | 36.65 -0.47 0.00 |
| SENECA___ENERGY 23797 | 25.93 0.25 0.00 | 25.00 0.02 0.00 | 27.05 -0.22 0.00 | 24.59 -0.27 0.00 | 23.85 -0.20 0.00 | 25.99 -0.06 0.00 | 28.65 0.24 0.00 | 29.22 0.42 0.00 | 30.16 0.44 0.00 | 28.74 0.38 0.00 | 34.92 0.52 0.00 | 42.07 0.49 0.00 | 42.69 0.60 0.00 | 39.32 0.52 0.00 | 40.12 0.67 0.00 | 44.36 0.79 0.00 | 58.83 1.20 0.01 | 66.65 1.10 0.19 | 70.82 0.79 0.83 | 47.82 0.62 0.00 | 46.07 0.67 0.00 | 41.14 0.27 0.00 | 30.44 0.17 0.00 | 37.12 0.00 0.00 |
| SHOEMAKER___GT 23640 | 26.70 1.03 0.00 | 25.88 0.89 0.00 | 28.06 0.79 0.00 | 25.51 0.65 0.00 | 24.69 0.64 0.00 | 26.89 0.84 0.00 | 29.34 0.93 0.00 | 29.74 0.94 0.00 | 30.66 0.94 0.00 | 29.41 1.06 0.00 | 37.98 1.28 -2.30 | 43.22 1.54 -0.12 | 43.65 1.56 0.00 | 40.67 1.87 0.00 | 41.75 2.30 0.00 | 46.32 2.75 0.00 | 61.42 3.79 0.00 | 70.04 4.29 0.00 | 75.31 4.45 0.00 | 50.02 2.83 0.00 | 47.93 2.53 0.00 | 42.56 1.69 0.00 | 31.51 1.24 0.00 | 38.70 1.58 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 26.69 1.02 0.00 | 25.87 0.89 0.00 | 28.04 0.77 0.00 | 25.50 0.64 0.00 | 24.68 0.63 0.00 | 26.86 0.82 0.00 | 29.32 0.91 0.00 | 29.73 0.93 0.00 | 30.66 0.93 0.00 | 29.42 1.07 0.00 | 37.95 1.28 -2.27 | 43.23 1.55 -0.11 | 43.67 1.57 0.00 | 40.69 1.90 0.00 | 41.78 2.33 0.00 | 46.36 2.79 0.00 | 61.47 3.83 0.00 | 70.05 4.30 0.00 | 75.31 4.45 0.00 | 50.01 2.81 0.00 | 47.90 2.49 0.00 | 42.53 1.66 0.00 | 31.49 1.22 0.00 | 38.68 1.57 0.00 |
| SHOREHAM_IC_1 23715 | 27.12 1.44 0.00 | 26.29 1.31 0.00 | 28.18 0.91 0.00 | 25.65 0.79 0.00 | 24.78 0.73 0.00 | 27.09 1.04 0.00 | 29.60 1.20 0.00 | 30.11 1.31 0.00 | 31.06 1.33 0.00 | 29.90 1.54 0.00 | 39.03 1.79 -2.84 | 43.52 1.80 -0.14 | 44.17 2.07 0.00 | 59.63 3.02 -17.82 | 66.32 3.78 -23.08 | 244.82 4.39 -196.86 | 309.37 6.12 -245.63 | 267.14 7.18 -194.22 | 180.75 7.30 -102.58 | 266.79 4.13 -215.46 | 114.64 3.94 -65.29 | 72.83 2.79 -29.17 | 34.47 1.90 -2.31 | 96.81 2.50 -57.20 |
| SHOREHAM_IC_2 23716 | 27.12 1.44 0.00 | 26.29 1.31 0.00 | 28.18 0.91 0.00 | 25.65 0.79 0.00 | 24.78 0.73 0.00 | 27.09 1.04 0.00 | 29.60 1.20 0.00 | 30.11 1.31 0.00 | 31.06 1.33 0.00 | 29.90 1.54 0.00 | 39.03 1.79 -2.84 | 43.52 1.80 -0.14 | 44.17 2.07 0.00 | 59.63 3.02 -17.82 | 66.32 3.78 -23.08 | 244.82 4.39 -196.86 | 309.37 6.12 -245.63 | 267.14 7.18 -194.22 | 180.75 7.30 -102.58 | 266.79 4.13 -215.46 | 114.64 3.94 -65.29 | 72.83 2.79 -29.17 | 34.47 1.90 -2.31 | 96.81 2.50 -57.20 |
| SISSONVILLE____ 23735 | 29.98 -1.09 -5.40 | 29.49 -0.90 -5.40 | 31.05 -0.71 -4.49 | 30.19 -0.56 -5.90 | 29.30 -0.54 -5.79 | 30.87 -0.68 -5.50 | 29.43 -0.69 -1.71 | 28.27 -0.54 0.00 | 29.22 -0.50 0.00 | 27.65 -0.71 0.00 | 33.48 -0.92 0.00 | 40.61 -0.97 0.00 | 40.99 -1.10 0.00 | 37.25 -1.55 0.00 | 36.77 -2.68 0.00 | 30.21 -3.08 10.28 | 53.37 -3.74 0.52 | 51.90 -4.07 9.77 | 24.79 -4.02 42.05 | 44.72 -2.48 0.00 | 43.23 -2.18 0.00 | 40.32 -0.55 0.00 | 29.84 -0.43 0.00 | 36.52 -0.60 0.00 |
| SITHE_IND_GS1 24169 | 25.10 -0.57 0.00 | 24.36 -0.63 0.00 | 26.48 -0.80 0.00 | 24.14 -0.72 0.00 | 23.40 -0.65 0.00 | 25.38 -0.67 0.00 | 27.76 -0.65 0.00 | 28.17 -0.64 0.00 | 29.06 -0.66 0.00 | 27.71 -0.64 0.00 | 33.66 -0.74 0.00 | 40.57 -1.00 0.00 | 41.13 -0.97 0.00 | 37.94 -0.86 0.00 | 38.65 -0.80 0.00 | 42.66 -0.90 0.00 | 56.40 -1.24 0.00 | 64.29 -1.46 0.00 | 69.16 -1.70 0.00 | 46.10 -1.10 0.00 | 44.41 -1.00 0.00 | 39.81 -1.06 0.00 | 29.49 -0.77 0.00 | 36.12 -1.00 0.00 |
| SITHE_IND_GS2 24170 | 25.10 -0.57 0.00 | 24.36 -0.63 0.00 | 26.48 -0.80 0.00 | 24.14 -0.72 0.00 | 23.40 -0.65 0.00 | 25.38 -0.67 0.00 | 27.76 -0.65 0.00 | 28.17 -0.64 0.00 | 29.06 -0.66 0.00 | 27.71 -0.64 0.00 | 33.66 -0.74 0.00 | 40.57 -1.00 0.00 | 41.13 -0.97 0.00 | 37.94 -0.86 0.00 | 38.65 -0.80 0.00 | 42.66 -0.90 0.00 | 56.40 -1.24 0.00 | 64.29 -1.46 0.00 | 69.16 -1.70 0.00 | 46.10 -1.10 0.00 | 44.41 -1.00 0.00 | 39.81 -1.06 0.00 | 29.49 -0.77 0.00 | 36.12 -1.00 0.00 |
| SITHE_IND_GS3 24171 | 25.10 -0.57 0.00 | 24.36 -0.63 0.00 | 26.48 -0.80 0.00 | 24.14 -0.72 0.00 | 23.40 -0.65 0.00 | 25.38 -0.67 0.00 | 27.76 -0.65 0.00 | 28.17 -0.64 0.00 | 29.06 -0.66 0.00 | 27.71 -0.64 0.00 | 33.66 -0.74 0.00 | 40.57 -1.00 0.00 | 41.13 -0.97 0.00 | 37.94 -0.86 0.00 | 38.65 -0.80 0.00 | 42.66 -0.90 0.00 | 56.40 -1.24 0.00 | 64.29 -1.46 0.00 | 69.16 -1.70 0.00 | 46.10 -1.10 0.00 | 44.41 -1.00 0.00 | 39.81 -1.06 0.00 | 29.49 -0.77 0.00 | 36.12 -1.00 0.00 |
| SITHE_IND_GS4 24172 | 25.10 -0.57 0.00 | 24.36 -0.63 0.00 | 26.48 -0.80 0.00 | 24.14 -0.72 0.00 | 23.40 -0.65 0.00 | 25.38 -0.67 0.00 | 27.76 -0.65 0.00 | 28.17 -0.64 0.00 | 29.06 -0.66 0.00 | 27.71 -0.64 0.00 | 33.66 -0.74 0.00 | 40.57 -1.00 0.00 | 41.13 -0.97 0.00 | 37.94 -0.86 0.00 | 38.65 -0.80 0.00 | 42.66 -0.90 0.00 | 56.40 -1.24 0.00 | 64.29 -1.46 0.00 | 69.16 -1.70 0.00 | 46.10 -1.10 0.00 | 44.41 -1.00 0.00 | 39.81 -1.06 0.00 | 29.49 -0.77 0.00 | 36.12 -1.00 0.00 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| SITHE___BATAVIA 24024 | 26.60 0.93 0.00 | 25.31 0.32 0.00 | 27.32 0.05 0.00 | 24.67 -0.19 0.00 | 24.01 -0.05 0.00 | 26.25 0.19 0.00 | 29.28 0.88 0.00 | 29.95 1.15 0.00 | 30.89 1.16 0.00 | 29.08 0.73 0.00 | 35.91 1.51 0.00 | 42.75 1.18 0.00 | 43.79 1.69 0.00 | 39.84 1.04 0.00 | 40.78 1.13 -0.21 | 56.59 0.98 -12.04 | 62.18 1.06 -3.48 | 94.68 0.44 -28.49 | 76.52 -0.18 -5.84 | 47.50 0.31 0.00 | 46.03 0.63 0.00 | 41.28 0.41 0.00 | 30.54 0.28 0.00 | 37.26 0.14 0.00 |
| SITHE___INDEPEND 23800 | 25.10 -0.57 0.00 | 24.36 -0.63 0.00 | 26.48 -0.80 0.00 | 24.14 -0.72 0.00 | 23.40 -0.65 0.00 | 25.38 -0.67 0.00 | 27.75 -0.65 0.00 | 28.17 -0.64 0.00 | 29.06 -0.66 0.00 | 27.71 -0.64 0.00 | 33.66 -0.74 0.00 | 40.57 -1.00 0.00 | 41.12 -0.97 0.00 | 37.94 -0.85 0.00 | 38.63 -0.82 0.00 | 42.66 -0.91 0.00 | 56.39 -1.25 0.00 | 64.28 -1.47 0.00 | 69.16 -1.70 0.00 | 46.10 -1.10 0.00 | 44.41 -1.00 0.00 | 39.81 -1.06 0.00 | 29.49 -0.77 0.00 | 36.12 -1.00 0.00 |
| SITHE___MASSENA 23902 | 26.33 -0.34 -1.00 | 25.77 -0.22 -1.00 | 28.03 -0.08 -0.83 | 25.90 -0.05 -1.09 | 25.04 -0.09 -1.07 | 26.86 -0.21 -1.02 | 28.52 -0.21 -0.32 | 28.71 -0.10 0.00 | 29.64 -0.08 0.00 | 28.13 -0.22 0.00 | 34.11 -0.29 0.00 | 41.40 -0.17 0.00 | 41.92 -0.17 0.00 | 38.17 -0.63 0.00 | 37.91 -1.54 0.00 | 29.30 -1.81 12.45 | 54.78 -2.10 0.76 | 49.26 -2.32 14.16 | 7.69 -2.26 60.92 | 45.77 -1.42 0.00 | 44.05 -1.36 0.00 | 40.81 -0.06 0.00 | 30.22 -0.04 0.00 | 37.04 -0.07 0.00 |
| SITHE___OGDNSBRG 24021 | 29.18 -0.15 -3.66 | 28.64 -0.02 -3.67 | 30.52 0.20 -3.05 | 29.08 0.23 -4.00 | 28.16 0.18 -3.93 | 29.85 0.07 -3.73 | 29.72 0.15 -1.16 | 29.10 0.29 0.00 | 29.99 0.26 0.00 | 28.37 0.02 0.00 | 34.32 -0.08 0.00 | 41.63 0.06 0.00 | 42.05 -0.05 0.00 | 38.17 -0.63 0.00 | 37.67 -1.78 0.00 | 30.33 -2.12 11.12 | 54.71 -2.31 0.61 | 51.63 -2.64 11.48 | 19.08 -2.41 49.38 | 46.03 -1.17 0.00 | 44.47 -0.94 0.00 | 41.39 0.52 0.00 | 30.60 0.33 0.00 | 37.44 0.33 0.00 |
| SITHE___STERLING 23777 | 26.40 0.73 0.00 | 25.61 0.62 0.00 | 27.87 0.60 0.00 | 25.42 0.57 0.00 | 24.67 0.62 0.00 | 26.83 0.78 0.00 | 29.43 1.02 0.00 | 29.91 1.11 0.00 | 30.91 1.19 0.00 | 29.49 1.14 0.00 | 35.85 1.45 0.00 | 43.16 1.59 0.00 | 43.72 1.63 0.00 | 40.37 1.57 0.00 | 41.15 1.70 0.00 | 45.44 1.88 0.00 | 60.15 2.54 0.03 | 68.05 2.86 0.56 | 71.60 3.15 2.41 | 49.28 2.09 0.00 | 47.47 2.06 0.00 | 42.38 1.51 0.00 | 31.28 1.02 0.00 | 38.25 1.13 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 25.92 0.25 0.00 | 24.93 -0.06 0.00 | 26.99 -0.29 0.00 | 24.50 -0.36 0.00 | 23.78 -0.27 0.00 | 25.92 -0.13 0.00 | 28.64 0.23 0.00 | 29.17 0.36 0.00 | 30.00 0.28 0.00 | 28.41 0.05 0.00 | 34.85 0.45 0.00 | 41.77 0.20 0.00 | 42.56 0.47 0.00 | 38.96 0.16 0.00 | 39.55 0.16 0.06 | 39.36 0.13 4.33 | 53.70 0.13 4.06 | 65.22 -0.33 0.20 | 69.59 -0.82 0.46 | 46.80 -0.40 0.00 | 45.17 -0.24 0.00 | 40.45 -0.42 0.00 | 29.91 -0.36 0.00 | 36.50 -0.62 0.00 |
| SOUTH CAIRO___GT 23612 | 26.88 1.20 0.00 | 26.14 1.15 0.00 | 28.56 1.29 0.00 | 26.03 1.17 0.00 | 25.21 1.15 0.00 | 27.45 1.40 0.00 | 29.87 1.46 0.00 | 30.19 1.39 0.00 | 31.11 1.39 0.00 | 29.73 1.38 0.00 | 34.88 1.45 0.97 | 43.05 1.53 0.05 | 43.61 1.52 0.00 | 40.27 1.48 0.00 | 41.39 1.94 0.00 | 45.77 2.20 0.00 | 60.42 2.78 0.00 | 69.82 4.07 0.00 | 76.07 5.20 0.00 | 50.83 3.63 0.00 | 48.87 3.46 0.00 | 43.38 2.51 0.00 | 32.04 1.78 0.00 | 39.11 1.99 0.00 |
| SOUTH HAMPTN___IC 23720 | 27.54 1.86 0.00 | 26.64 1.65 0.00 | 28.52 1.24 0.00 | 25.93 1.07 0.00 | 25.03 0.98 0.00 | 27.35 1.31 0.00 | 29.91 1.50 0.00 | 30.43 1.63 0.00 | 31.44 1.72 0.00 | 30.36 2.01 0.00 | 39.60 2.35 -2.84 | 44.22 2.51 -0.14 | 44.93 2.84 0.00 | 60.27 3.71 -17.76 | 67.02 4.48 -23.08 | 245.67 5.24 -196.86 | 310.70 7.44 -245.63 | 265.41 8.73 -190.93 | 182.33 8.95 -102.52 | 268.13 5.47 -215.46 | 115.66 4.95 -65.29 | 73.76 3.72 -29.17 | 35.02 2.46 -2.31 | 97.32 3.01 -57.19 |
| SOUTHDOW_115KV_TB1 355954 | 26.02 0.34 0.00 | 24.90 -0.09 0.00 | 26.79 -0.48 0.00 | 24.25 -0.61 0.00 | 23.69 -0.36 0.00 | 25.81 -0.24 0.00 | 28.88 0.47 0.00 | 29.70 0.90 0.00 | 30.76 1.04 0.00 | 29.03 0.68 0.00 | 35.95 1.55 0.00 | 43.24 1.67 0.00 | 44.52 2.42 0.00 | 40.48 1.68 0.00 | 41.90 1.76 -0.69 | 95.56 1.63 -50.37 | 102.81 2.55 -42.63 | 69.60 1.77 -2.08 | 76.89 1.23 -4.80 | 48.05 0.85 0.00 | 46.59 1.18 0.00 | 41.62 0.75 0.00 | 30.88 0.62 0.00 | 37.58 0.46 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 27.89 2.22 0.00 | 26.87 1.88 0.00 | 28.70 1.43 0.00 | 26.08 1.23 0.00 | 25.10 1.05 0.00 | 27.41 1.36 0.00 | 29.98 1.57 0.00 | 30.53 1.73 0.00 | 31.61 1.89 0.00 | 30.61 2.26 0.00 | 39.53 2.28 -2.84 | 43.81 2.09 -0.14 | 44.58 2.49 0.00 | 59.90 3.34 -17.76 | 66.61 4.08 -23.08 | 245.35 4.92 -196.86 | 310.70 7.44 -245.63 | 265.76 9.02 -190.99 | 182.56 9.18 -102.52 | 268.33 5.68 -215.46 | 116.07 5.37 -65.29 | 74.73 4.70 -29.17 | 35.50 2.93 -2.31 | 97.59 3.28 -57.19 |
| SOUTHOLD___IC 23719 | 27.89 2.22 0.00 | 26.87 1.88 0.00 | 28.70 1.43 0.00 | 26.08 1.23 0.00 | 25.10 1.05 0.00 | 27.41 1.36 0.00 | 29.98 1.57 0.00 | 30.52 1.72 0.00 | 31.61 1.89 0.00 | 30.61 2.26 0.00 | 39.53 2.29 -2.84 | 43.81 2.09 -0.14 | 44.59 2.49 0.00 | 59.90 3.34 -17.76 | 66.59 4.06 -23.08 | 245.32 4.90 -196.86 | 310.70 7.44 -245.63 | 265.75 9.00 -191.00 | 182.56 9.17 -102.52 | 268.33 5.68 -215.46 | 116.07 5.37 -65.29 | 74.73 4.70 -29.17 | 35.50 2.93 -2.31 | 97.60 3.29 -57.19 |
| SOUTH_FORK_WT_PWR 323839 | 27.83 2.15 0.00 | 26.74 1.76 0.00 | 28.52 1.25 0.00 | 25.91 1.05 0.00 | 24.87 0.82 0.00 | 27.13 1.08 0.00 | 29.67 1.27 0.00 | 30.21 1.40 0.00 | 31.29 1.57 0.00 | 30.33 1.98 0.00 | 39.43 2.18 -2.84 | 43.87 2.15 -0.14 | 44.65 2.56 0.00 | 59.91 3.35 -17.76 | 66.64 4.11 -23.08 | 245.38 4.95 -196.86 | 311.01 7.75 -245.63 | 266.07 9.36 -190.96 | 182.88 9.50 -102.52 | 268.67 6.00 -215.46 | 116.23 5.53 -65.29 | 74.63 4.60 -29.17 | 35.30 2.73 -2.31 | 97.19 2.88 -57.19 |
| SPIERFLS_115KV_TB 1 80737 | 27.71 2.03 0.00 | 26.89 1.90 0.00 | 29.27 1.99 0.00 | 26.65 1.79 0.00 | 25.86 1.81 0.00 | 28.27 2.22 0.00 | 30.82 2.42 0.00 | 31.12 2.31 0.00 | 31.95 2.22 0.00 | 30.36 2.00 0.00 | 33.57 2.11 2.94 | 44.25 2.83 0.15 | 44.72 2.63 0.00 | 41.43 2.63 0.00 | 42.35 2.89 0.00 | 47.07 3.50 0.00 | 61.91 4.28 0.00 | 71.03 5.28 0.00 | 77.48 6.62 0.00 | 51.63 4.43 0.00 | 49.75 4.34 0.00 | 44.27 3.40 0.00 | 32.72 2.46 0.00 | 40.08 2.96 0.00 |
| ST LAWRENCE____ 23600 | 25.20 -0.47 0.00 | 24.62 -0.37 0.00 | 27.01 -0.26 0.00 | 24.64 -0.22 0.00 | 23.80 -0.26 0.00 | 25.65 -0.40 0.00 | 27.98 -0.43 0.00 | 28.47 -0.33 0.00 | 29.41 -0.31 0.00 | 27.95 -0.40 0.00 | 33.90 -0.50 0.00 | 41.14 -0.43 0.00 | 41.66 -0.43 0.00 | 38.00 -0.80 0.00 | 38.14 -1.32 0.00 | 28.96 -1.55 13.06 | 55.87 -1.83 -0.07 | 65.05 -1.99 -1.29 | 74.48 -1.92 -5.54 | 45.92 -1.28 0.00 | 44.17 -1.24 0.00 | 40.47 -0.40 0.00 | 29.98 -0.28 0.00 | 36.76 -0.35 0.00 |
| STATE_CA_115KV_115_LB 55624 | 26.11 0.43 0.00 | 25.42 0.43 0.00 | 27.71 0.44 0.00 | 25.25 0.40 0.00 | 24.45 0.39 0.00 | 26.59 0.54 0.00 | 28.87 0.46 0.00 | 29.17 0.36 0.00 | 30.10 0.38 0.00 | 28.75 0.40 0.00 | 32.18 0.40 2.62 | 41.97 0.54 0.13 | 42.58 0.48 0.00 | 39.59 0.79 0.00 | 40.58 1.13 0.00 | 44.82 1.25 0.00 | 59.12 1.49 0.00 | 67.58 1.83 0.00 | 72.89 2.03 0.00 | 48.52 1.33 0.00 | 46.66 1.25 0.00 | 41.50 0.63 0.00 | 30.72 0.46 0.00 | 37.69 0.57 0.00 |

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| STATE_ST_34_KV_LOAD 55959 | 26.05 0.37 0.00 | 25.23 0.25 0.00 | 27.32 0.05 0.00 | 24.94 0.08 0.00 | 24.18 0.13 0.00 | 26.32 0.27 0.00 | 28.87 0.46 0.00 | 29.27 0.46 0.00 | 30.11 0.39 0.00 | 28.85 0.49 0.00 | 34.89 0.49 0.00 | 42.19 0.62 0.00 | 42.87 0.77 0.00 | 39.40 0.61 0.00 | 40.14 0.69 0.00 | 44.27 0.70 0.00 | 58.77 1.15 0.01 | 67.29 1.75 0.21 | 71.30 1.33 0.89 | 48.31 1.11 0.00 | 46.56 1.15 0.00 | 41.53 0.66 0.00 | 30.71 0.44 0.00 | 37.58 0.47 0.00 |
| STATION_5_MISC_HYD 23604 | 26.07 0.40 0.00 | 24.99 0.01 0.00 | 27.04 -0.24 0.00 | 24.48 -0.38 0.00 | 23.78 -0.27 0.00 | 25.93 -0.12 0.00 | 28.73 0.32 0.00 | 29.29 0.48 0.00 | 30.20 0.48 0.00 | 28.57 0.22 0.00 | 35.11 0.71 0.00 | 42.03 0.45 0.00 | 42.87 0.77 0.00 | 39.21 0.41 0.00 | 39.86 0.46 0.05 | 39.94 0.44 4.07 | 53.80 0.41 4.24 | 68.95 -0.14 -3.34 | 70.35 -0.71 -0.20 | 46.96 -0.24 0.00 | 45.40 0.00 0.00 | 40.73 -0.14 0.00 | 30.14 -0.12 0.00 | 36.78 -0.33 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 26.25 0.58 0.00 | 25.20 0.22 0.00 | 27.27 0.00 0.00 | 24.72 -0.13 0.00 | 24.01 -0.05 0.00 | 26.18 0.13 0.00 | 28.96 0.55 0.00 | 29.54 0.74 0.00 | 30.49 0.77 0.00 | 28.95 0.60 0.00 | 35.41 1.01 0.00 | 42.52 0.94 0.00 | 43.30 1.21 0.00 | 39.72 0.93 0.00 | 40.39 0.97 0.03 | 42.13 1.03 2.47 | 56.49 1.39 2.53 | 66.80 1.17 0.12 | 71.38 0.79 0.28 | 47.85 0.65 0.00 | 46.16 0.75 0.00 | 41.30 0.43 0.00 | 30.54 0.27 0.00 | 37.24 0.13 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 25.95 0.27 0.00 | 24.87 -0.11 0.00 | 26.91 -0.36 0.00 | 24.37 -0.48 0.00 | 23.68 -0.38 0.00 | 25.80 -0.25 0.00 | 28.58 0.17 0.00 | 29.15 0.34 0.00 | 30.06 0.34 0.00 | 28.48 0.12 0.00 | 34.97 0.57 0.00 | 41.87 0.30 0.00 | 42.69 0.60 0.00 | 39.08 0.28 0.00 | 39.68 0.27 0.05 | 40.04 0.19 3.72 | 53.91 0.18 3.91 | 68.60 -0.34 -3.19 | 70.18 -0.89 -0.21 | 46.80 -0.40 0.00 | 45.23 -0.18 0.00 | 40.57 -0.30 0.00 | 30.01 -0.26 0.00 | 36.62 -0.49 0.00 |
| STA_56___34_KV_BUS2 355983 | 25.95 0.27 0.00 | 24.87 -0.11 0.00 | 26.91 -0.36 0.00 | 24.37 -0.48 0.00 | 23.68 -0.38 0.00 | 25.80 -0.25 0.00 | 28.58 0.17 0.00 | 29.15 0.34 0.00 | 30.06 0.34 0.00 | 28.48 0.12 0.00 | 34.97 0.57 0.00 | 41.87 0.30 0.00 | 42.69 0.60 0.00 | 39.08 0.28 0.00 | 39.68 0.27 0.05 | 40.04 0.19 3.72 | 53.91 0.18 3.91 | 68.60 -0.34 -3.19 | 70.18 -0.89 -0.21 | 46.80 -0.40 0.00 | 45.23 -0.18 0.00 | 40.57 -0.30 0.00 | 30.01 -0.26 0.00 | 36.62 -0.49 0.00 |
| STA_67___115KV_BK2 355882 | 26.00 0.32 0.00 | 24.92 -0.07 0.00 | 26.96 -0.32 0.00 | 24.41 -0.45 0.00 | 23.71 -0.34 0.00 | 25.85 -0.20 0.00 | 28.64 0.23 0.00 | 29.21 0.40 0.00 | 30.11 0.39 0.00 | 28.49 0.14 0.00 | 35.01 0.61 0.00 | 41.89 0.33 0.00 | 42.74 0.64 0.00 | 39.09 0.29 0.00 | 39.68 0.28 0.05 | 39.55 0.17 4.19 | 53.51 0.19 4.32 | 68.60 -0.36 -3.21 | 70.09 -0.95 -0.17 | 46.80 -0.39 0.00 | 45.27 -0.14 0.00 | 40.61 -0.26 0.00 | 30.06 -0.20 0.00 | 36.70 -0.42 0.00 |
| STA_7___115KV_9TRANS 80674 | 26.26 0.59 0.00 | 25.16 0.17 0.00 | 27.21 -0.06 0.00 | 24.64 -0.22 0.00 | 23.94 -0.12 0.00 | 26.10 0.05 0.00 | 28.92 0.52 0.00 | 29.48 0.67 0.00 | 30.39 0.67 0.00 | 28.76 0.41 0.00 | 35.36 0.96 0.00 | 42.32 0.75 0.00 | 43.16 1.07 0.00 | 39.47 0.68 0.00 | 40.08 0.68 0.05 | 40.15 0.65 4.07 | 54.19 0.79 4.24 | 69.38 0.30 -3.34 | 70.82 -0.25 -0.20 | 47.28 0.08 0.00 | 45.72 0.31 0.00 | 40.99 0.12 0.00 | 30.32 0.06 0.00 | 36.98 -0.14 0.00 |
| STA_82___115KV_TB1 80780 | 26.01 0.34 0.00 | 24.93 -0.06 0.00 | 26.97 -0.30 0.00 | 24.42 -0.44 0.00 | 23.73 -0.33 0.00 | 25.86 -0.18 0.00 | 28.66 0.25 0.00 | 29.23 0.42 0.00 | 30.13 0.41 0.00 | 28.51 0.16 0.00 | 35.03 0.63 0.00 | 41.92 0.35 0.00 | 42.76 0.66 0.00 | 39.11 0.31 0.00 | 39.69 0.29 0.04 | 40.29 0.19 3.47 | 53.97 0.20 3.88 | 69.37 -0.32 -3.94 | 70.33 -0.89 -0.36 | 46.83 -0.37 0.00 | 45.30 -0.11 0.00 | 40.64 -0.23 0.00 | 30.07 -0.19 0.00 | 36.71 -0.40 0.00 |
| STEEL___WIND 323596 | 25.92 0.24 0.00 | 24.65 -0.34 0.00 | 26.58 -0.69 0.00 | 23.98 -0.88 0.00 | 23.36 -0.69 0.00 | 25.56 -0.49 0.00 | 28.57 0.17 0.00 | 29.24 0.43 0.00 | 30.22 0.50 0.00 | 28.42 0.07 0.00 | 35.15 0.75 0.00 | 41.98 0.41 0.00 | 43.17 1.08 0.00 | 39.32 0.52 0.00 | 40.80 0.51 -0.83 | 103.67 0.23 -59.87 | 106.89 0.15 -49.11 | 67.31 -0.84 -2.40 | 74.71 -1.68 -5.53 | 46.52 -0.68 0.00 | 45.16 -0.25 0.00 | 40.51 -0.36 0.00 | 30.01 -0.25 0.00 | 36.60 -0.52 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 26.18 0.50 0.00 | 25.48 0.50 0.00 | 27.77 0.49 0.00 | 25.28 0.42 0.00 | 24.49 0.43 0.00 | 26.66 0.61 0.00 | 28.97 0.56 0.00 | 29.24 0.44 0.00 | 30.22 0.50 0.00 | 28.82 0.46 0.00 | 32.31 0.52 2.61 | 42.19 0.75 0.13 | 42.73 0.64 0.00 | 39.72 0.92 0.00 | 40.80 1.35 0.00 | 45.08 1.51 0.00 | 59.59 1.96 0.00 | 68.23 2.49 0.00 | 73.55 2.68 0.00 | 48.93 1.73 0.00 | 46.98 1.57 0.00 | 41.74 0.87 0.00 | 30.92 0.66 0.00 | 38.01 0.89 0.00 |
| STEUBEN_REC_LFGE 323667 | 25.88 0.21 0.00 | 24.97 -0.02 0.00 | 26.71 -0.57 0.00 | 24.08 -0.78 0.00 | 23.26 -0.79 0.00 | 25.83 -0.22 0.00 | 28.81 0.41 0.00 | 30.00 1.20 0.00 | 31.24 1.52 0.00 | 30.01 1.66 0.00 | 37.16 2.76 0.00 | 44.03 2.46 0.00 | 45.39 3.30 0.00 | 42.01 3.21 0.00 | 42.90 3.20 -0.25 | 64.91 3.57 -17.77 | 77.43 4.90 -14.90 | 70.98 4.51 -0.73 | 77.87 5.33 -1.67 | 50.92 3.72 0.00 | 49.01 3.61 0.00 | 44.09 3.22 0.00 | 32.77 2.51 0.00 | 39.44 2.32 0.00 |
| STILLWATER___SOLAR 323814 | 27.26 1.59 0.00 | 26.48 1.49 0.00 | 28.84 1.56 0.00 | 26.27 1.41 0.00 | 25.47 1.41 0.00 | 27.77 1.71 0.00 | 30.20 1.79 0.00 | 30.49 1.69 0.00 | 31.39 1.67 0.00 | 29.83 1.48 0.00 | 32.69 1.59 3.30 | 43.52 2.11 0.17 | 44.07 1.98 0.00 | 40.92 2.12 0.00 | 41.83 2.38 0.00 | 46.36 2.80 0.00 | 61.18 3.54 0.00 | 70.14 4.39 0.00 | 76.03 5.16 0.00 | 50.67 3.47 0.00 | 48.78 3.37 0.00 | 43.34 2.47 0.00 | 32.06 1.80 0.00 | 39.34 2.22 0.00 |
| STONY___BROOK 24151 | 27.39 1.72 0.00 | 26.59 1.60 0.00 | 28.54 1.27 0.00 | 25.96 1.10 0.00 | 25.10 1.04 0.00 | 27.44 1.40 0.00 | 30.01 1.60 0.00 | 30.51 1.70 0.00 | 31.45 1.73 0.00 | 30.25 1.90 0.00 | 39.56 2.32 -2.84 | 44.14 2.43 -0.14 | 44.77 2.68 0.00 | 60.31 3.56 -17.95 | 66.75 4.21 -23.08 | 245.18 4.75 -196.86 | 309.66 6.40 -245.63 | 282.88 7.40 -209.73 | 181.21 7.60 -102.74 | 267.20 4.54 -215.46 | 114.76 4.06 -65.29 | 72.90 2.86 -29.17 | 34.73 2.15 -2.31 | 97.20 2.88 -57.21 |
| STURGEON_POOL_HYD 23609 | 26.76 1.09 0.00 | 25.92 0.93 0.00 | 28.06 0.79 0.00 | 25.50 0.64 0.00 | 24.67 0.62 0.00 | 26.89 0.84 0.00 | 29.35 0.95 0.00 | 29.76 0.95 0.00 | 30.72 1.00 0.00 | 29.57 1.22 0.00 | 37.48 1.60 -1.48 | 43.55 1.91 -0.07 | 43.97 1.88 0.00 | 41.19 2.39 0.00 | 42.34 2.89 0.00 | 47.09 3.52 0.00 | 62.49 4.86 0.00 | 71.11 5.37 0.00 | 76.30 5.43 0.00 | 50.54 3.34 0.00 | 48.34 2.93 0.00 | 42.82 1.95 0.00 | 31.69 1.43 0.00 | 38.96 1.84 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 25.16 -0.51 0.00 | 24.60 -0.39 0.00 | 27.00 -0.27 0.00 | 24.62 -0.24 0.00 | 23.78 -0.27 0.00 | 25.63 -0.42 0.00 | 27.95 -0.45 0.00 | 28.45 -0.36 0.00 | 29.37 -0.35 0.00 | 27.91 -0.44 0.00 | 33.84 -0.56 0.00 | 41.07 -0.50 0.00 | 41.61 -0.49 0.00 | 37.92 -0.88 0.00 | 37.95 -1.50 0.00 | 28.89 -1.78 12.90 | 55.63 -2.09 -0.09 | 65.06 -2.29 -1.60 | 75.51 -2.23 -6.88 | 45.73 -1.46 0.00 | 43.99 -1.42 0.00 | 40.42 -0.45 0.00 | 29.94 -0.32 0.00 | 36.71 -0.41 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| ST_LAW_115_BK8_LBMP 345038 | 25.16 -0.51 0.00 | 24.60 -0.39 0.00 | 27.00 -0.27 0.00 | 24.62 -0.24 0.00 | 23.78 -0.27 0.00 | 25.63 -0.42 0.00 | 27.95 -0.45 0.00 | 28.45 -0.36 0.00 | 29.37 -0.35 0.00 | 27.91 -0.44 0.00 | 33.84 -0.56 0.00 | 41.07 -0.50 0.00 | 41.61 -0.49 0.00 | 37.92 -0.88 0.00 | 37.95 -1.50 0.00 | 28.89 -1.78 12.90 | 55.63 -2.09 -0.09 | 65.06 -2.29 -1.60 | 75.51 -2.23 -6.88 | 45.73 -1.46 0.00 | 43.99 -1.42 0.00 | 40.42 -0.45 0.00 | 29.94 -0.32 0.00 | 36.71 -0.41 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 25.20 -0.47 0.00 | 24.62 -0.37 0.00 | 27.01 -0.26 0.00 | 24.64 -0.22 0.00 | 23.80 -0.26 0.00 | 25.65 -0.40 0.00 | 27.98 -0.43 0.00 | 28.47 -0.33 0.00 | 29.41 -0.31 0.00 | 27.95 -0.40 0.00 | 33.90 -0.50 0.00 | 41.14 -0.43 0.00 | 41.66 -0.43 0.00 | 38.00 -0.80 0.00 | 38.14 -1.32 0.00 | 28.73 -1.55 13.29 | 55.85 -1.83 -0.04 | 64.57 -1.99 -0.82 | 72.47 -1.92 -3.53 | 45.92 -1.28 0.00 | 44.17 -1.24 0.00 | 40.47 -0.40 0.00 | 29.98 -0.28 0.00 | 36.76 -0.35 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 25.20 -0.47 0.00 | 24.62 -0.37 0.00 | 27.01 -0.26 0.00 | 24.64 -0.22 0.00 | 23.80 -0.26 0.00 | 25.65 -0.40 0.00 | 27.98 -0.43 0.00 | 28.47 -0.33 0.00 | 29.41 -0.31 0.00 | 27.95 -0.40 0.00 | 33.90 -0.50 0.00 | 41.14 -0.43 0.00 | 41.66 -0.43 0.00 | 38.00 -0.80 0.00 | 38.14 -1.32 0.00 | 28.73 -1.55 13.29 | 55.85 -1.83 -0.04 | 64.57 -1.99 -0.82 | 72.47 -1.92 -3.53 | 45.92 -1.28 0.00 | 44.17 -1.24 0.00 | 40.47 -0.40 0.00 | 29.98 -0.28 0.00 | 36.76 -0.35 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 26.82 1.15 0.00 | 25.99 1.00 0.00 | 28.14 0.87 0.00 | 25.56 0.71 0.00 | 24.74 0.69 0.00 | 26.95 0.90 0.00 | 29.41 1.01 0.00 | 29.86 1.05 0.00 | 30.80 1.08 0.00 | 29.61 1.26 0.00 | 38.38 1.57 -2.41 | 43.56 1.87 -0.12 | 43.98 1.89 0.00 | 41.07 2.28 0.00 | 42.21 2.77 0.00 | 46.86 3.29 0.00 | 62.13 4.50 0.00 | 70.77 5.03 0.00 | 76.01 5.15 0.00 | 50.38 3.18 0.00 | 48.21 2.80 0.00 | 42.76 1.89 0.00 | 31.65 1.39 0.00 | 38.89 1.78 0.00 |
| SWANROAD_115KV_TB1 355699 | 25.23 -0.44 0.00 | 23.96 -1.03 0.00 | 25.90 -1.38 0.00 | 23.34 -1.52 0.00 | 22.72 -1.33 0.00 | 24.84 -1.21 0.00 | 27.78 -0.63 0.00 | 28.38 -0.43 0.00 | 29.28 -0.45 0.00 | 27.45 -0.90 0.00 | 33.97 -0.43 0.00 | 40.31 -1.26 0.00 | 41.54 -0.55 0.00 | 37.68 -1.12 0.00 | 38.49 -1.40 -0.45 | 67.80 -1.99 -26.22 | 63.88 -2.67 -8.91 | 79.90 -3.97 -18.13 | 70.29 -4.98 -4.41 | 44.48 -2.72 0.00 | 43.31 -2.10 0.00 | 39.06 -1.81 0.00 | 28.97 -1.30 0.00 | 35.47 -1.65 0.00 |
| SYNERGY___BIOGAS 323694 | 26.60 0.93 0.00 | 25.31 0.32 0.00 | 27.32 0.05 0.00 | 24.67 -0.19 0.00 | 24.01 -0.05 0.00 | 26.25 0.19 0.00 | 29.28 0.88 0.00 | 29.95 1.15 0.00 | 30.89 1.16 0.00 | 29.08 0.73 0.00 | 35.91 1.51 0.00 | 42.75 1.18 0.00 | 43.79 1.69 0.00 | 39.84 1.04 0.00 | 40.78 1.13 -0.21 | 56.59 0.98 -12.04 | 62.18 1.06 -3.48 | 94.68 0.44 -28.49 | 76.52 -0.18 -5.84 | 47.50 0.31 0.00 | 46.03 0.63 0.00 | 41.28 0.41 0.00 | 30.54 0.28 0.00 | 37.26 0.14 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 25.82 0.15 0.00 | 25.02 0.04 0.00 | 27.17 -0.10 0.00 | 24.75 -0.11 0.00 | 24.01 -0.04 0.00 | 26.08 0.03 0.00 | 28.58 0.17 0.00 | 29.01 0.20 0.00 | 29.92 0.20 0.00 | 28.51 0.16 0.00 | 34.57 0.17 0.00 | 41.66 0.09 0.00 | 42.16 0.07 0.00 | 38.84 0.04 0.00 | 39.59 0.14 0.00 | 43.72 0.16 0.00 | 57.88 0.26 0.01 | 65.88 0.37 0.24 | 70.04 0.20 1.02 | 47.39 0.19 0.00 | 45.64 0.23 0.00 | 40.83 -0.04 0.00 | 30.30 0.04 0.00 | 37.17 0.06 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 25.82 0.15 0.00 | 25.02 0.04 0.00 | 27.17 -0.10 0.00 | 24.75 -0.11 0.00 | 24.01 -0.04 0.00 | 26.08 0.03 0.00 | 28.58 0.17 0.00 | 29.01 0.20 0.00 | 29.92 0.20 0.00 | 28.51 0.16 0.00 | 34.57 0.17 0.00 | 41.66 0.09 0.00 | 42.16 0.07 0.00 | 38.84 0.04 0.00 | 39.59 0.14 0.00 | 43.72 0.16 0.00 | 57.88 0.26 0.01 | 65.88 0.37 0.24 | 70.04 0.20 1.02 | 47.39 0.19 0.00 | 45.64 0.23 0.00 | 40.83 -0.04 0.00 | 30.30 0.04 0.00 | 37.17 0.06 0.00 |
| SYRACUSE___POWER 24017 | 25.90 0.23 0.00 | 25.07 0.08 0.00 | 27.25 -0.03 0.00 | 24.79 -0.07 0.00 | 24.04 -0.01 0.00 | 26.13 0.08 0.00 | 28.66 0.25 0.00 | 29.11 0.30 0.00 | 30.04 0.32 0.00 | 28.65 0.30 0.00 | 34.83 0.43 0.00 | 41.95 0.38 0.00 | 42.53 0.44 0.00 | 39.23 0.44 0.00 | 40.03 0.58 0.00 | 44.24 0.67 0.00 | 58.44 0.81 0.01 | 66.26 0.76 0.25 | 70.46 0.65 1.06 | 47.64 0.45 0.00 | 45.87 0.46 0.00 | 41.01 0.14 0.00 | 30.35 0.09 0.00 | 37.18 0.06 0.00 |
| TALLMAN___138KV_BK151 55660 | 26.96 1.29 0.00 | 26.12 1.13 0.00 | 28.23 0.96 0.00 | 25.64 0.78 0.00 | 24.82 0.76 0.00 | 27.03 0.98 0.00 | 29.51 1.11 0.00 | 29.96 1.16 0.00 | 30.91 1.19 0.00 | 29.76 1.41 0.00 | 38.75 1.77 -2.57 | 43.84 2.14 -0.13 | 44.24 2.15 0.00 | 41.37 2.57 0.00 | 42.56 3.11 0.00 | 47.27 3.71 0.00 | 62.71 5.08 0.00 | 71.33 5.58 0.00 | 76.54 5.68 0.00 | 50.67 3.48 0.00 | 48.44 3.03 0.00 | 42.92 2.05 0.00 | 31.78 1.52 0.00 | 39.07 1.95 0.00 |
| TEALLAVE_115KV_TB7 355573 | 25.77 0.10 0.00 | 24.95 -0.04 0.00 | 27.10 -0.17 0.00 | 24.67 -0.19 0.00 | 23.93 -0.12 0.00 | 26.00 -0.05 0.00 | 28.51 0.10 0.00 | 28.96 0.15 0.00 | 29.89 0.17 0.00 | 28.49 0.14 0.00 | 34.63 0.23 0.00 | 41.72 0.14 0.00 | 42.32 0.22 0.00 | 39.04 0.24 0.00 | 39.83 0.38 0.00 | 44.00 0.43 0.00 | 58.11 0.49 0.02 | 65.83 0.36 0.28 | 69.86 0.20 1.20 | 47.34 0.14 0.00 | 45.58 0.17 0.00 | 40.76 -0.11 0.00 | 30.17 -0.09 0.00 | 36.95 -0.16 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 25.94 0.27 0.00 | 24.67 -0.32 0.00 | 26.63 -0.64 0.00 | 24.02 -0.83 0.00 | 23.39 -0.67 0.00 | 25.56 -0.49 0.00 | 28.54 0.14 0.00 | 29.16 0.36 0.00 | 30.10 0.38 0.00 | 28.28 -0.07 0.00 | 34.96 0.56 0.00 | 41.57 0.00 0.00 | 42.72 0.63 0.00 | 38.81 0.01 0.00 | 39.61 -0.13 -0.29 | 59.71 -0.52 -16.66 | 62.58 -0.73 -5.68 | 99.85 -1.72 -35.82 | 75.81 -2.53 -7.48 | 46.00 -1.20 0.00 | 44.71 -0.70 0.00 | 40.19 -0.68 0.00 | 29.79 -0.47 0.00 | 36.44 -0.68 0.00 |
| TEMPLE___115KV_TB 2 55572 | 25.79 0.12 0.00 | 24.97 -0.02 0.00 | 27.12 -0.15 0.00 | 24.69 -0.17 0.00 | 23.95 -0.10 0.00 | 26.02 -0.03 0.00 | 28.53 0.13 0.00 | 28.99 0.18 0.00 | 29.92 0.20 0.00 | 28.53 0.17 0.00 | 34.67 0.27 0.00 | 41.77 0.20 0.00 | 42.37 0.27 0.00 | 39.09 0.29 0.00 | 39.89 0.44 0.00 | 44.07 0.51 0.00 | 58.18 0.56 0.02 | 65.90 0.43 0.27 | 69.95 0.26 1.18 | 47.38 0.18 0.00 | 45.62 0.21 0.00 | 40.78 -0.09 0.00 | 30.18 -0.08 0.00 | 36.98 -0.13 0.00 |
| TIANA____69_KV_BK 1 55817 | 27.46 1.79 0.00 | 26.59 1.60 0.00 | 28.48 1.21 0.00 | 25.90 1.04 0.00 | 25.02 0.96 0.00 | 27.35 1.30 0.00 | 29.90 1.49 0.00 | 30.43 1.62 0.00 | 31.42 1.70 0.00 | 30.31 1.95 0.00 | 39.53 2.29 -2.84 | 44.15 2.43 -0.14 | 44.84 2.75 0.00 | 60.19 3.63 -17.76 | 66.96 4.43 -23.08 | 245.59 5.16 -196.86 | 310.48 7.22 -245.63 | 265.20 8.48 -190.98 | 182.10 8.71 -102.52 | 267.94 5.28 -215.46 | 115.49 4.79 -65.29 | 73.57 3.54 -29.17 | 34.95 2.38 -2.31 | 97.27 2.96 -57.19 |
| TILDEN___115KV_TB1 80814 | 25.90 0.23 0.00 | 25.07 0.08 0.00 | 27.25 -0.03 0.00 | 24.79 -0.07 0.00 | 24.04 -0.01 0.00 | 26.13 0.08 0.00 | 28.66 0.25 0.00 | 29.11 0.30 0.00 | 30.04 0.32 0.00 | 28.65 0.30 0.00 | 34.83 0.43 0.00 | 41.95 0.38 0.00 | 42.53 0.44 0.00 | 39.23 0.44 0.00 | 40.03 0.58 0.00 | 44.24 0.67 0.00 | 58.44 0.81 0.01 | 66.26 0.76 0.25 | 70.46 0.65 1.06 | 47.64 0.45 0.00 | 45.87 0.46 0.00 | 41.01 0.14 0.00 | 30.35 0.09 0.00 | 37.18 0.06 0.00 |

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| TRIGEN___CC 323695 | 27.38 1.70 0.00 | 26.55 1.56 0.00 | 28.60 1.32 0.00 | 26.00 1.14 0.00 | 25.16 1.10 0.00 | 27.47 1.42 0.00 | 30.02 1.61 0.00 | 30.47 1.67 0.00 | 31.43 1.71 0.00 | 30.22 1.87 0.00 | 39.60 2.35 -2.84 | 44.35 2.64 -0.14 | 44.84 2.75 0.00 | 75.45 3.33 -33.32 | 66.40 3.87 -23.08 | 244.97 4.54 -196.86 | 309.42 6.16 -245.63 | 251.12 6.84 -178.53 | 198.69 7.01 -120.82 | 267.08 4.43 -215.46 | 114.57 3.87 -65.29 | 72.79 2.75 -29.17 | 35.99 2.08 -3.65 | 99.89 2.77 -60.00 |
| TRINITY___115KV___4 BK 55933 | 25.96 0.28 0.00 | 25.28 0.29 0.00 | 27.57 0.30 0.00 | 25.13 0.27 0.00 | 24.32 0.26 0.00 | 26.45 0.40 0.00 | 28.70 0.29 0.00 | 28.98 0.17 0.00 | 29.89 0.17 0.00 | 28.55 0.20 0.00 | 31.95 0.14 2.59 | 41.65 0.21 0.13 | 42.23 0.13 0.00 | 39.28 0.48 0.00 | 40.25 0.80 0.00 | 44.45 0.89 0.00 | 58.63 1.00 0.00 | 67.02 1.28 0.00 | 72.34 1.48 0.00 | 48.19 1.00 0.00 | 46.34 0.93 0.00 | 41.23 0.36 0.00 | 30.54 0.28 0.00 | 37.49 0.38 0.00 |
| UNION___PROCESSING_DRP 323587 | 26.02 0.35 0.00 | 24.93 -0.05 0.00 | 26.98 -0.30 0.00 | 24.43 -0.43 0.00 | 23.73 -0.33 0.00 | 25.87 -0.18 0.00 | 28.67 0.26 0.00 | 29.23 0.43 0.00 | 30.14 0.42 0.00 | 28.52 0.17 0.00 | 35.05 0.64 0.00 | 41.93 0.36 0.00 | 42.77 0.68 0.00 | 39.13 0.33 0.00 | 39.72 0.30 0.04 | 40.55 0.22 3.23 | 54.12 0.24 3.75 | 69.73 -0.29 -4.27 | 70.42 -0.88 -0.43 | 46.85 -0.35 0.00 | 45.31 -0.10 0.00 | 40.65 -0.22 0.00 | 30.09 -0.17 0.00 | 36.73 -0.39 0.00 |
| UPPER HUDSON___HYD 24058 | 27.71 2.03 0.00 | 26.89 1.90 0.00 | 29.27 1.99 0.00 | 26.65 1.79 0.00 | 25.86 1.81 0.00 | 28.26 2.22 0.00 | 30.82 2.42 0.00 | 31.12 2.31 0.00 | 31.95 2.22 0.00 | 30.36 2.00 0.00 | 33.57 2.10 2.94 | 44.25 2.83 0.15 | 44.72 2.63 0.00 | 41.43 2.63 0.00 | 42.35 2.90 0.00 | 47.07 3.50 0.00 | 61.90 4.27 0.00 | 71.03 5.29 0.00 | 77.48 6.61 0.00 | 51.62 4.42 0.00 | 49.75 4.34 0.00 | 44.27 3.40 0.00 | 32.72 2.46 0.00 | 40.09 2.97 0.00 |
| UPPER RAQUET___HYD 24056 | 29.98 -1.09 -5.40 | 29.49 -0.90 -5.40 | 31.05 -0.71 -4.49 | 30.19 -0.56 -5.90 | 29.30 -0.54 -5.79 | 30.87 -0.68 -5.50 | 29.43 -0.69 -1.71 | 28.27 -0.54 0.00 | 29.22 -0.50 0.00 | 27.65 -0.70 0.00 | 33.49 -0.91 0.00 | 40.61 -0.97 0.00 | 40.99 -1.10 0.00 | 37.25 -1.55 0.00 | 36.76 -2.69 0.00 | 30.20 -3.09 10.28 | 53.37 -3.74 0.52 | 51.90 -4.07 9.77 | 24.79 -4.02 42.05 | 44.72 -2.48 0.00 | 43.23 -2.18 0.00 | 40.32 -0.55 0.00 | 29.84 -0.43 0.00 | 36.52 -0.60 0.00 |
| VALLEY44_115KV_TB2 355964 | 26.31 0.64 0.00 | 25.22 0.24 0.00 | 27.16 -0.12 0.00 | 24.52 -0.34 0.00 | 23.86 -0.19 0.00 | 26.09 0.04 0.00 | 29.08 0.68 0.00 | 29.75 0.94 0.00 | 30.57 0.85 0.00 | 28.83 0.47 0.00 | 35.65 1.25 0.00 | 42.66 1.09 0.00 | 43.54 1.45 0.00 | 39.84 1.04 0.00 | 41.12 1.08 -0.59 | 87.48 0.90 -43.01 | 94.28 1.17 -35.47 | 67.83 0.35 -1.73 | 74.65 -0.20 -3.99 | 47.22 0.02 0.00 | 45.65 0.24 0.00 | 40.82 -0.05 0.00 | 30.45 0.19 0.00 | 37.08 -0.04 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 25.87 0.19 0.00 | 25.14 0.15 0.00 | 27.40 0.13 0.00 | 25.00 0.14 0.00 | 24.15 0.09 0.00 | 26.25 0.20 0.00 | 28.60 0.20 0.00 | 28.99 0.19 0.00 | 30.02 0.30 0.00 | 28.60 0.24 0.00 | 34.51 0.11 0.00 | 41.70 0.13 0.00 | 41.97 -0.13 0.00 | 38.93 0.13 0.00 | 40.01 0.56 0.00 | 44.98 0.77 -0.63 | 58.50 0.87 0.01 | 66.92 1.39 0.22 | 71.75 1.81 0.93 | 48.54 1.34 0.00 | 46.76 1.35 0.00 | 41.58 0.71 0.00 | 30.71 0.44 0.00 | 37.61 0.49 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 26.74 1.06 0.00 | 25.92 0.93 0.00 | 28.28 1.01 0.00 | 25.71 0.86 0.00 | 24.91 0.86 0.00 | 27.10 1.05 0.00 | 29.57 1.17 0.00 | 30.01 1.21 0.00 | 31.01 1.28 0.00 | 29.68 1.32 0.00 | 36.11 1.71 0.00 | 43.55 1.98 0.00 | 44.17 2.08 0.00 | 40.89 2.09 0.00 | 41.85 2.36 -0.04 | 49.05 2.67 -2.81 | 63.56 3.54 -2.38 | 69.78 3.93 -0.11 | 75.23 4.10 -0.27 | 49.90 2.70 0.00 | 47.96 2.55 0.00 | 42.80 1.93 0.00 | 31.64 1.38 0.00 | 38.73 1.61 0.00 |
| VISCHER___FERRY HYD 24020 | 26.61 0.93 0.00 | 25.89 0.90 0.00 | 28.23 0.95 0.00 | 25.72 0.86 0.00 | 24.91 0.86 0.00 | 27.11 1.06 0.00 | 29.39 0.98 0.00 | 29.66 0.85 0.00 | 30.55 0.83 0.00 | 29.10 0.75 0.00 | 31.33 0.72 3.79 | 42.35 0.97 0.19 | 42.95 0.85 0.00 | 39.91 1.12 0.00 | 40.88 1.43 0.00 | 45.14 1.57 0.00 | 59.53 1.90 0.00 | 68.15 2.40 0.00 | 73.73 2.86 0.00 | 49.18 1.99 0.00 | 47.35 1.94 0.00 | 42.09 1.22 0.00 | 31.17 0.91 0.00 | 38.29 1.18 0.00 |
| V_A_10_SYNC_DSASP 323832 | 25.47 -0.20 0.00 | 24.32 -0.67 0.00 | 26.28 -0.99 0.00 | 23.75 -1.11 0.00 | 23.10 -0.96 0.00 | 25.21 -0.84 0.00 | 28.06 -0.35 0.00 | 28.64 -0.17 0.00 | 29.51 -0.21 0.00 | 27.81 -0.54 0.00 | 34.33 -0.07 0.00 | 40.94 -0.64 0.00 | 41.95 -0.15 0.00 | 38.20 -0.59 0.00 | 38.58 -0.63 0.25 | 25.66 -0.89 17.01 | 43.21 -1.37 13.06 | 57.21 -2.35 6.19 | 65.11 -3.21 2.54 | 45.44 -1.76 0.00 | 44.08 -1.33 0.00 | 39.65 -1.22 0.00 | 29.42 -0.85 0.00 | 35.94 -1.18 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 25.31 -0.36 0.00 | 24.74 -0.25 0.00 | 27.15 -0.13 0.00 | 24.76 -0.10 0.00 | 23.91 -0.14 0.00 | 25.77 -0.28 0.00 | 28.11 -0.30 0.00 | 28.62 -0.18 0.00 | 29.55 -0.18 0.00 | 28.07 -0.28 0.00 | 34.05 -0.35 0.00 | 41.32 -0.25 0.00 | 41.86 -0.24 0.00 | 38.15 -0.65 0.00 | 38.19 -1.26 0.00 | 29.15 -1.51 12.90 | 55.99 -1.73 -0.09 | 65.46 -1.88 -1.60 | 75.93 -1.80 -6.88 | 46.02 -1.18 0.00 | 44.26 -1.15 0.00 | 40.64 -0.23 0.00 | 30.11 -0.15 0.00 | 36.92 -0.19 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | -13.29 -0.70 38.26 | -14.00 -0.67 38.32 | -5.14 -0.57 31.85 | -17.40 -0.47 41.80 | -17.51 -0.53 41.02 | -13.47 -0.53 39.00 | 15.73 -0.54 12.13 | 28.63 -0.18 0.00 | 30.33 0.61 0.00 | 29.06 0.71 0.00 | 35.25 0.86 0.00 | 42.84 1.27 0.00 | 42.39 0.30 0.00 | 38.21 -0.58 0.00 | 37.74 -1.72 0.00 | 28.56 -2.18 12.82 | 54.68 -2.91 0.04 | 62.18 -2.75 0.81 | 65.08 -2.29 3.49 | 45.93 -1.26 0.00 | 44.82 -0.59 0.00 | 41.97 1.09 0.00 | 31.46 1.20 0.00 | 38.22 1.11 0.00 |
| V_D_10_SYNC_DSASP 323841 | 26.27 -0.34 -0.94 | 25.71 -0.22 -0.94 | 27.98 -0.08 -0.78 | 25.83 -0.05 -1.02 | 24.97 -0.09 -1.00 | 26.80 -0.21 -0.95 | 28.50 -0.20 -0.30 | 28.72 -0.09 0.00 | 29.64 -0.08 0.00 | 28.14 -0.21 0.00 | 34.12 -0.28 0.00 | 41.41 -0.16 0.00 | 41.93 -0.16 0.00 | 38.18 -0.61 0.00 | 37.94 -1.51 0.00 | 29.30 -1.79 12.48 | 55.71 -2.06 -0.13 | 65.91 -2.28 -2.44 | 79.16 -2.21 -10.50 | 45.80 -1.40 0.00 | 44.08 -1.33 0.00 | 40.81 -0.06 0.00 | 30.22 -0.04 0.00 | 37.05 -0.07 0.00 |
| V_E_10_SYNC_DSASP 323830 | 27.49 1.82 0.00 | 26.36 1.37 0.00 | 29.03 1.76 0.00 | 26.18 1.33 0.00 | 25.51 1.46 0.00 | 27.84 1.79 0.00 | 30.75 2.35 0.00 | 32.64 3.83 0.00 | 33.56 3.84 0.00 | 32.18 3.83 0.00 | 39.24 4.84 0.00 | 47.21 5.64 0.00 | 48.22 6.12 0.00 | 44.35 5.55 0.00 | 45.55 6.04 -0.06 | 54.79 6.68 -4.54 | 70.65 9.17 -3.84 | 76.13 10.20 -0.18 | 80.62 9.29 -0.47 | 52.76 5.56 0.00 | 50.72 5.31 0.00 | 45.16 4.29 0.00 | 33.25 2.99 0.00 | 40.42 3.30 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 27.33 1.66 0.00 | 26.54 1.55 0.00 | 28.89 1.62 0.00 | 26.32 1.46 0.00 | 25.52 1.47 0.00 | 27.83 1.78 0.00 | 30.27 1.87 0.00 | 30.57 1.77 0.00 | 31.49 1.76 0.00 | 29.93 1.58 0.00 | 32.90 1.73 3.22 | 43.70 2.29 0.16 | 44.26 2.17 0.00 | 41.08 2.29 0.00 | 42.02 2.56 0.00 | 46.54 2.98 0.00 | 61.40 3.76 0.00 | 70.36 4.62 0.00 | 76.25 5.38 0.00 | 50.81 3.61 0.00 | 48.91 3.50 0.00 | 43.44 2.58 0.00 | 32.14 1.87 0.00 | 39.42 2.31 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 26.11 0.43 0.00 | 25.41 0.42 0.00 | 27.71 0.44 0.00 | 25.25 0.39 0.00 | 24.44 0.39 0.00 | 26.59 0.54 0.00 | 28.86 0.45 0.00 | 29.16 0.36 0.00 | 30.10 0.38 0.00 | 28.74 0.39 0.00 | 32.17 0.39 2.62 | 41.97 0.54 0.13 | 42.58 0.48 0.00 | 39.58 0.78 0.00 | 40.57 1.12 0.00 | 44.81 1.24 0.00 | 59.11 1.47 0.00 | 67.57 1.82 0.00 | 72.88 2.02 0.00 | 48.52 1.33 0.00 | 46.66 1.25 0.00 | 41.49 0.62 0.00 | 30.72 0.46 0.00 | 37.68 0.57 0.00 |
| V_XM_10_SYNC_DSASP 323789 | -13.29 -0.70 38.26 | -14.00 -0.67 38.32 | -5.14 -0.57 31.85 | -17.40 -0.47 41.80 | -17.51 -0.53 41.02 | -13.47 -0.53 39.00 | 15.73 -0.54 12.13 | 28.63 -0.18 0.00 | 30.33 0.61 0.00 | 29.06 0.71 0.00 | 35.25 0.86 0.00 | 42.84 1.27 0.00 | 42.39 0.30 0.00 | 38.21 -0.58 0.00 | 37.74 -1.72 0.00 | 28.56 -2.18 12.82 | 54.68 -2.91 0.04 | 62.18 -2.75 0.81 | 65.08 -2.29 3.49 | 45.93 -1.26 0.00 | 44.82 -0.59 0.00 | 41.97 1.09 0.00 | 31.46 1.20 0.00 | 38.22 1.11 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 27.03 1.36 0.00 | 26.19 1.21 0.00 | 28.31 1.04 0.00 | 25.71 0.86 0.00 | 24.89 0.84 0.00 | 27.12 1.07 0.00 | 29.61 1.20 0.00 | 30.05 1.25 0.00 | 31.00 1.28 0.00 | 29.84 1.49 0.00 | 38.89 1.88 -2.61 | 43.97 2.27 -0.13 | 44.38 2.29 0.00 | 41.50 2.71 0.00 | 42.70 3.24 0.00 | 47.43 3.87 0.00 | 62.91 5.27 0.00 | 71.57 5.83 0.00 | 76.82 5.95 0.00 | 50.85 3.65 0.00 | 48.61 3.21 0.00 | 43.08 2.21 0.00 | 31.88 1.62 0.00 | 39.19 2.08 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 27.23 1.56 0.00 | 26.37 1.38 0.00 | 28.50 1.22 0.00 | 25.88 1.03 0.00 | 25.04 0.98 0.00 | 27.32 1.27 0.00 | 29.81 1.41 0.00 | 30.29 1.48 0.00 | 31.32 1.60 0.00 | 30.16 1.81 0.00 | 39.50 2.26 -2.84 | 44.37 2.66 -0.14 | 44.67 2.58 0.00 | 41.78 2.99 0.00 | 43.03 3.58 0.00 | 47.76 4.20 0.00 | 63.36 5.73 0.00 | 72.07 6.32 0.00 | 77.28 6.42 0.00 | 51.16 3.96 0.00 | 48.90 3.49 0.00 | 43.32 2.45 0.00 | 32.12 1.86 0.00 | 39.50 2.39 0.00 |
| W50THST__13_KV_LOAD 356117 | 27.35 1.67 0.00 | 26.48 1.49 0.00 | 28.62 1.34 0.00 | 25.99 1.13 0.00 | 25.15 1.10 0.00 | 27.45 1.40 0.00 | 29.97 1.56 0.00 | 30.46 1.66 0.00 | 31.51 1.79 0.00 | 30.35 2.00 0.00 | 39.74 2.50 -2.84 | 44.67 2.95 -0.14 | 44.99 2.89 0.00 | 42.08 3.28 0.00 | 43.33 3.88 0.00 | 48.10 4.53 0.00 | 63.81 6.17 0.00 | 72.58 6.84 0.00 | 77.78 6.91 0.00 | 51.47 4.28 0.00 | 49.18 3.77 0.00 | 43.56 2.69 0.00 | 32.28 2.01 0.00 | 39.69 2.58 0.00 |
| WADING RIVER_IC_1 23522 | 27.10 1.42 0.00 | 26.27 1.28 0.00 | 28.17 0.89 0.00 | 25.63 0.77 0.00 | 24.76 0.71 0.00 | 27.07 1.02 0.00 | 29.58 1.17 0.00 | 30.09 1.29 0.00 | 31.04 1.31 0.00 | 29.88 1.53 0.00 | 39.02 1.78 -2.84 | 43.50 1.79 -0.14 | 44.15 2.06 0.00 | 59.55 3.01 -17.75 | 66.28 3.75 -23.08 | 244.76 4.33 -196.86 | 309.28 6.02 -245.63 | 263.42 7.08 -190.59 | 180.63 7.26 -102.50 | 266.96 4.30 -215.46 | 114.60 3.90 -65.29 | 72.77 2.73 -29.17 | 34.44 1.88 -2.31 | 96.77 2.46 -57.19 |
| WADING RIVER_IC_2 23547 | 27.10 1.42 0.00 | 26.27 1.28 0.00 | 28.17 0.89 0.00 | 25.63 0.77 0.00 | 24.76 0.71 0.00 | 27.07 1.02 0.00 | 29.58 1.17 0.00 | 30.09 1.29 0.00 | 31.04 1.31 0.00 | 29.88 1.53 0.00 | 39.02 1.78 -2.84 | 43.50 1.79 -0.14 | 44.15 2.06 0.00 | 59.55 3.01 -17.75 | 66.28 3.75 -23.08 | 244.76 4.33 -196.86 | 309.28 6.02 -245.63 | 263.42 7.08 -190.59 | 180.63 7.26 -102.50 | 266.96 4.30 -215.46 | 114.60 3.90 -65.29 | 72.77 2.73 -29.17 | 34.44 1.88 -2.31 | 96.77 2.46 -57.19 |
| WADING RIVER_IC_3 23601 | 27.10 1.42 0.00 | 26.27 1.28 0.00 | 28.17 0.89 0.00 | 25.63 0.77 0.00 | 24.76 0.71 0.00 | 27.07 1.02 0.00 | 29.58 1.17 0.00 | 30.09 1.29 0.00 | 31.04 1.31 0.00 | 29.88 1.53 0.00 | 39.02 1.78 -2.84 | 43.50 1.79 -0.14 | 44.15 2.06 0.00 | 59.55 3.01 -17.75 | 66.28 3.75 -23.08 | 244.76 4.33 -196.86 | 309.28 6.02 -245.63 | 263.42 7.08 -190.59 | 180.63 7.26 -102.50 | 266.96 4.30 -215.46 | 114.60 3.90 -65.29 | 72.77 2.73 -29.17 | 34.44 1.88 -2.31 | 96.77 2.46 -57.19 |
| WALDENNY_12_KV_BK2 80841 | 25.97 0.30 0.00 | 24.69 -0.29 0.00 | 26.65 -0.62 0.00 | 24.03 -0.83 0.00 | 23.41 -0.65 0.00 | 25.59 -0.46 0.00 | 28.62 0.22 0.00 | 29.28 0.47 0.00 | 30.27 0.55 0.00 | 28.49 0.14 0.00 | 35.27 0.87 0.00 | 42.07 0.50 0.00 | 43.29 1.20 0.00 | 39.45 0.65 0.00 | 40.77 0.51 -0.81 | 100.81 0.20 -57.04 | 102.44 0.23 -44.57 | 70.31 -0.77 -5.33 | 74.86 -1.63 -5.62 | 46.53 -0.67 0.00 | 45.21 -0.20 0.00 | 40.56 -0.31 0.00 | 30.03 -0.23 0.00 | 36.64 -0.48 0.00 |
| WALDEN__HYDRO 24148 | 26.95 1.28 0.00 | 26.11 1.12 0.00 | 28.26 0.99 0.00 | 25.68 0.83 0.00 | 24.86 0.81 0.00 | 27.08 1.03 0.00 | 29.57 1.16 0.00 | 30.00 1.19 0.00 | 30.95 1.23 0.00 | 29.75 1.40 0.00 | 38.54 1.72 -2.42 | 43.79 2.09 -0.12 | 44.20 2.11 0.00 | 41.27 2.48 0.00 | 42.43 2.98 0.00 | 47.16 3.59 0.00 | 62.53 4.90 0.00 | 71.27 5.53 0.00 | 76.57 5.71 0.00 | 50.76 3.57 0.00 | 48.58 3.17 0.00 | 43.06 2.19 0.00 | 31.86 1.60 0.00 | 39.12 2.01 0.00 |
| WARRENSBURG____ 23737 | 27.71 2.03 0.00 | 26.89 1.90 0.00 | 29.27 1.99 0.00 | 26.65 1.79 0.00 | 25.86 1.81 0.00 | 28.26 2.22 0.00 | 30.82 2.42 0.00 | 31.12 2.31 0.00 | 31.95 2.22 0.00 | 30.36 2.00 0.00 | 33.57 2.10 2.94 | 44.25 2.83 0.15 | 44.72 2.63 0.00 | 41.43 2.63 0.00 | 42.35 2.90 0.00 | 47.07 3.50 0.00 | 61.90 4.27 0.00 | 71.03 5.29 0.00 | 77.48 6.61 0.00 | 51.62 4.42 0.00 | 49.75 4.34 0.00 | 44.27 3.40 0.00 | 32.72 2.46 0.00 | 40.09 2.97 0.00 |
| WATERSIDE____6 8 9 23538 | 25.96 1.62 1.33 | 26.43 1.45 0.00 | 28.55 1.28 0.00 | 25.95 1.09 0.00 | 25.11 1.06 0.00 | 27.37 1.32 0.00 | 29.89 1.48 0.00 | 30.35 1.54 0.00 | 31.37 1.65 0.00 | 30.21 1.86 0.00 | 39.55 2.30 -2.85 | 44.30 2.59 -0.14 | 44.54 2.45 0.00 | 41.64 2.84 0.00 | 42.86 3.41 0.00 | 47.57 4.00 0.00 | 63.13 5.49 0.00 | 71.78 6.03 0.00 | 76.98 6.11 0.00 | 50.97 3.77 0.00 | 48.72 3.31 0.00 | 43.22 2.35 0.00 | 31.60 1.79 0.46 | 38.43 2.45 1.13 |
| WATKINRD_115KV_LN8_ILLION 55919 | 25.85 0.18 0.00 | 25.13 0.15 0.00 | 27.39 0.12 0.00 | 24.97 0.11 0.00 | 24.16 0.10 0.00 | 26.25 0.20 0.00 | 28.60 0.20 0.00 | 28.97 0.17 0.00 | 29.91 0.19 0.00 | 28.50 0.15 0.00 | 34.46 0.06 0.00 | 41.64 0.07 0.00 | 42.00 -0.10 0.00 | 38.90 0.11 0.00 | 39.88 0.43 0.00 | 44.78 0.58 -0.63 | 58.30 0.67 0.01 | 66.58 1.05 0.22 | 71.26 1.33 0.93 | 48.16 0.96 0.00 | 46.37 0.96 0.00 | 41.32 0.45 0.00 | 30.54 0.28 0.00 | 37.42 0.31 0.00 |
| WATSON__69_KV_BK 1 55734 | 27.79 2.12 0.00 | 26.96 1.98 0.00 | 28.95 1.68 0.00 | 26.33 1.47 0.00 | 25.47 1.41 0.00 | 27.85 1.80 0.00 | 30.46 2.06 0.00 | 30.99 2.18 0.00 | 31.96 2.24 0.00 | 30.73 2.38 0.00 | 40.16 2.91 -2.84 | 44.93 3.22 -0.14 | 45.58 3.48 0.00 | 62.09 4.21 -19.08 | 67.54 5.00 -23.08 | 246.07 5.64 -196.86 | 310.87 7.61 -245.63 | 259.13 8.67 -184.71 | 183.93 9.00 -104.07 | 268.28 5.62 -215.46 | 115.75 5.05 -65.29 | 73.77 3.74 -29.17 | 35.36 2.71 -2.38 | 98.01 3.55 -57.35 |
| WDELAWARE__HYD 323627 | 26.03 0.36 0.00 | 25.21 0.22 0.00 | 27.30 0.03 0.00 | 24.80 -0.05 0.00 | 24.00 -0.05 0.00 | 26.15 0.10 0.00 | 28.55 0.14 0.00 | 28.97 0.17 0.00 | 29.89 0.17 0.00 | 28.73 0.37 0.00 | 36.72 0.50 -1.82 | 42.35 0.68 -0.09 | 42.76 0.67 0.00 | 39.95 1.15 0.00 | 40.99 1.54 0.00 | 45.70 2.13 0.00 | 60.69 3.05 0.00 | 69.26 3.51 0.00 | 74.44 3.58 0.00 | 49.43 2.23 0.00 | 47.29 1.87 0.00 | 41.89 1.03 0.00 | 30.92 0.66 0.00 | 37.92 0.80 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| WEST BABYLON___IC 23714 | 27.77 2.10 0.00 | 26.94 1.95 0.00 | 28.94 1.67 0.00 | 26.31 1.45 0.00 | 25.46 1.40 0.00 | 27.83 1.78 0.00 | 30.44 2.03 0.00 | 30.95 2.14 0.00 | 31.91 2.19 0.00 | 30.64 2.29 0.00 | 40.04 2.80 -2.84 | 44.80 3.08 -0.14 | 45.41 3.31 0.00 | 64.70 4.00 -21.91 | 67.26 4.72 -23.08 | 245.83 5.40 -196.86 | 310.60 7.34 -245.63 | 251.28 8.30 -177.23 | 186.91 8.66 -107.39 | 268.09 5.43 -215.46 | 115.51 4.82 -65.29 | 73.61 3.57 -29.17 | 35.43 2.62 -2.55 | 98.29 3.48 -57.69 |
| WEST CANADA___HYD 24049 | 25.77 0.10 0.00 | 25.07 0.08 0.00 | 27.34 0.06 0.00 | 24.92 0.06 0.00 | 24.13 0.07 0.00 | 26.18 0.13 0.00 | 28.54 0.13 0.00 | 28.92 0.11 0.00 | 29.83 0.11 0.00 | 28.46 0.11 0.00 | 34.53 0.13 0.00 | 41.71 0.13 0.00 | 42.22 0.13 0.00 | 39.01 0.21 0.00 | 39.81 0.36 0.00 | 44.61 0.41 -0.63 | 58.12 0.49 0.01 | 66.10 0.57 0.22 | 70.55 0.61 0.93 | 47.60 0.41 0.00 | 45.80 0.39 0.00 | 41.03 0.16 0.00 | 30.39 0.12 0.00 | 37.27 0.15 0.00 |
| WESTERN_NY_WIND 24143 | 26.55 0.88 0.00 | 25.26 0.27 0.00 | 27.28 0.01 0.00 | 24.62 -0.23 0.00 | 23.97 -0.08 0.00 | 26.20 0.15 0.00 | 29.23 0.83 0.00 | 29.91 1.10 0.00 | 30.83 1.11 0.00 | 29.03 0.68 0.00 | 35.87 1.47 0.00 | 42.68 1.11 0.00 | 43.72 1.62 0.00 | 39.77 0.97 0.00 | 40.66 0.97 -0.24 | 57.78 0.72 -13.49 | 62.70 0.90 -4.17 | 96.79 0.26 -30.79 | 76.85 -0.37 -6.35 | 47.38 0.19 0.00 | 45.95 0.54 0.00 | 41.20 0.34 0.00 | 30.49 0.23 0.00 | 37.21 0.10 0.00 |
| WESTOVER___LESR 323668 | 26.15 0.48 0.00 | 25.24 0.25 0.00 | 27.41 0.14 0.00 | 24.88 0.02 0.00 | 24.13 0.07 0.00 | 26.28 0.23 0.00 | 28.87 0.46 0.00 | 29.37 0.57 0.00 | 30.28 0.56 0.00 | 28.88 0.53 0.00 | 35.28 0.88 0.00 | 42.53 0.96 0.00 | 43.19 1.09 0.00 | 39.92 1.12 0.00 | 40.95 1.41 -0.08 | 51.58 1.64 -6.37 | 65.17 2.14 -5.40 | 68.01 2.00 -0.26 | 73.26 1.80 -0.60 | 48.35 1.15 0.00 | 46.55 1.14 0.00 | 41.49 0.62 0.00 | 30.71 0.45 0.00 | 37.54 0.42 0.00 |
| WETHRSFD_WT_PWR 323626 | 25.53 -0.15 0.00 | 24.36 -0.63 0.00 | 26.27 -1.01 0.00 | 23.66 -1.20 0.00 | 23.05 -1.01 0.00 | 25.24 -0.81 0.00 | 28.23 -0.17 0.00 | 28.93 0.12 0.00 | 29.94 0.22 0.00 | 28.28 -0.07 0.00 | 34.89 0.49 0.00 | 41.75 0.18 0.00 | 42.84 0.75 0.00 | 39.20 0.41 0.00 | 40.44 0.48 -0.51 | 81.58 0.32 -37.69 | 91.13 0.24 -33.25 | 66.66 -0.71 -1.62 | 73.25 -1.35 -3.74 | 46.69 -0.51 0.00 | 45.25 -0.16 0.00 | 40.51 -0.36 0.00 | 30.04 -0.22 0.00 | 36.65 -0.47 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 26.91 1.24 0.00 | 26.08 1.10 0.00 | 28.20 0.93 0.00 | 25.62 0.76 0.00 | 24.79 0.74 0.00 | 27.01 0.96 0.00 | 29.47 1.07 0.00 | 29.90 1.10 0.00 | 30.83 1.11 0.00 | 29.67 1.32 0.00 | 38.67 1.65 -2.62 | 43.67 1.97 -0.13 | 44.06 1.97 0.00 | 41.20 2.40 0.00 | 42.38 2.93 0.00 | 47.06 3.49 0.00 | 62.41 4.78 0.00 | 71.03 5.28 0.00 | 76.23 5.37 0.00 | 50.48 3.29 0.00 | 48.27 2.86 0.00 | 42.78 1.91 0.00 | 31.68 1.42 0.00 | 38.97 1.85 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 26.91 1.24 0.00 | 26.08 1.10 0.00 | 28.20 0.93 0.00 | 25.62 0.76 0.00 | 24.79 0.74 0.00 | 27.01 0.96 0.00 | 29.47 1.07 0.00 | 29.90 1.10 0.00 | 30.83 1.11 0.00 | 29.67 1.32 0.00 | 38.67 1.65 -2.62 | 43.67 1.97 -0.13 | 44.06 1.97 0.00 | 41.20 2.40 0.00 | 42.38 2.93 0.00 | 47.06 3.49 0.00 | 62.41 4.78 0.00 | 71.03 5.28 0.00 | 76.23 5.37 0.00 | 50.48 3.29 0.00 | 48.27 2.86 0.00 | 42.78 1.91 0.00 | 31.68 1.42 0.00 | 38.97 1.85 0.00 |
| WHITEHAL_115KV_TB1 80871 | 28.47 2.80 0.00 | 27.50 2.52 0.00 | 29.90 2.63 0.00 | 27.17 2.32 0.00 | 26.41 2.36 0.00 | 29.18 3.13 0.00 | 31.98 3.58 0.00 | 31.89 3.09 0.00 | 32.29 2.57 0.00 | 30.66 2.31 0.00 | 33.89 2.43 2.94 | 45.28 3.86 0.15 | 45.10 3.01 0.00 | 41.56 2.76 0.00 | 42.54 3.10 0.00 | 47.92 4.35 0.00 | 63.05 5.42 0.00 | 72.42 6.67 0.00 | 79.41 8.55 0.00 | 53.09 5.89 0.00 | 51.25 5.84 0.00 | 45.14 4.27 0.00 | 33.58 3.32 0.00 | 41.29 4.17 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 27.38 1.71 0.00 | 26.51 1.52 0.00 | 28.64 1.37 0.00 | 26.03 1.17 0.00 | 25.20 1.15 0.00 | 27.47 1.42 0.00 | 30.02 1.61 0.00 | 30.49 1.69 0.00 | 31.51 1.79 0.00 | 30.34 1.99 0.00 | 39.73 2.50 -2.84 | 44.74 3.02 -0.14 | 45.17 3.08 0.00 | 42.22 3.43 0.00 | 43.47 4.02 0.00 | 48.30 4.73 0.00 | 64.12 6.48 0.00 | 72.98 7.23 0.00 | 78.26 7.40 0.00 | 51.80 4.60 0.00 | 49.49 4.08 0.00 | 43.81 2.94 0.00 | 32.44 2.17 0.00 | 39.84 2.72 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 27.35 1.67 0.00 | 26.52 1.54 0.00 | 28.45 1.17 0.00 | 25.88 1.02 0.00 | 25.01 0.96 0.00 | 27.35 1.30 0.00 | 29.88 1.47 0.00 | 30.40 1.59 0.00 | 31.35 1.63 0.00 | 30.14 1.79 0.00 | 39.34 2.09 -2.84 | 43.88 2.16 -0.14 | 44.52 2.43 0.00 | 59.96 3.33 -17.83 | 66.66 4.12 -23.08 | 245.14 4.71 -196.86 | 309.74 6.48 -245.63 | 266.28 7.61 -192.93 | 181.35 7.88 -102.60 | 267.42 4.76 -215.46 | 114.99 4.30 -65.29 | 73.10 3.07 -29.17 | 34.72 2.14 -2.31 | 97.11 2.80 -57.20 |
| WOODARD___115KV_TB2 355635 | 25.68 0.00 0.00 | 24.88 -0.11 0.00 | 27.04 -0.24 0.00 | 24.62 -0.24 0.00 | 23.88 -0.17 0.00 | 25.93 -0.12 0.00 | 28.41 0.01 0.00 | 28.85 0.05 0.00 | 29.77 0.04 0.00 | 28.38 0.03 0.00 | 34.49 0.09 0.00 | 41.55 -0.03 0.00 | 42.13 0.04 0.00 | 38.87 0.08 0.00 | 39.64 0.19 0.00 | 43.80 0.23 0.00 | 57.86 0.24 0.01 | 65.65 0.17 0.27 | 69.73 0.01 1.15 | 47.22 0.02 0.00 | 45.47 0.06 0.00 | 40.67 -0.20 0.00 | 30.11 -0.15 0.00 | 36.88 -0.24 0.00 |
| YORK___WARBASSE 23770 | 36.43 1.79 -8.97 | 26.60 1.61 0.00 | 28.71 1.43 0.00 | 26.06 1.20 0.00 | 25.21 1.16 0.00 | 27.50 1.45 0.00 | 30.03 1.62 0.00 | 30.49 1.69 0.00 | 31.51 1.78 0.00 | 30.34 1.99 0.00 | 39.70 2.46 -2.85 | 44.52 2.80 -0.14 | 44.78 2.69 0.00 | 41.85 3.05 0.00 | 43.04 3.59 0.00 | 47.70 4.13 0.00 | 63.37 5.73 0.00 | 71.92 6.18 0.00 | 77.09 6.22 0.00 | 51.10 3.90 0.00 | 48.88 3.47 0.00 | 43.42 2.55 0.00 | 35.26 1.92 -3.07 | 49.22 2.69 -9.42 |