

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/25/2025

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|
| PTID | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 | 46.90 | 46.72 | 42.07 | 40.71 | 42.18 | 42.12 | 48.01 | 50.60 | 50.95 | 55.40 | 57.23 | 55.20 | 54.02 | 64.97 | 59.77 | 60.31 | 231.74 | 71.29 | 65.50 | 114.15 | 55.36 | 46.24 | 41.29 | 49.81 |
| 24138 | 2.47 | 2.28 | 1.95 | 1.83 | 1.89 | 1.93 | 2.36 | 2.64 | 2.63 | 2.96 | 3.08 | 3.28 | 3.25 | 3.64 | 3.31 | 3.39 | 14.06 | 4.38 | 4.01 | 6.46 | 3.29 | 2.73 | 2.34 | 2.82 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.49 | 4.21 | 2.85 | 0.06 | 0.08 | 0.06 | 0.00 | 0.00 | 0.00 | -0.34 | -0.63 | -0.05 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 46.95 | 46.79 | 42.15 | 40.78 | 42.24 | 42.18 | 48.09 | 50.67 | 50.99 | 60.06 | 68.10 | 148.19 | 117.01 | 66.38 | 61.56 | 61.66 | 231.84 | 71.37 | 65.55 | 114.36 | 56.53 | 46.58 | 41.35 | 49.87 |
| 24260 | 2.52 | 2.35 | 2.02 | 1.89 | 1.95 | 1.99 | 2.43 | 2.72 | 2.67 | 3.03 | 3.13 | 3.36 | 3.35 | 3.71 | 3.37 | 3.41 | 14.17 | 4.45 | 4.06 | 6.67 | 3.37 | 2.79 | 2.40 | 2.88 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.38 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.73 | -0.33 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 46.95 | 46.79 | 42.15 | 40.78 | 42.24 | 42.18 | 48.09 | 50.67 | 50.99 | 60.06 | 68.10 | 148.19 | 117.01 | 66.38 | 61.56 | 61.66 | 231.84 | 71.37 | 65.55 | 114.36 | 56.53 | 46.58 | 41.35 | 49.87 |
| 24261 | 2.52 | 2.35 | 2.02 | 1.89 | 1.95 | 1.99 | 2.43 | 2.72 | 2.67 | 3.03 | 3.13 | 3.36 | 3.35 | 3.71 | 3.37 | 3.41 | 14.17 | 4.45 | 4.06 | 6.67 | 3.37 | 2.79 | 2.40 | 2.88 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.38 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.73 | -0.33 | 0.00 | 0.00 |
| ADK HUDSON__FALLS | 48.08 | 48.04 | 43.44 | 41.99 | 43.32 | 42.89 | 48.78 | 51.19 | 51.43 | 55.78 | 57.65 | 59.13 | 56.41 | 64.57 | 59.92 | 60.55 | 231.98 | 71.32 | 65.67 | 114.89 | 55.75 | 46.31 | 41.36 | 49.86 |
| 24011 | 3.65 | 3.60 | 3.17 | 3.11 | 3.03 | 2.69 | 3.12 | 3.23 | 3.11 | 3.12 | 3.00 | 3.00 | 2.79 | 3.18 | 3.39 | 3.57 | 14.30 | 4.40 | 4.18 | 7.11 | 3.45 | 2.77 | 2.40 | 2.88 |
| | 0.00 | 0.00 | -0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.43 | -0.86 | -0.08 | 0.00 | -0.01 |
| ADK RESOURCE__RCVRY | 48.45 | 48.40 | 43.73 | 42.28 | 43.63 | 43.24 | 49.21 | 51.59 | 51.83 | 56.13 | 57.93 | 59.43 | 56.71 | 64.98 | 60.37 | 61.07 | 233.96 | 71.91 | 66.28 | 115.89 | 56.17 | 46.63 | 41.64 | 50.22 |
| 23798 | 4.03 | 3.95 | 3.46 | 3.39 | 3.34 | 3.04 | 3.56 | 3.64 | 3.51 | 3.48 | 3.28 | 3.30 | 3.09 | 3.58 | 3.84 | 4.09 | 16.29 | 4.99 | 4.78 | 8.11 | 3.87 | 3.10 | 2.69 | 3.23 |
| | 0.00 | 0.00 | -0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.43 | -0.86 | -0.08 | 0.00 | -0.01 |
| ADK S GLENS__FALLS | 48.08 | 48.04 | 43.44 | 41.99 | 43.32 | 42.89 | 48.78 | 51.19 | 51.43 | 55.78 | 57.65 | 59.13 | 56.41 | 64.57 | 59.92 | 60.55 | 231.98 | 71.32 | 65.67 | 114.89 | 55.75 | 46.31 | 41.36 | 49.86 |
| 24028 | 3.65 | 3.60 | 3.17 | 3.11 | 3.03 | 2.69 | 3.12 | 3.23 | 3.11 | 3.12 | 3.00 | 3.00 | 2.79 | 3.18 | 3.39 | 3.57 | 14.30 | 4.40 | 4.18 | 7.11 | 3.45 | 2.77 | 2.40 | 2.88 |
| | 0.00 | 0.00 | -0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.43 | -0.86 | -0.08 | 0.00 | -0.01 |
| ADK_NYS__DAM | 47.29 | 47.22 | 42.71 | 41.29 | 42.71 | 42.52 | 48.07 | 50.51 | 50.72 | 55.04 | 56.79 | 58.41 | 56.06 | 64.10 | 59.27 | 59.87 | 229.18 | 70.51 | 64.85 | 113.57 | 55.16 | 46.01 | 41.18 | 49.70 |
| 23527 | 2.86 | 2.77 | 2.46 | 2.40 | 2.42 | 2.33 | 2.42 | 2.55 | 2.40 | 2.39 | 2.14 | 2.28 | 2.44 | 2.71 | 2.74 | 2.88 | 11.50 | 3.60 | 3.36 | 5.81 | 2.89 | 2.48 | 2.23 | 2.71 |
| | 0.00 | 0.00 | -0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.42 | -0.83 | -0.08 | 0.00 | 0.00 |
| AIR_PRODUCTS__DRP | 45.47 | 45.44 | 41.23 | 39.84 | 41.23 | 41.06 | 46.50 | 48.95 | 49.21 | 53.49 | 55.37 | 56.86 | 54.46 | 62.31 | 57.49 | 58.01 | 221.77 | 68.24 | 62.71 | 109.83 | 53.38 | 44.53 | 39.84 | 48.01 |
| 24190 | 1.05 | 1.00 | 0.99 | 0.95 | 0.94 | 0.87 | 0.84 | 1.00 | 0.89 | 0.84 | 0.72 | 0.73 | 0.84 | 0.91 | 0.95 | 1.03 | 4.10 | 1.32 | 1.21 | 2.07 | 1.12 | 0.99 | 0.89 | 1.02 |
| | 0.00 | 0.00 | -0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.42 | -0.83 | -0.08 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 43.52 | 43.58 | 38.86 | 38.04 | 39.52 | 40.35 | 46.18 | 48.38 | 49.21 | 53.85 | 56.35 | 58.90 | 55.87 | 63.71 | 58.43 | 58.53 | 217.85 | 67.90 | 62.51 | 109.25 | 52.21 | 43.82 | 39.57 | 47.43 |
| 355683 | -0.91 | -0.86 | -0.71 | -0.84 | -0.76 | 0.15 | 0.52 | 0.42 | 0.89 | 1.20 | 1.71 | 2.78 | 2.25 | 2.31 | 1.89 | 1.54 | 0.17 | 0.99 | 1.02 | 1.90 | 0.77 | 0.36 | 0.62 | 0.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | 46.20 | 46.24 | 41.90 | 40.47 | 41.90 | 41.73 | 47.33 | 49.76 | 49.99 | 54.38 | 56.28 | 57.77 | 55.27 | 63.33 | 58.45 | 58.95 | 225.33 | 69.43 | 63.82 | 111.87 | 54.31 | 45.27 | 40.50 | 48.85 |
| 323833 | 1.78 | 1.80 | 1.66 | 1.59 | 1.61 | 1.54 | 1.68 | 1.80 | 1.67 | 1.73 | 1.63 | 1.65 | 1.65 | 1.94 | 1.91 | 1.96 | 7.66 | 2.51 | 2.33 | 4.12 | 2.06 | 1.74 | 1.55 | 1.86 |
| | 0.00 | 0.00 | -0.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.41 | -0.82 | -0.07 | 0.00 | 0.00 |
| ALBANY_2_SOLAR | 46.19 | 46.21 | 41.89 | 40.47 | 41.88 | 41.72 | 47.32 | 49.74 | 49.97 | 54.37 | 56.25 | 57.75 | 55.24 | 63.32 | 58.43 | 58.92 | 225.16 | 69.40 | 63.81 | 111.84 | 54.29 | 45.25 | 40.49 | 48.84 |
| 323834 | 1.77 | 1.77 | 1.65 | 1.58 | 1.60 | 1.53 | 1.67 | 1.78 | 1.65 | 1.73 | 1.61 | 1.63 | 1.62 | 1.93 | 1.90 | 1.94 | 7.48 | 2.49 | 2.31 | 4.08 | 2.03 | 1.72 | 1.53 | 1.85 |
| | 0.00 | 0.00 | -0.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.41 | -0.82 | -0.07 | 0.00 | 0.00 |
| ALBANY__1 | 45.47 | 45.44 | 41.23 | 39.84 | 41.23 | 41.06 | 46.50 | 48.95 | 49.21 | 53.49 | 55.37 | 56.86 | 54.46 | 62.31 | 57.49 | 58.01 | 221.77 | 68.24 | 62.71 | 109.83 | 53.38 | 44.53 | 39.84 | 48.01 |
| 23571 | 1.05 | 1.00 | 0.99 | 0.95 | 0.94 | 0.87 | 0.84 | 1.00 | 0.89 | 0.84 | 0.72 | 0.73 | 0.84 | 0.91 | 0.95 | 1.03 | 4.10 | 1.32 | 1.21 | 2.07 | 1.12 | 0.99 | 0.89 | 1.02 |
| | 0.00 | 0.00 | -0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.42 | -0.83 | -0.08 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 45.47 1.05 0.00 | 45.44 1.00 0.00 | 41.23 0.99 -0.67 | 39.84 0.95 0.00 | 41.23 0.94 0.00 | 41.06 0.87 0.00 | 46.50 0.84 0.00 | 48.95 1.00 0.00 | 49.21 0.89 0.00 | 53.49 0.84 0.00 | 55.37 0.72 0.00 | 56.86 0.73 0.00 | 54.46 0.84 0.00 | 62.31 0.91 0.00 | 57.49 0.95 0.00 | 58.01 1.03 0.00 | 221.77 4.10 0.00 | 68.24 1.32 0.00 | 62.71 1.21 0.00 | 109.83 2.07 -0.42 | 53.38 1.12 -0.83 | 44.53 0.99 -0.08 | 39.84 0.89 0.00 | 48.01 1.02 0.00 |
| ALBANY___3 23573 | 45.47 1.05 0.00 | 45.44 1.00 0.00 | 41.23 0.99 -0.67 | 39.84 0.95 0.00 | 41.23 0.94 0.00 | 41.06 0.87 0.00 | 46.50 0.84 0.00 | 48.95 1.00 0.00 | 49.21 0.89 0.00 | 53.49 0.84 0.00 | 55.37 0.72 0.00 | 56.86 0.73 0.00 | 54.46 0.84 0.00 | 62.31 0.91 0.00 | 57.49 0.95 0.00 | 58.01 1.03 0.00 | 221.77 4.10 0.00 | 68.24 1.32 0.00 | 62.71 1.21 0.00 | 109.83 2.07 -0.42 | 53.38 1.12 -0.83 | 44.53 0.99 -0.08 | 39.84 0.89 0.00 | 48.01 1.02 0.00 |
| ALBANY___4 23574 | 45.47 1.05 0.00 | 45.44 1.00 0.00 | 41.23 0.99 -0.67 | 39.84 0.95 0.00 | 41.23 0.94 0.00 | 41.06 0.87 0.00 | 46.50 0.84 0.00 | 48.95 1.00 0.00 | 49.21 0.89 0.00 | 53.49 0.84 0.00 | 55.37 0.72 0.00 | 56.86 0.73 0.00 | 54.46 0.84 0.00 | 62.31 0.91 0.00 | 57.49 0.95 0.00 | 58.01 1.03 0.00 | 221.77 4.10 0.00 | 68.24 1.32 0.00 | 62.71 1.21 0.00 | 109.83 2.07 -0.42 | 53.38 1.12 -0.83 | 44.53 0.99 -0.08 | 39.84 0.89 0.00 | 48.01 1.02 0.00 |
| ALBANY___LFGE 323615 | 45.89 1.46 0.00 | 45.88 1.44 0.00 | 41.60 1.35 -0.67 | 40.19 1.31 0.00 | 41.61 1.31 0.00 | 41.45 1.25 0.00 | 46.96 1.30 0.00 | 49.46 1.51 0.00 | 49.70 1.38 0.00 | 54.04 1.39 0.00 | 55.96 1.31 0.00 | 57.46 1.33 0.00 | 55.02 1.40 0.00 | 62.98 1.58 0.00 | 58.11 1.58 0.00 | 58.64 1.65 0.00 | 224.25 6.58 0.00 | 68.99 2.07 0.00 | 63.39 1.89 0.00 | 111.00 3.24 -0.42 | 53.93 1.66 -0.83 | 44.97 1.43 -0.08 | 40.21 1.26 0.00 | 48.46 1.47 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 43.82 -0.60 0.00 | 43.89 -0.55 0.00 | 39.14 -0.43 0.00 | 38.31 -0.58 0.00 | 39.79 -0.50 0.00 | 40.59 0.40 0.00 | 46.43 0.78 0.00 | 48.65 0.69 0.00 | 49.51 1.18 0.00 | 54.15 1.50 0.00 | 56.71 2.06 0.00 | 59.24 3.11 0.00 | 56.24 2.62 0.00 | 64.10 2.71 0.00 | 58.81 2.28 0.00 | 58.87 1.88 0.00 | 219.25 1.58 0.00 | 68.25 1.33 0.00 | 62.82 1.33 0.00 | 109.83 2.48 0.00 | 52.45 1.02 0.00 | 44.06 0.60 0.00 | 39.80 0.85 0.00 | 47.73 0.75 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 43.82 -0.60 0.00 | 43.89 -0.55 0.00 | 39.14 -0.43 0.00 | 38.31 -0.58 0.00 | 39.79 -0.50 0.00 | 40.59 0.40 0.00 | 46.43 0.78 0.00 | 48.65 0.69 0.00 | 49.51 1.18 0.00 | 54.15 1.50 0.00 | 56.71 2.06 0.00 | 59.24 3.11 0.00 | 56.24 2.62 0.00 | 64.10 2.71 0.00 | 58.81 2.28 0.00 | 58.87 1.88 0.00 | 219.25 1.58 0.00 | 68.25 1.33 0.00 | 62.82 1.33 0.00 | 109.83 2.48 0.00 | 52.45 1.02 0.00 | 44.06 0.60 0.00 | 39.80 0.85 0.00 | 47.73 0.75 0.00 |
| ALCOA___DSASP 323711 | 43.82 -0.60 0.00 | 43.89 -0.55 0.00 | 39.14 -0.43 0.00 | 38.31 -0.58 0.00 | 39.79 -0.50 0.00 | 40.59 0.40 0.00 | 46.43 0.78 0.00 | 48.65 0.69 0.00 | 49.51 1.18 0.00 | 54.15 1.50 0.00 | 56.71 2.06 0.00 | 59.24 3.11 0.00 | 56.24 2.62 0.00 | 64.10 2.71 0.00 | 58.81 2.28 0.00 | 58.87 1.88 0.00 | 219.25 1.58 0.00 | 68.25 1.33 0.00 | 62.82 1.33 0.00 | 109.83 2.48 0.00 | 52.45 1.02 0.00 | 44.06 0.60 0.00 | 39.80 0.85 0.00 | 47.73 0.75 0.00 |
| ALLEGHENY___COGEN 23514 | 45.21 0.79 0.00 | 45.31 0.86 0.00 | 40.21 0.54 -0.10 | 39.62 0.73 0.00 | 41.33 1.04 0.00 | 41.44 1.25 0.00 | 47.14 1.49 0.00 | 49.07 1.11 0.00 | 49.87 1.55 0.00 | 54.39 1.74 0.00 | 56.55 1.90 0.00 | 57.47 1.34 0.00 | 54.77 1.15 0.00 | 63.22 1.82 0.00 | 57.70 1.17 0.00 | 58.07 1.09 0.00 | 220.88 3.21 0.00 | 68.12 1.21 0.00 | 62.53 1.04 0.00 | 109.32 1.91 -0.06 | 51.99 0.43 -0.12 | 43.80 0.33 -0.01 | 39.29 0.34 0.00 | 47.47 0.49 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 45.51 1.09 0.00 | 45.51 1.07 0.00 | 41.27 1.03 -0.67 | 39.87 0.98 0.00 | 41.27 0.98 0.00 | 41.10 0.91 0.00 | 46.62 0.96 0.00 | 49.03 1.07 0.00 | 49.30 0.98 0.00 | 53.65 1.01 0.00 | 55.59 0.94 0.00 | 57.11 0.99 0.00 | 54.65 1.03 0.00 | 62.54 1.15 0.00 | 57.65 1.12 0.00 | 58.17 1.18 0.00 | 222.43 4.75 0.00 | 68.40 1.48 0.00 | 62.88 1.39 0.00 | 110.17 2.41 -0.41 | 53.52 1.25 -0.83 | 44.60 1.07 -0.08 | 39.89 0.94 0.00 | 48.12 1.13 0.00 |
| ALTONA_WT_PWR 323606 | 43.40 -1.03 0.00 | 43.41 -1.03 0.00 | 38.74 -0.83 0.00 | 37.90 -0.99 0.00 | 39.29 -1.00 0.00 | 40.41 0.21 0.00 | 46.57 0.91 0.00 | 48.90 0.94 0.00 | 49.65 1.33 0.00 | 54.30 1.66 0.00 | 56.91 2.27 0.00 | 59.43 3.30 0.00 | 56.36 2.74 0.00 | 64.28 2.89 0.00 | 59.05 2.52 0.00 | 59.25 2.26 0.00 | 221.38 3.70 0.00 | 68.68 1.77 0.00 | 63.36 1.87 0.00 | 110.59 3.25 0.00 | 52.79 1.35 0.00 | 44.36 0.90 0.00 | 40.06 1.11 0.00 | 48.04 1.06 0.00 |
| AMERICAN_REF_FUEL 24010 | 43.24 -1.18 0.00 | 43.51 -0.93 0.00 | 38.51 -1.15 -0.09 | 37.99 -0.90 0.00 | 39.45 -0.84 0.00 | 39.01 -1.19 0.00 | 43.66 -2.00 0.00 | 45.18 -2.77 0.00 | 45.90 -2.43 0.00 | 50.66 -1.98 0.00 | 53.21 -1.43 0.00 | 53.99 -2.14 0.00 | 50.80 -2.82 0.00 | 58.36 -3.04 0.00 | 53.34 -3.20 0.00 | 53.61 -3.38 0.00 | 202.13 -15.54 0.00 | 62.50 -4.41 0.00 | 57.43 -4.06 0.00 | 100.38 -7.02 -0.05 | 47.69 -3.85 -0.11 | 40.41 -3.06 -0.01 | 36.59 -2.36 0.00 | 44.48 -2.50 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 42.38 -2.04 0.00 | 42.76 -1.69 0.00 | 37.77 -1.90 -0.10 | 37.21 -1.67 0.00 | 38.80 -1.49 0.00 | 38.96 -1.23 0.00 | 44.15 -1.51 0.00 | 45.40 -2.56 0.00 | 46.48 -1.84 0.00 | 51.13 -1.52 0.00 | 53.41 -1.23 0.00 | 54.57 -1.56 0.00 | 51.21 -2.41 0.00 | 58.55 -2.84 0.00 | 53.66 -2.87 0.00 | 54.15 -2.84 0.00 | 204.13 -13.54 0.00 | 62.72 -4.19 0.00 | 57.92 -3.58 0.00 | 101.76 -5.65 -0.06 | 48.44 -3.12 -0.12 | 41.11 -2.36 -0.01 | 36.97 -1.98 0.00 | 45.19 -1.80 0.00 |
| ARTHUR KILL_GT_1 23520 | 46.60 2.18 0.00 | 46.49 2.05 0.00 | 41.89 1.76 -0.55 | 40.52 1.64 0.00 | 41.97 1.69 0.00 | 41.94 1.75 0.00 | 47.81 2.15 0.00 | 50.36 2.40 0.00 | 50.61 2.29 0.00 | 59.80 2.77 -4.38 | 67.69 2.72 -10.32 | 148.12 3.29 -88.70 | 116.85 3.19 -60.05 | 65.74 3.07 -1.27 | 60.93 2.74 -1.66 | 61.03 2.79 -1.26 | 229.56 11.89 0.00 | 70.68 3.76 0.00 | 64.98 3.49 0.00 | 113.44 5.75 -0.34 | 56.19 3.03 -1.73 | 46.28 2.49 -0.33 | 41.04 2.09 0.00 | 49.51 2.52 0.00 |
| ARTHUR_KILL_2 23512 | 46.48 2.05 0.00 | 46.37 1.93 0.00 | 41.78 1.65 -0.55 | 40.41 1.52 0.00 | 41.86 1.57 0.00 | 41.83 1.63 0.00 | 47.66 2.01 0.00 | 50.21 2.26 0.00 | 50.46 2.14 0.00 | 59.65 2.61 -4.39 | 67.52 2.55 -10.32 | 147.95 3.12 -88.70 | 116.71 3.05 -60.05 | 65.56 2.89 -1.27 | 60.77 2.58 -1.66 | 60.85 2.61 -1.26 | 228.97 11.30 0.00 | 70.47 3.56 0.00 | 64.79 3.30 0.00 | 113.12 5.43 -0.34 | 56.04 2.87 -1.74 | 46.15 2.36 -0.33 | 40.93 1.98 0.00 | 49.38 2.39 0.00 |
| ARTHUR_KILL_3 23513 | 46.56 2.14 0.00 | 46.42 1.98 0.00 | 41.81 1.68 -0.55 | 40.45 1.56 0.00 | 41.89 1.60 0.00 | 41.84 1.64 0.00 | 47.69 2.03 0.00 | 50.22 2.26 0.00 | 50.51 2.19 0.00 | 59.56 2.46 -4.45 | 67.64 2.53 -10.46 | 148.73 2.68 -89.92 | 117.20 2.71 -60.87 | 65.75 3.07 -1.29 | 61.01 2.80 -1.68 | 61.11 2.85 -1.28 | 229.79 12.11 0.00 | 70.74 3.84 0.00 | 64.99 3.49 0.00 | 113.32 5.63 -0.34 | 56.10 2.91 -1.75 | 46.19 2.40 -0.33 | 41.03 2.08 0.00 | 49.50 2.51 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 46.60 2.18 0.00 | 46.49 2.05 0.00 | 41.89 1.76 -0.55 | 40.52 1.64 0.00 | 41.98 1.69 0.00 | 41.94 1.75 0.00 | 47.80 2.15 0.00 | 50.36 2.40 0.00 | 50.61 2.29 0.00 | 59.80 2.77 -4.39 | 67.66 2.69 -10.32 | 148.12 3.29 -88.70 | 116.85 3.19 -60.05 | 65.74 3.07 -1.27 | 60.93 2.74 -1.66 | 61.04 2.79 -1.26 | 229.63 11.95 0.00 | 70.67 3.76 0.00 | 64.98 3.49 0.00 | 113.44 5.75 -0.34 | 56.20 3.03 -1.74 | 46.28 2.49 -0.33 | 41.04 2.10 0.00 | 49.51 2.52 0.00 |
| ASHOKAN____ 23654 | 46.84 2.42 0.00 | 46.78 2.34 0.00 | 42.22 2.03 -0.62 | 40.92 2.04 0.00 | 42.40 2.11 0.00 | 42.33 2.13 0.00 | 48.24 2.59 0.00 | 50.85 2.89 0.00 | 51.18 2.85 0.00 | 55.61 2.96 0.00 | 57.63 2.98 0.00 | 59.29 3.17 0.00 | 56.65 3.03 0.00 | 64.90 3.50 0.00 | 59.89 3.36 0.00 | 60.40 3.42 0.00 | 230.91 13.23 0.00 | 71.34 4.43 0.00 | 65.57 4.08 0.00 | 114.65 6.92 -0.38 | 55.44 3.24 -0.76 | 46.16 2.63 -0.07 | 41.20 2.25 0.00 | 49.55 2.56 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 46.63 2.21 0.00 | 46.49 2.05 0.00 | 41.86 1.74 -0.55 | 40.42 1.54 0.00 | 41.85 1.56 0.00 | 41.86 1.66 0.00 | 47.64 1.98 0.00 | 50.15 2.20 0.00 | 50.41 2.09 0.00 | 59.63 2.59 -4.39 | 67.64 2.67 -10.32 | 147.95 3.12 -88.70 | 116.70 3.03 -60.05 | 65.75 3.09 -1.27 | 60.81 2.62 -1.66 | 60.77 2.52 -1.26 | 229.04 11.37 0.00 | 70.46 3.54 0.00 | 64.71 3.22 0.00 | 113.26 5.57 -0.34 | 56.09 2.92 -1.74 | 46.25 2.46 -0.33 | 41.04 2.09 0.00 | 49.46 2.47 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 46.62 2.20 0.00 | 46.48 2.04 0.00 | 41.85 1.73 -0.55 | 40.42 1.54 0.00 | 41.85 1.56 0.00 | 41.86 1.66 0.00 | 47.64 1.98 0.00 | 50.15 2.20 0.00 | 50.41 2.09 0.00 | 59.62 2.59 -4.39 | 67.62 2.64 -10.32 | 147.92 3.09 -88.70 | 116.67 3.00 -60.05 | 65.74 3.07 -1.27 | 60.80 2.61 -1.66 | 60.77 2.52 -1.26 | 229.04 11.37 0.00 | 70.46 3.54 0.00 | 64.71 3.22 0.00 | 113.26 5.57 -0.34 | 56.09 2.92 -1.74 | 46.25 2.46 -0.33 | 41.03 2.08 0.00 | 49.46 2.47 0.00 |
| ASTORIA_GT2_1 24094 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT2_2 24095 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT2_3 24096 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT2_4 24097 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT3_1 24098 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT3_2 24099 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT3_3 24100 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT3_4 24101 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT4_1 24102 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT4_2 24103 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT4_3 24104 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |

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| ASTORIA_GT4_4 24105 | 46.64 2.22 0.00 | 46.50 2.05 0.00 | 41.87 1.74 -0.55 | 40.44 1.55 0.00 | 41.87 1.58 0.00 | 41.89 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.38 | 67.66 2.69 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.65 -1.66 | 60.80 2.56 -1.26 | 229.08 11.41 0.00 | 70.50 3.59 0.00 | 64.76 3.26 0.00 | 113.33 5.65 -0.34 | 56.10 2.94 -1.73 | 46.27 2.48 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA_GT_1 23523 | 46.72 2.29 0.00 | 46.58 2.13 0.00 | 41.94 1.81 -0.55 | 40.50 1.61 0.00 | 41.94 1.65 0.00 | 41.95 1.75 0.00 | 47.75 2.09 0.00 | 50.27 2.31 0.00 | 50.54 2.22 0.00 | 59.76 2.73 -4.38 | 67.78 2.81 -10.32 | 148.08 3.25 -88.70 | 116.82 3.15 -60.05 | 65.89 3.23 -1.27 | 60.96 2.77 -1.66 | 60.93 2.69 -1.26 | 229.55 11.87 0.00 | 70.66 3.75 0.00 | 64.89 3.39 0.00 | 113.55 5.86 -0.34 | 56.22 3.06 -1.73 | 46.36 2.57 -0.33 | 41.11 2.16 0.00 | 49.56 2.58 0.00 |
| ASTORIA_GT_10 24110 | 46.76 2.34 0.00 | 46.61 2.16 0.00 | 41.97 1.84 -0.55 | 40.60 1.72 0.00 | 42.06 1.77 0.00 | 42.01 1.82 0.00 | 47.84 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.35 0.00 | 59.77 2.74 -4.38 | 67.79 2.82 -10.32 | 147.95 3.11 -88.70 | 116.74 3.07 -60.05 | 65.95 3.29 -1.27 | 61.19 3.00 -1.66 | 61.27 3.04 -1.26 | 230.35 12.68 0.00 | 70.89 3.98 0.00 | 65.14 3.65 0.00 | 113.67 5.98 -0.34 | 56.29 3.13 -1.73 | 46.39 2.60 -0.33 | 41.16 2.21 0.00 | 49.65 2.67 0.00 |
| ASTORIA_GT_11 24225 | 46.76 2.34 0.00 | 46.61 2.16 0.00 | 41.97 1.84 -0.55 | 40.60 1.72 0.00 | 42.06 1.77 0.00 | 42.01 1.82 0.00 | 47.84 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.35 0.00 | 59.77 2.74 -4.38 | 67.79 2.82 -10.32 | 147.95 3.11 -88.70 | 116.74 3.07 -60.05 | 65.95 3.29 -1.27 | 61.19 3.00 -1.66 | 61.27 3.04 -1.26 | 230.35 12.68 0.00 | 70.89 3.98 0.00 | 65.14 3.65 0.00 | 113.67 5.98 -0.34 | 56.29 3.13 -1.73 | 46.39 2.60 -0.33 | 41.16 2.21 0.00 | 49.65 2.67 0.00 |
| ASTORIA_GT_12 24226 | 46.76 2.34 0.00 | 46.61 2.16 0.00 | 41.97 1.84 -0.55 | 40.60 1.72 0.00 | 42.06 1.77 0.00 | 42.01 1.82 0.00 | 47.84 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.35 0.00 | 59.77 2.74 -4.38 | 67.79 2.82 -10.32 | 147.95 3.11 -88.70 | 116.74 3.07 -60.05 | 65.95 3.29 -1.27 | 61.19 3.00 -1.66 | 61.27 3.04 -1.26 | 230.35 12.68 0.00 | 70.89 3.98 0.00 | 65.14 3.65 0.00 | 113.67 5.98 -0.34 | 56.29 3.13 -1.73 | 46.39 2.60 -0.33 | 41.16 2.21 0.00 | 49.65 2.67 0.00 |
| ASTORIA_GT_13 24227 | 46.76 2.34 0.00 | 46.61 2.16 0.00 | 41.97 1.84 -0.55 | 40.60 1.72 0.00 | 42.06 1.77 0.00 | 42.01 1.82 0.00 | 47.84 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.35 0.00 | 59.77 2.74 -4.38 | 67.79 2.82 -10.32 | 147.95 3.11 -88.70 | 116.74 3.07 -60.05 | 65.95 3.29 -1.27 | 61.19 3.00 -1.66 | 61.27 3.04 -1.26 | 230.35 12.68 0.00 | 70.89 3.98 0.00 | 65.14 3.65 0.00 | 113.67 5.98 -0.34 | 56.29 3.13 -1.73 | 46.39 2.60 -0.33 | 41.16 2.21 0.00 | 49.65 2.67 0.00 |
| ASTORIA_GT_5 24106 | 46.72 2.29 0.00 | 46.58 2.13 0.00 | 41.94 1.81 -0.55 | 40.50 1.61 0.00 | 41.94 1.65 0.00 | 41.95 1.75 0.00 | 47.75 2.09 0.00 | 50.27 2.31 0.00 | 50.54 2.22 0.00 | 59.76 2.73 -4.38 | 67.78 2.81 -10.32 | 148.08 3.25 -88.70 | 116.82 3.15 -60.05 | 65.89 3.23 -1.27 | 60.96 2.77 -1.66 | 60.93 2.69 -1.26 | 229.55 11.87 0.00 | 70.66 3.75 0.00 | 64.89 3.39 0.00 | 113.55 5.86 -0.34 | 56.22 3.06 -1.73 | 46.36 2.57 -0.33 | 41.11 2.16 0.00 | 49.56 2.58 0.00 |
| ASTORIA_GT_7 24107 | 46.72 2.29 0.00 | 46.58 2.13 0.00 | 41.94 1.81 -0.55 | 40.50 1.61 0.00 | 41.94 1.65 0.00 | 41.95 1.75 0.00 | 47.75 2.09 0.00 | 50.27 2.31 0.00 | 50.54 2.22 0.00 | 59.76 2.73 -4.38 | 67.78 2.81 -10.32 | 148.08 3.25 -88.70 | 116.82 3.15 -60.05 | 65.89 3.23 -1.27 | 60.96 2.77 -1.66 | 60.93 2.69 -1.26 | 229.55 11.87 0.00 | 70.66 3.75 0.00 | 64.89 3.39 0.00 | 113.55 5.86 -0.34 | 56.22 3.06 -1.73 | 46.36 2.57 -0.33 | 41.11 2.16 0.00 | 49.56 2.58 0.00 |
| ASTORIA_GT_8 24108 | 46.72 2.29 0.00 | 46.58 2.13 0.00 | 41.94 1.81 -0.55 | 40.50 1.61 0.00 | 41.94 1.65 0.00 | 41.95 1.75 0.00 | 47.75 2.09 0.00 | 50.27 2.31 0.00 | 50.54 2.22 0.00 | 59.76 2.73 -4.38 | 67.78 2.81 -10.32 | 148.08 3.25 -88.70 | 116.82 3.15 -60.05 | 65.89 3.23 -1.27 | 60.96 2.77 -1.66 | 60.93 2.69 -1.26 | 229.55 11.87 0.00 | 70.66 3.75 0.00 | 64.89 3.39 0.00 | 113.55 5.86 -0.34 | 56.22 3.06 -1.73 | 46.36 2.57 -0.33 | 41.11 2.16 0.00 | 49.56 2.58 0.00 |
| ASTORIA___2 24149 | 46.64 2.22 0.00 | 46.50 2.06 0.00 | 41.87 1.74 -0.55 | 40.45 1.56 0.00 | 41.87 1.58 0.00 | 41.88 1.69 0.00 | 47.66 2.00 0.00 | 50.18 2.22 0.00 | 50.43 2.11 0.00 | 59.65 2.62 -4.39 | 67.65 2.68 -10.32 | 147.96 3.13 -88.70 | 116.70 3.03 -60.05 | 65.76 3.09 -1.27 | 60.83 2.64 -1.66 | 60.80 2.56 -1.26 | 229.15 11.47 0.00 | 70.50 3.59 0.00 | 64.75 3.25 0.00 | 113.33 5.64 -0.34 | 56.11 2.94 -1.74 | 46.27 2.49 -0.33 | 41.04 2.09 0.00 | 49.48 2.49 0.00 |
| ASTORIA___3 23516 | 46.76 2.33 0.00 | 46.61 2.16 0.00 | 41.97 1.84 -0.55 | 40.60 1.72 0.00 | 42.06 1.77 0.00 | 42.01 1.82 0.00 | 47.84 2.18 0.00 | 50.37 2.42 0.00 | 50.67 2.35 0.00 | 59.77 2.74 -4.39 | 67.79 2.82 -10.32 | 147.95 3.12 -88.70 | 116.74 3.07 -60.05 | 65.96 3.29 -1.27 | 61.20 3.00 -1.66 | 61.28 3.03 -1.26 | 230.35 12.67 0.00 | 70.89 3.98 0.00 | 65.14 3.65 0.00 | 113.67 5.98 -0.34 | 56.30 3.13 -1.74 | 46.39 2.60 -0.33 | 41.16 2.21 0.00 | 49.65 2.67 0.00 |
| ASTORIA___4 23517 | 46.76 2.34 0.00 | 46.61 2.16 0.00 | 41.97 1.84 -0.55 | 40.60 1.72 0.00 | 42.06 1.77 0.00 | 42.01 1.82 0.00 | 47.84 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.35 0.00 | 59.77 2.74 -4.38 | 67.79 2.82 -10.32 | 147.95 3.11 -88.70 | 116.74 3.07 -60.05 | 65.95 3.29 -1.27 | 61.19 3.00 -1.66 | 61.27 3.04 -1.26 | 230.35 12.68 0.00 | 70.89 3.98 0.00 | 65.14 3.65 0.00 | 113.67 5.98 -0.34 | 56.29 3.13 -1.73 | 46.39 2.60 -0.33 | 41.16 2.21 0.00 | 49.65 2.67 0.00 |
| ASTORIA___5 23518 | 46.76 2.33 0.00 | 46.61 2.16 0.00 | 41.97 1.84 -0.55 | 40.60 1.72 0.00 | 42.06 1.77 0.00 | 42.01 1.82 0.00 | 47.84 2.18 0.00 | 50.37 2.42 0.00 | 50.67 2.35 0.00 | 59.77 2.74 -4.39 | 67.79 2.82 -10.32 | 147.94 3.11 -88.70 | 116.74 3.07 -60.05 | 65.95 3.29 -1.27 | 61.20 3.00 -1.66 | 61.27 3.03 -1.26 | 230.35 12.67 0.00 | 70.89 3.98 0.00 | 65.14 3.65 0.00 | 113.67 5.98 -0.34 | 56.30 3.13 -1.74 | 46.39 2.60 -0.33 | 41.16 2.21 0.00 | 49.65 2.67 0.00 |
| AST_ENERGY_2_CC3 323677 | 46.11 1.69 0.00 | 45.96 1.52 0.00 | 41.49 1.36 -0.55 | 40.17 1.28 0.00 | 41.45 1.16 0.00 | 41.47 1.27 0.00 | 47.11 1.46 0.00 | 49.61 1.65 0.00 | 49.86 1.54 0.00 | 59.02 1.99 -4.39 | 66.99 2.02 -10.32 | 147.28 2.46 -88.70 | 116.06 2.39 -60.05 | 65.02 2.36 -1.27 | 60.15 1.96 -1.66 | 60.13 1.89 -1.26 | 226.89 9.21 0.00 | 69.99 3.08 0.00 | 64.28 2.78 0.00 | 112.09 4.40 -0.34 | 55.52 2.35 -1.74 | 45.77 1.98 -0.33 | 40.59 1.64 0.00 | 48.92 1.93 0.00 |
| AST_ENERGY_2_CC4 323678 | 46.11 1.69 0.00 | 45.96 1.52 0.00 | 41.49 1.36 -0.55 | 40.17 1.28 0.00 | 41.45 1.16 0.00 | 41.47 1.27 0.00 | 47.11 1.46 0.00 | 49.61 1.65 0.00 | 49.86 1.54 0.00 | 59.02 1.99 -4.39 | 66.99 2.02 -10.32 | 147.28 2.46 -88.70 | 116.06 2.39 -60.05 | 65.02 2.36 -1.27 | 60.15 1.96 -1.66 | 60.13 1.89 -1.26 | 226.89 9.21 0.00 | 69.99 3.08 0.00 | 64.28 2.78 0.00 | 112.09 4.40 -0.34 | 55.52 2.35 -1.74 | 45.77 1.98 -0.33 | 40.59 1.64 0.00 | 48.92 1.93 0.00 |

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| ATHENS_STG_1 23668 | 45.70 1.28 0.00 | 45.68 1.24 0.00 | 41.34 1.16 -0.61 | 39.99 1.10 0.00 | 41.39 1.10 0.00 | 41.22 1.02 0.00 | 46.80 1.14 0.00 | 49.23 1.27 0.00 | 49.50 1.18 0.00 | 53.89 1.24 0.00 | 55.86 1.21 0.00 | 57.43 1.30 0.00 | 54.98 1.36 0.00 | 62.89 1.50 0.00 | 57.94 1.40 0.00 | 58.44 1.46 0.00 | 223.89 6.22 0.00 | 68.79 1.87 0.00 | 63.24 1.75 0.00 | 110.75 3.03 -0.37 | 53.75 1.56 -0.75 | 44.82 1.29 -0.07 | 40.08 1.13 0.00 | 48.36 1.37 0.00 |
| ATHENS_STG_2 23670 | 45.70 1.28 0.00 | 45.68 1.24 0.00 | 41.34 1.16 -0.61 | 39.99 1.10 0.00 | 41.39 1.10 0.00 | 41.22 1.02 0.00 | 46.80 1.14 0.00 | 49.23 1.27 0.00 | 49.50 1.18 0.00 | 53.89 1.24 0.00 | 55.86 1.21 0.00 | 57.43 1.30 0.00 | 54.98 1.36 0.00 | 62.89 1.50 0.00 | 57.94 1.40 0.00 | 58.44 1.46 0.00 | 223.89 6.22 0.00 | 68.79 1.87 0.00 | 63.24 1.75 0.00 | 110.75 3.03 -0.37 | 53.75 1.56 -0.75 | 44.82 1.29 -0.07 | 40.08 1.13 0.00 | 48.36 1.37 0.00 |
| ATHENS_STG_3 23677 | 45.70 1.28 0.00 | 45.68 1.24 0.00 | 41.34 1.16 -0.61 | 39.99 1.10 0.00 | 41.39 1.10 0.00 | 41.22 1.02 0.00 | 46.80 1.14 0.00 | 49.23 1.27 0.00 | 49.50 1.18 0.00 | 53.89 1.24 0.00 | 55.86 1.21 0.00 | 57.43 1.30 0.00 | 54.98 1.36 0.00 | 62.89 1.50 0.00 | 57.94 1.40 0.00 | 58.44 1.46 0.00 | 223.89 6.22 0.00 | 68.79 1.87 0.00 | 63.24 1.75 0.00 | 110.75 3.03 -0.37 | 53.75 1.56 -0.75 | 44.82 1.29 -0.07 | 40.08 1.13 0.00 | 48.36 1.37 0.00 |
| AUBURN___LFGE 323710 | 44.24 -0.18 0.00 | 44.31 -0.13 0.00 | 39.42 -0.22 -0.07 | 38.73 -0.16 0.00 | 40.23 -0.06 0.00 | 40.13 -0.06 0.00 | 45.71 0.06 0.00 | 47.96 0.01 0.00 | 48.40 0.08 0.00 | 52.74 0.09 0.00 | 54.82 0.17 0.00 | 56.10 -0.03 0.00 | 53.40 -0.22 0.00 | 61.42 0.02 0.00 | 56.56 0.03 0.00 | 56.96 -0.02 0.00 | 217.46 -0.22 0.00 | 66.61 -0.31 0.00 | 61.36 -0.13 0.00 | 107.20 -0.19 -0.04 | 51.06 -0.47 -0.09 | 43.23 -0.24 -0.01 | 38.63 -0.32 0.00 | 46.69 -0.29 0.00 |
| BABYLON_RES_REC 323704 | 47.47 3.04 0.00 | 47.16 2.71 0.00 | 42.47 2.35 -0.55 | 41.02 2.14 0.00 | 42.73 2.44 0.00 | 42.65 2.46 0.00 | 48.13 2.48 0.00 | 50.31 2.36 0.00 | 50.46 2.14 0.00 | 54.63 1.98 0.00 | 57.81 2.72 -0.44 | 59.05 2.92 0.00 | 56.82 3.20 0.00 | 64.71 3.32 0.00 | 59.50 2.97 0.00 | 59.73 2.75 0.00 | 229.54 11.22 -0.64 | 70.78 3.83 -0.04 | 65.49 3.89 -0.11 | 113.82 5.93 -0.55 | 55.05 2.93 -0.68 | 46.16 2.63 -0.06 | 41.43 2.48 0.00 | 50.00 3.01 0.00 |
| BALL_HILL_WT_PWR 323825 | 43.30 -1.13 0.00 | 43.62 -0.82 0.00 | 38.55 -1.11 -0.10 | 38.01 -0.88 0.00 | 39.55 -0.74 0.00 | 39.45 -0.74 0.00 | 44.58 -1.08 0.00 | 45.98 -1.98 0.00 | 46.88 -1.44 0.00 | 51.57 -1.08 0.00 | 54.06 -0.59 0.00 | 55.01 -1.12 0.00 | 51.80 -1.82 0.00 | 59.51 -1.88 0.00 | 54.38 -2.16 0.00 | 54.71 -2.27 0.00 | 206.81 -10.87 0.00 | 63.64 -3.27 0.00 | 58.58 -2.91 0.00 | 102.61 -4.80 -0.06 | 48.74 -2.82 -0.12 | 41.32 -2.15 -0.01 | 37.21 -1.74 0.00 | 45.34 -1.65 0.00 |
| BARON_WINDS___WT_PWR 323822 | 42.31 -2.12 0.00 | 42.60 -1.84 0.00 | 37.80 -1.91 -0.13 | 37.26 -1.63 0.00 | 38.91 -1.38 0.00 | 39.03 -1.17 0.00 | 44.33 -1.33 0.00 | 45.91 -2.05 0.00 | 46.88 -1.44 0.00 | 51.25 -1.40 0.00 | 53.52 -1.13 0.00 | 54.43 -1.70 0.00 | 51.71 -1.91 0.00 | 59.55 -1.84 0.00 | 53.94 -2.59 0.00 | 54.12 -2.87 0.00 | 205.82 -11.86 0.00 | 63.02 -3.89 0.00 | 57.87 -3.63 0.00 | 101.40 -6.02 -0.08 | 48.36 -3.24 -0.16 | 40.97 -2.51 -0.01 | 36.80 -2.15 0.00 | 44.76 -2.22 0.00 |
| BARRETT_IC_1 23704 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_10 23701 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_11 23702 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_12 23703 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_2 23705 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_3 23706 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_4 23707 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_5 23708 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |

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| BARRETT_IC_6 23709 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_7 23710 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.32 2.04 0.00 | 42.23 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.03 2.39 0.00 | 58.62 2.49 0.00 | 56.37 2.75 0.00 | 64.12 2.72 0.00 | 58.96 2.42 0.00 | 59.31 2.32 0.00 | 226.03 8.35 0.00 | 70.06 3.15 0.00 | 64.73 3.24 0.00 | 112.41 4.72 -0.34 | 54.69 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_8 23711 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT_IC_9 23700 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT___1 23545 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BARRETT___2 23546 | 47.00 2.57 0.00 | 46.73 2.29 0.00 | 42.10 1.97 -0.55 | 40.68 1.79 0.00 | 42.33 2.04 0.00 | 42.24 2.04 0.00 | 47.65 1.99 0.00 | 49.80 1.85 0.00 | 49.93 1.61 0.00 | 54.14 1.49 0.00 | 57.05 2.40 0.00 | 58.63 2.50 0.00 | 56.37 2.76 0.00 | 64.12 2.72 0.00 | 58.96 2.43 0.00 | 59.31 2.32 0.00 | 226.10 8.42 0.00 | 70.06 3.15 0.00 | 64.74 3.24 0.00 | 112.41 4.72 -0.34 | 54.70 2.57 -0.68 | 45.78 2.26 -0.06 | 41.10 2.15 0.00 | 49.60 2.62 0.00 |
| BATAVIA__115KV_TB1 55881 | 44.84 0.42 0.00 | 45.04 0.60 0.00 | 39.87 0.22 -0.08 | 39.31 0.42 0.00 | 40.87 0.58 0.00 | 40.62 0.42 0.00 | 45.81 0.15 0.00 | 47.64 -0.31 0.00 | 48.44 0.12 0.00 | 53.17 0.53 0.00 | 55.66 1.02 0.00 | 56.60 0.48 0.00 | 53.49 -0.13 0.00 | 61.53 0.13 0.00 | 56.33 -0.20 0.00 | 56.68 -0.30 0.00 | 214.82 -2.86 0.00 | 66.22 -0.70 0.00 | 60.82 -0.67 0.00 | 106.15 -1.25 -0.05 | 50.40 -1.14 -0.10 | 42.56 -0.91 -0.01 | 38.37 -0.58 0.00 | 46.48 -0.50 0.00 |
| BAYONEEC___CTG1 323682 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |
| BAYONEEC___CTG10 323750 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |
| BAYONEEC___CTG2 323683 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |
| BAYONEEC___CTG3 323684 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |
| BAYONEEC___CTG4 323685 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |
| BAYONEEC___CTG5 323686 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |
| BAYONEEC___CTG6 323687 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |
| BAYONEEC___CTG7 323688 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |

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|---|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| BAYONEEC___CTG8 323689 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |
| BAYONEEC___CTG9 323749 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.90 1.78 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.93 1.73 0.00 | 47.78 2.12 0.00 | 50.34 2.38 0.00 | 50.63 2.31 0.00 | 59.71 2.62 -4.45 | 67.80 2.69 -10.46 | 148.91 2.86 -89.92 | 117.37 2.88 -60.87 | 65.91 3.23 -1.29 | 61.14 2.93 -1.68 | 61.26 2.99 -1.28 | 230.28 12.60 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.55 5.86 -0.34 | 56.21 3.03 -1.75 | 46.29 2.50 -0.33 | 41.11 2.16 0.00 | 49.60 2.61 0.00 |
| BEACON___LESR 323632 | 46.07 1.65 0.00 | 46.07 1.63 0.00 | 41.80 1.56 -0.67 | 40.29 1.40 0.00 | 41.72 1.43 0.00 | 41.62 1.42 0.00 | 47.21 1.55 0.00 | 49.77 1.81 0.00 | 50.07 1.75 0.00 | 54.39 1.74 0.00 | 56.30 1.65 0.00 | 57.84 1.71 0.00 | 55.22 1.60 0.00 | 63.41 2.02 0.00 | 58.47 1.93 0.00 | 58.97 1.99 0.00 | 225.46 7.79 0.00 | 69.40 2.49 0.00 | 63.86 2.36 0.00 | 111.92 4.16 -0.42 | 54.34 2.08 -0.83 | 45.24 1.71 -0.08 | 40.44 1.49 0.00 | 48.75 1.76 0.00 |
| BEAVER RIVER___HYD 24048 | 43.78 -0.64 0.00 | 43.98 -0.46 0.00 | 38.79 -0.80 -0.02 | 38.20 -0.69 0.00 | 39.99 -0.30 0.00 | 40.27 0.08 0.00 | 45.46 -0.20 0.00 | 48.30 0.35 0.00 | 49.16 0.84 0.00 | 52.98 0.33 0.00 | 55.79 1.14 0.00 | 57.51 1.38 0.00 | 54.78 1.16 0.00 | 62.49 1.10 0.00 | 57.70 1.17 0.00 | 58.07 1.08 0.00 | 218.28 0.60 0.00 | 67.45 0.54 0.00 | 61.51 0.02 0.00 | 107.23 -0.12 -0.01 | 51.65 0.19 -0.03 | 43.65 0.18 0.00 | 39.27 0.32 0.00 | 47.17 0.19 0.00 |
| BEEBEE_GT_13 23619 | 44.27 -0.16 0.00 | 44.39 -0.06 0.00 | 39.36 -0.28 -0.07 | 38.75 -0.14 0.00 | 40.26 -0.03 0.00 | 40.13 -0.07 0.00 | 45.42 -0.24 0.00 | 47.42 -0.54 0.00 | 48.09 -0.23 0.00 | 52.70 0.05 0.00 | 55.06 0.41 0.00 | 56.15 0.02 0.00 | 53.23 -0.39 0.00 | 61.18 -0.22 0.00 | 56.10 -0.43 0.00 | 56.45 -0.53 0.00 | 214.53 -3.15 0.00 | 66.06 -0.85 0.00 | 60.68 -0.81 0.00 | 105.91 -1.48 -0.04 | 50.41 -1.11 -0.08 | 42.53 -0.93 -0.01 | 38.25 -0.70 0.00 | 46.20 -0.78 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 46.86 2.43 0.00 | 46.71 2.27 0.00 | 42.06 1.93 -0.55 | 40.68 1.80 0.00 | 42.15 1.86 0.00 | 42.12 1.92 0.00 | 48.00 2.35 0.00 | 50.57 2.61 0.00 | 50.88 2.56 0.00 | 60.09 3.06 -4.38 | 68.09 3.12 -10.32 | 148.41 3.58 -88.70 | 117.17 3.50 -60.05 | 66.19 3.53 -1.27 | 61.37 3.19 -1.66 | 61.46 3.22 -1.26 | 231.09 13.41 0.00 | 71.15 4.23 0.00 | 65.38 3.89 0.00 | 114.17 6.48 -0.34 | 56.56 3.39 -1.73 | 46.58 2.79 -0.33 | 41.30 2.35 0.00 | 49.80 2.81 0.00 |
| BETHLEHEM___GRP 23843 | 45.47 1.05 0.00 | 45.44 1.00 0.00 | 41.23 0.99 -0.67 | 39.84 0.95 0.00 | 41.23 0.94 0.00 | 41.06 0.87 0.00 | 46.50 0.84 0.00 | 48.95 1.00 0.00 | 49.21 0.89 0.00 | 53.49 0.84 0.00 | 55.37 0.72 0.00 | 56.86 0.73 0.00 | 54.46 0.84 0.00 | 62.31 0.91 0.00 | 57.49 0.95 0.00 | 58.01 1.03 0.00 | 221.77 13.41 0.00 | 68.24 1.32 0.00 | 62.71 1.21 0.00 | 109.83 2.07 -0.42 | 53.38 1.12 -0.83 | 44.53 0.99 -0.08 | 39.84 0.89 0.00 | 48.01 1.02 0.00 |
| BETHLEHEM___GS1 323560 | 45.47 1.04 0.00 | 45.45 1.00 0.00 | 41.23 0.99 -0.67 | 39.84 0.95 0.00 | 41.23 0.94 0.00 | 41.06 0.87 0.00 | 46.50 0.84 0.00 | 48.95 1.00 0.00 | 49.21 0.89 0.00 | 53.49 0.84 0.00 | 55.37 0.73 0.00 | 56.86 0.73 0.00 | 54.46 0.84 0.00 | 62.31 0.91 0.00 | 57.49 0.96 0.00 | 58.02 1.03 0.00 | 221.76 13.41 0.00 | 68.23 1.32 0.00 | 62.71 1.21 0.00 | 109.83 2.07 -0.42 | 53.38 1.12 -0.83 | 44.53 0.99 -0.08 | 39.84 0.89 0.00 | 48.01 1.02 0.00 |
| BETHLEHEM___GS2 323561 | 45.47 1.04 0.00 | 45.45 1.00 0.00 | 41.23 0.99 -0.67 | 39.84 0.95 0.00 | 41.23 0.94 0.00 | 41.06 0.87 0.00 | 46.50 0.84 0.00 | 48.95 1.00 0.00 | 49.21 0.89 0.00 | 53.49 0.84 0.00 | 55.37 0.73 0.00 | 56.86 0.73 0.00 | 54.46 0.84 0.00 | 62.31 0.91 0.00 | 57.49 0.96 0.00 | 58.02 1.03 0.00 | 221.76 13.41 0.00 | 68.23 1.32 0.00 | 62.71 1.21 0.00 | 109.83 2.07 -0.42 | 53.38 1.12 -0.83 | 44.53 0.99 -0.08 | 39.84 0.89 0.00 | 48.01 1.02 0.00 |
| BETHLEHEM___GS3 323562 | 45.47 1.04 0.00 | 45.45 1.00 0.00 | 41.23 0.99 -0.67 | 39.84 0.95 0.00 | 41.23 0.94 0.00 | 41.06 0.87 0.00 | 46.50 0.84 0.00 | 48.95 1.00 0.00 | 49.21 0.89 0.00 | 53.49 0.84 0.00 | 55.37 0.73 0.00 | 56.86 0.73 0.00 | 54.46 0.84 0.00 | 62.31 0.91 0.00 | 57.49 0.96 0.00 | 58.02 1.03 0.00 | 221.76 13.41 0.00 | 68.23 1.32 0.00 | 62.71 1.21 0.00 | 109.83 2.07 -0.42 | 53.38 1.12 -0.83 | 44.53 0.99 -0.08 | 39.84 0.89 0.00 | 48.01 1.02 0.00 |
| BETHLEHEM___STEEL 23779 | 43.90 -0.53 0.00 | 44.18 -0.26 0.00 | 39.08 -0.59 -0.09 | 38.55 -0.33 0.00 | 40.07 -0.22 0.00 | 39.87 -0.32 0.00 | 44.91 -0.74 0.00 | 46.47 -1.48 0.00 | 47.33 -0.99 0.00 | 52.10 -0.55 0.00 | 54.70 0.05 0.00 | 55.59 -0.54 0.00 | 52.34 -1.28 0.00 | 60.20 -1.20 0.00 | 54.99 -1.54 0.00 | 55.22 -1.77 0.00 | 209.08 -8.60 0.00 | 64.34 -2.58 0.00 | 59.11 -2.38 0.00 | 103.34 -4.07 -0.06 | 49.11 -2.45 -0.12 | 41.57 -1.90 -0.01 | 37.53 -1.42 0.00 | 45.60 -1.38 0.00 |
| BETHLHEM_115KV_TB1 79974 | 45.48 1.06 0.00 | 45.46 1.02 0.00 | 41.24 1.00 -0.67 | 39.85 0.96 0.00 | 41.24 0.95 0.00 | 41.08 0.89 0.00 | 46.54 0.88 0.00 | 48.99 1.04 0.00 | 49.25 0.92 0.00 | 53.55 0.90 0.00 | 55.44 0.79 0.00 | 56.94 0.81 0.00 | 54.53 0.91 0.00 | 62.39 0.99 0.00 | 57.54 1.01 0.00 | 58.07 1.08 0.00 | 222.00 13.41 0.00 | 68.29 1.38 0.00 | 62.77 1.28 0.00 | 109.95 2.18 -0.42 | 53.43 1.16 -0.83 | 44.56 1.02 -0.08 | 39.86 0.91 0.00 | 48.06 1.07 0.00 |
| BETHPAGE_CC_5 323564 | 47.34 2.91 0.00 | 47.05 2.61 0.00 | 42.37 2.24 -0.55 | 40.94 2.06 0.00 | 42.63 2.34 0.00 | 42.54 2.34 0.00 | 47.97 2.31 0.00 | 50.18 2.22 0.00 | 50.37 2.05 0.00 | 54.57 1.93 0.00 | 57.29 2.64 0.00 | 58.96 2.83 0.00 | 56.56 2.94 0.00 | 64.43 3.03 0.00 | 59.14 2.61 0.00 | 59.35 2.36 0.00 | 227.15 9.47 0.00 | 70.30 3.39 0.00 | 64.91 3.42 0.00 | 112.88 5.19 -0.34 | 54.72 2.60 -0.68 | 45.97 2.44 -0.06 | 41.24 2.29 0.00 | 49.76 2.77 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 43.97 -0.46 0.00 | 44.27 -0.17 0.00 | 39.16 -0.51 -0.10 | 38.64 -0.25 0.00 | 40.16 -0.13 0.00 | 39.96 -0.23 0.00 | 45.04 -0.61 0.00 | 46.62 -1.34 0.00 | 47.48 -0.84 0.00 | 52.24 -0.41 0.00 | 54.90 0.25 0.00 | 55.77 -0.36 0.00 | 52.51 -1.11 0.00 | 60.43 -0.97 0.00 | 55.17 -1.37 0.00 | 55.39 -1.59 0.00 | 209.82 -7.86 0.00 | 64.55 -2.36 0.00 | 59.31 -2.19 0.00 | 103.68 -3.73 -0.06 | 49.26 -2.29 -0.12 | 41.70 -1.77 -0.01 | 37.64 -1.31 0.00 | 45.73 -1.25 0.00 |
| BINGHAMTON___COGEN 23790 | 44.10 -0.32 0.00 | 44.21 -0.24 0.00 | 39.41 -0.35 -0.18 | 38.60 -0.28 0.00 | 40.09 -0.20 0.00 | 39.97 -0.22 0.00 | 45.53 -0.13 0.00 | 47.65 -0.30 0.00 | 48.19 -0.13 0.00 | 52.51 -0.14 0.00 | 54.61 -0.04 0.00 | 55.92 -0.21 0.00 | 53.34 -0.28 0.00 | 61.26 -0.14 0.00 | 56.21 -0.32 0.00 | 56.59 -0.39 0.00 | 216.14 -1.54 0.00 | 66.24 -0.67 0.00 | 60.91 -0.58 0.00 | 106.55 -0.91 -0.11 | 51.04 -0.63 -0.23 | 42.99 -0.49 -0.02 | 38.48 -0.47 0.00 | 46.56 -0.42 0.00 |

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| BIXINCNT_115KV_LOAD 355685 | 42.99 -1.44 0.00 | 43.56 -0.88 0.00 | 38.78 -0.89 -0.10 | 38.51 -0.38 0.00 | 39.82 -0.47 0.00 | 39.76 -0.43 0.00 | 44.93 -0.73 0.00 | 46.62 -1.33 0.00 | 47.13 -1.19 0.00 | 51.82 -0.83 0.00 | 54.96 0.31 0.00 | 55.83 -0.30 0.00 | 52.41 -1.21 0.00 | 60.65 -0.75 0.00 | 54.75 -1.79 0.00 | 54.93 -2.06 0.00 | 208.38 -9.30 0.00 | 63.91 -3.00 0.00 | 58.65 -2.85 0.00 | 102.70 -4.71 -0.06 | 48.96 -2.61 -0.12 | 41.45 -2.02 -0.01 | 37.45 -1.50 0.00 | 45.69 -1.30 0.00 |
| BLACK RIVER___HYD 24047 | 43.70 -0.73 0.00 | 43.84 -0.60 0.00 | 38.62 -0.98 -0.03 | 38.05 -0.83 0.00 | 39.87 -0.42 0.00 | 40.18 -0.02 0.00 | 45.47 -0.19 0.00 | 48.47 0.51 0.00 | 49.23 0.91 0.00 | 52.76 0.11 0.00 | 55.55 0.90 0.00 | 57.10 0.97 0.00 | 54.38 0.76 0.00 | 62.09 0.70 0.00 | 57.53 1.00 0.00 | 58.04 1.05 0.00 | 219.72 2.04 0.00 | 67.94 1.03 0.00 | 61.94 0.44 0.00 | 107.74 0.37 -0.02 | 51.84 0.36 -0.04 | 43.72 0.26 0.00 | 39.14 0.19 0.00 | 46.95 -0.04 0.00 |
| BLACKRVR_115KV_TB2 79977 | 43.70 -0.73 0.00 | 43.84 -0.60 0.00 | 38.62 -0.98 -0.03 | 38.05 -0.83 0.00 | 39.87 -0.42 0.00 | 40.18 -0.02 0.00 | 45.47 -0.19 0.00 | 48.47 0.51 0.00 | 49.23 0.91 0.00 | 52.76 0.11 0.00 | 55.55 0.90 0.00 | 57.10 0.97 0.00 | 54.38 0.76 0.00 | 62.09 0.70 0.00 | 57.53 1.00 0.00 | 58.04 1.05 0.00 | 219.65 1.97 0.00 | 67.94 1.03 0.00 | 61.94 0.44 0.00 | 107.74 0.37 -0.02 | 51.83 0.36 -0.04 | 43.72 0.26 0.00 | 39.14 0.19 0.00 | 46.95 -0.04 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 47.39 2.97 0.00 | 47.12 2.68 0.00 | 42.42 2.30 -0.55 | 40.99 2.11 0.00 | 42.67 2.38 0.00 | 42.60 2.41 0.00 | 48.10 2.45 0.00 | 50.33 2.37 0.00 | 50.53 2.20 0.00 | 54.74 2.09 0.00 | 57.48 2.83 0.00 | 59.12 2.99 0.00 | 56.83 3.21 0.00 | 64.73 3.34 0.00 | 59.51 2.98 0.00 | 59.84 2.85 0.00 | 228.15 10.47 0.00 | 70.70 3.79 0.00 | 65.36 3.87 0.00 | 113.76 6.07 -0.34 | 55.22 3.10 -0.68 | 46.24 2.72 -0.06 | 41.47 2.51 0.00 | 50.02 3.03 0.00 |
| BLISS_WT_PWR 323608 | 42.61 -1.81 0.00 | 43.28 -1.17 0.00 | 38.61 -1.07 -0.10 | 38.40 -0.49 0.00 | 39.64 -0.65 0.00 | 39.65 -0.54 0.00 | 44.80 -0.85 0.00 | 46.51 -1.44 0.00 | 46.90 -1.42 0.00 | 51.61 -1.04 0.00 | 54.91 0.26 0.00 | 55.73 -0.39 0.00 | 52.24 -1.38 0.00 | 60.55 -0.85 0.00 | 54.46 -2.07 0.00 | 54.63 -2.36 0.00 | 206.73 -10.94 0.00 | 63.58 -3.34 0.00 | 58.28 -3.21 0.00 | 102.11 -5.30 -0.06 | 48.74 -2.83 -0.12 | 41.28 -2.19 -0.01 | 37.30 -1.65 0.00 | 45.54 -1.45 0.00 |
| BLUESTONE___WT_PWR 323821 | 44.20 -0.23 0.00 | 44.06 -0.38 0.00 | 39.26 -0.51 -0.20 | 37.99 -0.89 0.00 | 39.69 -0.60 0.00 | 39.62 -0.58 0.00 | 45.47 -0.19 0.00 | 48.34 0.39 0.00 | 48.62 0.29 0.00 | 52.55 -0.09 0.00 | 54.33 -0.32 0.00 | 55.92 -0.21 0.00 | 53.13 -0.49 0.00 | 61.66 0.26 0.00 | 56.73 0.19 0.00 | 56.73 -0.25 0.00 | 214.04 -3.63 0.00 | 65.53 -1.38 0.00 | 60.19 -1.30 0.00 | 105.39 -2.08 -0.12 | 50.82 -0.87 -0.24 | 43.30 -0.18 -0.02 | 39.02 0.07 0.00 | 46.63 -0.36 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 45.81 1.39 0.00 | 45.85 1.40 0.00 | 41.57 1.33 -0.66 | 40.16 1.27 0.00 | 41.57 1.28 0.00 | 41.40 1.20 0.00 | 46.93 1.27 0.00 | 49.33 1.38 0.00 | 49.58 1.26 0.00 | 53.95 1.30 0.00 | 55.86 1.21 0.00 | 57.35 1.22 0.00 | 54.89 1.26 0.00 | 62.86 1.46 0.00 | 57.98 1.44 0.00 | 58.46 1.47 0.00 | 223.53 5.85 0.00 | 68.77 1.86 0.00 | 63.22 1.73 0.00 | 110.86 3.10 -0.41 | 53.81 1.55 -0.82 | 44.87 1.33 -0.07 | 40.15 1.20 0.00 | 48.43 1.45 0.00 |
| BOC_GAS_DRP 24189 | 45.44 1.02 0.00 | 45.45 1.01 0.00 | 41.20 0.96 -0.67 | 39.81 0.93 0.00 | 41.21 0.92 0.00 | 41.04 0.84 0.00 | 46.54 0.88 0.00 | 48.94 0.99 0.00 | 49.22 0.90 0.00 | 53.57 0.92 0.00 | 55.50 0.85 0.00 | 57.03 0.90 0.00 | 54.59 0.97 0.00 | 62.47 1.08 0.00 | 57.58 1.04 0.00 | 58.07 1.08 0.00 | 222.01 4.34 0.00 | 68.27 1.36 0.00 | 62.76 1.27 0.00 | 110.01 2.25 -0.41 | 53.43 1.17 -0.83 | 44.53 0.99 -0.08 | 39.83 0.88 0.00 | 48.05 1.07 0.00 |
| BOONVILLE_115KV_TB1 79983 | 44.89 0.47 0.00 | 45.00 0.55 0.00 | 39.87 0.28 -0.02 | 39.23 0.34 0.00 | 40.87 0.58 0.00 | 40.97 0.78 0.00 | 46.50 0.84 0.00 | 49.10 1.15 0.00 | 49.70 1.37 0.00 | 53.89 1.24 0.00 | 56.19 1.55 0.00 | 57.73 1.60 0.00 | 55.04 1.42 0.00 | 62.96 1.57 0.00 | 58.11 1.57 0.00 | 58.57 1.58 0.00 | 222.50 4.83 0.00 | 68.47 1.56 0.00 | 62.69 1.20 0.00 | 109.46 2.11 -0.01 | 52.47 1.01 -0.02 | 44.28 0.82 0.00 | 39.74 0.79 0.00 | 47.79 0.81 0.00 |
| BORALEX_4TH_BRANCH 23824 | 47.28 2.86 0.00 | 47.21 2.77 0.00 | 42.71 2.46 -0.67 | 41.29 2.40 0.00 | 42.71 2.42 0.00 | 42.52 2.33 0.00 | 48.07 2.42 0.00 | 50.51 2.56 0.00 | 50.72 2.40 0.00 | 55.03 2.38 0.00 | 56.79 2.14 0.00 | 58.41 2.28 0.00 | 56.06 2.44 0.00 | 64.10 2.71 0.00 | 59.27 2.74 0.00 | 59.87 2.89 0.00 | 229.12 11.44 0.00 | 70.51 3.60 0.00 | 64.85 3.36 0.00 | 113.57 5.81 -0.42 | 55.16 2.89 -0.83 | 46.01 2.48 -0.08 | 41.17 2.22 0.00 | 49.70 2.71 0.00 |
| BOWLINE___1 23526 | 46.21 1.78 0.00 | 46.11 1.67 0.00 | 41.54 1.43 -0.54 | 40.22 1.33 0.00 | 41.64 1.35 0.00 | 41.52 1.32 0.00 | 47.20 1.55 0.00 | 49.66 1.70 0.00 | 49.87 1.55 0.00 | 54.36 1.71 0.00 | 56.37 1.72 0.00 | 57.99 1.86 0.00 | 55.56 1.94 0.00 | 63.55 2.16 0.00 | 58.47 1.94 0.00 | 59.01 2.03 0.00 | 227.57 9.89 0.00 | 70.05 3.14 0.00 | 64.28 2.79 0.00 | 111.99 4.31 -0.33 | 54.30 2.20 -0.66 | 45.31 1.79 -0.06 | 40.51 1.56 0.00 | 48.97 1.98 0.00 |
| BOWLINE___2 23595 | 46.21 1.78 0.00 | 46.11 1.67 0.00 | 41.54 1.43 -0.54 | 40.22 1.33 0.00 | 41.64 1.35 0.00 | 41.54 1.34 0.00 | 47.26 1.60 0.00 | 49.74 1.78 0.00 | 49.93 1.61 0.00 | 54.44 1.79 0.00 | 56.45 1.80 0.00 | 58.08 1.95 0.00 | 55.63 2.01 0.00 | 63.64 2.24 0.00 | 58.56 2.02 0.00 | 59.09 2.10 0.00 | 227.55 9.87 0.00 | 70.03 3.11 0.00 | 64.29 2.80 0.00 | 112.09 4.41 -0.33 | 54.36 2.26 -0.66 | 45.37 1.85 -0.06 | 40.56 1.61 0.00 | 49.02 2.03 0.00 |
| BRADY___115KV_TB2 356060 | 44.16 -0.27 0.00 | 44.24 -0.20 0.00 | 39.45 -0.12 0.00 | 38.61 -0.28 0.00 | 40.10 -0.19 0.00 | 40.90 0.71 0.00 | 46.75 1.09 0.00 | 49.01 1.05 0.00 | 49.89 1.56 0.00 | 54.28 1.63 0.00 | 56.97 2.32 0.00 | 59.51 3.38 0.00 | 56.65 3.03 0.00 | 64.41 3.01 0.00 | 59.21 2.67 0.00 | 59.23 2.24 0.00 | 220.70 3.03 0.00 | 68.77 1.86 0.00 | 63.28 1.79 0.00 | 110.59 3.24 0.00 | 52.81 1.37 0.00 | 44.37 0.91 0.00 | 40.08 1.13 0.00 | 48.09 1.11 0.00 |
| BRANSCOMB___SOLAR 323811 | 47.22 2.80 0.00 | 47.20 2.76 0.00 | 42.72 2.45 -0.70 | 41.27 2.39 0.00 | 42.65 2.36 0.00 | 42.38 2.18 0.00 | 48.14 2.48 0.00 | 50.56 2.61 0.00 | 50.81 2.48 0.00 | 55.14 2.49 0.00 | 57.04 2.39 0.00 | 58.55 2.42 0.00 | 55.88 2.27 0.00 | 63.96 2.56 0.00 | 59.25 2.71 0.00 | 59.90 2.91 0.00 | 229.29 11.62 0.00 | 70.55 3.64 0.00 | 64.89 3.40 0.00 | 113.59 5.82 -0.43 | 55.13 2.83 -0.86 | 45.85 2.31 -0.08 | 40.96 2.01 0.00 | 49.40 2.41 -0.01 |
| BRDGHMPT_69_KV_BK1 55812 | 49.01 4.58 0.00 | 48.66 4.22 0.00 | 43.74 3.61 -0.55 | 42.22 3.33 0.00 | 43.92 3.63 0.00 | 43.63 3.44 0.00 | 49.08 3.42 0.00 | 50.82 2.86 0.00 | 50.62 2.30 0.00 | 54.40 1.75 0.00 | 59.40 2.29 -2.46 | 58.41 2.28 0.00 | 56.16 2.53 0.00 | 64.75 3.36 0.00 | 59.66 3.12 0.00 | 59.02 2.03 0.00 | 233.53 12.29 -3.56 | 71.68 4.54 -0.22 | 66.88 4.77 -0.62 | 115.66 6.76 -1.56 | 54.63 2.51 -0.68 | 45.79 2.26 -0.06 | 40.79 1.84 0.00 | 49.47 2.48 0.00 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 47.76 3.33 0.00 | 47.46 3.02 0.00 | 42.74 2.61 -0.55 | 41.27 2.38 0.00 | 42.99 2.70 0.00 | 42.90 2.71 0.00 | 48.40 2.75 0.00 | 50.50 2.55 0.00 | 50.62 2.30 0.00 | 54.84 2.19 0.00 | 59.76 2.97 -2.14 | 59.29 3.16 0.00 | 57.18 3.56 0.00 | 65.11 3.71 0.00 | 59.80 3.27 0.00 | 60.05 3.06 0.00 | 233.42 12.65 -3.10 | 71.09 3.98 -0.19 | 66.08 4.05 -0.54 | 115.38 6.64 -1.40 | 55.29 3.16 -0.68 | 46.35 2.82 -0.06 | 41.66 2.71 0.00 | 50.31 3.33 0.00 |
| BRISTLHL_115KV_TB1 79998 | 42.93 -1.50 0.00 | 42.96 -1.48 0.00 | 38.25 -1.37 -0.05 | 37.58 -1.31 0.00 | 38.96 -1.33 0.00 | 38.90 -1.30 0.00 | 44.21 -1.44 0.00 | 46.52 -1.44 0.00 | 46.93 -1.39 0.00 | 51.13 -1.52 0.00 | 53.13 -1.52 0.00 | 54.45 -1.69 0.00 | 52.00 -1.62 0.00 | 59.63 -1.76 0.00 | 54.91 -1.63 0.00 | 55.27 -1.72 0.00 | 211.05 -6.62 0.00 | 64.91 -2.00 0.00 | 59.60 -1.89 0.00 | 104.08 -3.29 -0.03 | 49.80 -1.69 -0.06 | 42.07 -1.40 0.00 | 37.70 -1.25 0.00 | 45.42 -1.56 0.00 |
| BROOKHAVEN___DRP 24191 | 47.75 3.32 0.00 | 47.42 2.97 0.00 | 42.69 2.56 -0.55 | 41.22 2.34 0.00 | 42.92 2.63 0.00 | 42.72 2.53 0.00 | 48.12 2.46 0.00 | 50.02 2.06 0.00 | 50.04 1.71 0.00 | 54.03 1.38 0.00 | 59.31 2.16 -2.50 | 58.30 2.17 0.00 | 56.07 2.45 0.00 | 64.24 2.85 0.00 | 59.10 2.57 0.00 | 58.81 1.82 0.00 | 231.05 9.76 -3.62 | 70.61 3.47 -0.23 | 65.90 3.78 -0.63 | 114.07 5.15 -1.57 | 54.35 2.23 -0.68 | 45.74 2.22 -0.06 | 41.07 2.12 0.00 | 49.83 2.84 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 46.58 2.15 0.00 | 46.40 1.96 0.00 | 41.79 1.66 -0.55 | 40.42 1.54 0.00 | 41.86 1.57 0.00 | 41.80 1.60 0.00 | 47.65 1.99 0.00 | 50.22 2.26 0.00 | 50.57 2.25 0.00 | 59.71 2.61 -4.45 | 67.80 2.69 -10.46 | 149.01 2.96 -89.92 | 117.46 2.97 -60.87 | 65.93 3.25 -1.29 | 61.16 2.95 -1.68 | 61.27 3.00 -1.28 | 230.26 12.59 0.00 | 70.75 3.84 0.00 | 64.99 3.49 0.00 | 113.34 5.65 -0.34 | 56.10 2.91 -1.75 | 46.20 2.40 -0.33 | 41.00 2.05 0.00 | 49.44 2.45 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| BROOME_2_LFGE 323671 | 44.11 -0.32 0.00 | 44.21 -0.24 0.00 | 39.41 -0.35 -0.18 | 38.60 -0.28 0.00 | 40.09 -0.20 0.00 | 39.97 -0.22 0.00 | 45.53 -0.12 0.00 | 47.65 -0.30 0.00 | 48.19 -0.13 0.00 | 52.51 -0.14 0.00 | 54.61 -0.04 0.00 | 55.92 -0.21 0.00 | 53.34 -0.28 0.00 | 61.26 -0.13 0.00 | 56.21 -0.32 0.00 | 56.59 -0.39 0.00 | 216.14 -1.53 0.00 | 66.24 -0.67 0.00 | 60.91 -0.58 0.00 | 106.56 -0.91 -0.11 | 51.03 -0.63 -0.23 | 42.99 -0.49 -0.02 | 38.48 -0.47 0.00 | 46.56 -0.43 0.00 |
| BROOME___LFGE 323600 | 44.11 -0.32 0.00 | 44.21 -0.24 0.00 | 39.41 -0.35 -0.18 | 38.60 -0.28 0.00 | 40.09 -0.20 0.00 | 39.97 -0.22 0.00 | 45.53 -0.12 0.00 | 47.65 -0.30 0.00 | 48.19 -0.13 0.00 | 52.51 -0.14 0.00 | 54.61 -0.04 0.00 | 55.92 -0.21 0.00 | 53.34 -0.28 0.00 | 61.26 -0.13 0.00 | 56.21 -0.32 0.00 | 56.59 -0.39 0.00 | 216.14 -1.53 0.00 | 66.24 -0.67 0.00 | 60.91 -0.58 0.00 | 106.56 -0.91 -0.11 | 51.03 -0.63 -0.23 | 42.99 -0.49 -0.02 | 38.48 -0.47 0.00 | 46.56 -0.43 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 43.57 -0.85 0.00 | 43.72 -0.72 0.00 | 38.73 -0.85 -0.02 | 38.04 -0.84 0.00 | 39.66 -0.63 0.00 | 40.09 -0.11 0.00 | 45.29 -0.37 0.00 | 47.89 -0.06 0.00 | 48.80 0.48 0.00 | 53.01 0.37 0.00 | 55.91 1.26 0.00 | 57.98 1.85 0.00 | 55.18 1.56 0.00 | 62.89 1.49 0.00 | 57.92 1.38 0.00 | 57.98 0.99 0.00 | 215.98 -1.70 0.00 | 66.92 0.00 0.00 | 61.26 -0.24 0.00 | 106.87 -0.48 -0.01 | 51.34 -0.12 -0.02 | 43.43 -0.03 0.00 | 39.21 0.26 0.00 | 47.17 0.19 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 47.24 2.82 0.00 | 46.94 2.50 0.00 | 42.26 2.14 -0.55 | 40.89 2.01 0.00 | 42.35 2.07 0.00 | 42.31 2.12 0.00 | 48.25 2.59 0.00 | 50.86 2.90 0.00 | 51.16 2.84 0.00 | 60.28 3.18 -4.44 | 68.41 3.30 -10.46 | 149.57 3.52 -89.92 | 117.99 3.50 -60.87 | 66.59 3.91 -1.29 | 61.77 3.56 -1.68 | 61.87 3.61 -1.27 | 232.72 15.04 0.00 | 71.61 4.70 0.00 | 65.79 4.29 0.00 | 114.73 7.05 -0.34 | 56.76 3.58 -1.74 | 46.75 2.96 -0.33 | 41.49 2.54 0.00 | 50.04 3.05 0.00 |
| BURROWS___LYONSDAL 23803 | 44.56 0.13 0.00 | 44.71 0.26 0.00 | 39.54 -0.05 -0.02 | 38.93 0.04 0.00 | 40.62 0.33 0.00 | 40.76 0.56 0.00 | 46.18 0.53 0.00 | 48.87 0.91 0.00 | 49.55 1.23 0.00 | 53.61 0.96 0.00 | 56.04 1.39 0.00 | 57.60 1.47 0.00 | 54.91 1.29 0.00 | 62.76 1.37 0.00 | 57.91 1.38 0.00 | 58.38 1.39 0.00 | 221.24 3.57 0.00 | 68.15 1.24 0.00 | 62.30 0.81 0.00 | 108.74 1.38 -0.01 | 52.19 0.72 -0.03 | 44.07 0.60 0.00 | 39.58 0.63 0.00 | 47.59 0.61 0.00 |
| CAITHNESS_CC_1 323624 | 47.56 3.14 0.00 | 47.24 2.80 0.00 | 42.54 2.41 -0.55 | 41.08 2.20 0.00 | 42.78 2.49 0.00 | 42.57 2.37 0.00 | 47.95 2.29 0.00 | 49.85 1.90 0.00 | 49.88 1.56 0.00 | 53.88 1.24 0.00 | 59.23 2.06 -2.53 | 58.27 2.14 0.00 | 56.06 2.44 0.00 | 64.13 2.74 0.00 | 58.99 2.46 0.00 | 58.79 1.81 0.00 | 230.40 9.06 -3.67 | 70.35 3.21 -0.23 | 65.65 3.52 -0.63 | 113.78 4.84 -1.59 | 54.30 2.18 -0.68 | 45.67 2.15 -0.06 | 41.05 2.10 0.00 | 49.74 2.75 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 47.24 2.82 0.00 | 46.96 2.52 0.00 | 42.29 2.17 -0.55 | 40.87 1.98 0.00 | 42.54 2.25 0.00 | 42.44 2.25 0.00 | 47.80 2.15 0.00 | 50.02 2.06 0.00 | 50.21 1.88 0.00 | 54.42 1.77 0.00 | 57.09 2.44 0.00 | 58.75 2.62 0.00 | 56.41 2.79 0.00 | 64.27 2.88 0.00 | 59.06 2.52 0.00 | 59.31 2.32 0.00 | 226.80 9.12 0.00 | 70.23 3.32 0.00 | 64.83 3.34 0.00 | 112.78 5.09 -0.34 | 54.70 2.58 -0.68 | 45.96 2.44 -0.06 | 41.23 2.28 0.00 | 49.74 2.76 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 47.25 2.82 0.00 | 46.96 2.52 0.00 | 42.29 2.16 -0.55 | 40.87 1.98 0.00 | 42.54 2.25 0.00 | 42.45 2.25 0.00 | 47.80 2.15 0.00 | 50.02 2.06 0.00 | 50.20 1.88 0.00 | 54.41 1.77 0.00 | 57.10 2.45 0.00 | 58.77 2.64 0.00 | 56.42 2.79 0.00 | 64.28 2.89 0.00 | 59.06 2.52 0.00 | 59.31 2.32 0.00 | 226.94 9.26 0.00 | 70.23 3.32 0.00 | 64.83 3.34 0.00 | 112.78 5.09 -0.34 | 54.70 2.58 -0.68 | 45.96 2.44 -0.06 | 41.23 2.28 0.00 | 49.75 2.76 0.00 |
| CALPINE_BP_GT1 23823 | 47.25 2.82 0.00 | 46.96 2.52 0.00 | 42.29 2.16 -0.55 | 40.87 1.98 0.00 | 42.54 2.25 0.00 | 42.45 2.25 0.00 | 47.80 2.15 0.00 | 50.02 2.06 0.00 | 50.20 1.88 0.00 | 54.41 1.77 0.00 | 57.10 2.45 0.00 | 58.77 2.64 0.00 | 56.42 2.79 0.00 | 64.28 2.89 0.00 | 59.06 2.52 0.00 | 59.31 2.32 0.00 | 226.94 9.26 0.00 | 70.23 3.32 0.00 | 64.83 3.34 0.00 | 112.78 5.09 -0.34 | 54.70 2.58 -0.68 | 45.96 2.44 -0.06 | 41.23 2.28 0.00 | 49.75 2.76 0.00 |
| CALSPAN___DRP 24200 | 43.90 -0.53 0.00 | 44.18 -0.26 0.00 | 39.08 -0.59 -0.09 | 38.55 -0.33 0.00 | 40.07 -0.22 0.00 | 39.87 -0.32 0.00 | 44.91 -0.74 0.00 | 46.47 -1.48 0.00 | 47.33 -0.99 0.00 | 52.10 -0.55 0.00 | 54.70 0.05 0.00 | 55.59 -0.54 0.00 | 52.34 -1.28 0.00 | 60.20 -1.20 0.00 | 54.99 -1.54 0.00 | 55.22 -1.77 0.00 | 209.08 -8.60 0.00 | 64.34 -2.58 0.00 | 59.11 -2.38 0.00 | 103.34 -4.07 -0.06 | 49.11 -2.45 -0.12 | 41.57 -1.90 -0.01 | 37.53 -1.42 0.00 | 45.60 -1.38 0.00 |

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| CALVERTON___SOLAR 323806 | 47.95 3.52 0.00 | 47.60 3.16 0.00 | 42.85 2.73 -0.55 | 41.38 2.50 0.00 | 43.10 2.81 0.00 | 42.89 2.69 0.00 | 48.31 2.65 0.00 | 50.20 2.24 0.00 | 50.20 1.88 0.00 | 54.15 1.50 0.00 | 59.41 2.28 -2.48 | 58.38 2.25 0.00 | 56.09 2.47 0.00 | 64.36 2.96 0.00 | 59.22 2.69 0.00 | 58.82 1.84 0.00 | 231.79 10.51 -3.60 | 70.86 3.72 -0.23 | 66.13 4.02 -0.62 | 114.37 5.46 -1.57 | 54.41 2.29 -0.68 | 45.81 2.28 -0.06 | 41.08 2.13 0.00 | 49.87 2.89 0.00 |
| CANDIGU_WT_PWR 323617 | 42.31 -2.12 0.00 | 42.60 -1.84 0.00 | 37.80 -1.91 -0.13 | 37.26 -1.63 0.00 | 38.91 -1.38 0.00 | 39.03 -1.17 0.00 | 44.33 -1.33 0.00 | 45.91 -2.05 0.00 | 46.88 -1.44 0.00 | 51.25 -1.40 0.00 | 53.52 -1.13 0.00 | 54.43 -1.70 0.00 | 51.71 -1.91 0.00 | 59.55 -1.84 0.00 | 53.94 -2.59 0.00 | 54.12 -2.87 0.00 | 205.82 -11.86 0.00 | 63.02 -3.89 0.00 | 57.87 -3.63 0.00 | 101.40 -6.02 -0.08 | 48.36 -3.24 -0.16 | 40.97 -2.51 -0.01 | 36.80 -2.15 0.00 | 44.76 -2.22 0.00 |
| CARR STREET_E_SYR 24060 | 43.44 -0.99 0.00 | 43.47 -0.97 0.00 | 38.72 -0.91 -0.05 | 38.02 -0.86 0.00 | 39.44 -0.85 0.00 | 39.37 -0.82 0.00 | 44.77 -0.88 0.00 | 47.01 -0.94 0.00 | 47.43 -0.89 0.00 | 51.71 -0.94 0.00 | 53.75 -0.90 0.00 | 55.05 -1.08 0.00 | 52.53 -1.09 0.00 | 60.23 -1.16 0.00 | 55.43 -1.11 0.00 | 55.83 -1.16 0.00 | 213.13 -4.55 0.00 | 65.51 -1.40 0.00 | 60.18 -1.31 0.00 | 105.06 -2.32 -0.03 | 50.26 -1.24 -0.07 | 42.45 -1.01 -0.01 | 38.12 -0.83 0.00 | 45.97 -1.01 0.00 |
| CARTHAGE___PAPER 23857 | 44.05 -0.37 0.00 | 44.22 -0.22 0.00 | 38.99 -0.61 -0.03 | 38.40 -0.49 0.00 | 40.21 -0.08 0.00 | 40.53 0.34 0.00 | 45.83 0.17 0.00 | 48.76 0.80 0.00 | 49.57 1.25 0.00 | 53.29 0.64 0.00 | 56.11 1.46 0.00 | 57.78 1.65 0.00 | 55.04 1.43 0.00 | 62.85 1.45 0.00 | 58.10 1.56 0.00 | 58.55 1.57 0.00 | 220.73 3.06 0.00 | 68.24 1.33 0.00 | 62.21 0.72 0.00 | 108.38 1.02 -0.02 | 52.16 0.69 -0.03 | 44.03 0.56 0.00 | 39.51 0.56 0.00 | 47.43 0.44 0.00 |
| CASSADAGA_WT_PWR 323784 | 42.33 -2.09 0.00 | 42.73 -1.71 0.00 | 37.77 -1.90 -0.10 | 37.18 -1.71 0.00 | 38.66 -1.63 0.00 | 38.88 -1.32 0.00 | 44.13 -1.52 0.00 | 45.39 -2.56 0.00 | 46.58 -1.74 0.00 | 51.20 -1.44 0.00 | 53.55 -1.10 0.00 | 54.90 -1.23 0.00 | 51.38 -2.24 0.00 | 58.66 -2.73 0.00 | 53.92 -2.61 0.00 | 54.53 -2.45 0.00 | 204.96 -12.72 0.00 | 62.93 -3.98 0.00 | 58.11 -3.39 0.00 | 102.19 -5.22 -0.06 | 48.65 -2.91 -0.12 | 41.31 -2.16 -0.01 | 37.15 -1.80 0.00 | 45.41 -1.58 0.00 |
| CE_DUNWOOD___DRP 24194 | 46.48 2.06 0.00 | 46.37 1.93 0.00 | 41.78 1.66 -0.55 | 40.43 1.54 0.00 | 41.87 1.59 0.00 | 41.79 1.59 0.00 | 47.57 1.91 0.00 | 50.07 2.11 0.00 | 50.31 1.99 0.00 | 54.86 2.21 0.00 | 56.89 2.24 0.00 | 58.56 2.43 0.00 | 56.11 2.49 0.00 | 64.14 2.75 0.00 | 59.02 2.49 0.00 | 59.54 2.56 0.00 | 228.70 11.03 0.00 | 70.42 3.50 0.00 | 64.69 3.19 0.00 | 112.86 5.17 -0.34 | 54.77 2.65 -0.68 | 45.70 2.18 -0.06 | 40.85 1.90 0.00 | 49.31 2.32 0.00 |
| CE_MILLWOOD___DRP 24193 | 46.41 1.98 0.00 | 46.31 1.87 0.00 | 41.72 1.60 -0.55 | 40.38 1.49 0.00 | 41.82 1.54 0.00 | 41.72 1.52 0.00 | 47.49 1.83 0.00 | 49.98 2.03 0.00 | 50.22 1.90 0.00 | 54.75 2.11 0.00 | 56.78 2.13 0.00 | 58.43 2.30 0.00 | 55.97 2.35 0.00 | 64.00 2.61 0.00 | 58.90 2.37 0.00 | 59.43 2.44 0.00 | 228.35 10.67 0.00 | 70.29 3.37 0.00 | 64.57 3.07 0.00 | 112.64 4.95 -0.34 | 54.66 2.55 -0.68 | 45.61 2.09 -0.06 | 40.77 1.82 0.00 | 49.22 2.24 0.00 |
| CE_NYC2_DRP 24202 | 46.75 2.33 0.00 | 46.61 2.16 0.00 | 41.97 1.84 -0.55 | 40.60 1.72 0.00 | 42.05 1.77 0.00 | 42.01 1.81 0.00 | 47.85 2.19 0.00 | 50.38 2.43 0.00 | 50.70 2.38 0.00 | 59.79 2.76 -4.38 | 67.81 2.84 -10.32 | 147.97 3.14 -88.70 | 116.75 3.09 -60.05 | 65.97 3.30 -1.27 | 61.20 3.01 -1.66 | 61.29 3.05 -1.26 | 230.36 12.69 0.00 | 70.91 4.00 0.00 | 65.15 3.66 0.00 | 113.68 5.99 -0.34 | 56.30 3.14 -1.73 | 46.39 2.60 -0.33 | 41.16 2.21 0.00 | 49.65 2.67 0.00 |
| CE_NYC_DRP 24195 | 46.69 2.26 0.00 | 46.52 2.08 0.00 | 41.91 1.79 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.94 1.74 0.00 | 47.81 2.15 0.00 | 50.37 2.42 0.00 | 50.69 2.37 0.00 | 57.86 2.69 -2.52 | 63.35 2.77 -5.94 | 110.14 2.97 -51.05 | 91.16 2.98 -34.56 | 65.45 3.32 -0.73 | 60.51 3.02 -0.95 | 60.77 3.06 -0.72 | 230.54 12.86 0.00 | 70.94 4.03 0.00 | 65.21 3.71 0.00 | 113.72 6.03 -0.34 | 55.78 3.06 -1.28 | 46.21 2.54 -0.21 | 41.13 2.18 0.00 | 49.63 2.65 0.00 |
| CHAFFEE___LFGE 323603 | 44.11 -0.32 0.00 | 44.37 -0.07 0.00 | 39.24 -0.43 -0.10 | 38.71 -0.18 0.00 | 40.24 -0.05 0.00 | 40.05 -0.14 0.00 | 45.16 -0.50 0.00 | 46.77 -1.19 0.00 | 47.66 -0.66 0.00 | 52.42 -0.23 0.00 | 55.01 0.37 0.00 | 55.91 -0.22 0.00 | 52.63 -0.99 0.00 | 60.56 -0.83 0.00 | 55.33 -1.21 0.00 | 55.57 -1.42 0.00 | 210.07 -7.61 0.00 | 64.78 -2.13 0.00 | 59.53 -1.96 0.00 | 104.08 -3.33 -0.06 | 49.41 -2.15 -0.12 | 41.82 -1.65 -0.01 | 37.72 -1.24 0.00 | 45.79 -1.19 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 43.14 -1.29 0.00 | 43.15 -1.30 0.00 | 38.53 -1.05 0.00 | 37.66 -1.22 0.00 | 39.07 -1.22 0.00 | 40.23 0.04 0.00 | 46.39 0.73 0.00 | 48.68 0.73 0.00 | 49.43 1.11 0.00 | 54.00 1.35 0.00 | 56.63 1.98 0.00 | 59.17 3.04 0.00 | 56.05 2.43 0.00 | 64.04 2.65 0.00 | 58.77 2.24 0.00 | 58.96 1.98 0.00 | 220.04 2.37 0.00 | 68.49 1.58 0.00 | 63.14 1.65 0.00 | 110.24 2.90 0.00 | 52.62 1.18 0.00 | 44.20 0.74 0.00 | 39.90 0.95 0.00 | 47.82 0.84 0.00 |
| CHATEAUG_WT_PWR 323614 | 43.15 -1.27 0.00 | 43.15 -1.30 0.00 | 38.53 -1.04 0.00 | 37.68 -1.21 0.00 | 39.08 -1.21 0.00 | 40.19 0.00 0.00 | 46.27 0.62 0.00 | 48.55 0.60 0.00 | 49.29 0.97 0.00 | 53.95 1.31 0.00 | 56.53 1.89 0.00 | 59.06 2.93 0.00 | 56.02 2.40 0.00 | 63.90 2.50 0.00 | 58.68 2.14 0.00 | 58.83 1.85 0.00 | 219.80 2.13 0.00 | 68.29 1.37 0.00 | 62.92 1.42 0.00 | 109.85 2.50 0.00 | 52.45 1.01 0.00 | 44.08 0.62 0.00 | 39.79 0.84 0.00 | 47.72 0.74 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 43.14 -1.29 0.00 | 43.15 -1.30 0.00 | 38.53 -1.05 0.00 | 37.66 -1.22 0.00 | 39.07 -1.22 0.00 | 40.23 0.04 0.00 | 46.39 0.73 0.00 | 48.68 0.73 0.00 | 49.43 1.11 0.00 | 54.00 1.35 0.00 | 56.63 1.98 0.00 | 59.17 3.04 0.00 | 56.05 2.43 0.00 | 64.04 2.65 0.00 | 58.77 2.24 0.00 | 58.96 1.98 0.00 | 220.04 2.37 0.00 | 68.49 1.58 0.00 | 63.14 1.65 0.00 | 110.24 2.90 0.00 | 52.62 1.18 0.00 | 44.20 0.74 0.00 | 39.90 0.95 0.00 | 47.82 0.84 0.00 |
| CHAUTAUQUA___LFGE 323629 | 42.98 -1.44 0.00 | 43.35 -1.10 0.00 | 38.27 -1.40 -0.10 | 37.72 -1.17 0.00 | 39.28 -1.01 0.00 | 39.30 -0.90 0.00 | 44.53 -1.12 0.00 | 45.89 -2.07 0.00 | 46.88 -1.44 0.00 | 51.53 -1.12 0.00 | 53.94 -0.71 0.00 | 54.97 -1.16 0.00 | 51.72 -1.90 0.00 | 59.33 -2.07 0.00 | 54.27 -2.26 0.00 | 54.67 -2.32 0.00 | 206.61 -11.06 0.00 | 63.48 -3.44 0.00 | 58.52 -2.98 0.00 | 102.65 -4.76 -0.06 | 48.79 -2.77 -0.12 | 41.37 -2.10 -0.01 | 37.18 -1.77 0.00 | 45.40 -1.58 0.00 |
| CHERRYST_13_KV_LD 356241 | 46.81 2.39 0.00 | 46.65 2.21 0.00 | 42.01 1.88 -0.55 | 40.67 1.78 0.00 | 42.12 1.83 0.00 | 42.06 1.86 0.00 | 47.96 2.30 0.00 | 50.53 2.58 0.00 | 50.85 2.53 0.00 | 58.04 2.87 -2.52 | 63.54 2.96 -5.94 | 110.34 3.17 -51.05 | 91.36 3.18 -34.56 | 65.67 3.54 -0.73 | 60.70 3.21 -0.95 | 60.98 3.27 -0.72 | 231.31 13.64 0.00 | 71.17 4.26 0.00 | 65.40 3.91 0.00 | 114.05 6.36 -0.34 | 55.94 3.22 -1.28 | 46.33 2.65 -0.21 | 41.24 2.29 0.00 | 49.76 2.78 0.00 |

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| CHESTROR_138KV_BK263 355645 | 46.14 1.71 0.00 | 46.07 1.63 0.00 | 41.49 1.40 -0.52 | 40.20 1.32 0.00 | 41.63 1.34 0.00 | 41.54 1.34 0.00 | 47.28 1.63 0.00 | 49.74 1.79 0.00 | 49.97 1.64 0.00 | 54.46 1.81 0.00 | 56.46 1.82 0.00 | 58.07 1.94 0.00 | 55.59 1.98 0.00 | 63.63 2.23 0.00 | 58.56 2.03 0.00 | 59.10 2.12 0.00 | 227.04 9.36 0.00 | 69.88 2.96 0.00 | 64.18 2.68 0.00 | 112.03 4.36 -0.32 | 54.28 2.21 -0.64 | 45.33 1.81 -0.06 | 40.52 1.57 0.00 | 48.92 1.94 0.00 |
| CH_MIDHUDSON___DRP 24192 | 46.44 2.02 0.00 | 46.36 1.92 0.00 | 41.81 1.67 -0.56 | 40.48 1.60 0.00 | 41.91 1.63 0.00 | 41.82 1.63 0.00 | 47.61 1.95 0.00 | 50.11 2.16 0.00 | 50.37 2.05 0.00 | 54.85 2.20 0.00 | 56.84 2.19 0.00 | 58.49 2.36 0.00 | 56.02 2.40 0.00 | 64.06 2.66 0.00 | 59.00 2.47 0.00 | 59.56 2.58 0.00 | 228.56 10.88 0.00 | 70.36 3.45 0.00 | 64.68 3.19 0.00 | 112.94 5.25 -0.35 | 54.79 2.65 -0.70 | 45.69 2.17 -0.06 | 40.81 1.86 0.00 | 49.22 2.23 0.00 |
| CH_MISC_IPPS 23765 | 46.70 2.28 0.00 | 46.62 2.18 0.00 | 42.02 1.89 -0.55 | 40.68 1.79 0.00 | 42.15 1.86 0.00 | 42.06 1.86 0.00 | 47.91 2.25 0.00 | 50.43 2.48 0.00 | 50.67 2.35 0.00 | 55.20 2.55 0.00 | 57.22 2.58 0.00 | 58.87 2.74 0.00 | 56.36 2.75 0.00 | 64.48 3.08 0.00 | 59.37 2.84 0.00 | 59.94 2.95 0.00 | 230.17 12.49 0.00 | 70.86 3.95 0.00 | 65.11 3.62 0.00 | 113.68 5.99 -0.34 | 55.10 2.98 -0.68 | 45.96 2.43 -0.06 | 41.04 2.09 0.00 | 49.49 2.50 0.00 |
| CH_RES_BVR_FALLS 23983 | 44.17 -0.26 0.00 | 44.18 -0.26 0.00 | 39.36 -0.21 0.00 | 38.65 -0.24 0.00 | 40.06 -0.23 0.00 | 40.17 -0.02 0.00 | 45.72 0.06 0.00 | 47.99 0.03 0.00 | 48.45 0.13 0.00 | 52.84 0.20 0.00 | 54.95 0.30 0.00 | 56.64 0.51 0.00 | 54.03 0.41 0.00 | 61.81 0.42 0.00 | 56.87 0.34 0.00 | 57.26 0.27 0.00 | 217.55 -0.13 0.00 | 67.04 0.12 0.00 | 61.62 0.13 0.00 | 107.61 0.26 0.00 | 51.54 0.10 0.00 | 43.49 0.03 0.00 | 39.03 0.08 0.00 | 47.02 0.04 0.00 |
| CH_RES_NIAGARA 23895 | 43.33 -1.10 0.00 | 43.60 -0.84 0.00 | 38.55 -1.11 -0.09 | 38.02 -0.86 0.00 | 39.51 -0.78 0.00 | 39.20 -1.00 0.00 | 43.74 -1.92 0.00 | 45.15 -2.80 0.00 | 45.90 -2.42 0.00 | 50.65 -1.99 0.00 | 53.21 -1.44 0.00 | 54.00 -2.13 0.00 | 50.80 -2.82 0.00 | 58.35 -3.04 0.00 | 53.35 -3.19 0.00 | 53.60 -3.39 0.00 | 201.57 -16.11 0.00 | 62.09 -4.82 0.00 | 57.05 -4.44 0.00 | 99.74 -7.66 -0.05 | 47.38 -4.16 -0.10 | 40.32 -3.15 -0.01 | 36.58 -2.37 0.00 | 44.47 -2.51 0.00 |
| CH_RES_SYRACUSE 23985 | 43.79 -0.63 0.00 | 43.82 -0.62 0.00 | 39.03 -0.60 -0.06 | 38.33 -0.55 0.00 | 39.76 -0.53 0.00 | 39.70 -0.50 0.00 | 45.17 -0.49 0.00 | 47.45 -0.51 0.00 | 47.86 -0.46 0.00 | 52.14 -0.51 0.00 | 54.20 -0.45 0.00 | 55.50 -0.63 0.00 | 52.96 -0.66 0.00 | 60.75 -0.64 0.00 | 55.93 -0.60 0.00 | 56.33 -0.65 0.00 | 215.08 -2.59 0.00 | 66.08 -0.84 0.00 | 60.73 -0.77 0.00 | 106.04 -1.34 -0.04 | 50.68 -0.82 -0.07 | 42.82 -0.65 -0.01 | 38.34 -0.61 0.00 | 46.25 -0.73 0.00 |
| CLINTON_WT_PWR 323605 | 43.15 -1.27 0.00 | 43.15 -1.30 0.00 | 38.53 -1.04 0.00 | 37.68 -1.21 0.00 | 39.08 -1.21 0.00 | 40.19 0.00 0.00 | 46.27 0.62 0.00 | 48.55 0.60 0.00 | 49.29 0.97 0.00 | 53.95 1.31 0.00 | 56.53 1.89 0.00 | 59.06 2.93 0.00 | 56.02 2.40 0.00 | 63.90 2.50 0.00 | 58.68 2.14 0.00 | 58.83 1.85 0.00 | 219.80 2.13 0.00 | 68.29 1.37 0.00 | 62.92 1.42 0.00 | 109.85 2.50 0.00 | 52.45 1.01 0.00 | 44.08 0.62 0.00 | 39.79 0.84 0.00 | 47.72 0.74 0.00 |
| CLINTON___LFGE 323618 | 43.82 -0.61 0.00 | 43.82 -0.62 0.00 | 39.09 -0.48 0.00 | 38.24 -0.64 0.00 | 39.70 -0.59 0.00 | 40.81 0.61 0.00 | 47.06 1.40 0.00 | 49.41 1.46 0.00 | 50.17 1.85 0.00 | 54.84 2.19 0.00 | 57.45 2.81 0.00 | 59.94 3.81 0.00 | 56.77 3.15 0.00 | 64.70 3.30 0.00 | 59.59 3.06 0.00 | 59.84 2.86 0.00 | 223.79 6.11 0.00 | 69.51 2.60 0.00 | 64.11 2.61 0.00 | 111.86 4.52 0.00 | 53.37 1.93 0.00 | 44.82 1.36 0.00 | 40.45 1.50 0.00 | 48.48 1.50 0.00 |
| COBBLENY_34_KV_TB1 80064 | 44.11 -0.32 0.00 | 44.37 -0.07 0.00 | 39.24 -0.43 -0.10 | 38.71 -0.18 0.00 | 40.25 -0.05 0.00 | 40.05 -0.15 0.00 | 45.16 -0.50 0.00 | 46.77 -1.19 0.00 | 47.66 -0.67 0.00 | 52.41 -0.24 0.00 | 55.02 0.37 0.00 | 55.91 -0.22 0.00 | 52.64 -0.98 0.00 | 60.57 -0.82 0.00 | 55.34 -1.20 0.00 | 55.57 -1.42 0.00 | 210.59 -7.09 0.00 | 64.79 -2.13 0.00 | 59.54 -1.96 0.00 | 104.08 -3.33 -0.06 | 49.41 -2.14 -0.12 | 41.82 -1.65 -0.01 | 37.73 -1.22 0.00 | 45.81 -1.18 0.00 |
| COFFEEN___115KV_TB3 355620 | 43.79 -0.63 0.00 | 43.93 -0.51 0.00 | 38.71 -0.89 -0.03 | 38.13 -0.75 0.00 | 39.94 -0.35 0.00 | 40.26 0.06 0.00 | 45.60 -0.05 0.00 | 48.60 0.65 0.00 | 49.35 1.03 0.00 | 52.90 0.25 0.00 | 55.66 1.01 0.00 | 57.17 1.04 0.00 | 54.46 0.84 0.00 | 62.22 0.82 0.00 | 57.70 1.16 0.00 | 58.18 1.19 0.00 | 220.38 2.70 0.00 | 68.16 1.25 0.00 | 62.15 0.66 0.00 | 108.13 0.77 -0.02 | 51.99 0.51 -0.04 | 43.85 0.39 0.00 | 39.23 0.28 0.00 | 47.04 0.06 0.00 |
| COLDSPRG_115KV_BK1 355956 | 43.86 -0.57 0.00 | 44.20 -0.24 0.00 | 39.00 -0.67 -0.10 | 38.38 -0.51 0.00 | 39.90 -0.39 0.00 | 39.85 -0.34 0.00 | 45.30 -0.36 0.00 | 46.91 -1.04 0.00 | 47.89 -0.43 0.00 | 52.68 0.03 0.00 | 55.08 0.43 0.00 | 56.32 0.20 0.00 | 53.05 -0.57 0.00 | 60.94 -0.45 0.00 | 55.77 -0.77 0.00 | 56.17 -0.81 0.00 | 212.09 -5.59 0.00 | 65.06 -1.85 0.00 | 59.93 -1.56 0.00 | 105.11 -2.31 -0.06 | 49.92 -1.64 -0.13 | 42.23 -1.24 -0.01 | 37.96 -0.99 0.00 | 46.31 -0.67 0.00 |
| COLONIE_LFGE___ 323577 | 46.43 2.00 0.00 | 46.38 1.94 0.00 | 42.02 1.76 -0.68 | 40.59 1.70 0.00 | 41.98 1.69 0.00 | 41.79 1.59 0.00 | 47.35 1.70 0.00 | 49.80 1.85 0.00 | 50.04 1.72 0.00 | 54.37 1.73 0.00 | 56.22 1.57 0.00 | 57.77 1.64 0.00 | 55.31 1.69 0.00 | 63.25 1.85 0.00 | 58.45 1.92 0.00 | 59.05 2.06 0.00 | 226.00 8.32 0.00 | 69.50 2.59 0.00 | 63.90 2.41 0.00 | 111.87 4.10 -0.42 | 54.34 2.06 -0.85 | 45.24 1.70 -0.08 | 40.47 1.52 0.00 | 48.82 1.84 0.00 |
| COOPERNY_115KV_TB1 80082 | 45.69 1.27 0.00 | 45.67 1.23 0.00 | 41.06 1.06 -0.42 | 39.89 1.00 0.00 | 41.32 1.03 0.00 | 41.21 1.02 0.00 | 46.89 1.23 0.00 | 49.29 1.34 0.00 | 49.57 1.24 0.00 | 54.02 1.37 0.00 | 56.03 1.38 0.00 | 57.60 1.47 0.00 | 55.12 1.50 0.00 | 63.09 1.69 0.00 | 58.04 1.50 0.00 | 58.56 1.57 0.00 | 224.62 6.95 0.00 | 69.08 2.17 0.00 | 63.48 1.98 0.00 | 110.86 3.25 -0.26 | 53.59 1.63 -0.52 | 44.85 1.34 -0.05 | 40.10 1.15 0.00 | 48.43 1.44 0.00 |
| COPENHAGEN_WT_PWR 323753 | 43.32 -1.11 0.00 | 43.48 -0.97 0.00 | 38.26 -1.34 -0.03 | 37.74 -1.15 0.00 | 39.57 -0.72 0.00 | 39.85 -0.35 0.00 | 45.04 -0.62 0.00 | 48.12 0.16 0.00 | 48.92 0.60 0.00 | 52.28 -0.36 0.00 | 55.10 0.46 0.00 | 56.77 0.64 0.00 | 54.10 0.47 0.00 | 61.66 0.27 0.00 | 57.12 0.59 0.00 | 57.61 0.62 0.00 | 218.19 0.52 0.00 | 67.44 0.53 0.00 | 61.42 -0.08 0.00 | 106.80 -0.56 -0.02 | 51.40 -0.07 -0.04 | 43.37 -0.09 0.00 | 38.79 -0.16 0.00 | 46.55 -0.43 0.00 |
| CORNELL_____ 23752 | 44.68 0.26 0.00 | 44.72 0.28 0.00 | 39.84 0.14 -0.13 | 39.05 0.16 0.00 | 40.58 0.29 0.00 | 40.53 0.34 0.00 | 46.25 0.59 0.00 | 48.55 0.60 0.00 | 49.00 0.67 0.00 | 53.30 0.65 0.00 | 55.33 0.69 0.00 | 56.53 0.40 0.00 | 53.93 0.31 0.00 | 62.10 0.70 0.00 | 57.10 0.57 0.00 | 57.52 0.53 0.00 | 219.88 2.21 0.00 | 67.45 0.54 0.00 | 62.03 0.53 0.00 | 108.32 0.90 -0.08 | 51.79 0.19 -0.16 | 43.66 0.19 -0.02 | 39.03 0.08 0.00 | 47.10 0.12 0.00 |

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| CORONA_69_KV_TB1 355595 | 47.34 2.91 0.00 | 47.09 2.65 0.00 | 42.40 2.27 -0.55 | 40.99 2.10 0.00 | 42.62 2.33 0.00 | 42.53 2.34 0.00 | 48.10 2.45 0.00 | 50.34 2.38 0.00 | 50.57 2.25 0.00 | 54.87 2.22 0.00 | 57.60 2.95 0.00 | 59.19 3.06 0.00 | 56.86 3.24 0.00 | 64.77 3.37 0.00 | 59.57 3.04 0.00 | 59.94 2.96 0.00 | 229.21 11.53 0.00 | 71.03 4.12 0.00 | 65.56 4.07 0.00 | 113.91 6.22 -0.34 | 55.32 3.20 -0.68 | 46.27 2.75 -0.06 | 41.48 2.52 0.00 | 50.05 3.06 0.00 |
| CORTLAND_115KV_TB3 80093 | 44.41 -0.02 0.00 | 44.47 0.03 0.00 | 39.61 -0.07 -0.11 | 38.85 -0.04 0.00 | 40.33 0.04 0.00 | 40.28 0.08 0.00 | 45.91 0.25 0.00 | 48.17 0.21 0.00 | 48.62 0.30 0.00 | 52.93 0.28 0.00 | 55.00 0.36 0.00 | 56.29 0.16 0.00 | 53.68 0.06 0.00 | 61.68 0.29 0.00 | 56.72 0.18 0.00 | 57.15 0.17 0.00 | 218.37 0.70 0.00 | 66.98 0.07 0.00 | 61.59 0.10 0.00 | 107.57 0.16 -0.07 | 51.46 -0.11 -0.13 | 43.40 -0.07 -0.01 | 38.83 -0.13 0.00 | 46.86 -0.12 0.00 |
| COXSACKIE___GT 23611 | 47.57 3.15 0.00 | 47.56 3.12 0.00 | 43.04 2.82 -0.64 | 41.64 2.76 0.00 | 43.13 2.84 0.00 | 43.06 2.87 0.00 | 49.05 3.39 0.00 | 51.80 3.85 0.00 | 52.07 3.75 0.00 | 56.64 3.99 0.00 | 58.48 3.84 0.00 | 60.06 3.93 0.00 | 57.33 3.71 0.00 | 65.80 4.40 0.00 | 60.83 4.29 0.00 | 61.35 4.36 0.00 | 230.12 12.44 0.00 | 72.44 5.52 0.00 | 66.52 5.02 0.00 | 116.22 8.48 -0.40 | 56.18 3.95 -0.79 | 46.77 3.24 -0.07 | 41.74 2.79 0.00 | 50.16 3.17 0.00 |
| CPV_VALLEY___CC1 323721 | 45.96 1.53 0.00 | 45.90 1.46 0.00 | 41.30 1.25 -0.48 | 40.06 1.18 0.00 | 41.49 1.20 0.00 | 41.38 1.19 0.00 | 47.09 1.43 0.00 | 49.54 1.59 0.00 | 49.77 1.45 0.00 | 54.24 1.60 0.00 | 56.26 1.61 0.00 | 57.85 1.72 0.00 | 55.38 1.76 0.00 | 63.38 1.98 0.00 | 58.32 1.78 0.00 | 58.84 1.86 0.00 | 226.02 8.35 0.00 | 69.53 2.62 0.00 | 63.87 2.38 0.00 | 111.49 3.84 -0.30 | 53.99 1.96 -0.59 | 45.13 1.61 -0.05 | 40.35 1.40 0.00 | 48.72 1.73 0.00 |
| CPV_VALLEY___CC2 323722 | 45.96 1.53 0.00 | 45.90 1.46 0.00 | 41.30 1.25 -0.48 | 40.06 1.18 0.00 | 41.49 1.20 0.00 | 41.38 1.19 0.00 | 47.09 1.43 0.00 | 49.54 1.59 0.00 | 49.77 1.45 0.00 | 54.24 1.60 0.00 | 56.26 1.61 0.00 | 57.85 1.72 0.00 | 55.38 1.76 0.00 | 63.38 1.98 0.00 | 58.32 1.78 0.00 | 58.84 1.86 0.00 | 226.02 8.35 0.00 | 69.53 2.62 0.00 | 63.87 2.38 0.00 | 111.49 3.84 -0.30 | 53.99 1.96 -0.59 | 45.13 1.61 -0.05 | 40.35 1.40 0.00 | 48.72 1.73 0.00 |
| CRESCENT___HYD 24018 | 46.43 2.00 0.00 | 46.38 1.94 0.00 | 42.02 1.76 -0.68 | 40.59 1.70 0.00 | 41.98 1.69 0.00 | 41.79 1.59 0.00 | 47.35 1.70 0.00 | 49.80 1.85 0.00 | 50.04 1.72 0.00 | 54.37 1.73 0.00 | 56.22 1.57 0.00 | 57.77 1.64 0.00 | 55.31 1.69 0.00 | 63.25 1.85 0.00 | 58.45 1.92 0.00 | 59.05 2.06 0.00 | 226.00 8.32 0.00 | 69.50 2.59 0.00 | 63.90 2.41 0.00 | 111.87 4.10 -0.42 | 54.34 2.06 -0.85 | 45.24 1.70 -0.08 | 40.47 1.52 0.00 | 48.82 1.84 0.00 |
| CRICKET___VALLEY_CC1 323756 | 45.92 1.50 0.00 | 45.86 1.42 0.00 | 41.39 1.24 -0.58 | 40.08 1.20 0.00 | 41.47 1.18 0.00 | 41.36 1.17 0.00 | 47.00 1.35 0.00 | 49.49 1.54 0.00 | 49.73 1.41 0.00 | 54.09 1.44 0.00 | 55.97 1.32 0.00 | 57.59 1.47 0.00 | 55.25 1.63 0.00 | 63.13 1.73 0.00 | 58.21 1.68 0.00 | 58.84 1.85 0.00 | 225.67 7.99 0.00 | 69.45 2.53 0.00 | 63.86 2.37 0.00 | 111.58 3.87 -0.36 | 54.18 2.02 -0.72 | 45.17 1.65 -0.07 | 40.36 1.41 0.00 | 48.67 1.68 0.00 |
| CRICKET___VALLEY_CC2 323757 | 45.92 1.50 0.00 | 45.86 1.42 0.00 | 41.39 1.24 -0.58 | 40.08 1.20 0.00 | 41.47 1.18 0.00 | 41.36 1.17 0.00 | 47.00 1.35 0.00 | 49.49 1.54 0.00 | 49.73 1.41 0.00 | 54.09 1.44 0.00 | 55.97 1.32 0.00 | 57.59 1.47 0.00 | 55.25 1.63 0.00 | 63.13 1.73 0.00 | 58.21 1.68 0.00 | 58.84 1.85 0.00 | 225.67 7.99 0.00 | 69.45 2.53 0.00 | 63.86 2.37 0.00 | 111.58 3.87 -0.36 | 54.18 2.02 -0.72 | 45.17 1.65 -0.07 | 40.36 1.41 0.00 | 48.67 1.68 0.00 |
| CRICKET___VALLEY_CC3 323758 | 45.92 1.50 0.00 | 45.86 1.42 0.00 | 41.39 1.24 -0.58 | 40.08 1.20 0.00 | 41.47 1.18 0.00 | 41.36 1.17 0.00 | 47.00 1.35 0.00 | 49.49 1.54 0.00 | 49.73 1.41 0.00 | 54.09 1.44 0.00 | 55.97 1.32 0.00 | 57.59 1.47 0.00 | 55.25 1.63 0.00 | 63.13 1.73 0.00 | 58.21 1.68 0.00 | 58.84 1.85 0.00 | 225.67 7.99 0.00 | 69.45 2.53 0.00 | 63.86 2.37 0.00 | 111.58 3.87 -0.36 | 54.18 2.02 -0.72 | 45.17 1.65 -0.07 | 40.36 1.41 0.00 | 48.67 1.68 0.00 |
| CRUCIBLE_METL_DRP 24180 | 43.79 -0.64 0.00 | 43.83 -0.62 0.00 | 39.03 -0.60 -0.06 | 38.33 -0.55 0.00 | 39.76 -0.53 0.00 | 39.70 -0.49 0.00 | 45.17 -0.49 0.00 | 47.44 -0.51 0.00 | 47.86 -0.46 0.00 | 52.14 -0.51 0.00 | 54.20 -0.45 0.00 | 55.49 -0.64 0.00 | 52.96 -0.66 0.00 | 60.75 -0.64 0.00 | 55.93 -0.60 0.00 | 56.32 -0.66 0.00 | 215.07 -2.60 0.00 | 66.07 -0.84 0.00 | 60.73 -0.77 0.00 | 106.04 -1.34 -0.04 | 50.69 -0.82 -0.07 | 42.81 -0.65 -0.01 | 38.34 -0.61 0.00 | 46.25 -0.74 0.00 |
| DAHOWA___HYDRO 323763 | 47.52 3.10 0.00 | 47.50 3.06 0.00 | 42.97 2.70 -0.70 | 41.53 2.65 0.00 | 42.89 2.60 0.00 | 42.60 2.41 0.00 | 48.42 2.77 0.00 | 50.85 2.90 0.00 | 51.09 2.77 0.00 | 55.44 2.79 0.00 | 57.33 2.68 0.00 | 58.82 2.69 0.00 | 56.14 2.52 0.00 | 64.25 2.85 0.00 | 59.55 3.02 0.00 | 60.21 3.23 0.00 | 230.59 12.92 0.00 | 70.92 4.01 0.00 | 65.27 3.77 0.00 | 114.22 6.44 -0.43 | 55.42 3.13 -0.86 | 46.06 2.53 -0.08 | 41.15 2.20 0.00 | 49.62 2.63 -0.01 |
| DANC___LFGE 323619 | 43.29 -1.13 0.00 | 43.38 -1.06 0.00 | 38.36 -1.25 -0.04 | 37.76 -1.12 0.00 | 39.41 -0.88 0.00 | 39.56 -0.64 0.00 | 44.77 -0.88 0.00 | 47.54 -0.41 0.00 | 48.21 -0.12 0.00 | 51.93 -0.72 0.00 | 54.44 -0.20 0.00 | 55.95 -0.18 0.00 | 53.34 -0.28 0.00 | 60.94 -0.46 0.00 | 56.32 -0.21 0.00 | 56.77 -0.21 0.00 | 215.50 -2.18 0.00 | 66.50 -0.41 0.00 | 60.75 -0.74 0.00 | 105.79 -1.58 -0.02 | 50.82 -0.67 -0.05 | 42.92 -0.54 0.00 | 38.45 -0.50 0.00 | 46.20 -0.78 0.00 |
| DANSKAMMER___1 23586 | 46.70 2.28 0.00 | 46.62 2.18 0.00 | 42.02 1.89 -0.55 | 40.68 1.79 0.00 | 42.15 1.86 0.00 | 42.06 1.86 0.00 | 47.91 2.25 0.00 | 50.43 2.48 0.00 | 50.67 2.35 0.00 | 55.20 2.55 0.00 | 57.22 2.58 0.00 | 58.87 2.74 0.00 | 56.36 2.75 0.00 | 64.48 3.08 0.00 | 59.37 2.84 0.00 | 59.94 2.95 0.00 | 230.17 12.49 0.00 | 70.86 3.95 0.00 | 65.11 3.62 0.00 | 113.68 5.99 -0.34 | 55.10 2.98 -0.68 | 45.96 2.43 -0.06 | 41.04 2.09 0.00 | 49.49 2.50 0.00 |
| DANSKAMMER___2 23589 | 46.70 2.28 0.00 | 46.62 2.18 0.00 | 42.02 1.89 -0.55 | 40.68 1.79 0.00 | 42.15 1.86 0.00 | 42.06 1.86 0.00 | 47.91 2.25 0.00 | 50.43 2.48 0.00 | 50.67 2.35 0.00 | 55.20 2.55 0.00 | 57.22 2.58 0.00 | 58.87 2.74 0.00 | 56.36 2.75 0.00 | 64.48 3.08 0.00 | 59.37 2.84 0.00 | 59.94 2.95 0.00 | 230.17 12.49 0.00 | 70.86 3.95 0.00 | 65.11 3.62 0.00 | 113.68 5.99 -0.34 | 55.10 2.98 -0.68 | 45.96 2.43 -0.06 | 41.04 2.09 0.00 | 49.49 2.50 0.00 |
| DANSKAMMER___3 23590 | 46.70 2.28 0.00 | 46.62 2.18 0.00 | 42.02 1.89 -0.55 | 40.68 1.79 0.00 | 42.15 1.86 0.00 | 42.06 1.86 0.00 | 47.91 2.25 0.00 | 50.43 2.48 0.00 | 50.67 2.35 0.00 | 55.20 2.55 0.00 | 57.22 2.58 0.00 | 58.87 2.74 0.00 | 56.36 2.75 0.00 | 64.48 3.08 0.00 | 59.37 2.84 0.00 | 59.94 2.95 0.00 | 230.17 12.49 0.00 | 70.86 3.95 0.00 | 65.11 3.62 0.00 | 113.68 5.99 -0.34 | 55.10 2.98 -0.68 | 45.96 2.43 -0.06 | 41.04 2.09 0.00 | 49.49 2.50 0.00 |

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| DANSKAMMER___4 23591 | 46.70 2.28 0.00 | 46.62 2.18 0.00 | 42.02 1.89 -0.55 | 40.68 1.79 0.00 | 42.15 1.86 0.00 | 42.06 1.86 0.00 | 47.91 2.25 0.00 | 50.43 2.48 0.00 | 50.67 2.35 0.00 | 55.20 2.55 0.00 | 57.22 2.58 0.00 | 58.87 2.74 0.00 | 56.36 2.75 0.00 | 64.48 3.08 0.00 | 59.37 2.84 0.00 | 59.94 2.95 0.00 | 230.17 12.49 0.00 | 70.86 3.95 0.00 | 65.11 3.62 0.00 | 113.68 5.99 -0.34 | 55.10 2.98 -0.68 | 45.96 2.43 -0.06 | 41.04 2.09 0.00 | 49.49 2.50 0.00 |
| DANSKAMMER___DIESEL 23592 | 46.70 2.28 0.00 | 46.62 2.18 0.00 | 42.02 1.89 -0.55 | 40.68 1.79 0.00 | 42.15 1.86 0.00 | 42.06 1.86 0.00 | 47.90 2.25 0.00 | 50.43 2.48 0.00 | 50.67 2.35 0.00 | 55.20 2.55 0.00 | 57.23 2.58 0.00 | 58.87 2.74 0.00 | 56.37 2.75 0.00 | 64.47 3.08 0.00 | 59.37 2.84 0.00 | 59.94 2.95 0.00 | 230.10 12.43 0.00 | 70.86 3.96 0.00 | 65.11 3.62 0.00 | 113.68 5.99 -0.34 | 55.10 2.98 -0.68 | 45.96 2.43 -0.06 | 41.04 2.09 0.00 | 49.49 2.51 0.00 |
| DARBY___SOLAR 323810 | 47.27 2.84 0.00 | 47.24 2.80 0.00 | 42.76 2.49 -0.70 | 41.31 2.43 0.00 | 42.67 2.38 0.00 | 42.39 2.19 0.00 | 48.14 2.49 0.00 | 50.58 2.62 0.00 | 50.81 2.49 0.00 | 55.14 2.49 0.00 | 57.05 2.40 0.00 | 58.55 2.42 0.00 | 55.88 2.26 0.00 | 63.96 2.56 0.00 | 59.26 2.72 0.00 | 59.90 2.92 0.00 | 229.36 11.69 0.00 | 70.55 3.63 0.00 | 64.89 3.40 0.00 | 113.59 5.82 -0.43 | 55.13 2.84 -0.86 | 45.85 2.31 -0.08 | 40.96 2.01 0.00 | 49.40 2.42 -0.01 |
| DASHVILLE___HYD 23610 | 46.25 1.82 0.00 | 46.18 1.74 0.00 | 41.64 1.50 -0.57 | 40.33 1.44 0.00 | 41.77 1.48 0.00 | 41.67 1.47 0.00 | 47.44 1.78 0.00 | 49.94 1.99 0.00 | 50.20 1.88 0.00 | 54.67 2.02 0.00 | 56.68 2.03 0.00 | 58.34 2.21 0.00 | 55.85 2.23 0.00 | 63.89 2.50 0.00 | 58.82 2.29 0.00 | 59.37 2.38 0.00 | 227.80 10.12 0.00 | 70.11 3.20 0.00 | 64.45 2.96 0.00 | 112.59 4.89 -0.35 | 54.58 2.44 -0.70 | 45.51 1.99 -0.06 | 40.65 1.70 0.00 | 49.02 2.04 0.00 |
| DELAWARE___LFGE 323621 | 45.25 0.83 0.00 | 45.28 0.84 0.00 | 40.58 0.77 -0.24 | 39.61 0.73 0.00 | 41.06 0.77 0.00 | 40.92 0.73 0.00 | 46.57 0.92 0.00 | 48.97 1.02 0.00 | 49.30 0.97 0.00 | 53.77 1.12 0.00 | 55.80 1.15 0.00 | 57.30 1.17 0.00 | 54.74 1.12 0.00 | 62.74 1.35 0.00 | 57.67 1.14 0.00 | 58.07 1.09 0.00 | 222.00 4.32 0.00 | 68.17 1.26 0.00 | 62.68 1.18 0.00 | 109.64 2.15 -0.15 | 52.77 1.03 -0.30 | 44.35 0.86 -0.03 | 39.68 0.73 0.00 | 47.86 0.87 0.00 |
| DERFIELD_115KV_TB7 355931 | 44.60 0.18 0.00 | 44.62 0.18 0.00 | 39.73 0.16 0.00 | 39.04 0.15 0.00 | 40.45 0.16 0.00 | 40.36 0.16 0.00 | 45.84 0.18 0.00 | 48.15 0.19 0.00 | 48.51 0.19 0.00 | 52.86 0.21 0.00 | 54.87 0.22 0.00 | 56.35 0.22 0.00 | 53.84 0.21 0.00 | 61.64 0.24 0.00 | 56.76 0.23 0.00 | 57.22 0.23 0.00 | 218.55 0.87 0.00 | 67.17 0.25 0.00 | 61.70 0.21 0.00 | 107.77 0.42 0.00 | 51.64 0.20 0.00 | 43.64 0.17 0.00 | 39.11 0.16 0.00 | 47.17 0.19 0.00 |
| DOGLEVILLE___HYD 23807 | 48.34 3.92 0.00 | 48.31 3.87 0.00 | 43.00 3.43 0.00 | 42.29 3.40 0.00 | 43.81 3.52 0.00 | 43.64 3.44 0.00 | 49.54 3.88 0.00 | 52.07 4.11 0.00 | 52.00 3.68 0.00 | 56.51 3.87 0.00 | 58.55 3.90 0.00 | 59.53 3.40 0.00 | 56.56 2.93 0.00 | 65.36 3.96 0.00 | 60.62 4.09 0.00 | 61.32 4.33 0.00 | 234.96 17.28 0.00 | 72.10 5.19 0.00 | 66.34 4.84 0.00 | 115.92 8.57 0.00 | 55.61 4.18 0.00 | 47.16 3.70 0.00 | 42.13 3.18 0.00 | 50.72 3.74 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 43.07 -1.36 0.00 | 43.43 -1.02 0.00 | 38.35 -1.32 -0.10 | 37.79 -1.10 0.00 | 39.36 -0.93 0.00 | 39.34 -0.85 0.00 | 44.57 -1.08 0.00 | 45.94 -2.01 0.00 | 46.92 -1.40 0.00 | 51.55 -1.10 0.00 | 53.98 -0.67 0.00 | 55.00 -1.13 0.00 | 51.78 -1.84 0.00 | 59.40 -1.99 0.00 | 54.34 -2.20 0.00 | 54.71 -2.28 0.00 | 207.38 -10.29 0.00 | 63.55 -3.36 0.00 | 58.58 -2.92 0.00 | 102.74 -4.67 -0.06 | 48.81 -2.75 -0.12 | 41.39 -2.08 -0.01 | 37.21 -1.74 0.00 | 45.42 -1.57 0.00 |
| DUNKIRK___1 23563 | 43.07 -1.36 0.00 | 43.43 -1.02 0.00 | 38.35 -1.32 -0.10 | 37.79 -1.10 0.00 | 39.36 -0.93 0.00 | 39.34 -0.85 0.00 | 44.57 -1.08 0.00 | 45.94 -2.01 0.00 | 46.92 -1.40 0.00 | 51.55 -1.10 0.00 | 53.98 -0.67 0.00 | 55.00 -1.13 0.00 | 51.78 -1.84 0.00 | 59.40 -1.99 0.00 | 54.34 -2.20 0.00 | 54.71 -2.28 0.00 | 207.38 -10.29 0.00 | 63.55 -3.36 0.00 | 58.58 -2.92 0.00 | 102.74 -4.67 -0.06 | 48.81 -2.75 -0.12 | 41.39 -2.08 -0.01 | 37.21 -1.74 0.00 | 45.42 -1.57 0.00 |
| DUNKIRK___2 23564 | 43.07 -1.36 0.00 | 43.43 -1.02 0.00 | 38.35 -1.32 -0.10 | 37.79 -1.10 0.00 | 39.36 -0.93 0.00 | 39.34 -0.85 0.00 | 44.57 -1.08 0.00 | 45.94 -2.01 0.00 | 46.92 -1.40 0.00 | 51.55 -1.10 0.00 | 53.98 -0.67 0.00 | 55.00 -1.13 0.00 | 51.78 -1.84 0.00 | 59.40 -1.99 0.00 | 54.34 -2.20 0.00 | 54.71 -2.28 0.00 | 207.38 -10.29 0.00 | 63.55 -3.36 0.00 | 58.58 -2.92 0.00 | 102.74 -4.67 -0.06 | 48.81 -2.75 -0.12 | 41.39 -2.08 -0.01 | 37.21 -1.74 0.00 | 45.42 -1.57 0.00 |
| DUNKIRK___3 23565 | 43.25 -1.18 0.00 | 43.58 -0.86 0.00 | 38.49 -1.18 -0.10 | 37.95 -0.93 0.00 | 39.50 -0.79 0.00 | 39.41 -0.79 0.00 | 44.59 -1.07 0.00 | 46.00 -1.96 0.00 | 46.93 -1.39 0.00 | 51.57 -1.08 0.00 | 54.04 -0.61 0.00 | 55.03 -1.10 0.00 | 51.83 -1.79 0.00 | 59.54 -1.86 0.00 | 54.41 -2.12 0.00 | 54.75 -2.24 0.00 | 207.54 -10.14 0.00 | 63.65 -3.26 0.00 | 58.62 -2.88 0.00 | 102.65 -4.75 -0.06 | 48.79 -2.76 -0.12 | 41.35 -2.12 -0.01 | 37.22 -1.73 0.00 | 45.39 -1.59 0.00 |
| DUNKIRK___4 23566 | 43.25 -1.18 0.00 | 43.58 -0.86 0.00 | 38.49 -1.18 -0.10 | 37.95 -0.93 0.00 | 39.50 -0.79 0.00 | 39.41 -0.79 0.00 | 44.59 -1.07 0.00 | 46.00 -1.96 0.00 | 46.93 -1.39 0.00 | 51.57 -1.08 0.00 | 54.04 -0.61 0.00 | 55.03 -1.10 0.00 | 51.83 -1.79 0.00 | 59.54 -1.86 0.00 | 54.41 -2.12 0.00 | 54.75 -2.24 0.00 | 207.54 -10.14 0.00 | 63.65 -3.26 0.00 | 58.62 -2.88 0.00 | 102.65 -4.75 -0.06 | 48.79 -2.76 -0.12 | 41.35 -2.12 -0.01 | 37.22 -1.73 0.00 | 45.39 -1.59 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 46.59 2.16 0.00 | 46.46 2.02 0.00 | 41.85 1.72 -0.55 | 40.49 1.61 0.00 | 41.95 1.66 0.00 | 41.86 1.66 0.00 | 47.65 1.99 0.00 | 50.15 2.20 0.00 | 50.42 2.10 0.00 | 54.98 2.33 0.00 | 57.04 2.39 0.00 | 58.70 2.58 0.00 | 56.25 2.63 0.00 | 64.30 2.90 0.00 | 59.16 2.62 0.00 | 59.66 2.68 0.00 | 229.14 11.46 0.00 | 70.54 3.63 0.00 | 64.82 3.32 0.00 | 113.07 5.38 -0.34 | 54.88 2.76 -0.68 | 45.83 2.31 -0.06 | 40.95 2.00 0.00 | 49.43 2.44 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 46.40 1.97 0.00 | 46.34 1.89 0.00 | 41.73 1.62 -0.54 | 40.42 1.54 0.00 | 41.87 1.59 0.00 | 41.77 1.58 0.00 | 47.57 1.91 0.00 | 50.07 2.12 0.00 | 50.30 1.98 0.00 | 54.81 2.16 0.00 | 56.83 2.18 0.00 | 58.45 2.32 0.00 | 55.97 2.35 0.00 | 64.04 2.64 0.00 | 58.94 2.40 0.00 | 59.50 2.52 0.00 | 228.57 10.89 0.00 | 70.37 3.46 0.00 | 64.65 3.15 0.00 | 112.82 5.14 -0.33 | 54.68 2.58 -0.66 | 45.63 2.11 -0.06 | 40.77 1.82 0.00 | 49.20 2.21 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 46.67 2.24 0.00 | 46.53 2.09 0.00 | 41.90 1.78 -0.55 | 40.53 1.64 0.00 | 41.98 1.69 0.00 | 41.95 1.75 0.00 | 47.74 2.09 0.00 | 50.29 2.33 0.00 | 50.54 2.22 0.00 | 59.66 2.63 -4.38 | 67.67 2.70 -10.32 | 147.90 3.07 -88.70 | 116.65 2.98 -60.05 | 65.82 3.15 -1.27 | 60.98 2.79 -1.66 | 61.03 2.79 -1.26 | 229.75 12.07 0.00 | 70.70 3.79 0.00 | 64.95 3.46 0.00 | 113.55 5.87 -0.34 | 56.17 3.00 -1.73 | 46.26 2.47 -0.33 | 41.04 2.08 0.00 | 49.49 2.50 0.00 |

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| E179THST_13_KV_LOAD 356214 | 46.85 2.42 0.00 | 46.71 2.27 0.00 | 42.06 1.93 -0.55 | 40.66 1.78 0.00 | 42.13 1.85 0.00 | 42.10 1.91 0.00 | 47.95 2.29 0.00 | 50.51 2.56 0.00 | 50.77 2.45 0.00 | 59.92 2.88 -4.38 | 67.93 2.97 -10.32 | 148.17 3.34 -88.70 | 116.91 3.24 -60.05 | 66.12 3.45 -1.27 | 61.26 3.07 -1.66 | 61.32 3.08 -1.26 | 230.83 13.16 0.00 | 71.05 4.14 0.00 | 65.27 3.77 0.00 | 114.10 6.41 -0.34 | 56.42 3.25 -1.73 | 46.47 2.68 -0.33 | 41.21 2.26 0.00 | 49.69 2.71 0.00 |
| EAST HAMPTON___GT 23717 | 49.43 5.00 0.00 | 49.08 4.64 0.00 | 44.07 3.94 -0.55 | 42.50 3.61 0.00 | 44.17 3.88 0.00 | 43.77 3.57 0.00 | 49.13 3.48 0.00 | 50.70 2.74 0.00 | 50.35 2.03 0.00 | 53.94 1.29 0.00 | 58.72 1.62 -2.46 | 57.74 1.62 0.00 | 55.61 1.99 0.00 | 64.30 2.91 0.00 | 59.32 2.78 0.00 | 58.50 1.51 0.00 | 232.01 10.77 -3.56 | 71.48 4.34 -0.22 | 66.70 4.59 -0.62 | 115.41 6.51 -1.56 | 54.18 2.06 -0.68 | 45.21 1.69 -0.06 | 40.05 1.10 0.00 | 48.50 1.52 0.00 |
| EAST RIVER___6 23660 | 46.75 2.32 0.00 | 46.55 2.10 0.00 | 41.93 1.80 -0.55 | 40.60 1.72 0.00 | 42.08 1.79 0.00 | 42.00 1.81 0.00 | 47.85 2.19 0.00 | 50.41 2.45 0.00 | 50.74 2.42 0.00 | 57.93 2.75 -2.52 | 63.44 2.85 -5.94 | 110.20 3.03 -51.05 | 91.24 3.06 -34.56 | 65.54 3.42 -0.73 | 60.60 3.11 -0.95 | 60.87 3.16 -0.72 | 230.88 13.20 0.00 | 71.02 4.11 0.00 | 65.31 3.81 0.00 | 113.86 6.17 -0.34 | 55.84 3.12 -1.29 | 46.24 2.56 -0.21 | 41.16 2.21 0.00 | 49.67 2.69 0.00 |
| EAST RIVER___7 23524 | 46.75 2.32 0.00 | 46.55 2.10 0.00 | 41.93 1.80 -0.55 | 40.60 1.72 0.00 | 42.08 1.79 0.00 | 42.00 1.81 0.00 | 47.85 2.19 0.00 | 50.41 2.45 0.00 | 50.74 2.42 0.00 | 57.93 2.75 -2.52 | 63.44 2.85 -5.94 | 110.20 3.03 -51.05 | 91.24 3.06 -34.56 | 65.54 3.42 -0.73 | 60.60 3.11 -0.95 | 60.87 3.16 -0.72 | 230.88 13.20 0.00 | 71.02 4.11 0.00 | 65.31 3.81 0.00 | 113.86 6.17 -0.34 | 55.84 3.12 -1.29 | 46.24 2.56 -0.21 | 41.16 2.21 0.00 | 49.67 2.69 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 46.48 2.06 0.00 | 46.37 1.93 0.00 | 41.78 1.66 -0.55 | 40.43 1.54 0.00 | 41.87 1.59 0.00 | 41.79 1.59 0.00 | 47.57 1.91 0.00 | 50.07 2.11 0.00 | 50.31 1.99 0.00 | 54.86 2.21 0.00 | 56.89 2.24 0.00 | 58.56 2.43 0.00 | 56.11 2.49 0.00 | 64.14 2.75 0.00 | 59.02 2.49 0.00 | 59.54 2.56 0.00 | 228.70 11.03 0.00 | 70.42 3.50 0.00 | 64.69 3.19 0.00 | 112.86 5.17 -0.34 | 54.77 2.65 -0.68 | 45.70 2.18 -0.06 | 40.85 1.90 0.00 | 49.31 2.32 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 49.45 5.02 0.00 | 49.09 4.65 0.00 | 44.08 3.95 -0.55 | 42.50 3.61 0.00 | 44.16 3.87 0.00 | 43.75 3.55 0.00 | 49.09 3.43 0.00 | 50.63 2.68 0.00 | 50.26 1.94 0.00 | 53.83 1.18 0.00 | 58.56 1.46 -2.46 | 57.60 1.47 0.00 | 55.49 1.87 0.00 | 64.18 2.78 0.00 | 59.22 2.68 0.00 | 58.34 1.36 0.00 | 231.57 10.33 -3.56 | 71.36 4.23 -0.22 | 66.59 4.48 -0.62 | 115.27 6.37 -1.56 | 54.07 1.95 -0.68 | 45.08 1.56 -0.06 | 39.92 0.96 0.00 | 48.33 1.34 0.00 |
| EAST_POINT___SOLAR 323840 | 45.42 0.99 0.00 | 45.44 1.00 0.00 | 41.21 0.87 -0.77 | 39.75 0.87 0.00 | 41.29 1.00 0.00 | 41.30 1.10 0.00 | 47.11 1.45 0.00 | 49.63 1.68 0.00 | 49.60 1.28 0.00 | 54.15 1.51 0.00 | 56.31 1.67 0.00 | 57.42 1.29 0.00 | 54.49 0.87 0.00 | 62.87 1.48 0.00 | 58.22 1.68 0.00 | 58.58 1.60 0.00 | 224.03 6.35 0.00 | 69.11 2.20 0.00 | 63.48 1.99 0.00 | 111.17 3.35 -0.48 | 54.00 1.61 -0.96 | 44.77 1.23 -0.09 | 39.95 1.00 0.00 | 48.05 1.06 -0.01 |
| EAST_PULASKI___ESR 323781 | 43.32 -1.10 0.00 | 43.34 -1.11 0.00 | 38.49 -1.13 -0.04 | 37.84 -1.04 0.00 | 39.30 -0.99 0.00 | 39.33 -0.86 0.00 | 44.62 -1.03 0.00 | 47.09 -0.86 0.00 | 47.60 -0.73 0.00 | 51.67 -0.98 0.00 | 53.87 -0.78 0.00 | 55.23 -0.90 0.00 | 52.69 -0.93 0.00 | 60.31 -1.08 0.00 | 55.63 -0.91 0.00 | 56.04 -0.94 0.00 | 213.31 -4.37 0.00 | 65.72 -1.19 0.00 | 60.23 -1.26 0.00 | 105.01 -2.37 -0.03 | 50.34 -1.15 -0.05 | 42.55 -0.91 0.00 | 38.14 -0.81 0.00 | 45.90 -1.08 0.00 |
| EAST_RIVER___1 323558 | 46.69 2.26 0.00 | 46.53 2.08 0.00 | 41.91 1.79 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.94 1.74 0.00 | 47.81 2.15 0.00 | 50.37 2.42 0.00 | 50.69 2.37 0.00 | 57.86 2.69 -2.52 | 63.35 2.77 -5.94 | 110.14 2.97 -51.05 | 91.16 2.99 -34.56 | 65.45 3.32 -0.73 | 60.51 3.02 -0.95 | 60.77 3.06 -0.72 | 230.61 12.93 0.00 | 70.94 4.03 0.00 | 65.22 3.72 0.00 | 113.72 6.03 -0.34 | 55.79 3.06 -1.29 | 46.21 2.54 -0.21 | 41.13 2.18 0.00 | 49.63 2.64 0.00 |
| EAST_RIVER___2 323559 | 46.75 2.32 0.00 | 46.55 2.10 0.00 | 41.93 1.80 -0.55 | 40.60 1.72 0.00 | 42.08 1.79 0.00 | 42.00 1.81 0.00 | 47.85 2.19 0.00 | 50.41 2.45 0.00 | 50.74 2.42 0.00 | 57.93 2.75 -2.52 | 63.44 2.85 -5.94 | 110.20 3.03 -51.05 | 91.24 3.06 -34.56 | 65.54 3.42 -0.73 | 60.60 3.11 -0.95 | 60.87 3.16 -0.72 | 230.88 13.20 0.00 | 71.02 4.11 0.00 | 65.31 3.81 0.00 | 113.86 6.17 -0.34 | 55.84 3.12 -1.29 | 46.24 2.56 -0.21 | 41.16 2.21 0.00 | 49.67 2.69 0.00 |
| EAST___DELAWARE_HYD 23607 | 45.81 1.39 0.00 | 45.75 1.30 0.00 | 41.19 1.11 -0.51 | 39.94 1.05 0.00 | 41.38 1.09 0.00 | 41.32 1.13 0.00 | 47.12 1.47 0.00 | 49.62 1.66 0.00 | 49.84 1.52 0.00 | 54.29 1.64 0.00 | 56.29 1.65 0.00 | 57.84 1.71 0.00 | 55.33 1.71 0.00 | 63.36 1.97 0.00 | 58.30 1.76 0.00 | 58.88 1.90 0.00 | 226.37 8.69 0.00 | 69.71 2.80 0.00 | 64.05 2.56 0.00 | 111.82 4.17 -0.31 | 54.11 2.05 -0.62 | 45.17 1.65 -0.06 | 40.31 1.35 0.00 | 48.57 1.59 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 41.78 -2.65 0.00 | 42.05 -2.39 0.00 | 37.29 -2.40 -0.12 | 36.77 -2.12 0.00 | 38.71 -1.58 0.00 | 38.98 -1.21 0.00 | 44.04 -1.62 0.00 | 45.60 -2.35 0.00 | 46.89 -1.43 0.00 | 51.53 -1.12 0.00 | 53.65 -0.99 0.00 | 54.62 -1.51 0.00 | 52.05 -1.57 0.00 | 59.92 -1.47 0.00 | 53.86 -2.67 0.00 | 53.99 -3.00 0.00 | 205.25 -12.42 0.00 | 62.76 -4.15 0.00 | 57.35 -4.15 0.00 | 100.60 -6.82 -0.08 | 47.99 -3.60 -0.15 | 40.58 -2.89 -0.01 | 36.46 -2.49 0.00 | 44.35 -2.64 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 43.59 -0.83 0.00 | 43.65 -0.80 0.00 | 38.86 -0.77 -0.06 | 38.17 -0.72 0.00 | 39.61 -0.68 0.00 | 39.51 -0.68 0.00 | 44.96 -0.69 0.00 | 47.21 -0.75 0.00 | 47.64 -0.68 0.00 | 51.91 -0.74 0.00 | 53.94 -0.71 0.00 | 55.25 -0.88 0.00 | 52.68 -0.94 0.00 | 60.47 -0.93 0.00 | 55.65 -0.88 0.00 | 56.04 -0.95 0.00 | 213.98 -3.70 0.00 | 65.67 -1.24 0.00 | 60.39 -1.10 0.00 | 105.50 -1.89 -0.04 | 50.39 -1.13 -0.08 | 42.60 -0.86 -0.01 | 38.13 -0.82 0.00 | 46.03 -0.96 0.00 |
| ELEC_TRO_TEK 24086 | 47.06 2.63 0.00 | 46.82 2.38 0.00 | 42.17 2.05 -0.55 | 40.76 1.87 0.00 | 42.39 2.10 0.00 | 42.31 2.12 0.00 | 47.84 2.19 0.00 | 50.10 2.14 0.00 | 50.33 2.01 0.00 | 54.63 1.98 0.00 | 57.25 2.61 0.00 | 58.86 2.73 0.00 | 56.54 2.92 0.00 | 64.44 3.04 0.00 | 59.25 2.72 0.00 | 59.60 2.61 0.00 | 228.03 10.36 0.00 | 70.57 3.66 0.00 | 65.09 3.60 0.00 | 113.15 5.46 -0.34 | 54.92 2.80 -0.68 | 45.97 2.45 -0.06 | 41.21 2.26 0.00 | 49.72 2.74 0.00 |
| ELLENBURG_WT_PWR 323604 | 43.15 -1.27 0.00 | 43.15 -1.30 0.00 | 38.53 -1.04 0.00 | 37.68 -1.21 0.00 | 39.08 -1.21 0.00 | 40.19 0.00 0.00 | 46.27 0.62 0.00 | 48.55 0.60 0.00 | 49.29 0.97 0.00 | 53.95 1.31 0.00 | 56.53 1.89 0.00 | 59.06 2.93 0.00 | 56.02 2.40 0.00 | 63.90 2.50 0.00 | 58.68 2.14 0.00 | 58.83 1.85 0.00 | 219.80 2.13 0.00 | 68.29 1.37 0.00 | 62.92 1.42 0.00 | 109.85 2.50 0.00 | 52.45 1.01 0.00 | 44.08 0.62 0.00 | 39.79 0.84 0.00 | 47.72 0.74 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 43.71 -0.71 0.00 | 44.00 -0.45 0.00 | 38.92 -0.75 -0.09 | 38.37 -0.52 0.00 | 39.90 -0.39 0.00 | 39.67 -0.53 0.00 | 44.63 -1.02 0.00 | 46.18 -1.78 0.00 | 47.04 -1.28 0.00 | 51.79 -0.86 0.00 | 54.37 -0.28 0.00 | 55.25 -0.88 0.00 | 52.03 -1.59 0.00 | 59.83 -1.56 0.00 | 54.65 -1.89 0.00 | 54.88 -2.11 0.00 | 207.68 -10.00 0.00 | 63.88 -3.03 0.00 | 58.71 -2.78 0.00 | 102.68 -4.72 -0.06 | 48.77 -2.78 -0.11 | 41.31 -2.16 -0.01 | 37.32 -1.63 0.00 | 45.35 -1.63 0.00 |
| EMPIRE_CC_1 323656 | 45.88 1.46 0.00 | 45.85 1.40 0.00 | 41.53 1.31 -0.65 | 40.15 1.27 0.00 | 41.54 1.26 0.00 | 41.34 1.15 0.00 | 46.67 1.01 0.00 | 49.08 1.13 0.00 | 49.27 0.95 0.00 | 53.57 0.92 0.00 | 55.41 0.76 0.00 | 56.97 0.84 0.00 | 54.62 0.99 0.00 | 62.44 1.05 0.00 | 57.65 1.11 0.00 | 58.20 1.22 0.00 | 222.33 4.66 0.00 | 68.41 1.50 0.00 | 62.92 1.43 0.00 | 110.14 2.39 -0.40 | 53.57 1.32 -0.81 | 44.65 1.12 -0.07 | 39.99 1.04 0.00 | 48.35 1.36 0.00 |
| EMPIRE_CC_2 323658 | 45.88 1.46 0.00 | 45.85 1.40 0.00 | 41.53 1.31 -0.65 | 40.15 1.27 0.00 | 41.54 1.26 0.00 | 41.34 1.15 0.00 | 46.67 1.01 0.00 | 49.08 1.13 0.00 | 49.27 0.95 0.00 | 53.57 0.92 0.00 | 55.41 0.76 0.00 | 56.97 0.84 0.00 | 54.62 0.99 0.00 | 62.44 1.05 0.00 | 57.65 1.11 0.00 | 58.20 1.22 0.00 | 222.33 4.66 0.00 | 68.41 1.50 0.00 | 62.92 1.43 0.00 | 110.14 2.39 -0.40 | 53.57 1.32 -0.81 | 44.65 1.12 -0.07 | 39.99 1.04 0.00 | 48.35 1.36 0.00 |
| ENORWICH_115KV_TB1 80156 | 45.73 1.30 0.00 | 45.66 1.21 0.00 | 40.70 0.95 -0.18 | 39.72 0.84 0.00 | 41.42 1.13 0.00 | 41.41 1.22 0.00 | 47.59 1.94 0.00 | 50.36 2.40 0.00 | 50.53 2.20 0.00 | 54.51 1.86 0.00 | 56.14 1.49 0.00 | 57.43 1.30 0.00 | 54.57 0.95 0.00 | 63.27 1.88 0.00 | 58.36 1.83 0.00 | 58.52 1.53 0.00 | 223.42 5.74 0.00 | 68.56 1.65 0.00 | 63.07 1.57 0.00 | 109.93 2.48 -0.11 | 52.74 1.09 -0.22 | 44.53 1.05 -0.02 | 39.78 0.83 0.00 | 47.81 0.83 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 44.15 -0.27 0.00 | 44.41 -0.03 0.00 | 39.26 -0.41 -0.09 | 38.72 -0.16 0.00 | 40.25 -0.04 0.00 | 40.03 -0.17 0.00 | 45.15 -0.50 0.00 | 46.80 -1.15 0.00 | 47.68 -0.64 0.00 | 52.45 -0.20 0.00 | 55.06 0.42 0.00 | 56.01 -0.12 0.00 | 52.74 -0.88 0.00 | 60.75 -0.64 0.00 | 55.49 -1.04 0.00 | 55.71 -1.28 0.00 | 211.08 -6.60 0.00 | 64.96 -1.95 0.00 | 59.65 -1.84 0.00 | 104.33 -3.07 -0.06 | 49.56 -1.99 -0.12 | 41.93 -1.54 -0.01 | 37.81 -1.14 0.00 | 45.91 -1.08 0.00 |
| ERIE_WT_PWR 323693 | 43.91 -0.51 0.00 | 44.21 -0.23 0.00 | 39.09 -0.57 -0.09 | 38.56 -0.33 0.00 | 40.06 -0.23 0.00 | 39.90 -0.30 0.00 | 44.94 -0.72 0.00 | 46.49 -1.47 0.00 | 47.36 -0.96 0.00 | 52.15 -0.50 0.00 | 54.73 0.09 0.00 | 55.62 -0.51 0.00 | 52.35 -1.27 0.00 | 60.21 -1.18 0.00 | 55.02 -1.51 0.00 | 55.26 -1.72 0.00 | 208.65 -9.03 0.00 | 64.38 -2.53 0.00 | 59.14 -2.36 0.00 | 103.32 -4.08 -0.06 | 49.10 -2.46 -0.12 | 41.58 -1.89 -0.01 | 37.52 -1.43 0.00 | 45.59 -1.39 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 44.04 -0.39 0.00 | 44.09 -0.35 0.00 | 39.25 -0.34 -0.02 | 38.55 -0.33 0.00 | 40.06 -0.23 0.00 | 40.06 -0.14 0.00 | 45.69 0.03 0.00 | 48.12 0.17 0.00 | 48.39 0.06 0.00 | 53.04 0.39 0.00 | 55.26 0.61 0.00 | 56.75 0.62 0.00 | 54.11 0.49 0.00 | 61.97 0.58 0.00 | 56.80 0.26 0.00 | 57.04 0.06 0.00 | 217.47 -0.21 0.00 | 66.85 -0.06 0.00 | 61.41 -0.09 0.00 | 107.17 -0.19 -0.01 | 51.36 -0.10 -0.02 | 43.31 -0.15 0.00 | 38.77 -0.18 0.00 | 46.73 -0.25 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 44.60 0.17 0.00 | 44.65 0.21 0.00 | 39.78 0.08 -0.13 | 39.00 0.11 0.00 | 40.52 0.23 0.00 | 40.46 0.27 0.00 | 46.16 0.50 0.00 | 48.46 0.50 0.00 | 48.88 0.56 0.00 | 53.19 0.54 0.00 | 55.22 0.57 0.00 | 56.43 0.30 0.00 | 53.84 0.21 0.00 | 61.97 0.57 0.00 | 56.99 0.45 0.00 | 57.41 0.42 0.00 | 219.36 1.69 0.00 | 67.30 0.39 0.00 | 61.90 0.41 0.00 | 108.06 0.63 -0.08 | 51.69 0.09 -0.16 | 43.58 0.11 -0.02 | 38.97 0.02 0.00 | 47.03 0.05 0.00 |
| ETNA____115KV_TB2 80207 | 44.60 0.17 0.00 | 44.65 0.21 0.00 | 39.78 0.08 -0.13 | 39.00 0.11 0.00 | 40.52 0.23 0.00 | 40.46 0.27 0.00 | 46.16 0.50 0.00 | 48.46 0.50 0.00 | 48.88 0.56 0.00 | 53.19 0.54 0.00 | 55.22 0.57 0.00 | 56.43 0.30 0.00 | 53.84 0.21 0.00 | 61.97 0.57 0.00 | 56.99 0.45 0.00 | 57.41 0.42 0.00 | 219.36 1.69 0.00 | 67.30 0.39 0.00 | 61.90 0.41 0.00 | 108.06 0.63 -0.08 | 51.69 0.09 -0.16 | 43.58 0.11 -0.02 | 38.97 0.02 0.00 | 47.03 0.05 0.00 |
| EUCLID__115KV_TB2 356179 | 43.41 -1.01 0.00 | 43.45 -0.99 0.00 | 38.69 -0.93 -0.05 | 38.01 -0.88 0.00 | 39.41 -0.88 0.00 | 39.33 -0.86 0.00 | 44.70 -0.96 0.00 | 46.91 -1.04 0.00 | 47.33 -0.99 0.00 | 51.61 -1.04 0.00 | 53.64 -1.01 0.00 | 54.96 -1.18 0.00 | 52.42 -1.20 0.00 | 60.11 -1.28 0.00 | 55.32 -1.22 0.00 | 55.74 -1.25 0.00 | 212.77 -4.90 0.00 | 65.39 -1.52 0.00 | 60.09 -1.41 0.00 | 104.88 -2.50 -0.03 | 50.19 -1.31 -0.06 | 42.39 -1.08 0.00 | 38.01 -0.95 0.00 | 45.84 -1.14 0.00 |
| E_CANADA_CAP_HY 24051 | 43.92 -0.51 0.00 | 43.96 -0.49 0.00 | 39.93 -0.44 -0.81 | 38.46 -0.43 0.00 | 39.95 -0.34 0.00 | 39.97 -0.23 0.00 | 45.45 -0.21 0.00 | 47.88 -0.07 0.00 | 48.03 -0.29 0.00 | 52.55 -0.10 0.00 | 54.86 0.21 0.00 | 56.27 0.14 0.00 | 53.55 -0.07 0.00 | 61.33 -0.07 0.00 | 56.49 -0.05 0.00 | 56.81 -0.18 0.00 | 216.23 -1.45 0.00 | 66.57 -0.34 0.00 | 61.11 -0.38 0.00 | 107.11 -0.74 -0.50 | 52.14 -0.29 -1.00 | 43.27 -0.28 -0.09 | 38.68 -0.27 0.00 | 46.59 -0.40 -0.01 |
| E_CANADA_MHWK_HY 24050 | 48.34 3.92 0.00 | 48.31 3.87 0.00 | 43.00 3.43 0.00 | 42.29 3.40 0.00 | 43.81 3.52 0.00 | 43.64 3.44 0.00 | 49.54 3.88 0.00 | 52.07 4.11 0.00 | 52.00 3.68 0.00 | 56.51 3.86 0.00 | 58.55 3.90 0.00 | 59.53 3.40 0.00 | 56.55 2.93 0.00 | 65.36 3.96 0.00 | 60.62 4.09 0.00 | 61.32 4.33 0.00 | 234.89 17.21 0.00 | 72.10 5.19 0.00 | 66.34 4.84 0.00 | 115.92 8.57 0.00 | 55.61 4.17 0.00 | 47.15 3.69 0.00 | 42.13 3.18 0.00 | 50.72 3.74 0.00 |
| E_FISHKILL__LBMP 23776 | 46.22 1.79 0.00 | 46.14 1.70 0.00 | 41.61 1.47 -0.57 | 40.28 1.39 0.00 | 41.71 1.42 0.00 | 41.59 1.39 0.00 | 47.31 1.66 0.00 | 49.79 1.84 0.00 | 50.04 1.72 0.00 | 54.52 1.87 0.00 | 56.51 1.86 0.00 | 58.15 2.02 0.00 | 55.70 2.09 0.00 | 63.69 2.30 0.00 | 58.65 2.12 0.00 | 59.19 2.21 0.00 | 227.13 9.45 0.00 | 69.91 2.99 0.00 | 64.26 2.76 0.00 | 112.20 4.51 -0.35 | 54.45 2.31 -0.70 | 45.44 1.91 -0.06 | 40.60 1.65 0.00 | 49.00 2.01 0.00 |
| FALCON__SEABRD_CC1 323796 | 43.70 -0.73 0.00 | 43.70 -0.74 0.00 | 39.01 -0.57 0.00 | 38.16 -0.73 0.00 | 39.56 -0.72 0.00 | 40.70 0.50 0.00 | 46.92 1.26 0.00 | 49.26 1.30 0.00 | 50.00 1.68 0.00 | 54.68 2.03 0.00 | 57.32 2.67 0.00 | 59.84 3.71 0.00 | 56.72 3.10 0.00 | 64.69 3.30 0.00 | 59.49 2.95 0.00 | 59.72 2.74 0.00 | 223.29 5.62 0.00 | 69.25 2.33 0.00 | 63.88 2.38 0.00 | 111.47 4.12 0.00 | 53.19 1.75 0.00 | 44.69 1.23 0.00 | 40.36 1.41 0.00 | 48.40 1.42 0.00 |
| FALCON__SEABRD_CC2 323797 | 43.70 -0.73 0.00 | 43.70 -0.74 0.00 | 39.01 -0.57 0.00 | 38.16 -0.73 0.00 | 39.56 -0.72 0.00 | 40.70 0.50 0.00 | 46.92 1.26 0.00 | 49.26 1.30 0.00 | 50.00 1.68 0.00 | 54.68 2.03 0.00 | 57.32 2.67 0.00 | 59.84 3.71 0.00 | 56.72 3.10 0.00 | 64.69 3.30 0.00 | 59.49 2.95 0.00 | 59.72 2.74 0.00 | 223.29 5.62 0.00 | 69.25 2.33 0.00 | 63.88 2.38 0.00 | 111.47 4.12 0.00 | 53.19 1.75 0.00 | 44.69 1.23 0.00 | 40.36 1.41 0.00 | 48.40 1.42 0.00 |

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| FAR ROCKAWAY___4 23548 | 47.67 3.24 0.00 | 47.40 2.96 0.00 | 42.68 2.56 -0.55 | 41.26 2.37 0.00 | 42.92 2.63 0.00 | 42.85 2.66 0.00 | 48.48 2.82 0.00 | 50.72 2.76 0.00 | 50.92 2.60 0.00 | 55.26 2.61 0.00 | 58.05 3.41 0.00 | 59.66 3.53 0.00 | 57.31 3.69 0.00 | 65.29 3.89 0.00 | 60.06 3.52 0.00 | 60.41 3.42 0.00 | 231.15 13.48 0.00 | 71.61 4.70 0.00 | 66.11 4.61 0.00 | 114.84 7.15 -0.34 | 55.76 3.63 -0.68 | 46.62 3.10 -0.06 | 41.78 2.83 0.00 | 50.39 3.41 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 46.73 2.31 0.00 | 46.58 2.14 0.00 | 41.95 1.82 -0.55 | 40.59 1.70 0.00 | 42.03 1.74 0.00 | 41.97 1.78 0.00 | 47.84 2.19 0.00 | 50.40 2.45 0.00 | 50.72 2.40 0.00 | 59.81 2.72 -4.44 | 67.90 2.80 -10.46 | 149.06 3.01 -89.92 | 117.52 3.02 -60.87 | 66.03 3.35 -1.29 | 61.25 3.04 -1.68 | 61.36 3.10 -1.27 | 230.65 12.98 0.00 | 70.97 4.05 0.00 | 65.22 3.72 0.00 | 113.74 6.05 -0.34 | 56.28 3.11 -1.74 | 46.35 2.56 -0.33 | 41.15 2.20 0.00 | 49.65 2.67 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 46.78 2.36 0.00 | 46.61 2.16 0.00 | 41.97 1.84 -0.55 | 40.62 1.73 0.00 | 42.06 1.78 0.00 | 42.01 1.81 0.00 | 47.87 2.22 0.00 | 50.44 2.49 0.00 | 50.75 2.43 0.00 | 59.84 2.75 -4.44 | 67.93 2.83 -10.46 | 149.08 3.02 -89.92 | 117.52 3.02 -60.87 | 66.07 3.39 -1.29 | 61.27 3.06 -1.68 | 61.38 3.12 -1.27 | 230.76 13.08 0.00 | 71.02 4.10 0.00 | 65.25 3.75 0.00 | 113.82 6.13 -0.34 | 56.32 3.14 -1.74 | 46.38 2.59 -0.33 | 41.17 2.22 0.00 | 49.68 2.69 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 46.72 2.30 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.58 1.69 0.00 | 42.03 1.74 0.00 | 41.96 1.77 0.00 | 47.82 2.17 0.00 | 50.38 2.43 0.00 | 50.71 2.38 0.00 | 59.79 2.69 -4.44 | 67.88 2.77 -10.46 | 149.02 2.97 -89.92 | 117.48 2.98 -60.87 | 66.00 3.32 -1.29 | 61.23 3.01 -1.68 | 61.32 3.06 -1.27 | 230.54 12.86 0.00 | 70.94 4.03 0.00 | 65.19 3.69 0.00 | 113.66 5.97 -0.34 | 56.24 3.06 -1.74 | 46.33 2.54 -0.33 | 41.13 2.18 0.00 | 49.63 2.64 0.00 |
| FARRAGUT___LBMP 323566 | 46.69 2.26 0.00 | 46.53 2.08 0.00 | 41.91 1.79 -0.55 | 40.55 1.66 0.00 | 41.99 1.71 0.00 | 41.93 1.74 0.00 | 47.79 2.13 0.00 | 50.35 2.39 0.00 | 50.66 2.33 0.00 | 59.74 2.64 -4.44 | 67.83 2.72 -10.46 | 148.97 2.91 -89.92 | 117.42 2.93 -60.87 | 65.94 3.26 -1.29 | 61.17 2.96 -1.68 | 61.26 3.01 -1.27 | 230.32 12.64 0.00 | 70.88 3.97 0.00 | 65.12 3.63 0.00 | 113.60 5.92 -0.34 | 56.22 3.04 -1.74 | 46.29 2.50 -0.33 | 41.10 2.15 0.00 | 49.61 2.62 0.00 |
| FENNER___WINDPWR 24204 | 44.82 0.39 0.00 | 44.88 0.43 0.00 | 39.95 0.31 -0.07 | 39.22 0.33 0.00 | 40.72 0.43 0.00 | 40.76 0.56 0.00 | 46.43 0.77 0.00 | 48.79 0.83 0.00 | 49.24 0.92 0.00 | 53.58 0.93 0.00 | 55.70 1.05 0.00 | 57.13 1.00 0.00 | 54.41 0.79 0.00 | 62.46 1.06 0.00 | 57.53 1.00 0.00 | 57.90 0.91 0.00 | 221.13 3.46 0.00 | 67.80 0.88 0.00 | 62.27 0.78 0.00 | 108.68 1.29 -0.04 | 52.00 0.48 -0.09 | 43.87 0.40 -0.01 | 39.27 0.32 0.00 | 47.34 0.35 0.00 |
| FIBERTEK___ENERGY 23856 | 43.79 -0.64 0.00 | 43.83 -0.62 0.00 | 39.03 -0.60 -0.06 | 38.33 -0.55 0.00 | 39.76 -0.53 0.00 | 39.70 -0.49 0.00 | 45.17 -0.49 0.00 | 47.44 -0.51 0.00 | 47.86 -0.46 0.00 | 52.14 -0.51 0.00 | 54.20 -0.45 0.00 | 55.49 -0.64 0.00 | 52.96 -0.66 0.00 | 60.75 -0.64 0.00 | 55.93 -0.60 0.00 | 56.32 -0.66 0.00 | 215.07 -2.60 0.00 | 66.07 -0.84 0.00 | 60.73 -0.77 0.00 | 106.04 -1.34 -0.04 | 50.69 -0.82 -0.07 | 42.81 -0.65 -0.01 | 38.34 -0.61 0.00 | 46.25 -0.74 0.00 |
| FITZPATRICK___ 23598 | 42.79 -1.64 0.00 | 42.82 -1.62 0.00 | 38.15 -1.46 -0.04 | 37.48 -1.41 0.00 | 38.84 -1.45 0.00 | 38.77 -1.42 0.00 | 44.03 -1.63 0.00 | 46.22 -1.73 0.00 | 46.62 -1.70 0.00 | 50.82 -1.83 0.00 | 52.81 -1.84 0.00 | 54.16 -1.97 0.00 | 51.67 -1.95 0.00 | 59.20 -2.19 0.00 | 54.51 -2.03 0.00 | 54.91 -2.08 0.00 | 209.54 -8.13 0.00 | 64.43 -2.49 0.00 | 59.18 -2.31 0.00 | 103.34 -4.03 -0.02 | 49.47 -2.01 -0.05 | 41.80 -1.67 0.00 | 37.47 -1.48 0.00 | 45.19 -1.80 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 46.80 2.37 0.00 | 46.71 2.27 0.00 | 42.10 1.97 -0.56 | 40.76 1.87 0.00 | 42.23 1.94 0.00 | 42.15 1.95 0.00 | 48.01 2.36 0.00 | 50.55 2.60 0.00 | 50.80 2.48 0.00 | 55.34 2.69 0.00 | 57.35 2.70 0.00 | 59.00 2.87 0.00 | 56.51 2.88 0.00 | 64.63 3.24 0.00 | 59.51 2.98 0.00 | 60.08 3.10 0.00 | 230.64 12.97 0.00 | 71.02 4.11 0.00 | 65.28 3.78 0.00 | 113.97 6.28 -0.34 | 55.24 3.11 -0.69 | 46.06 2.54 -0.06 | 41.13 2.18 0.00 | 49.59 2.61 0.00 |
| FORT ORANGE___ 23900 | 45.89 1.47 0.00 | 45.89 1.44 0.00 | 41.60 1.36 -0.67 | 40.20 1.31 0.00 | 41.61 1.31 0.00 | 41.46 1.26 0.00 | 46.99 1.34 0.00 | 49.48 1.52 0.00 | 49.72 1.39 0.00 | 54.05 1.40 0.00 | 55.95 1.30 0.00 | 57.46 1.33 0.00 | 54.99 1.38 0.00 | 62.96 1.57 0.00 | 58.10 1.57 0.00 | 58.63 1.65 0.00 | 224.03 6.35 0.00 | 69.02 2.11 0.00 | 63.44 1.95 0.00 | 111.10 3.34 -0.41 | 53.94 1.68 -0.83 | 44.97 1.43 -0.08 | 40.21 1.26 0.00 | 48.48 1.49 0.00 |
| FORT_DRUM_COGEN 23780 | 43.71 -0.71 0.00 | 43.86 -0.58 0.00 | 38.64 -0.96 -0.03 | 38.08 -0.81 0.00 | 39.89 -0.40 0.00 | 40.19 0.00 0.00 | 45.47 -0.18 0.00 | 48.47 0.51 0.00 | 49.24 0.92 0.00 | 52.78 0.13 0.00 | 55.57 0.92 0.00 | 57.13 1.00 0.00 | 54.43 0.81 0.00 | 62.14 0.74 0.00 | 57.57 1.03 0.00 | 58.05 1.07 0.00 | 219.65 1.97 0.00 | 67.92 1.01 0.00 | 61.91 0.42 0.00 | 107.73 0.37 -0.02 | 51.82 0.35 -0.04 | 43.72 0.26 0.00 | 39.16 0.21 0.00 | 46.97 -0.02 0.00 |
| FOX_HILLS___ESR 323835 | 46.58 2.16 0.00 | 46.46 2.02 0.00 | 41.85 1.73 -0.55 | 40.48 1.60 0.00 | 41.93 1.65 0.00 | 41.90 1.70 0.00 | 47.74 2.08 0.00 | 50.29 2.34 0.00 | 50.57 2.25 0.00 | 59.77 2.74 -4.38 | 67.70 2.73 -10.32 | 148.08 3.25 -88.70 | 116.84 3.17 -60.05 | 65.74 3.07 -1.27 | 60.93 2.74 -1.66 | 61.02 2.78 -1.26 | 229.47 11.80 0.00 | 70.66 3.74 0.00 | 64.94 3.45 0.00 | 113.36 5.67 -0.34 | 56.18 3.02 -1.73 | 46.27 2.48 -0.33 | 41.03 2.07 0.00 | 49.50 2.52 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 47.67 3.24 0.00 | 47.40 2.96 0.00 | 42.69 2.56 -0.55 | 41.26 2.37 0.00 | 42.92 2.63 0.00 | 42.85 2.66 0.00 | 48.48 2.82 0.00 | 50.72 2.76 0.00 | 50.92 2.60 0.00 | 55.26 2.61 0.00 | 58.06 3.42 0.00 | 59.68 3.55 0.00 | 57.32 3.70 0.00 | 65.29 3.90 0.00 | 60.06 3.52 0.00 | 60.41 3.42 0.00 | 231.16 13.48 0.00 | 71.61 4.70 0.00 | 66.11 4.61 0.00 | 114.84 7.15 -0.34 | 55.76 3.63 -0.68 | 46.62 3.10 -0.06 | 41.79 2.84 0.00 | 50.39 3.40 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 47.67 3.24 0.00 | 47.40 2.96 0.00 | 42.69 2.56 -0.55 | 41.26 2.37 0.00 | 42.92 2.63 0.00 | 42.85 2.66 0.00 | 48.48 2.82 0.00 | 50.72 2.76 0.00 | 50.92 2.60 0.00 | 55.26 2.61 0.00 | 58.06 3.42 0.00 | 59.68 3.55 0.00 | 57.32 3.70 0.00 | 65.29 3.90 0.00 | 60.06 3.52 0.00 | 60.41 3.42 0.00 | 231.16 13.48 0.00 | 71.61 4.70 0.00 | 66.11 4.61 0.00 | 114.84 7.15 -0.34 | 55.76 3.63 -0.68 | 46.62 3.10 -0.06 | 41.79 2.84 0.00 | 50.39 3.40 0.00 |
| FRANKLIN_FALL_HYD 24054 | 43.76 -0.66 0.00 | 43.78 -0.67 0.00 | 39.05 -0.52 0.00 | 38.20 -0.69 0.00 | 39.64 -0.65 0.00 | 40.70 0.50 0.00 | 46.83 1.17 0.00 | 49.21 1.26 0.00 | 50.04 1.72 0.00 | 54.74 2.09 0.00 | 57.32 2.66 0.00 | 59.87 3.74 0.00 | 56.79 3.17 0.00 | 64.81 3.42 0.00 | 59.49 2.96 0.00 | 59.60 2.62 0.00 | 222.12 4.45 0.00 | 69.14 2.23 0.00 | 63.68 2.18 0.00 | 111.13 3.79 0.00 | 53.05 1.62 0.00 | 44.56 1.09 0.00 | 40.24 1.30 0.00 | 48.23 1.25 0.00 |

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| FREEPORT_EQUS_GT1 23764 | 47.42 3.00 0.00 | 47.14 2.70 0.00 | 42.45 2.32 -0.55 | 41.02 2.13 0.00 | 42.70 2.41 0.00 | 42.62 2.43 0.00 | 48.14 2.49 0.00 | 50.38 2.43 0.00 | 50.58 2.26 0.00 | 54.79 2.15 0.00 | 57.50 2.86 0.00 | 59.17 3.04 0.00 | 56.86 3.24 0.00 | 64.77 3.37 0.00 | 59.56 3.03 0.00 | 59.85 2.87 0.00 | 228.15 10.47 0.00 | 70.70 3.78 0.00 | 65.36 3.87 0.00 | 113.86 6.17 -0.34 | 55.23 3.11 -0.68 | 46.25 2.73 -0.06 | 41.47 2.52 0.00 | 50.03 3.04 0.00 |
| FREEPORT___CT2 23818 | 47.42 3.00 0.00 | 47.14 2.70 0.00 | 42.45 2.32 -0.55 | 41.02 2.13 0.00 | 42.70 2.41 0.00 | 42.62 2.43 0.00 | 48.14 2.49 0.00 | 50.38 2.43 0.00 | 50.58 2.26 0.00 | 54.79 2.15 0.00 | 57.50 2.86 0.00 | 59.17 3.04 0.00 | 56.86 3.24 0.00 | 64.77 3.37 0.00 | 59.56 3.03 0.00 | 59.85 2.87 0.00 | 228.15 10.47 0.00 | 70.70 3.78 0.00 | 65.36 3.87 0.00 | 113.86 6.17 -0.34 | 55.23 3.11 -0.68 | 46.25 2.73 -0.06 | 41.47 2.52 0.00 | 50.03 3.04 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 46.60 2.18 0.00 | 46.49 2.05 0.00 | 41.89 1.76 -0.55 | 40.52 1.64 0.00 | 41.97 1.69 0.00 | 41.94 1.75 0.00 | 47.81 2.15 0.00 | 50.36 2.40 0.00 | 50.61 2.29 0.00 | 59.80 2.77 -4.38 | 67.69 2.72 -10.32 | 148.12 3.29 -88.70 | 116.85 3.19 -60.05 | 65.74 3.07 -1.27 | 60.93 2.74 -1.66 | 61.03 2.79 -1.26 | 229.56 11.89 0.00 | 70.68 3.76 0.00 | 64.98 3.49 0.00 | 113.44 5.75 -0.34 | 56.19 3.03 -1.73 | 46.28 2.49 -0.33 | 41.04 2.09 0.00 | 49.51 2.52 0.00 |
| FULTON COGEN____ 23766 | 42.93 -1.50 0.00 | 42.96 -1.48 0.00 | 38.25 -1.37 -0.05 | 37.58 -1.31 0.00 | 38.96 -1.33 0.00 | 38.90 -1.30 0.00 | 44.21 -1.44 0.00 | 46.52 -1.44 0.00 | 46.93 -1.39 0.00 | 51.13 -1.52 0.00 | 53.13 -1.52 0.00 | 54.45 -1.69 0.00 | 52.00 -1.62 0.00 | 59.63 -1.76 0.00 | 54.91 -1.63 0.00 | 55.27 -1.72 0.00 | 211.05 -6.62 0.00 | 64.91 -2.00 0.00 | 59.60 -1.89 0.00 | 104.08 -3.29 -0.03 | 49.80 -1.69 -0.06 | 42.07 -1.40 0.00 | 37.70 -1.25 0.00 | 45.42 -1.56 0.00 |
| FULTON___LFGE 323630 | 45.37 0.94 0.00 | 45.38 0.94 0.00 | 41.16 0.82 -0.77 | 39.68 0.80 0.00 | 41.19 0.90 0.00 | 41.17 0.97 0.00 | 46.89 1.24 0.00 | 49.41 1.45 0.00 | 49.54 1.22 0.00 | 54.01 1.36 0.00 | 56.11 1.46 0.00 | 57.32 1.19 0.00 | 54.40 0.78 0.00 | 62.56 1.17 0.00 | 57.95 1.41 0.00 | 58.46 1.48 0.00 | 223.34 5.66 0.00 | 68.80 1.89 0.00 | 63.20 1.71 0.00 | 110.72 2.89 -0.47 | 53.79 1.40 -0.95 | 44.62 1.08 -0.09 | 39.85 0.90 0.00 | 47.97 0.99 -0.01 |
| G.F.CEMENT___DRP 24184 | 48.08 3.65 0.00 | 48.04 3.60 0.00 | 43.44 3.17 -0.70 | 41.99 3.11 0.00 | 43.32 3.03 0.00 | 42.89 2.69 0.00 | 48.78 3.12 0.00 | 51.19 3.23 0.00 | 51.43 3.11 0.00 | 55.78 3.12 0.00 | 57.65 3.00 0.00 | 59.13 3.00 0.00 | 56.41 2.79 0.00 | 64.57 3.18 0.00 | 59.92 3.39 0.00 | 60.55 3.57 0.00 | 231.98 14.30 0.00 | 71.32 4.40 0.00 | 65.67 4.18 0.00 | 114.89 7.11 -0.43 | 55.75 3.45 -0.86 | 46.31 2.77 -0.08 | 41.36 2.40 0.00 | 49.86 2.88 -0.01 |
| GARDENVILLE___LBMP 24039 | 43.67 -0.75 0.00 | 43.96 -0.48 0.00 | 38.89 -0.78 -0.09 | 38.36 -0.53 0.00 | 39.88 -0.41 0.00 | 39.67 -0.52 0.00 | 44.68 -0.98 0.00 | 46.21 -1.74 0.00 | 47.07 -1.25 0.00 | 51.83 -0.82 0.00 | 54.39 -0.25 0.00 | 55.29 -0.84 0.00 | 52.08 -1.54 0.00 | 59.89 -1.51 0.00 | 54.70 -1.84 0.00 | 54.94 -2.05 0.00 | 207.96 -9.71 0.00 | 63.95 -2.96 0.00 | 58.78 -2.71 0.00 | 102.79 -4.61 -0.06 | 48.84 -2.71 -0.12 | 41.36 -2.11 -0.01 | 37.35 -1.60 0.00 | 45.41 -1.57 0.00 |
| GARDNVLA_35_KV_LD 355827 | 44.07 -0.36 0.00 | 44.36 -0.08 0.00 | 39.23 -0.44 -0.09 | 38.69 -0.20 0.00 | 40.22 -0.07 0.00 | 40.03 -0.16 0.00 | 45.12 -0.54 0.00 | 46.70 -1.26 0.00 | 47.58 -0.74 0.00 | 52.38 -0.27 0.00 | 55.01 0.36 0.00 | 55.89 -0.24 0.00 | 52.64 -0.99 0.00 | 60.56 -0.84 0.00 | 55.31 -1.22 0.00 | 55.53 -1.45 0.00 | 210.35 -7.33 0.00 | 64.73 -2.19 0.00 | 59.48 -2.02 0.00 | 103.97 -3.43 -0.06 | 49.38 -2.17 -0.12 | 41.79 -1.68 -0.01 | 37.72 -1.23 0.00 | 45.81 -1.18 0.00 |
| GELCKHM___115KV_LOAD 80723 | 43.56 -0.86 0.00 | 43.60 -0.84 0.00 | 38.83 -0.79 -0.05 | 38.14 -0.75 0.00 | 39.55 -0.74 0.00 | 39.47 -0.73 0.00 | 44.88 -0.78 0.00 | 47.12 -0.83 0.00 | 47.55 -0.77 0.00 | 51.82 -0.83 0.00 | 53.86 -0.79 0.00 | 55.17 -0.95 0.00 | 52.64 -0.98 0.00 | 60.36 -1.03 0.00 | 55.57 -0.97 0.00 | 55.97 -1.02 0.00 | 213.74 -3.94 0.00 | 65.67 -1.24 0.00 | 60.34 -1.15 0.00 | 105.32 -2.06 -0.03 | 50.38 -1.12 -0.06 | 42.55 -0.91 -0.01 | 38.14 -0.81 0.00 | 45.99 -0.99 0.00 |
| GENERAL___MILLS 23808 | 43.90 -0.53 0.00 | 44.18 -0.26 0.00 | 39.08 -0.59 -0.09 | 38.55 -0.33 0.00 | 40.07 -0.22 0.00 | 39.87 -0.32 0.00 | 44.91 -0.74 0.00 | 46.47 -1.48 0.00 | 47.33 -0.99 0.00 | 52.10 -0.55 0.00 | 54.70 0.05 0.00 | 55.59 -0.54 0.00 | 52.34 -1.28 0.00 | 60.20 -1.20 0.00 | 54.99 -1.54 0.00 | 55.22 -1.77 0.00 | 209.08 -8.60 0.00 | 64.34 -2.58 0.00 | 59.11 -2.38 0.00 | 103.34 -4.07 -0.06 | 49.11 -2.45 -0.12 | 41.57 -1.90 -0.01 | 37.53 -1.42 0.00 | 45.60 -1.38 0.00 |
| GE_PLASTICS___DRP 24183 | 45.58 1.15 0.00 | 45.59 1.14 0.00 | 41.34 1.10 -0.67 | 39.94 1.06 0.00 | 41.34 1.05 0.00 | 41.18 0.98 0.00 | 46.68 1.02 0.00 | 49.10 1.15 0.00 | 49.38 1.05 0.00 | 53.71 1.06 0.00 | 55.63 0.98 0.00 | 57.15 1.02 0.00 | 54.72 1.10 0.00 | 62.61 1.22 0.00 | 57.73 1.20 0.00 | 58.23 1.25 0.00 | 222.66 4.98 0.00 | 68.48 1.57 0.00 | 62.95 1.46 0.00 | 110.28 2.52 -0.41 | 53.58 1.32 -0.83 | 44.66 1.13 -0.08 | 39.95 1.00 0.00 | 48.18 1.20 0.00 |
| GILBOA___1 23756 | 45.45 1.02 0.00 | 45.54 1.09 0.00 | 41.25 1.15 -0.53 | 39.99 1.11 0.00 | 41.38 1.09 0.00 | 41.07 0.87 0.00 | 46.58 0.92 0.00 | 48.97 1.02 0.00 | 49.27 0.95 0.00 | 53.64 1.00 0.00 | 55.63 0.98 0.00 | 57.15 1.02 0.00 | 54.69 1.07 0.00 | 62.60 1.20 0.00 | 57.62 1.08 0.00 | 58.04 1.06 0.00 | 221.96 4.29 0.00 | 68.04 1.13 0.00 | 62.61 1.11 0.00 | 110.01 2.34 -0.33 | 53.29 1.19 -0.66 | 44.52 1.00 -0.06 | 39.82 0.87 0.00 | 48.05 1.06 0.00 |
| GILBOA___2 23757 | 45.45 1.02 0.00 | 45.54 1.09 0.00 | 41.25 1.15 -0.53 | 39.99 1.11 0.00 | 41.38 1.09 0.00 | 41.07 0.87 0.00 | 46.58 0.92 0.00 | 48.97 1.02 0.00 | 49.27 0.95 0.00 | 53.64 1.00 0.00 | 55.63 0.98 0.00 | 57.15 1.02 0.00 | 54.69 1.07 0.00 | 62.60 1.20 0.00 | 57.62 1.08 0.00 | 58.04 1.06 0.00 | 221.96 4.29 0.00 | 68.04 1.13 0.00 | 62.61 1.11 0.00 | 110.01 2.34 -0.33 | 53.29 1.19 -0.66 | 44.52 1.00 -0.06 | 39.82 0.87 0.00 | 48.05 1.06 0.00 |
| GILBOA___3 23758 | 45.45 1.02 0.00 | 45.54 1.09 0.00 | 41.25 1.15 -0.53 | 39.99 1.11 0.00 | 41.38 1.09 0.00 | 41.07 0.87 0.00 | 46.58 0.92 0.00 | 48.97 1.02 0.00 | 49.27 0.95 0.00 | 53.64 1.00 0.00 | 55.63 0.98 0.00 | 57.15 1.02 0.00 | 54.69 1.07 0.00 | 62.60 1.20 0.00 | 57.62 1.08 0.00 | 58.04 1.06 0.00 | 221.96 4.29 0.00 | 68.04 1.13 0.00 | 62.61 1.11 0.00 | 110.01 2.34 -0.33 | 53.29 1.19 -0.66 | 44.52 1.00 -0.06 | 39.82 0.87 0.00 | 48.05 1.06 0.00 |
| GILBOA___4 23759 | 45.45 1.02 0.00 | 45.54 1.09 0.00 | 41.25 1.15 -0.53 | 39.99 1.11 0.00 | 41.38 1.09 0.00 | 41.07 0.87 0.00 | 46.58 0.92 0.00 | 48.97 1.02 0.00 | 49.27 0.95 0.00 | 53.64 1.00 0.00 | 55.63 0.98 0.00 | 57.15 1.02 0.00 | 54.69 1.07 0.00 | 62.60 1.20 0.00 | 57.62 1.08 0.00 | 58.04 1.06 0.00 | 221.96 4.29 0.00 | 68.04 1.13 0.00 | 62.61 1.11 0.00 | 110.01 2.34 -0.33 | 53.29 1.19 -0.66 | 44.52 1.00 -0.06 | 39.82 0.87 0.00 | 48.05 1.06 0.00 |

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| GILBOA____ 23599 | 45.44 1.02 0.00 | 45.54 1.09 0.00 | 41.25 1.14 -0.53 | 39.99 1.11 0.00 | 41.38 1.09 0.00 | 41.07 0.88 0.00 | 46.58 0.92 0.00 | 48.97 1.02 0.00 | 49.27 0.95 0.00 | 53.64 0.99 0.00 | 55.63 0.98 0.00 | 57.15 1.02 0.00 | 54.69 1.07 0.00 | 62.60 1.20 0.00 | 57.61 1.08 0.00 | 58.04 1.06 0.00 | 221.89 4.21 0.00 | 68.04 1.13 0.00 | 62.60 1.11 0.00 | 110.01 2.34 -0.33 | 53.28 1.19 -0.66 | 44.52 1.00 -0.06 | 39.82 0.87 0.00 | 48.05 1.06 0.00 |
| GINNA____ 23603 | 42.10 -2.32 0.00 | 42.20 -2.24 0.00 | 37.48 -2.16 -0.06 | 36.86 -2.03 0.00 | 38.29 -2.00 0.00 | 38.23 -1.96 0.00 | 43.35 -2.31 0.00 | 45.28 -2.67 0.00 | 45.85 -2.48 0.00 | 50.20 -2.44 0.00 | 52.40 -2.25 0.00 | 53.50 -2.63 0.00 | 50.78 -2.84 0.00 | 58.36 -3.04 0.00 | 53.56 -2.98 0.00 | 53.91 -3.08 0.00 | 204.78 -12.90 0.00 | 63.17 -3.75 0.00 | 58.00 -3.49 0.00 | 101.21 -6.17 -0.04 | 48.22 -3.30 -0.08 | 40.65 -2.81 -0.01 | 36.49 -2.46 0.00 | 44.05 -2.93 0.00 |
| GLEN PARK____ 23778 | 43.73 -0.70 0.00 | 43.87 -0.57 0.00 | 38.65 -0.95 -0.03 | 38.08 -0.80 0.00 | 39.89 -0.40 0.00 | 40.19 0.00 0.00 | 45.53 -0.13 0.00 | 48.52 0.57 0.00 | 49.26 0.94 0.00 | 52.83 0.18 0.00 | 55.59 0.94 0.00 | 57.09 0.96 0.00 | 54.39 0.77 0.00 | 62.13 0.73 0.00 | 57.59 1.06 0.00 | 58.09 1.10 0.00 | 220.05 2.38 0.00 | 68.06 1.15 0.00 | 62.03 0.54 0.00 | 107.94 0.57 -0.02 | 51.91 0.43 -0.04 | 43.77 0.31 0.00 | 39.17 0.22 0.00 | 46.97 -0.01 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 46.92 2.49 0.00 | 46.77 2.33 0.00 | 42.10 1.97 -0.55 | 40.73 1.84 0.00 | 42.19 1.90 0.00 | 42.15 1.95 0.00 | 48.03 2.37 0.00 | 50.58 2.62 0.00 | 50.91 2.58 0.00 | 60.03 3.00 -4.38 | 68.06 3.10 -10.32 | 148.23 3.39 -88.70 | 117.00 3.33 -60.05 | 66.25 3.59 -1.27 | 61.45 3.27 -1.66 | 61.55 3.31 -1.26 | 231.44 13.77 0.00 | 71.24 4.33 0.00 | 65.45 3.96 0.00 | 114.20 6.51 -0.34 | 56.55 3.38 -1.73 | 46.58 2.79 -0.33 | 41.32 2.36 0.00 | 49.84 2.85 0.00 |
| GLENWOOD_IC_1_G5 23712 | 47.05 2.62 0.00 | 46.84 2.40 0.00 | 42.19 2.06 -0.55 | 40.81 1.92 0.00 | 42.36 2.08 0.00 | 42.29 2.10 0.00 | 47.98 2.32 0.00 | 50.39 2.43 0.00 | 50.63 2.31 0.00 | 55.07 2.42 0.00 | 57.42 2.78 0.00 | 59.10 2.98 0.00 | 56.70 3.08 0.00 | 64.71 3.32 0.00 | 59.51 2.98 0.00 | 59.91 2.92 0.00 | 228.55 10.87 0.00 | 70.90 3.99 0.00 | 65.22 3.73 0.00 | 113.66 5.97 -0.34 | 55.02 2.90 -0.68 | 45.98 2.46 -0.06 | 41.26 2.31 0.00 | 49.79 2.81 0.00 |
| GLENWOOD_IC_2_G1 23688 | 46.77 2.34 0.00 | 46.62 2.17 0.00 | 41.99 1.87 -0.55 | 40.63 1.74 0.00 | 42.12 1.83 0.00 | 42.04 1.85 0.00 | 47.77 2.12 0.00 | 50.22 2.26 0.00 | 50.47 2.15 0.00 | 54.95 2.30 0.00 | 57.17 2.53 0.00 | 58.84 2.71 0.00 | 56.40 2.78 0.00 | 64.42 3.03 0.00 | 59.27 2.74 0.00 | 59.73 2.75 0.00 | 229.03 11.36 0.00 | 70.65 3.74 0.00 | 64.99 3.50 0.00 | 113.23 5.55 -0.34 | 54.93 2.81 -0.68 | 45.90 2.38 -0.06 | 41.08 2.13 0.00 | 49.58 2.59 0.00 |
| GLENWOOD_IC_3_G1 23689 | 46.77 2.34 0.00 | 46.62 2.17 0.00 | 41.99 1.87 -0.55 | 40.63 1.74 0.00 | 42.12 1.83 0.00 | 42.04 1.85 0.00 | 47.77 2.12 0.00 | 50.22 2.26 0.00 | 50.47 2.15 0.00 | 54.95 2.30 0.00 | 57.17 2.53 0.00 | 58.84 2.71 0.00 | 56.40 2.78 0.00 | 64.42 3.03 0.00 | 59.27 2.74 0.00 | 59.73 2.75 0.00 | 229.03 11.36 0.00 | 70.65 3.74 0.00 | 64.99 3.50 0.00 | 113.23 5.55 -0.34 | 54.93 2.81 -0.68 | 45.90 2.38 -0.06 | 41.08 2.13 0.00 | 49.58 2.59 0.00 |
| GLENWOOD____4 23550 | 47.05 2.62 0.00 | 46.84 2.40 0.00 | 42.19 2.06 -0.55 | 40.81 1.92 0.00 | 42.36 2.08 0.00 | 42.29 2.10 0.00 | 47.98 2.32 0.00 | 50.39 2.43 0.00 | 50.63 2.31 0.00 | 55.07 2.42 0.00 | 57.42 2.78 0.00 | 59.10 2.98 0.00 | 56.70 3.08 0.00 | 64.71 3.32 0.00 | 59.51 2.98 0.00 | 59.92 2.93 0.00 | 228.98 11.31 0.00 | 70.91 4.00 0.00 | 65.25 3.75 0.00 | 113.66 5.97 -0.34 | 55.06 2.94 -0.68 | 46.02 2.50 -0.06 | 41.26 2.31 0.00 | 49.79 2.81 0.00 |
| GLENWOOD____5 23614 | 47.05 2.62 0.00 | 46.84 2.40 0.00 | 42.19 2.06 -0.55 | 40.81 1.92 0.00 | 42.36 2.08 0.00 | 42.29 2.10 0.00 | 47.98 2.32 0.00 | 50.39 2.43 0.00 | 50.63 2.31 0.00 | 55.07 2.42 0.00 | 57.42 2.78 0.00 | 59.10 2.98 0.00 | 56.70 3.08 0.00 | 64.71 3.32 0.00 | 59.51 2.98 0.00 | 59.92 2.93 0.00 | 228.98 11.31 0.00 | 70.91 4.00 0.00 | 65.25 3.75 0.00 | 113.66 5.97 -0.34 | 55.06 2.94 -0.68 | 46.02 2.50 -0.06 | 41.26 2.31 0.00 | 49.79 2.81 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 49.27 4.84 0.00 | 48.91 4.47 0.00 | 43.95 3.83 -0.55 | 42.40 3.52 0.00 | 44.11 3.83 0.00 | 43.77 3.58 0.00 | 49.22 3.56 0.00 | 50.89 2.93 0.00 | 50.64 2.32 0.00 | 54.36 1.71 0.00 | 59.27 2.16 -2.46 | 58.29 2.16 0.00 | 56.09 2.47 0.00 | 64.74 3.34 0.00 | 59.67 3.14 0.00 | 58.95 1.96 0.00 | 233.50 12.27 -3.56 | 71.77 4.64 -0.22 | 66.98 4.87 -0.62 | 115.86 6.96 -1.56 | 54.58 2.46 -0.68 | 45.64 2.12 -0.06 | 40.57 1.62 0.00 | 49.14 2.16 0.00 |
| GLOBE____DSASP 323697 | 43.27 -1.15 0.00 | 43.54 -0.91 0.00 | 38.51 -1.15 -0.09 | 37.98 -0.91 0.00 | 39.46 -0.83 0.00 | 39.15 -1.04 0.00 | 43.66 -2.00 0.00 | 45.07 -2.88 0.00 | 45.83 -2.49 0.00 | 50.56 -2.09 0.00 | 53.13 -1.52 0.00 | 53.90 -2.23 0.00 | 50.71 -2.91 0.00 | 58.26 -3.14 0.00 | 53.24 -3.29 0.00 | 53.50 -3.49 0.00 | 201.05 -16.63 0.00 | 61.96 -4.96 0.00 | 56.93 -4.56 0.00 | 99.52 -7.88 -0.05 | 47.27 -4.27 -0.10 | 40.25 -3.22 -0.01 | 36.52 -2.43 0.00 | 44.39 -2.59 0.00 |
| GOETHSLN____LBMP 323567 | 46.55 2.13 0.00 | 46.41 1.97 0.00 | 41.81 1.68 -0.55 | 40.44 1.55 0.00 | 41.88 1.59 0.00 | 41.82 1.63 0.00 | 47.67 2.01 0.00 | 50.21 2.26 0.00 | 50.49 2.17 0.00 | 59.54 2.45 -4.44 | 67.60 2.49 -10.46 | 148.71 2.66 -89.92 | 117.20 2.70 -60.87 | 65.72 3.04 -1.29 | 60.98 2.77 -1.68 | 61.09 2.84 -1.27 | 229.69 12.01 0.00 | 70.72 3.80 0.00 | 64.98 3.48 0.00 | 113.31 5.62 -0.34 | 56.08 2.90 -1.74 | 46.18 2.39 -0.33 | 41.01 2.06 0.00 | 49.49 2.50 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 44.57 0.14 0.00 | 44.76 0.31 0.00 | 39.65 0.01 -0.07 | 39.08 0.19 0.00 | 40.58 0.29 0.00 | 40.45 0.25 0.00 | 45.75 0.09 0.00 | 47.62 -0.34 0.00 | 48.29 -0.03 0.00 | 52.95 0.30 0.00 | 55.35 0.70 0.00 | 56.42 0.29 0.00 | 53.42 -0.20 0.00 | 61.42 0.03 0.00 | 56.31 -0.22 0.00 | 56.66 -0.32 0.00 | 215.21 -2.47 0.00 | 66.31 -0.60 0.00 | 60.90 -0.60 0.00 | 106.28 -1.10 -0.04 | 50.53 -0.99 -0.08 | 42.65 -0.82 -0.01 | 38.37 -0.58 0.00 | 46.38 -0.61 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 45.06 0.63 0.00 | 45.10 0.66 0.00 | 40.34 0.59 -0.18 | 39.43 0.55 0.00 | 40.92 0.62 0.00 | 40.84 0.64 0.00 | 46.55 0.89 0.00 | 49.01 1.06 0.00 | 49.30 0.98 0.00 | 53.89 1.25 0.00 | 56.01 1.36 0.00 | 57.49 1.36 0.00 | 54.90 1.28 0.00 | 62.95 1.56 0.00 | 57.75 1.22 0.00 | 58.10 1.11 0.00 | 221.89 4.21 0.00 | 68.16 1.25 0.00 | 62.65 1.16 0.00 | 109.50 2.05 -0.11 | 52.61 0.95 -0.22 | 44.23 0.75 -0.02 | 39.58 0.63 0.00 | 47.71 0.72 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 44.10 -0.33 0.00 | 44.22 -0.23 0.00 | 39.39 -0.36 -0.18 | 38.59 -0.29 0.00 | 40.09 -0.20 0.00 | 39.97 -0.23 0.00 | 45.53 -0.13 0.00 | 47.62 -0.34 0.00 | 48.18 -0.14 0.00 | 52.51 -0.14 0.00 | 54.60 -0.05 0.00 | 55.90 -0.23 0.00 | 53.31 -0.31 0.00 | 61.25 -0.14 0.00 | 56.19 -0.34 0.00 | 56.57 -0.42 0.00 | 216.09 -1.58 0.00 | 66.17 -0.74 0.00 | 60.90 -0.60 0.00 | 106.49 -0.97 -0.11 | 50.99 -0.67 -0.23 | 42.98 -0.50 -0.02 | 38.45 -0.50 0.00 | 46.56 -0.42 0.00 |

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|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| GOUDEY___7 23579 | 44.10 -0.33 0.00 | 44.22 -0.23 0.00 | 39.39 -0.36 -0.18 | 38.59 -0.29 0.00 | 40.09 -0.20 0.00 | 39.97 -0.23 0.00 | 45.53 -0.13 0.00 | 47.62 -0.34 0.00 | 48.18 -0.14 0.00 | 52.51 -0.14 0.00 | 54.60 -0.05 0.00 | 55.90 -0.23 0.00 | 53.31 -0.31 0.00 | 61.25 -0.14 0.00 | 56.19 -0.34 0.00 | 56.57 -0.42 0.00 | 216.09 -1.58 0.00 | 66.17 -0.74 0.00 | 60.90 -0.60 0.00 | 106.49 -0.97 -0.11 | 50.99 -0.67 -0.23 | 42.98 -0.50 -0.02 | 38.45 -0.50 0.00 | 46.56 -0.42 0.00 |
| GOUDEY___8 23580 | 44.10 -0.33 0.00 | 44.22 -0.23 0.00 | 39.39 -0.36 -0.18 | 38.59 -0.29 0.00 | 40.09 -0.20 0.00 | 39.97 -0.23 0.00 | 45.53 -0.13 0.00 | 47.62 -0.34 0.00 | 48.18 -0.14 0.00 | 52.51 -0.14 0.00 | 54.60 -0.05 0.00 | 55.90 -0.23 0.00 | 53.31 -0.31 0.00 | 61.25 -0.14 0.00 | 56.19 -0.34 0.00 | 56.57 -0.42 0.00 | 216.09 -1.58 0.00 | 66.17 -0.74 0.00 | 60.90 -0.60 0.00 | 106.49 -0.97 -0.11 | 50.99 -0.67 -0.23 | 42.98 -0.50 -0.02 | 38.45 -0.50 0.00 | 46.56 -0.42 0.00 |
| GOWANUS_GT1_1 24077 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT1_2 24078 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT1_3 24079 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT1_4 24080 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT1_5 24084 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT1_6 24111 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT1_7 24112 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT1_8 24113 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT2_1 24114 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT2_2 24115 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT2_3 24116 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT2_4 24117 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT2_5 24118 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |

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|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-----------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|
| GOWANUS_GT2_6 24119 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT2_7 24120 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT2_8 24121 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT3_1 24122 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT3_2 24123 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT3_3 24124 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT3_4 24125 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT3_5 24126 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT3_6 24127 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT3_7 24128 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT3_8 24129 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| GOWANUS_GT4_1 24130 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT4_2 24131 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT4_3 24132 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT4_4 24133 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |

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|---|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT4_6 24135 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT4_7 24136 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GOWANUS_GT4_8 24137 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GREATVRV_69_KV_BK1 356245 | 48.09 3.67 0.00 | 47.78 3.33 0.00 | 43.01 2.88 -0.55 | 41.53 2.65 0.00 | 43.27 2.98 0.00 | 43.18 2.98 0.00 | 48.75 3.09 0.00 | 50.86 2.90 0.00 | 50.96 2.64 0.00 | 55.18 2.53 0.00 | 59.80 3.33 -1.82 | 59.62 3.50 0.00 | 57.46 3.84 0.00 | 65.53 4.13 0.00 | 60.23 3.70 0.00 | 60.42 3.44 0.00 | 234.86 14.55 -2.64 | 71.75 4.67 -0.17 | 66.69 4.74 -0.46 | 116.17 7.59 -1.24 | 55.67 3.55 -0.68 | 46.67 3.15 -0.06 | 41.91 2.96 0.00 | 50.61 3.63 0.00 |
| GREENBSH_115KV_TB3 55895 | 45.62 1.20 0.00 | 45.61 1.17 0.00 | 41.37 1.13 -0.67 | 39.97 1.08 0.00 | 41.37 1.08 0.00 | 41.20 1.01 0.00 | 46.67 1.01 0.00 | 49.12 1.17 0.00 | 49.37 1.04 0.00 | 53.67 1.03 0.00 | 55.57 0.92 0.00 | 57.06 0.93 0.00 | 54.67 1.05 0.00 | 62.54 1.15 0.00 | 57.70 1.17 0.00 | 58.23 1.25 0.00 | 222.61 4.94 0.00 | 68.48 1.57 0.00 | 62.95 1.46 0.00 | 110.25 2.49 -0.42 | 53.58 1.32 -0.83 | 44.68 1.14 -0.08 | 39.97 1.01 0.00 | 48.18 1.19 0.00 |
| GREENDGE_115KV_TB5 80291 | 43.98 -0.44 0.00 | 44.18 -0.26 0.00 | 39.19 -0.52 -0.14 | 38.56 -0.32 0.00 | 40.27 -0.03 0.00 | 40.36 0.17 0.00 | 46.11 0.46 0.00 | 47.99 0.04 0.00 | 48.81 0.49 0.00 | 53.20 0.55 0.00 | 55.29 0.64 0.00 | 56.30 0.17 0.00 | 53.63 0.01 0.00 | 61.95 0.56 0.00 | 56.49 -0.04 0.00 | 56.84 -0.14 0.00 | 217.18 -0.50 0.00 | 66.45 -0.46 0.00 | 61.05 -0.44 0.00 | 106.80 -0.63 -0.08 | 50.88 -0.73 -0.17 | 42.92 -0.55 -0.02 | 38.35 -0.60 0.00 | 46.51 -0.47 0.00 |
| GREENIDGE___3 23582 | 43.98 -0.44 0.00 | 44.18 -0.26 0.00 | 39.19 -0.52 -0.14 | 38.56 -0.32 0.00 | 40.27 -0.03 0.00 | 40.36 0.17 0.00 | 46.11 0.46 0.00 | 47.99 0.04 0.00 | 48.81 0.49 0.00 | 53.20 0.55 0.00 | 55.29 0.64 0.00 | 56.30 0.17 0.00 | 53.63 0.01 0.00 | 61.95 0.56 0.00 | 56.49 -0.04 0.00 | 56.84 -0.14 0.00 | 217.18 -0.50 0.00 | 66.45 -0.46 0.00 | 61.05 -0.44 0.00 | 106.80 -0.63 -0.08 | 50.88 -0.73 -0.17 | 42.92 -0.55 -0.02 | 38.35 -0.60 0.00 | 46.51 -0.47 0.00 |
| GREENIDGE___4 23583 | 43.98 -0.44 0.00 | 44.18 -0.26 0.00 | 39.19 -0.52 -0.14 | 38.56 -0.33 0.00 | 40.27 -0.03 0.00 | 40.37 0.17 0.00 | 46.11 0.46 0.00 | 47.99 0.04 0.00 | 48.81 0.49 0.00 | 53.21 0.56 0.00 | 55.29 0.64 0.00 | 56.30 0.17 0.00 | 53.64 0.01 0.00 | 61.96 0.56 0.00 | 56.49 -0.04 0.00 | 56.85 -0.13 0.00 | 217.03 -0.65 0.00 | 66.45 -0.46 0.00 | 61.06 -0.44 0.00 | 106.80 -0.63 -0.08 | 50.87 -0.74 -0.17 | 42.92 -0.55 -0.02 | 38.34 -0.61 0.00 | 46.51 -0.47 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 47.19 2.77 0.00 | 46.90 2.46 0.00 | 42.25 2.12 -0.55 | 40.79 1.91 0.00 | 42.51 2.22 0.00 | 42.39 2.20 0.00 | 47.73 2.07 0.00 | 49.77 1.82 0.00 | 49.93 1.61 0.00 | 54.06 1.41 0.00 | 54.80 2.24 2.09 | 58.60 2.47 0.00 | 56.52 2.90 0.00 | 64.23 2.83 0.00 | 58.97 2.44 0.00 | 59.16 2.17 0.00 | 223.12 8.47 3.03 | 69.86 3.14 0.19 | 64.22 3.26 0.52 | 111.33 4.70 0.71 | 54.51 2.39 -0.68 | 45.75 2.22 -0.06 | 41.14 2.19 0.00 | 49.72 2.73 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |
| GRISSOM___SOLAR 323813 | 45.72 1.30 0.00 | 45.74 1.29 0.00 | 41.47 1.14 -0.76 | 39.99 1.10 0.00 | 41.49 1.20 0.00 | 41.44 1.24 0.00 | 47.20 1.54 0.00 | 49.70 1.75 0.00 | 49.87 1.55 0.00 | 54.28 1.63 0.00 | 56.34 1.69 0.00 | 57.51 1.38 0.00 | 54.55 0.93 0.00 | 62.81 1.41 0.00 | 58.25 1.72 0.00 | 58.81 1.83 0.00 | 224.74 7.06 0.00 | 69.25 2.34 0.00 | 63.63 2.14 0.00 | 111.46 3.64 -0.47 | 54.13 1.76 -0.94 | 44.93 1.38 -0.09 | 40.12 1.17 0.00 | 48.31 1.32 -0.01 |
| GROVEVILLE___HYD 323602 | 46.80 2.37 0.00 | 46.71 2.27 0.00 | 42.10 1.97 -0.56 | 40.76 1.87 0.00 | 42.23 1.94 0.00 | 42.15 1.95 0.00 | 48.01 2.36 0.00 | 50.55 2.60 0.00 | 50.80 2.48 0.00 | 55.34 2.69 0.00 | 57.35 2.70 0.00 | 59.00 2.87 0.00 | 56.51 2.88 0.00 | 64.63 3.24 0.00 | 59.51 2.98 0.00 | 60.08 3.10 0.00 | 230.64 12.97 0.00 | 71.02 4.11 0.00 | 65.28 3.78 0.00 | 113.97 6.28 -0.34 | 55.24 3.11 -0.69 | 46.06 2.54 -0.06 | 41.13 2.18 0.00 | 49.59 2.61 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 43.79 -0.64 0.00 | 43.83 -0.62 0.00 | 39.03 -0.60 -0.06 | 38.33 -0.55 0.00 | 39.76 -0.53 0.00 | 39.70 -0.49 0.00 | 45.17 -0.49 0.00 | 47.44 -0.51 0.00 | 47.86 -0.46 0.00 | 52.14 -0.51 0.00 | 54.20 -0.45 0.00 | 55.49 -0.64 0.00 | 52.96 -0.66 0.00 | 60.75 -0.64 0.00 | 55.93 -0.60 0.00 | 56.32 -0.66 0.00 | 215.07 -2.60 0.00 | 66.07 -0.84 0.00 | 60.73 -0.77 0.00 | 106.04 -1.34 -0.04 | 50.69 -0.82 -0.07 | 42.81 -0.65 -0.01 | 38.34 -0.61 0.00 | 46.25 -0.74 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 43.96 -0.46 0.00 | 44.03 -0.41 0.00 | 39.18 -0.45 -0.06 | 38.49 -0.40 0.00 | 39.95 -0.34 0.00 | 39.86 -0.33 0.00 | 45.38 -0.28 0.00 | 47.61 -0.35 0.00 | 48.05 -0.27 0.00 | 52.37 -0.28 0.00 | 54.43 -0.21 0.00 | 55.69 -0.44 0.00 | 53.09 -0.53 0.00 | 60.95 -0.44 0.00 | 56.12 -0.41 0.00 | 56.53 -0.45 0.00 | 215.82 -1.86 0.00 | 66.26 -0.65 0.00 | 60.94 -0.55 0.00 | 106.38 -1.01 -0.04 | 50.80 -0.71 -0.08 | 42.92 -0.55 -0.01 | 38.42 -0.53 0.00 | 46.37 -0.61 0.00 |

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|--|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| HAMPSHIRE___PAPER_HYD 323593 | 43.57 -0.85 0.00 | 43.72 -0.72 0.00 | 38.74 -0.85 -0.02 | 38.04 -0.85 0.00 | 39.66 -0.63 0.00 | 40.09 -0.11 0.00 | 45.29 -0.36 0.00 | 47.89 -0.06 0.00 | 48.80 0.48 0.00 | 53.01 0.36 0.00 | 55.91 1.26 0.00 | 57.98 1.85 0.00 | 55.18 1.56 0.00 | 62.89 1.49 0.00 | 57.92 1.38 0.00 | 57.98 0.99 0.00 | 216.13 -1.55 0.00 | 66.92 0.00 0.00 | 61.26 -0.24 0.00 | 106.87 -0.48 -0.01 | 51.34 -0.12 -0.02 | 43.43 -0.03 0.00 | 39.21 0.26 0.00 | 47.17 0.19 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 47.49 3.07 0.00 | 47.47 3.02 0.00 | 42.25 2.68 0.00 | 41.57 2.68 0.00 | 43.08 2.79 0.00 | 42.93 2.73 0.00 | 48.74 3.08 0.00 | 51.21 3.25 0.00 | 51.16 2.84 0.00 | 55.68 3.03 0.00 | 57.74 3.09 0.00 | 58.83 2.70 0.00 | 55.94 2.32 0.00 | 64.48 3.08 0.00 | 59.67 3.13 0.00 | 60.30 3.31 0.00 | 230.88 13.20 0.00 | 70.78 3.87 0.00 | 65.12 3.63 0.00 | 113.80 6.45 0.00 | 54.65 3.21 0.00 | 46.32 2.86 0.00 | 41.42 2.47 0.00 | 49.90 2.91 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 46.50 2.07 0.00 | 46.42 1.98 0.00 | 41.79 1.69 -0.52 | 40.48 1.59 0.00 | 41.92 1.63 0.00 | 41.83 1.64 0.00 | 47.65 2.00 0.00 | 50.17 2.22 0.00 | 50.39 2.07 0.00 | 54.93 2.28 0.00 | 56.97 2.32 0.00 | 58.59 2.46 0.00 | 56.12 2.50 0.00 | 64.24 2.84 0.00 | 59.10 2.56 0.00 | 59.66 2.68 0.00 | 229.42 11.75 0.00 | 70.63 3.72 0.00 | 64.85 3.35 0.00 | 113.11 5.44 -0.32 | 54.80 2.72 -0.64 | 45.74 2.23 -0.06 | 40.87 1.92 0.00 | 49.33 2.35 0.00 |
| HARSNRAD_115KV_TB1 81005 | 43.70 -0.72 0.00 | 43.96 -0.48 0.00 | 38.89 -0.77 -0.08 | 38.36 -0.53 0.00 | 39.86 -0.43 0.00 | 39.50 -0.69 0.00 | 44.30 -1.36 0.00 | 45.86 -2.09 0.00 | 46.66 -1.67 0.00 | 51.43 -1.21 0.00 | 53.98 -0.66 0.00 | 54.81 -1.32 0.00 | 51.58 -2.04 0.00 | 59.31 -2.09 0.00 | 54.20 -2.33 0.00 | 54.46 -2.53 0.00 | 205.99 -11.69 0.00 | 63.46 -3.45 0.00 | 58.31 -3.18 0.00 | 101.91 -5.49 -0.05 | 48.40 -3.14 -0.10 | 40.99 -2.48 -0.01 | 37.10 -1.85 0.00 | 45.08 -1.90 0.00 |
| HARZA MOOSE___RIVER 24016 | 44.56 0.13 0.00 | 44.71 0.26 0.00 | 39.54 -0.05 -0.02 | 38.93 0.04 0.00 | 40.62 0.33 0.00 | 40.76 0.56 0.00 | 46.18 0.53 0.00 | 48.87 0.91 0.00 | 49.55 1.23 0.00 | 53.61 0.96 0.00 | 56.04 1.39 0.00 | 57.60 1.47 0.00 | 54.91 1.29 0.00 | 62.76 1.37 0.00 | 57.91 1.38 0.00 | 58.38 1.39 0.00 | 221.24 3.57 0.00 | 68.15 1.24 0.00 | 62.30 0.81 0.00 | 108.74 1.38 -0.01 | 52.19 0.72 -0.03 | 44.07 0.60 0.00 | 39.58 0.63 0.00 | 47.59 0.61 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 43.48 -0.95 0.00 | 43.52 -0.93 0.00 | 38.76 -0.87 -0.06 | 38.07 -0.82 0.00 | 39.47 -0.82 0.00 | 39.41 -0.78 0.00 | 44.82 -0.84 0.00 | 47.05 -0.91 0.00 | 47.47 -0.85 0.00 | 51.75 -0.90 0.00 | 53.79 -0.86 0.00 | 55.09 -1.04 0.00 | 52.57 -1.06 0.00 | 60.29 -1.10 0.00 | 55.48 -1.06 0.00 | 55.88 -1.11 0.00 | 213.40 -4.28 0.00 | 65.57 -1.34 0.00 | 60.23 -1.26 0.00 | 105.16 -2.22 -0.03 | 50.31 -1.20 -0.07 | 42.49 -0.98 -0.01 | 38.09 -0.86 0.00 | 45.95 -1.04 0.00 |
| HELLGATE_13_KV_LD 55870 | 47.02 2.59 0.00 | 46.87 2.43 0.00 | 42.19 2.07 -0.55 | 40.82 1.93 0.00 | 42.28 1.99 0.00 | 42.25 2.06 0.00 | 48.14 2.48 0.00 | 50.71 2.75 0.00 | 51.02 2.69 0.00 | 60.15 3.12 -4.38 | 68.20 3.24 -10.32 | 148.37 3.55 -88.70 | 117.12 3.45 -60.05 | 66.39 3.73 -1.27 | 61.59 3.40 -1.66 | 61.67 3.43 -1.26 | 231.89 14.22 0.00 | 71.38 4.47 0.00 | 65.57 4.08 0.00 | 114.42 6.73 -0.34 | 56.64 3.48 -1.73 | 46.68 2.89 -0.33 | 41.41 2.45 0.00 | 49.94 2.95 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 47.02 2.59 0.00 | 46.87 2.43 0.00 | 42.19 2.07 -0.55 | 40.82 1.93 0.00 | 42.28 1.99 0.00 | 42.25 2.06 0.00 | 48.14 2.48 0.00 | 50.71 2.75 0.00 | 51.02 2.69 0.00 | 60.15 3.12 -4.38 | 68.20 3.24 -10.32 | 148.37 3.55 -88.70 | 117.12 3.45 -60.05 | 66.39 3.73 -1.27 | 61.59 3.40 -1.66 | 61.67 3.43 -1.26 | 231.89 14.22 0.00 | 71.38 4.47 0.00 | 65.57 4.08 0.00 | 114.42 6.73 -0.34 | 56.64 3.48 -1.73 | 46.68 2.89 -0.33 | 41.41 2.45 0.00 | 49.94 2.95 0.00 |
| HEMPSTEAD____ 23647 | 47.00 2.57 0.00 | 46.75 2.30 0.00 | 42.11 1.98 -0.55 | 40.71 1.82 0.00 | 42.33 2.04 0.00 | 42.25 2.05 0.00 | 47.79 2.13 0.00 | 50.08 2.12 0.00 | 50.28 1.96 0.00 | 54.56 1.92 0.00 | 57.16 2.51 0.00 | 58.79 2.66 0.00 | 56.47 2.84 0.00 | 64.36 2.97 0.00 | 59.18 2.65 0.00 | 59.52 2.53 0.00 | 227.55 9.88 0.00 | 70.44 3.53 0.00 | 64.96 3.47 0.00 | 113.02 5.34 -0.34 | 54.82 2.70 -0.68 | 45.88 2.36 -0.06 | 41.14 2.19 0.00 | 49.64 2.65 0.00 |
| HICKLING___1 23621 | 43.31 -1.12 0.00 | 43.55 -0.89 0.00 | 38.62 -1.10 -0.15 | 37.99 -0.89 0.00 | 39.60 -0.68 0.00 | 39.62 -0.58 0.00 | 45.21 -0.45 0.00 | 46.93 -1.02 0.00 | 47.80 -0.53 0.00 | 52.13 -0.52 0.00 | 54.36 -0.28 0.00 | 55.43 -0.70 0.00 | 52.74 -0.88 0.00 | 60.80 -0.60 0.00 | 55.39 -1.14 0.00 | 55.68 -1.31 0.00 | 212.52 -5.15 0.00 | 64.87 -2.04 0.00 | 59.69 -1.80 0.00 | 104.48 -2.96 -0.09 | 49.81 -1.81 -0.18 | 42.10 -1.38 -0.02 | 37.64 -1.31 0.00 | 45.78 -1.20 0.00 |
| HICKLING___2 23622 | 43.31 -1.12 0.00 | 43.55 -0.89 0.00 | 38.62 -1.10 -0.15 | 37.99 -0.89 0.00 | 39.60 -0.68 0.00 | 39.62 -0.58 0.00 | 45.21 -0.45 0.00 | 46.93 -1.02 0.00 | 47.80 -0.53 0.00 | 52.13 -0.52 0.00 | 54.36 -0.28 0.00 | 55.43 -0.70 0.00 | 52.74 -0.88 0.00 | 60.80 -0.60 0.00 | 55.39 -1.14 0.00 | 55.68 -1.31 0.00 | 212.52 -5.15 0.00 | 64.87 -2.04 0.00 | 59.69 -1.80 0.00 | 104.48 -2.96 -0.09 | 49.81 -1.81 -0.18 | 42.10 -1.38 -0.02 | 37.64 -1.31 0.00 | 45.78 -1.20 0.00 |
| HIGH FALLS___HY 23754 | 46.72 2.29 0.00 | 46.64 2.20 0.00 | 42.01 1.88 -0.55 | 40.68 1.80 0.00 | 42.16 1.88 0.00 | 42.10 1.90 0.00 | 48.03 2.37 0.00 | 50.58 2.63 0.00 | 50.81 2.49 0.00 | 55.35 2.70 0.00 | 57.45 2.80 0.00 | 59.07 2.94 0.00 | 56.49 2.87 0.00 | 64.68 3.28 0.00 | 59.47 2.93 0.00 | 60.09 3.10 0.00 | 231.15 13.47 0.00 | 71.13 4.22 0.00 | 65.37 3.88 0.00 | 114.11 6.42 -0.34 | 55.26 3.14 -0.68 | 46.07 2.54 -0.06 | 41.10 2.15 0.00 | 49.55 2.56 0.00 |
| HIGH_RIVER___SOLAR 323847 | 45.59 1.16 0.00 | 45.60 1.15 0.00 | 41.35 1.02 -0.75 | 39.87 0.99 0.00 | 41.37 1.08 0.00 | 41.30 1.11 0.00 | 47.02 1.36 0.00 | 49.51 1.55 0.00 | 49.58 1.26 0.00 | 53.90 1.25 0.00 | 55.89 1.24 0.00 | 57.08 0.95 0.00 | 54.22 0.60 0.00 | 62.29 0.89 0.00 | 57.83 1.30 0.00 | 58.50 1.52 0.00 | 223.98 6.30 0.00 | 69.00 2.09 0.00 | 63.40 1.91 0.00 | 111.06 3.25 -0.46 | 53.95 1.58 -0.93 | 44.78 1.24 -0.08 | 40.00 1.05 0.00 | 48.18 1.19 -0.01 |
| HILLBURN___GT 23639 | 46.33 1.90 0.00 | 46.25 1.80 0.00 | 41.63 1.53 -0.53 | 40.31 1.43 0.00 | 41.74 1.45 0.00 | 41.64 1.44 0.00 | 47.43 1.77 0.00 | 49.92 1.97 0.00 | 50.11 1.79 0.00 | 54.65 2.00 0.00 | 56.67 2.03 0.00 | 58.29 2.16 0.00 | 55.84 2.22 0.00 | 63.88 2.49 0.00 | 58.78 2.24 0.00 | 59.32 2.33 0.00 | 228.41 10.74 0.00 | 70.30 3.39 0.00 | 64.53 3.04 0.00 | 112.50 4.83 -0.33 | 54.55 2.46 -0.65 | 45.53 2.02 -0.06 | 40.71 1.76 0.00 | 49.17 2.19 0.00 |
| HILLSIDE_115KV_TB1 80332 | 42.94 -1.49 0.00 | 43.17 -1.27 0.00 | 38.27 -1.46 -0.15 | 37.62 -1.27 0.00 | 39.19 -1.10 0.00 | 39.10 -1.10 0.00 | 44.65 -1.00 0.00 | 46.40 -1.56 0.00 | 47.22 -1.11 0.00 | 51.44 -1.21 0.00 | 53.58 -1.06 0.00 | 54.73 -1.40 0.00 | 52.11 -1.51 0.00 | 60.02 -1.37 0.00 | 54.79 -1.75 0.00 | 55.12 -1.87 0.00 | 210.53 -7.15 0.00 | 64.18 -2.73 0.00 | 59.14 -2.35 0.00 | 103.53 -3.91 -0.09 | 49.37 -2.26 -0.19 | 41.73 -1.75 -0.02 | 37.27 -1.68 0.00 | 45.37 -1.61 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| HISHELDN_WT_PWR 323625 | 42.89 -1.54 0.00 | 43.25 -1.19 0.00 | 38.31 -1.36 -0.10 | 37.77 -1.12 0.00 | 39.35 -0.94 0.00 | 39.28 -0.91 0.00 | 44.32 -1.33 0.00 | 45.78 -2.17 0.00 | 46.63 -1.69 0.00 | 51.36 -1.29 0.00 | 53.82 -0.83 0.00 | 54.69 -1.44 0.00 | 51.62 -2.00 0.00 | 59.37 -2.02 0.00 | 54.07 -2.46 0.00 | 54.22 -2.76 0.00 | 205.20 -12.47 0.00 | 63.10 -3.81 0.00 | 57.90 -3.59 0.00 | 101.45 -5.96 -0.06 | 48.27 -3.30 -0.13 | 40.90 -2.57 -0.01 | 36.92 -2.03 0.00 | 44.91 -2.07 0.00 |
| HOLTSVILLE_IC_1 23690 | 47.47 3.05 0.00 | 47.16 2.71 0.00 | 42.47 2.35 -0.55 | 41.01 2.12 0.00 | 42.71 2.42 0.00 | 42.49 2.30 0.00 | 47.85 2.20 0.00 | 49.80 1.84 0.00 | 49.88 1.56 0.00 | 53.90 1.25 0.00 | 59.33 2.09 -2.60 | 58.39 2.26 0.00 | 56.24 2.62 0.00 | 64.18 2.78 0.00 | 59.03 2.49 0.00 | 59.00 2.01 0.00 | 230.25 8.81 -3.76 | 70.24 3.09 -0.24 | 65.57 3.43 -0.65 | 113.82 4.85 -1.62 | 54.43 2.30 -0.68 | 45.72 2.20 -0.06 | 41.13 2.18 0.00 | 49.79 2.80 0.00 |
| HOLTSVILLE_IC_10 23699 | 47.71 3.29 0.00 | 47.38 2.93 0.00 | 42.66 2.53 -0.55 | 41.20 2.31 0.00 | 42.91 2.62 0.00 | 42.69 2.50 0.00 | 48.10 2.44 0.00 | 50.06 2.11 0.00 | 50.13 1.80 0.00 | 54.17 1.52 0.00 | 59.13 2.36 -2.12 | 58.66 2.53 0.00 | 56.48 2.86 0.00 | 64.52 3.13 0.00 | 59.34 2.81 0.00 | 59.29 2.31 0.00 | 230.89 10.15 -3.07 | 70.59 3.49 -0.19 | 65.86 3.84 -0.53 | 114.24 5.50 -1.39 | 54.71 2.58 -0.68 | 45.95 2.43 -0.06 | 41.32 2.37 0.00 | 50.01 3.03 0.00 |
| HOLTSVILLE_IC_2 23691 | 47.47 3.05 0.00 | 47.16 2.71 0.00 | 42.47 2.35 -0.55 | 41.01 2.12 0.00 | 42.71 2.42 0.00 | 42.49 2.30 0.00 | 47.85 2.20 0.00 | 49.80 1.84 0.00 | 49.88 1.56 0.00 | 53.90 1.25 0.00 | 59.33 2.09 -2.60 | 58.39 2.26 0.00 | 56.24 2.62 0.00 | 64.18 2.78 0.00 | 59.03 2.49 0.00 | 59.00 2.01 0.00 | 230.25 8.81 -3.76 | 70.24 3.09 -0.24 | 65.57 3.43 -0.65 | 113.82 4.85 -1.62 | 54.43 2.30 -0.68 | 45.72 2.20 -0.06 | 41.13 2.18 0.00 | 49.79 2.80 0.00 |
| HOLTSVILLE_IC_3 23692 | 47.47 3.05 0.00 | 47.16 2.71 0.00 | 42.47 2.35 -0.55 | 41.01 2.12 0.00 | 42.71 2.42 0.00 | 42.49 2.30 0.00 | 47.85 2.20 0.00 | 49.80 1.84 0.00 | 49.88 1.56 0.00 | 53.90 1.25 0.00 | 59.33 2.09 -2.60 | 58.39 2.26 0.00 | 56.24 2.62 0.00 | 64.18 2.78 0.00 | 59.03 2.49 0.00 | 59.00 2.01 0.00 | 230.25 8.81 -3.76 | 70.24 3.09 -0.24 | 65.57 3.43 -0.65 | 113.82 4.85 -1.62 | 54.43 2.30 -0.68 | 45.72 2.20 -0.06 | 41.13 2.18 0.00 | 49.79 2.80 0.00 |
| HOLTSVILLE_IC_4 23693 | 47.47 3.05 0.00 | 47.16 2.71 0.00 | 42.47 2.35 -0.55 | 41.01 2.12 0.00 | 42.71 2.42 0.00 | 42.49 2.30 0.00 | 47.85 2.20 0.00 | 49.80 1.84 0.00 | 49.88 1.56 0.00 | 53.90 1.25 0.00 | 59.33 2.09 -2.60 | 58.39 2.26 0.00 | 56.24 2.62 0.00 | 64.18 2.78 0.00 | 59.03 2.49 0.00 | 59.00 2.01 0.00 | 230.25 8.81 -3.76 | 70.24 3.09 -0.24 | 65.57 3.43 -0.65 | 113.82 4.85 -1.62 | 54.43 2.30 -0.68 | 45.72 2.20 -0.06 | 41.13 2.18 0.00 | 49.79 2.80 0.00 |
| HOLTSVILLE_IC_5 23694 | 47.47 3.05 0.00 | 47.16 2.71 0.00 | 42.47 2.35 -0.55 | 41.01 2.12 0.00 | 42.71 2.42 0.00 | 42.49 2.30 0.00 | 47.85 2.20 0.00 | 49.80 1.84 0.00 | 49.88 1.56 0.00 | 53.90 1.25 0.00 | 59.33 2.09 -2.60 | 58.39 2.26 0.00 | 56.24 2.62 0.00 | 64.18 2.78 0.00 | 59.03 2.49 0.00 | 59.00 2.01 0.00 | 230.25 8.81 -3.76 | 70.24 3.09 -0.24 | 65.57 3.43 -0.65 | 113.82 4.85 -1.62 | 54.43 2.30 -0.68 | 45.72 2.20 -0.06 | 41.13 2.18 0.00 | 49.79 2.80 0.00 |
| HOLTSVILLE_IC_6 23695 | 47.71 3.29 0.00 | 47.38 2.93 0.00 | 42.66 2.53 -0.55 | 41.20 2.31 0.00 | 42.91 2.62 0.00 | 42.69 2.50 0.00 | 48.10 2.44 0.00 | 50.06 2.11 0.00 | 50.13 1.80 0.00 | 54.17 1.52 0.00 | 59.13 2.36 -2.12 | 58.66 2.53 0.00 | 56.48 2.86 0.00 | 64.52 3.13 0.00 | 59.34 2.81 0.00 | 59.29 2.31 0.00 | 230.89 10.15 -3.07 | 70.59 3.49 -0.19 | 65.86 3.84 -0.53 | 114.24 5.50 -1.39 | 54.71 2.58 -0.68 | 45.95 2.43 -0.06 | 41.32 2.37 0.00 | 50.01 3.03 0.00 |
| HOLTSVILLE_IC_7 23696 | 47.71 3.29 0.00 | 47.38 2.93 0.00 | 42.66 2.53 -0.55 | 41.20 2.31 0.00 | 42.91 2.62 0.00 | 42.69 2.50 0.00 | 48.10 2.44 0.00 | 50.06 2.11 0.00 | 50.13 1.80 0.00 | 54.17 1.52 0.00 | 59.13 2.36 -2.12 | 58.66 2.53 0.00 | 56.48 2.86 0.00 | 64.52 3.13 0.00 | 59.34 2.81 0.00 | 59.29 2.31 0.00 | 230.89 10.15 -3.07 | 70.59 3.49 -0.19 | 65.86 3.84 -0.53 | 114.24 5.50 -1.39 | 54.71 2.58 -0.68 | 45.95 2.43 -0.06 | 41.32 2.37 0.00 | 50.01 3.03 0.00 |
| HOLTSVILLE_IC_8 23697 | 47.71 3.29 0.00 | 47.38 2.93 0.00 | 42.66 2.53 -0.55 | 41.20 2.31 0.00 | 42.91 2.62 0.00 | 42.69 2.50 0.00 | 48.10 2.44 0.00 | 50.06 2.11 0.00 | 50.13 1.80 0.00 | 54.17 1.52 0.00 | 59.13 2.36 -2.12 | 58.66 2.53 0.00 | 56.48 2.86 0.00 | 64.52 3.13 0.00 | 59.34 2.81 0.00 | 59.29 2.31 0.00 | 230.89 10.15 -3.07 | 70.59 3.49 -0.19 | 65.86 3.84 -0.53 | 114.24 5.50 -1.39 | 54.71 2.58 -0.68 | 45.95 2.43 -0.06 | 41.32 2.37 0.00 | 50.01 3.03 0.00 |
| HOLTSVILLE_IC_9 23698 | 47.71 3.29 0.00 | 47.38 2.93 0.00 | 42.66 2.53 -0.55 | 41.20 2.31 0.00 | 42.91 2.62 0.00 | 42.69 2.50 0.00 | 48.10 2.44 0.00 | 50.06 2.11 0.00 | 50.13 1.80 0.00 | 54.17 1.52 0.00 | 59.13 2.36 -2.12 | 58.66 2.53 0.00 | 56.48 2.86 0.00 | 64.52 3.13 0.00 | 59.34 2.81 0.00 | 59.29 2.31 0.00 | 230.89 10.15 -3.07 | 70.59 3.49 -0.19 | 65.86 3.84 -0.53 | 114.24 5.50 -1.39 | 54.71 2.58 -0.68 | 45.95 2.43 -0.06 | 41.32 2.37 0.00 | 50.01 3.03 0.00 |
| HOMER_HL_115KV_TB2 355744 | 43.62 -0.80 0.00 | 43.96 -0.49 0.00 | 38.79 -0.89 -0.11 | 38.27 -0.62 0.00 | 39.76 -0.53 0.00 | 39.46 -0.74 0.00 | 44.75 -0.90 0.00 | 46.35 -1.61 0.00 | 47.24 -1.08 0.00 | 51.85 -0.80 0.00 | 54.23 -0.41 0.00 | 55.44 -0.69 0.00 | 52.43 -1.19 0.00 | 60.45 -0.95 0.00 | 55.09 -1.44 0.00 | 55.39 -1.59 0.00 | 209.88 -7.80 0.00 | 64.25 -2.66 0.00 | 59.10 -2.39 0.00 | 103.55 -3.86 -0.07 | 49.20 -2.37 -0.13 | 41.60 -1.88 -0.01 | 37.50 -1.45 0.00 | 45.77 -1.21 0.00 |
| HOWARD_WT_PWR 323690 | 41.81 -2.62 0.00 | 42.11 -2.33 0.00 | 37.35 -2.35 -0.13 | 36.82 -2.06 0.00 | 38.80 -1.49 0.00 | 39.06 -1.14 0.00 | 44.13 -1.53 0.00 | 45.67 -2.29 0.00 | 47.01 -1.31 0.00 | 51.69 -0.96 0.00 | 53.68 -0.97 0.00 | 54.75 -1.38 0.00 | 52.21 -1.41 0.00 | 60.06 -1.33 0.00 | 54.00 -2.53 0.00 | 54.13 -2.86 0.00 | 205.68 -12.00 0.00 | 62.88 -4.04 0.00 | 57.43 -4.06 0.00 | 100.72 -6.70 -0.08 | 48.07 -3.53 -0.15 | 40.63 -2.85 -0.01 | 36.52 -2.43 0.00 | 44.40 -2.58 0.00 |
| HQ_GEN_CEDARS 23644 | 43.90 -0.52 0.00 | 43.97 -0.47 0.00 | 39.20 -0.37 0.00 | 38.37 -0.52 0.00 | 39.85 -0.44 0.00 | 40.65 0.46 0.00 | 46.45 0.80 0.00 | 48.69 0.74 0.00 | 49.58 1.25 0.00 | 54.23 1.58 0.00 | 56.81 2.16 0.00 | 59.36 3.23 0.00 | 56.35 2.73 0.00 | 64.22 2.83 0.00 | 58.92 2.38 0.00 | 58.95 1.96 0.00 | 219.38 1.71 0.00 | 68.28 1.37 0.00 | 62.85 1.36 0.00 | 109.84 2.50 0.00 | 52.48 1.05 0.00 | 44.09 0.64 0.00 | 39.85 0.90 0.00 | 47.81 0.83 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 43.90 -0.52 0.00 | 43.98 -0.47 0.00 | 39.21 -0.37 0.00 | 38.37 -0.51 0.00 | 38.06 -0.44 1.80 | 40.12 0.46 0.53 | 46.45 0.79 0.00 | 48.69 0.73 0.00 | 49.57 1.25 0.00 | 54.23 1.58 0.00 | 56.81 2.16 0.00 | 59.35 3.23 0.00 | 56.35 2.72 0.00 | 64.22 2.83 0.00 | 58.92 2.38 0.00 | 58.95 1.96 0.00 | 219.61 1.93 0.00 | 68.28 1.37 0.00 | 62.85 1.36 0.00 | 109.84 2.50 0.00 | 52.49 1.05 0.00 | 41.61 0.63 2.49 | 39.85 0.90 0.00 | 47.81 0.83 0.00 |

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|-------------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| HQ_GEN_IMPORT 323601 | 44.43 0.00 0.00 | 44.44 0.00 0.00 | 39.57 0.00 0.00 | 38.89 0.00 0.00 | 40.29 0.00 0.00 | 40.20 0.00 0.00 | 45.66 0.00 0.00 | 47.95 0.00 0.00 | 48.32 0.00 0.00 | 52.65 0.00 0.00 | 54.65 0.00 0.00 | 56.13 0.00 0.00 | 53.62 0.00 0.00 | 61.39 0.00 0.00 | 56.53 0.00 0.00 | 56.98 0.00 0.00 | 198.95 0.00 18.73 | 66.91 0.00 0.00 | 61.49 0.00 0.00 | 107.34 0.00 0.00 | 51.44 0.00 0.00 | 43.46 0.00 0.00 | 38.95 0.00 0.00 | 46.98 0.00 0.00 |
| HQ_GEN_WHEEL 23651 | 44.43 0.00 0.00 | 44.44 0.00 0.00 | 39.57 0.00 0.00 | 38.89 0.00 0.00 | 40.29 0.00 0.00 | 40.20 0.00 0.00 | 45.66 0.00 0.00 | 47.95 0.00 0.00 | 48.32 0.00 0.00 | 52.65 0.00 0.00 | 54.65 0.00 0.00 | 56.13 0.00 0.00 | 53.62 0.00 0.00 | 61.39 0.00 0.00 | 56.53 0.00 0.00 | 56.98 0.00 0.00 | 198.95 0.00 18.73 | 66.91 0.00 0.00 | 61.49 0.00 0.00 | 107.34 0.00 0.00 | 51.44 0.00 0.00 | 43.46 0.00 0.00 | 38.95 0.00 0.00 | 46.98 0.00 0.00 |
| HUDSON AVE_GT_3 23810 | 46.69 2.26 0.00 | 46.53 2.08 0.00 | 41.91 1.79 -0.55 | 40.55 1.66 0.00 | 41.99 1.71 0.00 | 41.93 1.74 0.00 | 47.79 2.13 0.00 | 50.35 2.39 0.00 | 50.66 2.33 0.00 | 59.74 2.64 -4.44 | 67.83 2.72 -10.46 | 148.97 2.91 -89.92 | 117.42 2.93 -60.87 | 65.94 3.26 -1.29 | 61.17 2.96 -1.68 | 61.26 3.01 -1.27 | 230.32 12.64 0.00 | 70.88 3.97 0.00 | 65.12 3.63 0.00 | 113.60 5.92 -0.34 | 56.22 3.04 -1.74 | 46.29 2.50 -0.33 | 41.10 2.15 0.00 | 49.61 2.62 0.00 |
| HUDSON AVE_GT_4 23540 | 46.69 2.26 0.00 | 46.53 2.08 0.00 | 41.91 1.79 -0.55 | 40.55 1.66 0.00 | 41.99 1.71 0.00 | 41.93 1.74 0.00 | 47.79 2.13 0.00 | 50.35 2.39 0.00 | 50.66 2.33 0.00 | 59.74 2.64 -4.44 | 67.83 2.72 -10.46 | 148.97 2.91 -89.92 | 117.42 2.93 -60.87 | 65.94 3.26 -1.29 | 61.17 2.96 -1.68 | 61.26 3.01 -1.27 | 230.32 12.64 0.00 | 70.88 3.97 0.00 | 65.12 3.63 0.00 | 113.60 5.92 -0.34 | 56.22 3.04 -1.74 | 46.29 2.50 -0.33 | 41.10 2.15 0.00 | 49.61 2.62 0.00 |
| HUDSON AVE_GT_5 23657 | 46.69 2.26 0.00 | 46.53 2.08 0.00 | 41.91 1.79 -0.55 | 40.55 1.66 0.00 | 41.99 1.71 0.00 | 41.93 1.74 0.00 | 47.79 2.13 0.00 | 50.35 2.39 0.00 | 50.66 2.33 0.00 | 59.74 2.64 -4.44 | 67.83 2.72 -10.46 | 148.97 2.91 -89.92 | 117.42 2.93 -60.87 | 65.94 3.26 -1.29 | 61.17 2.96 -1.68 | 61.26 3.01 -1.27 | 230.32 12.64 0.00 | 70.88 3.97 0.00 | 65.12 3.63 0.00 | 113.60 5.92 -0.34 | 56.22 3.04 -1.74 | 46.29 2.50 -0.33 | 41.10 2.15 0.00 | 49.61 2.62 0.00 |
| HUDSON_AVE_10 24168 | 46.58 2.15 0.00 | 46.41 1.97 0.00 | 41.79 1.66 -0.55 | 40.42 1.54 0.00 | 41.86 1.57 0.00 | 41.80 1.60 0.00 | 47.65 1.99 0.00 | 50.22 2.26 0.00 | 50.57 2.25 0.00 | 59.71 2.62 -4.44 | 67.79 2.68 -10.46 | 149.01 2.95 -89.92 | 117.47 2.97 -60.87 | 65.94 3.26 -1.29 | 61.16 2.94 -1.68 | 61.26 3.01 -1.27 | 230.19 12.52 0.00 | 70.75 3.84 0.00 | 64.98 3.49 0.00 | 113.34 5.65 -0.34 | 56.09 2.91 -1.74 | 46.19 2.40 -0.33 | 41.00 2.05 0.00 | 49.44 2.45 0.00 |
| HUDSON___115KV_TB 4 355613 | 46.58 2.15 0.00 | 46.57 2.12 0.00 | 42.19 1.96 -0.66 | 40.78 1.90 0.00 | 42.23 1.94 0.00 | 42.09 1.90 0.00 | 47.81 2.15 0.00 | 50.37 2.41 0.00 | 50.62 2.30 0.00 | 55.04 2.39 0.00 | 56.93 2.28 0.00 | 58.45 2.33 0.00 | 55.92 2.30 0.00 | 64.08 2.69 0.00 | 59.15 2.62 0.00 | 59.67 2.68 0.00 | 227.56 9.88 0.00 | 70.33 3.42 0.00 | 64.62 3.13 0.00 | 113.13 5.37 -0.41 | 54.86 2.61 -0.81 | 45.69 2.16 -0.07 | 40.82 1.87 0.00 | 49.16 2.17 0.00 |
| HUNTER MOUNT___DRP 323613 | 46.78 2.35 0.00 | 46.77 2.33 0.00 | 42.35 2.13 -0.64 | 40.98 2.09 0.00 | 42.42 2.13 0.00 | 42.29 2.10 0.00 | 48.07 2.41 0.00 | 50.65 2.70 0.00 | 50.93 2.61 0.00 | 55.38 2.73 0.00 | 57.25 2.60 0.00 | 58.79 2.66 0.00 | 56.19 2.57 0.00 | 64.42 3.03 0.00 | 59.51 2.98 0.00 | 60.01 3.03 0.00 | 228.20 10.53 0.00 | 70.72 3.81 0.00 | 64.98 3.49 0.00 | 113.75 6.01 -0.40 | 55.10 2.87 -0.79 | 45.89 2.36 -0.07 | 41.00 2.05 0.00 | 49.34 2.35 0.00 |
| HUNTINGTON_RES_REC 323705 | 47.38 2.95 0.00 | 47.06 2.62 0.00 | 42.38 2.25 -0.55 | 40.92 2.03 0.00 | 42.64 2.35 0.00 | 42.50 2.30 0.00 | 47.86 2.20 0.00 | 49.83 1.88 0.00 | 49.94 1.62 0.00 | 54.00 1.35 0.00 | 56.32 2.21 0.54 | 58.58 2.45 0.00 | 56.50 2.88 0.00 | 64.30 2.91 0.00 | 59.09 2.55 0.00 | 59.17 2.19 0.00 | 225.93 9.04 0.78 | 70.06 3.19 0.05 | 64.85 3.49 0.14 | 112.42 5.01 -0.06 | 54.60 2.48 -0.68 | 45.81 2.29 -0.06 | 41.20 2.25 0.00 | 49.81 2.82 0.00 |
| HUNTLEY___63 23557 | 43.98 -0.45 0.00 | 44.26 -0.18 0.00 | 39.12 -0.54 -0.09 | 38.57 -0.31 0.00 | 40.10 -0.19 0.00 | 39.81 -0.39 0.00 | 44.64 -1.02 0.00 | 46.19 -1.77 0.00 | 46.99 -1.33 0.00 | 51.80 -0.85 0.00 | 54.41 -0.24 0.00 | 55.28 -0.85 0.00 | 52.01 -1.61 0.00 | 59.80 -1.59 0.00 | 54.64 -1.89 0.00 | 54.87 -2.12 0.00 | 207.18 -10.50 0.00 | 63.83 -3.08 0.00 | 58.65 -2.85 0.00 | 102.48 -4.92 -0.05 | 48.67 -2.88 -0.11 | 41.26 -2.21 -0.01 | 37.36 -1.59 0.00 | 45.38 -1.61 0.00 |
| HUNTLEY___64 23558 | 43.98 -0.45 0.00 | 44.26 -0.18 0.00 | 39.12 -0.54 -0.09 | 38.57 -0.31 0.00 | 40.10 -0.19 0.00 | 39.81 -0.39 0.00 | 44.64 -1.02 0.00 | 46.19 -1.77 0.00 | 46.99 -1.33 0.00 | 51.80 -0.85 0.00 | 54.41 -0.24 0.00 | 55.28 -0.85 0.00 | 52.01 -1.61 0.00 | 59.80 -1.59 0.00 | 54.64 -1.89 0.00 | 54.87 -2.12 0.00 | 207.18 -10.50 0.00 | 63.83 -3.08 0.00 | 58.65 -2.85 0.00 | 102.48 -4.92 -0.05 | 48.67 -2.88 -0.11 | 41.26 -2.21 -0.01 | 37.36 -1.59 0.00 | 45.38 -1.61 0.00 |
| HUNTLEY___65 23559 | 43.98 -0.45 0.00 | 44.26 -0.18 0.00 | 39.12 -0.54 -0.09 | 38.57 -0.31 0.00 | 40.10 -0.19 0.00 | 39.81 -0.39 0.00 | 44.64 -1.02 0.00 | 46.19 -1.77 0.00 | 46.99 -1.33 0.00 | 51.80 -0.85 0.00 | 54.41 -0.24 0.00 | 55.28 -0.85 0.00 | 52.01 -1.61 0.00 | 59.80 -1.59 0.00 | 54.64 -1.89 0.00 | 54.87 -2.12 0.00 | 207.18 -10.50 0.00 | 63.83 -3.08 0.00 | 58.65 -2.85 0.00 | 102.48 -4.92 -0.05 | 48.67 -2.88 -0.11 | 41.26 -2.21 -0.01 | 37.36 -1.59 0.00 | 45.38 -1.61 0.00 |
| HUNTLEY___66 23560 | 43.98 -0.45 0.00 | 44.26 -0.18 0.00 | 39.12 -0.54 -0.09 | 38.57 -0.31 0.00 | 40.10 -0.19 0.00 | 39.81 -0.39 0.00 | 44.64 -1.02 0.00 | 46.19 -1.77 0.00 | 46.99 -1.33 0.00 | 51.80 -0.85 0.00 | 54.41 -0.24 0.00 | 55.28 -0.85 0.00 | 52.01 -1.61 0.00 | 59.80 -1.59 0.00 | 54.64 -1.89 0.00 | 54.87 -2.12 0.00 | 207.18 -10.50 0.00 | 63.83 -3.08 0.00 | 58.65 -2.85 0.00 | 102.48 -4.92 -0.05 | 48.67 -2.88 -0.11 | 41.26 -2.21 -0.01 | 37.36 -1.59 0.00 | 45.38 -1.61 0.00 |
| HUNTLEY___67 23561 | 43.59 -0.83 0.00 | 43.86 -0.58 0.00 | 38.79 -0.87 -0.09 | 38.26 -0.63 0.00 | 39.77 -0.52 0.00 | 39.51 -0.69 0.00 | 44.39 -1.27 0.00 | 45.92 -2.04 0.00 | 46.78 -1.54 0.00 | 51.53 -1.12 0.00 | 54.10 -0.55 0.00 | 54.94 -1.19 0.00 | 51.74 -1.87 0.00 | 59.50 -1.90 0.00 | 54.36 -2.17 0.00 | 54.56 -2.42 0.00 | 206.39 -11.29 0.00 | 63.53 -3.38 0.00 | 58.39 -3.11 0.00 | 102.07 -5.34 -0.06 | 48.49 -3.05 -0.11 | 41.09 -2.38 -0.01 | 37.14 -1.81 0.00 | 45.12 -1.86 0.00 |
| HUNTLEY___68 23562 | 43.59 -0.83 0.00 | 43.86 -0.58 0.00 | 38.79 -0.87 -0.09 | 38.26 -0.63 0.00 | 39.77 -0.52 0.00 | 39.51 -0.69 0.00 | 44.39 -1.27 0.00 | 45.92 -2.04 0.00 | 46.78 -1.54 0.00 | 51.53 -1.12 0.00 | 54.10 -0.55 0.00 | 54.94 -1.19 0.00 | 51.74 -1.87 0.00 | 59.50 -1.90 0.00 | 54.36 -2.17 0.00 | 54.56 -2.42 0.00 | 206.39 -11.29 0.00 | 63.53 -3.38 0.00 | 58.39 -3.11 0.00 | 102.07 -5.34 -0.06 | 48.49 -3.05 -0.11 | 41.09 -2.38 -0.01 | 37.14 -1.81 0.00 | 45.12 -1.86 0.00 |

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|------------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| HYLAND___LFGE 323620 | 45.46 1.03 0.00 | 45.52 1.08 0.00 | 40.41 0.74 -0.10 | 39.81 0.93 0.00 | 41.53 1.24 0.00 | 41.66 1.47 0.00 | 47.42 1.77 0.00 | 49.37 1.42 0.00 | 50.16 1.84 0.00 | 54.63 1.99 0.00 | 56.77 2.12 0.00 | 57.66 1.53 0.00 | 54.98 1.36 0.00 | 63.50 2.11 0.00 | 57.95 1.41 0.00 | 58.35 1.37 0.00 | 222.07 4.39 0.00 | 68.51 1.60 0.00 | 62.90 1.40 0.00 | 109.97 2.56 -0.06 | 52.31 0.75 -0.12 | 44.06 0.59 -0.01 | 39.50 0.55 0.00 | 47.72 0.74 0.00 |
| INDECK___CORINTH 23802 | 47.91 3.48 0.00 | 47.86 3.42 0.00 | 43.29 3.01 -0.70 | 41.83 2.94 0.00 | 42.99 2.70 0.00 | 42.32 2.13 0.00 | 48.08 2.43 0.00 | 50.46 2.51 0.00 | 50.68 2.36 0.00 | 54.98 2.34 0.00 | 56.88 2.23 0.00 | 58.37 2.24 0.00 | 55.64 2.02 0.00 | 63.64 2.25 0.00 | 59.05 2.51 0.00 | 59.63 2.65 0.00 | 228.33 10.65 0.00 | 70.24 3.32 0.00 | 64.66 3.16 0.00 | 113.11 5.33 -0.43 | 55.02 2.72 -0.87 | 45.67 2.13 -0.08 | 40.79 1.84 0.00 | 49.17 2.19 -0.01 |
| INDECK___ILION 23567 | 46.17 1.74 0.00 | 46.16 1.71 0.00 | 41.10 1.53 0.00 | 40.40 1.51 0.00 | 41.86 1.58 0.00 | 41.76 1.56 0.00 | 47.43 1.77 0.00 | 49.83 1.88 0.00 | 50.00 1.68 0.00 | 54.42 1.77 0.00 | 56.46 1.81 0.00 | 57.74 1.61 0.00 | 55.03 1.40 0.00 | 63.24 1.84 0.00 | 58.41 1.87 0.00 | 58.96 1.97 0.00 | 225.49 7.81 0.00 | 69.23 2.32 0.00 | 63.67 2.17 0.00 | 111.18 3.83 0.00 | 53.34 1.90 0.00 | 45.12 1.67 0.00 | 40.39 1.44 0.00 | 48.68 1.70 0.00 |
| INDECK___OLEAN 23982 | 43.62 -0.80 0.00 | 43.95 -0.49 0.00 | 38.79 -0.89 -0.11 | 38.27 -0.62 0.00 | 39.75 -0.54 0.00 | 39.46 -0.74 0.00 | 44.75 -0.90 0.00 | 46.35 -1.60 0.00 | 47.24 -1.08 0.00 | 51.86 -0.79 0.00 | 54.24 -0.41 0.00 | 55.44 -0.69 0.00 | 52.42 -1.20 0.00 | 60.46 -0.94 0.00 | 55.09 -1.45 0.00 | 55.39 -1.59 0.00 | 209.28 -8.40 0.00 | 64.25 -2.66 0.00 | 59.09 -2.40 0.00 | 103.55 -3.86 -0.07 | 49.18 -2.39 -0.13 | 41.59 -1.89 -0.01 | 37.48 -1.47 0.00 | 45.76 -1.23 0.00 |
| INDECK___OSWEGO 23783 | 42.94 -1.48 0.00 | 42.97 -1.47 0.00 | 38.25 -1.37 -0.04 | 37.58 -1.31 0.00 | 38.97 -1.31 0.00 | 38.91 -1.28 0.00 | 44.21 -1.45 0.00 | 46.54 -1.42 0.00 | 46.94 -1.38 0.00 | 51.11 -1.54 0.00 | 53.15 -1.50 0.00 | 54.47 -1.66 0.00 | 51.99 -1.63 0.00 | 59.57 -1.82 0.00 | 54.86 -1.67 0.00 | 55.20 -1.78 0.00 | 210.71 -6.97 0.00 | 64.81 -2.10 0.00 | 59.48 -2.01 0.00 | 103.82 -3.55 -0.03 | 49.74 -1.75 -0.06 | 42.03 -1.44 0.00 | 37.66 -1.29 0.00 | 45.38 -1.61 0.00 |
| INDECK___YERKES 23781 | 44.02 -0.41 0.00 | 44.31 -0.14 0.00 | 39.16 -0.50 -0.09 | 38.61 -0.28 0.00 | 40.13 -0.16 0.00 | 39.84 -0.35 0.00 | 44.68 -0.98 0.00 | 46.24 -1.72 0.00 | 47.04 -1.28 0.00 | 51.86 -0.79 0.00 | 54.46 -0.19 0.00 | 55.34 -0.79 0.00 | 52.07 -1.55 0.00 | 59.86 -1.53 0.00 | 54.69 -1.85 0.00 | 54.92 -2.06 0.00 | 206.72 -10.95 0.00 | 63.88 -3.03 0.00 | 58.70 -2.79 0.00 | 102.57 -4.83 -0.05 | 48.70 -2.84 -0.11 | 41.30 -2.17 -0.01 | 37.37 -1.58 0.00 | 45.40 -1.58 0.00 |
| INDIAN POINT_GT_1 24139 | 46.38 1.96 0.00 | 46.29 1.85 0.00 | 41.70 1.58 -0.55 | 40.36 1.48 0.00 | 41.80 1.51 0.00 | 41.71 1.51 0.00 | 47.48 1.82 0.00 | 49.96 2.01 0.00 | 50.19 1.86 0.00 | 54.71 2.06 0.00 | 56.73 2.08 0.00 | 58.37 2.24 0.00 | 55.94 2.32 0.00 | 63.96 2.57 0.00 | 58.86 2.32 0.00 | 59.39 2.40 0.00 | 228.25 10.57 0.00 | 70.24 3.32 0.00 | 64.51 3.02 0.00 | 112.54 4.86 -0.34 | 54.61 2.49 -0.68 | 45.57 2.05 -0.06 | 40.73 1.78 0.00 | 49.20 2.21 0.00 |
| INDIAN POINT_GT_2 23659 | 46.38 1.96 0.00 | 46.29 1.85 0.00 | 41.70 1.58 -0.55 | 40.36 1.48 0.00 | 41.80 1.51 0.00 | 41.71 1.51 0.00 | 47.48 1.82 0.00 | 49.96 2.01 0.00 | 50.19 1.86 0.00 | 54.71 2.06 0.00 | 56.73 2.08 0.00 | 58.37 2.24 0.00 | 55.94 2.32 0.00 | 63.96 2.57 0.00 | 58.86 2.32 0.00 | 59.39 2.40 0.00 | 228.25 10.57 0.00 | 70.24 3.32 0.00 | 64.51 3.02 0.00 | 112.54 4.86 -0.34 | 54.61 2.49 -0.68 | 45.57 2.05 -0.06 | 40.73 1.78 0.00 | 49.20 2.21 0.00 |
| INDIAN POINT_GT_3 24019 | 46.38 1.96 0.00 | 46.29 1.85 0.00 | 41.70 1.58 -0.55 | 40.36 1.48 0.00 | 41.80 1.51 0.00 | 41.71 1.51 0.00 | 47.48 1.82 0.00 | 49.96 2.01 0.00 | 50.19 1.86 0.00 | 54.71 2.06 0.00 | 56.73 2.08 0.00 | 58.37 2.24 0.00 | 55.94 2.32 0.00 | 63.96 2.57 0.00 | 58.86 2.32 0.00 | 59.39 2.40 0.00 | 228.25 10.57 0.00 | 70.24 3.32 0.00 | 64.51 3.02 0.00 | 112.54 4.86 -0.34 | 54.61 2.49 -0.68 | 45.57 2.05 -0.06 | 40.73 1.78 0.00 | 49.20 2.21 0.00 |
| INDIAN POINT___2 23530 | 46.31 1.88 0.00 | 46.20 1.76 0.00 | 41.61 1.50 -0.54 | 40.29 1.40 0.00 | 41.72 1.43 0.00 | 41.63 1.43 0.00 | 47.38 1.73 0.00 | 49.88 1.93 0.00 | 50.08 1.75 0.00 | 54.60 1.95 0.00 | 56.62 1.97 0.00 | 58.26 2.13 0.00 | 55.83 2.21 0.00 | 63.83 2.44 0.00 | 58.74 2.21 0.00 | 59.26 2.28 0.00 | 227.98 10.30 0.00 | 70.15 3.24 0.00 | 64.42 2.93 0.00 | 112.38 4.70 -0.33 | 54.51 2.40 -0.67 | 45.50 1.98 -0.06 | 40.68 1.73 0.00 | 49.12 2.14 0.00 |
| INDIAN POINT___3 23531 | 46.32 1.89 0.00 | 46.23 1.78 0.00 | 41.64 1.52 -0.55 | 40.31 1.42 0.00 | 41.74 1.45 0.00 | 41.63 1.44 0.00 | 47.39 1.73 0.00 | 49.87 1.92 0.00 | 50.09 1.77 0.00 | 54.60 1.95 0.00 | 56.62 1.98 0.00 | 58.26 2.13 0.00 | 55.83 2.21 0.00 | 63.83 2.44 0.00 | 58.74 2.21 0.00 | 59.27 2.29 0.00 | 227.91 10.24 0.00 | 70.16 3.25 0.00 | 64.44 2.94 0.00 | 112.40 4.71 -0.34 | 54.53 2.42 -0.68 | 45.51 1.99 -0.06 | 40.67 1.72 0.00 | 49.12 2.14 0.00 |
| INGHAM_C_115KV_TB7 356103 | 48.34 3.92 0.00 | 48.31 3.87 0.00 | 43.00 3.43 0.00 | 42.29 3.40 0.00 | 43.81 3.52 0.00 | 43.64 3.44 0.00 | 49.54 3.88 0.00 | 52.07 4.11 0.00 | 52.00 3.68 0.00 | 56.51 3.87 0.00 | 58.55 3.90 0.00 | 59.53 3.40 0.00 | 56.56 2.93 0.00 | 65.36 3.96 0.00 | 60.62 4.09 0.00 | 61.32 4.33 0.00 | 234.96 17.28 0.00 | 72.10 5.19 0.00 | 66.34 4.84 0.00 | 115.92 8.57 0.00 | 55.61 4.18 0.00 | 47.16 3.70 0.00 | 42.13 3.18 0.00 | 50.72 3.74 0.00 |
| IP CORINTH___1 23988 | 47.90 3.48 0.00 | 47.86 3.42 0.00 | 43.29 3.01 -0.70 | 41.83 2.94 0.00 | 43.06 2.77 0.00 | 42.52 2.32 0.00 | 48.34 2.68 0.00 | 50.74 2.78 0.00 | 50.97 2.65 0.00 | 55.30 2.65 0.00 | 57.20 2.55 0.00 | 58.68 2.55 0.00 | 55.96 2.34 0.00 | 64.01 2.62 0.00 | 59.36 2.83 0.00 | 59.96 2.97 0.00 | 229.62 11.95 0.00 | 70.63 3.72 0.00 | 65.02 3.52 0.00 | 113.75 5.97 -0.43 | 55.29 2.98 -0.87 | 45.90 2.36 -0.08 | 40.99 2.05 0.00 | 49.42 2.43 -0.01 |
| IP___TICONDEROGA 23804 | 50.21 5.79 0.00 | 50.08 5.64 0.00 | 45.20 4.93 -0.70 | 43.76 4.87 0.00 | 45.28 5.00 0.00 | 45.09 4.89 0.00 | 51.47 5.82 0.00 | 53.88 5.93 0.00 | 54.09 5.77 0.00 | 58.37 5.72 0.00 | 59.91 5.26 0.00 | 61.42 5.29 0.00 | 58.61 4.99 0.00 | 67.30 5.91 0.00 | 62.86 6.33 0.00 | 63.84 6.85 0.00 | 244.95 27.27 0.00 | 75.10 8.19 0.00 | 69.37 7.87 0.00 | 121.15 13.37 -0.43 | 58.49 6.19 -0.86 | 48.49 4.95 -0.08 | 43.30 4.35 0.00 | 52.36 5.37 -0.01 |
| ISLIP_RES_REC 323679 | 47.89 3.47 0.00 | 47.55 3.11 0.00 | 42.81 2.68 -0.55 | 41.34 2.45 0.00 | 43.06 2.77 0.00 | 42.87 2.68 0.00 | 48.32 2.66 0.00 | 50.30 2.35 0.00 | 50.36 2.04 0.00 | 54.41 1.76 0.00 | 59.32 2.62 -2.05 | 58.93 2.80 0.00 | 56.75 3.13 0.00 | 64.84 3.45 0.00 | 59.66 3.13 0.00 | 59.61 2.62 0.00 | 232.10 11.46 -2.97 | 70.98 3.88 -0.19 | 66.21 4.20 -0.51 | 114.83 6.13 -1.35 | 54.97 2.85 -0.68 | 46.15 2.63 -0.06 | 41.48 2.53 0.00 | 50.19 3.20 0.00 |

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| JAMAICA__27_KV_LOAD 355505 | 46.64 2.22 0.00 | 46.47 2.03 0.00 | 41.85 1.72 -0.55 | 40.45 1.57 0.00 | 41.83 1.55 0.00 | 41.79 1.60 0.00 | 47.74 2.08 0.00 | 50.35 2.39 0.00 | 50.80 2.48 0.00 | 59.93 2.84 -4.44 | 67.72 2.62 -10.46 | 149.13 3.08 -89.92 | 117.59 3.10 -60.87 | 66.24 3.56 -1.29 | 61.48 3.27 -1.68 | 61.59 3.33 -1.27 | 231.40 13.72 0.00 | 70.95 4.04 0.00 | 65.21 3.72 0.00 | 113.84 6.15 -0.34 | 56.31 3.13 -1.74 | 46.34 2.55 -0.33 | 41.09 2.13 0.00 | 49.43 2.45 0.00 |
| JANIS__SOLAR 323808 | 45.29 0.87 0.00 | 45.29 0.85 0.00 | 40.35 0.62 -0.16 | 39.48 0.59 0.00 | 41.10 0.81 0.00 | 41.10 0.90 0.00 | 47.07 1.42 0.00 | 49.60 1.65 0.00 | 49.86 1.54 0.00 | 53.98 1.33 0.00 | 55.80 1.15 0.00 | 56.99 0.86 0.00 | 54.30 0.68 0.00 | 62.80 1.41 0.00 | 57.88 1.34 0.00 | 58.22 1.24 0.00 | 222.38 4.70 0.00 | 68.31 1.39 0.00 | 62.81 1.32 0.00 | 109.57 2.13 -0.10 | 52.43 0.80 -0.19 | 44.21 0.74 -0.02 | 39.50 0.55 0.00 | 47.55 0.57 0.00 |
| JARVIS____ 23743 | 44.60 0.18 0.00 | 44.62 0.18 0.00 | 39.73 0.16 0.00 | 39.04 0.16 0.00 | 40.45 0.16 0.00 | 40.36 0.16 0.00 | 45.84 0.18 0.00 | 48.15 0.19 0.00 | 48.52 0.19 0.00 | 52.86 0.21 0.00 | 54.87 0.22 0.00 | 56.35 0.22 0.00 | 53.84 0.21 0.00 | 61.64 0.25 0.00 | 56.76 0.23 0.00 | 57.22 0.23 0.00 | 218.55 0.87 0.00 | 67.17 0.26 0.00 | 61.70 0.21 0.00 | 107.77 0.43 0.00 | 51.65 0.21 0.00 | 43.64 0.17 0.00 | 39.11 0.16 0.00 | 47.17 0.19 0.00 |
| JENNISON____1 23625 | 44.82 0.40 0.00 | 44.77 0.33 0.00 | 39.92 0.15 -0.20 | 38.83 -0.06 0.00 | 40.48 0.19 0.00 | 40.41 0.21 0.00 | 46.29 0.63 0.00 | 48.96 1.01 0.00 | 49.26 0.94 0.00 | 53.37 0.72 0.00 | 55.20 0.55 0.00 | 56.67 0.54 0.00 | 53.92 0.29 0.00 | 62.37 0.98 0.00 | 57.37 0.84 0.00 | 57.54 0.55 0.00 | 218.61 0.94 0.00 | 67.01 0.09 0.00 | 61.56 0.07 0.00 | 107.69 0.23 -0.12 | 51.77 0.09 -0.24 | 43.85 0.37 -0.02 | 39.35 0.40 0.00 | 47.22 0.24 0.00 |
| JENNISON____2 23626 | 44.82 0.40 0.00 | 44.77 0.33 0.00 | 39.92 0.15 -0.20 | 38.83 -0.06 0.00 | 40.48 0.19 0.00 | 40.41 0.21 0.00 | 46.29 0.63 0.00 | 48.96 1.01 0.00 | 49.26 0.94 0.00 | 53.37 0.72 0.00 | 55.20 0.55 0.00 | 56.67 0.54 0.00 | 53.92 0.29 0.00 | 62.37 0.98 0.00 | 57.37 0.84 0.00 | 57.54 0.55 0.00 | 218.61 0.94 0.00 | 67.01 0.09 0.00 | 61.56 0.07 0.00 | 107.69 0.23 -0.12 | 51.77 0.09 -0.24 | 43.85 0.37 -0.02 | 39.35 0.40 0.00 | 47.22 0.24 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 43.08 -1.35 0.00 | 43.08 -1.36 0.00 | 38.46 -1.11 0.00 | 37.61 -1.27 0.00 | 39.02 -1.27 0.00 | 40.16 -0.03 0.00 | 46.26 0.61 0.00 | 48.54 0.59 0.00 | 49.29 0.97 0.00 | 53.96 1.31 0.00 | 56.54 1.89 0.00 | 59.09 2.96 0.00 | 56.04 2.42 0.00 | 63.93 2.54 0.00 | 58.69 2.16 0.00 | 58.85 1.86 0.00 | 219.72 2.05 0.00 | 68.29 1.38 0.00 | 62.94 1.44 0.00 | 109.92 2.58 0.00 | 52.47 1.03 0.00 | 44.08 0.62 0.00 | 39.80 0.85 0.00 | 47.71 0.73 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 46.64 2.22 0.00 | 46.53 2.08 0.00 | 41.93 1.79 -0.56 | 40.59 1.70 0.00 | 42.03 1.75 0.00 | 41.96 1.77 0.00 | 47.78 2.12 0.00 | 50.31 2.35 0.00 | 50.55 2.23 0.00 | 55.09 2.45 0.00 | 57.12 2.47 0.00 | 58.78 2.65 0.00 | 56.29 2.67 0.00 | 64.38 2.98 0.00 | 59.26 2.72 0.00 | 59.78 2.80 0.00 | 229.63 11.95 0.00 | 70.69 3.78 0.00 | 64.99 3.50 0.00 | 113.37 5.68 -0.35 | 54.99 2.86 -0.69 | 45.88 2.35 -0.06 | 40.97 2.02 0.00 | 49.42 2.44 0.00 |
| KCE_NY_1 323755 | 47.15 2.73 0.00 | 47.16 2.71 0.00 | 42.67 2.40 -0.70 | 41.20 2.31 0.00 | 42.59 2.30 0.00 | 42.37 2.17 0.00 | 48.15 2.49 0.00 | 50.59 2.64 0.00 | 50.91 2.59 0.00 | 55.24 2.59 0.00 | 57.21 2.56 0.00 | 58.69 2.55 0.00 | 56.06 2.44 0.00 | 64.13 2.74 0.00 | 59.29 2.76 0.00 | 59.96 2.98 0.00 | 229.40 11.73 0.00 | 70.57 3.65 0.00 | 64.96 3.46 0.00 | 113.78 6.01 -0.43 | 55.14 2.84 -0.86 | 45.88 2.34 -0.08 | 41.00 2.05 0.00 | 49.42 2.43 -0.01 |
| KCE_NY_6_ESR 323823 | 43.91 -0.51 0.00 | 44.21 -0.23 0.00 | 39.09 -0.57 -0.09 | 38.56 -0.33 0.00 | 40.06 -0.23 0.00 | 39.90 -0.30 0.00 | 44.94 -0.72 0.00 | 46.49 -1.47 0.00 | 47.36 -0.96 0.00 | 52.15 -0.50 0.00 | 54.73 0.09 0.00 | 55.62 -0.51 0.00 | 52.35 -1.27 0.00 | 60.21 -1.18 0.00 | 55.02 -1.51 0.00 | 55.26 -1.72 0.00 | 208.65 -9.03 0.00 | 64.38 -2.53 0.00 | 59.14 -2.36 0.00 | 103.32 -4.08 -0.06 | 49.10 -2.46 -0.12 | 41.58 -1.89 -0.01 | 37.52 -1.43 0.00 | 45.59 -1.39 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 47.58 3.15 0.00 | 47.24 2.80 0.00 | 42.55 2.42 -0.55 | 41.08 2.20 0.00 | 42.79 2.49 0.00 | 42.55 2.36 0.00 | 47.88 2.22 0.00 | 49.80 1.85 0.00 | 49.86 1.54 0.00 | 53.86 1.21 0.00 | 58.76 2.10 -2.01 | 58.49 2.36 0.00 | 56.33 2.71 0.00 | 64.32 2.93 0.00 | 59.16 2.62 0.00 | 59.10 2.12 0.00 | 229.16 8.57 -2.92 | 69.96 2.87 -0.18 | 65.58 3.59 -0.50 | 113.78 5.10 -1.33 | 54.55 2.42 -0.68 | 45.80 2.27 -0.06 | 41.19 2.24 0.00 | 49.84 2.86 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 47.58 3.15 0.00 | 47.24 2.80 0.00 | 42.55 2.42 -0.55 | 41.08 2.20 0.00 | 42.79 2.49 0.00 | 42.55 2.36 0.00 | 47.88 2.22 0.00 | 49.80 1.85 0.00 | 49.86 1.54 0.00 | 53.86 1.21 0.00 | 58.76 2.10 -2.01 | 58.49 2.36 0.00 | 56.33 2.71 0.00 | 64.32 2.93 0.00 | 59.16 2.62 0.00 | 59.10 2.12 0.00 | 229.16 8.57 -2.92 | 69.96 2.87 -0.18 | 65.58 3.59 -0.50 | 113.78 5.10 -1.33 | 54.55 2.42 -0.68 | 45.80 2.27 -0.06 | 41.19 2.24 0.00 | 49.84 2.86 0.00 |
| KEDC_GLWD_GT4 24219 | 47.04 2.62 0.00 | 46.84 2.40 0.00 | 42.19 2.06 -0.55 | 40.81 1.92 0.00 | 42.36 2.08 0.00 | 42.29 2.10 0.00 | 47.98 2.32 0.00 | 50.38 2.43 0.00 | 50.63 2.30 0.00 | 55.07 2.42 0.00 | 57.43 2.79 0.00 | 59.11 2.98 0.00 | 56.70 3.08 0.00 | 64.71 3.32 0.00 | 59.52 2.98 0.00 | 59.90 2.91 0.00 | 228.61 10.94 0.00 | 70.90 3.99 0.00 | 65.22 3.73 0.00 | 113.65 5.96 -0.34 | 55.02 2.89 -0.68 | 45.98 2.46 -0.06 | 41.26 2.31 0.00 | 49.79 2.80 0.00 |
| KEDC_GLWD_GT5 24220 | 47.04 2.62 0.00 | 46.84 2.40 0.00 | 42.19 2.06 -0.55 | 40.81 1.92 0.00 | 42.36 2.08 0.00 | 42.29 2.10 0.00 | 47.98 2.32 0.00 | 50.38 2.43 0.00 | 50.63 2.30 0.00 | 55.07 2.42 0.00 | 57.43 2.79 0.00 | 59.11 2.98 0.00 | 56.70 3.08 0.00 | 64.71 3.32 0.00 | 59.52 2.98 0.00 | 59.90 2.91 0.00 | 228.61 10.94 0.00 | 70.90 3.99 0.00 | 65.22 3.73 0.00 | 113.65 5.96 -0.34 | 55.02 2.89 -0.68 | 45.98 2.46 -0.06 | 41.26 2.31 0.00 | 49.79 2.80 0.00 |
| KENSICO____ 23655 | 46.48 2.06 0.00 | 46.37 1.93 0.00 | 41.78 1.66 -0.55 | 40.43 1.54 0.00 | 41.87 1.59 0.00 | 41.79 1.59 0.00 | 47.57 1.91 0.00 | 50.07 2.11 0.00 | 50.31 1.99 0.00 | 54.86 2.21 0.00 | 56.89 2.24 0.00 | 58.56 2.43 0.00 | 56.11 2.49 0.00 | 64.14 2.75 0.00 | 59.02 2.49 0.00 | 59.54 2.56 0.00 | 228.70 11.03 0.00 | 70.42 3.50 0.00 | 64.69 3.19 0.00 | 112.86 5.17 -0.34 | 54.77 2.65 -0.68 | 45.70 2.18 -0.06 | 40.85 1.90 0.00 | 49.31 2.32 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 46.70 2.27 0.00 | 46.63 2.19 0.00 | 41.99 1.89 -0.53 | 40.68 1.80 0.00 | 42.16 1.88 0.00 | 42.10 1.90 0.00 | 48.01 2.35 0.00 | 50.56 2.60 0.00 | 50.79 2.47 0.00 | 55.31 2.67 0.00 | 57.39 2.74 0.00 | 58.99 2.86 0.00 | 56.41 2.79 0.00 | 64.59 3.20 0.00 | 59.42 2.88 0.00 | 60.03 3.05 0.00 | 230.81 13.13 0.00 | 71.06 4.15 0.00 | 65.30 3.80 0.00 | 113.99 6.31 -0.33 | 55.18 3.09 -0.66 | 46.02 2.50 -0.06 | 41.08 2.13 0.00 | 49.51 2.52 0.00 |

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|-----------------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| KIAC_JFK_GT1 23816 | 46.32 1.89 0.00 | 46.16 1.71 0.00 | 41.57 1.44 -0.55 | 40.18 1.29 0.00 | 41.55 1.26 0.00 | 41.48 1.29 0.00 | 47.34 1.69 0.00 | 49.92 1.97 0.00 | 50.37 2.05 0.00 | 59.51 2.41 -4.44 | 67.29 2.18 -10.46 | 148.66 2.61 -89.92 | 117.16 2.66 -60.87 | 65.72 3.04 -1.29 | 61.02 2.81 -1.68 | 61.11 2.85 -1.27 | 229.46 11.78 0.00 | 70.37 3.45 0.00 | 64.66 3.17 0.00 | 112.83 5.14 -0.34 | 55.86 2.68 -1.74 | 46.01 2.22 -0.33 | 40.79 1.84 0.00 | 49.08 2.09 0.00 |
| KIAC_JFK_GT2 23817 | 46.32 1.89 0.00 | 46.16 1.71 0.00 | 41.57 1.44 -0.55 | 40.18 1.29 0.00 | 41.55 1.26 0.00 | 41.48 1.29 0.00 | 47.34 1.69 0.00 | 49.92 1.97 0.00 | 50.37 2.05 0.00 | 59.51 2.41 -4.44 | 67.29 2.18 -10.46 | 148.66 2.61 -89.92 | 117.16 2.66 -60.87 | 65.72 3.04 -1.29 | 61.02 2.81 -1.68 | 61.11 2.85 -1.27 | 229.46 11.78 0.00 | 70.37 3.45 0.00 | 64.66 3.17 0.00 | 112.83 5.14 -0.34 | 55.86 2.68 -1.74 | 46.01 2.22 -0.33 | 40.79 1.84 0.00 | 49.08 2.09 0.00 |
| KIAC_JFK____ 323774 | 46.32 1.89 0.00 | 46.15 1.71 0.00 | 41.57 1.44 -0.55 | 40.18 1.29 0.00 | 41.55 1.26 0.00 | 41.48 1.29 0.00 | 47.34 1.69 0.00 | 49.92 1.97 0.00 | 50.37 2.05 0.00 | 59.51 2.42 -4.45 | 67.30 2.19 -10.46 | 148.66 2.61 -89.92 | 117.17 2.67 -60.87 | 65.71 3.03 -1.29 | 61.03 2.82 -1.68 | 61.11 2.85 -1.28 | 229.44 11.76 0.00 | 70.36 3.45 0.00 | 64.66 3.17 0.00 | 112.83 5.14 -0.34 | 55.86 2.68 -1.75 | 46.01 2.22 -0.33 | 40.80 1.85 0.00 | 49.08 2.09 0.00 |
| KINTIGH__24_KV_GSU 356498 | 43.58 -0.85 0.00 | 43.80 -0.64 0.00 | 38.79 -0.86 -0.08 | 38.22 -0.66 0.00 | 39.71 -0.58 0.00 | 39.45 -0.74 0.00 | 44.41 -1.25 0.00 | 46.08 -1.87 0.00 | 46.84 -1.48 0.00 | 51.52 -1.13 0.00 | 53.99 -0.66 0.00 | 54.92 -1.21 0.00 | 51.85 -1.76 0.00 | 59.62 -1.77 0.00 | 54.53 -2.00 0.00 | 54.79 -2.20 0.00 | 206.96 -10.71 0.00 | 63.87 -3.04 0.00 | 58.70 -2.79 0.00 | 102.59 -4.80 -0.05 | 48.78 -2.75 -0.09 | 41.26 -2.21 -0.01 | 37.24 -1.71 0.00 | 45.19 -1.79 0.00 |
| KINTIGH____ 23543 | 43.55 -0.87 0.00 | 43.78 -0.67 0.00 | 38.76 -0.89 -0.08 | 38.20 -0.69 0.00 | 39.68 -0.61 0.00 | 39.43 -0.77 0.00 | 44.37 -1.29 0.00 | 46.04 -1.91 0.00 | 46.82 -1.50 0.00 | 51.48 -1.17 0.00 | 53.95 -0.70 0.00 | 54.89 -1.24 0.00 | 51.82 -1.80 0.00 | 59.58 -1.82 0.00 | 54.51 -2.03 0.00 | 54.74 -2.24 0.00 | 207.36 -10.32 0.00 | 63.82 -3.09 0.00 | 58.65 -2.84 0.00 | 102.51 -4.88 -0.05 | 48.75 -2.78 -0.09 | 41.23 -2.24 -0.01 | 37.23 -1.72 0.00 | 45.17 -1.81 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 43.82 -0.61 0.00 | 43.82 -0.62 0.00 | 39.09 -0.48 0.00 | 38.24 -0.65 0.00 | 39.69 -0.60 0.00 | 40.81 0.61 0.00 | 47.06 1.40 0.00 | 49.41 1.46 0.00 | 50.17 1.85 0.00 | 54.84 2.19 0.00 | 57.45 2.80 0.00 | 59.94 3.81 0.00 | 56.77 3.15 0.00 | 64.70 3.30 0.00 | 59.59 3.06 0.00 | 59.84 2.86 0.00 | 223.57 5.89 0.00 | 69.51 2.60 0.00 | 64.11 2.62 0.00 | 111.86 4.52 0.00 | 53.37 1.93 0.00 | 44.82 1.36 0.00 | 40.45 1.50 0.00 | 48.49 1.51 0.00 |
| LACHUTE____HYDRO 323717 | 50.21 5.78 0.00 | 50.08 5.64 0.00 | 45.20 4.93 -0.70 | 43.76 4.87 0.00 | 45.28 5.00 0.00 | 45.09 4.89 0.00 | 51.47 5.82 0.00 | 53.88 5.93 0.00 | 54.09 5.77 0.00 | 58.37 5.72 0.00 | 59.90 5.26 0.00 | 61.42 5.29 0.00 | 58.61 4.99 0.00 | 67.30 5.91 0.00 | 62.86 6.33 0.00 | 63.84 6.85 0.00 | 244.95 27.27 0.00 | 75.10 8.19 0.00 | 69.36 7.87 0.00 | 121.15 13.37 -0.43 | 58.49 6.18 -0.86 | 48.49 4.95 -0.08 | 43.30 4.34 0.00 | 52.36 5.37 -0.01 |
| LAWRNCV_115KV_TB1 80681 | 43.65 -0.78 0.00 | 43.73 -0.71 0.00 | 38.96 -0.62 -0.01 | 38.14 -0.75 0.00 | 39.60 -0.69 0.00 | 40.26 0.06 0.00 | 45.87 0.21 0.00 | 48.17 0.21 0.00 | 49.15 0.83 0.00 | 53.78 1.14 0.00 | 56.47 1.82 0.00 | 58.96 2.83 0.00 | 56.04 2.41 0.00 | 63.82 2.43 0.00 | 58.60 2.07 0.00 | 58.42 1.43 0.00 | 216.88 -0.80 0.00 | 67.40 0.48 0.00 | 61.98 0.49 0.00 | 108.31 0.96 -0.01 | 51.79 0.34 -0.01 | 43.61 0.15 0.00 | 39.49 0.54 0.00 | 47.52 0.54 0.00 |
| LEDERLE____ 23769 | 46.51 2.08 0.00 | 46.42 1.98 0.00 | 41.80 1.69 -0.54 | 40.47 1.58 0.00 | 41.90 1.62 0.00 | 41.80 1.61 0.00 | 47.60 1.95 0.00 | 50.12 2.17 0.00 | 50.31 1.99 0.00 | 54.87 2.23 0.00 | 56.90 2.25 0.00 | 58.54 2.41 0.00 | 56.08 2.46 0.00 | 64.16 2.77 0.00 | 59.03 2.49 0.00 | 59.57 2.58 0.00 | 229.43 11.75 0.00 | 70.63 3.72 0.00 | 64.82 3.33 0.00 | 113.02 5.35 -0.33 | 54.79 2.69 -0.66 | 45.72 2.20 -0.06 | 40.86 1.91 0.00 | 49.36 2.37 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 43.33 -1.10 0.00 | 43.39 -1.06 0.00 | 38.50 -1.11 -0.04 | 37.86 -1.02 0.00 | 39.34 -0.95 0.00 | 39.39 -0.80 0.00 | 44.65 -1.01 0.00 | 47.16 -0.80 0.00 | 47.70 -0.62 0.00 | 51.74 -0.91 0.00 | 54.01 -0.64 0.00 | 55.39 -0.74 0.00 | 52.83 -0.79 0.00 | 60.44 -0.96 0.00 | 55.78 -0.76 0.00 | 56.19 -0.80 0.00 | 213.68 -4.00 0.00 | 65.86 -1.05 0.00 | 60.33 -1.17 0.00 | 105.18 -2.19 -0.03 | 50.44 -1.05 -0.05 | 42.64 -0.83 0.00 | 38.22 -0.73 0.00 | 46.00 -0.98 0.00 |
| LINDEN COGEN____ 23786 | 46.53 2.10 0.00 | 46.39 1.94 0.00 | 41.78 1.66 -0.55 | 40.43 1.54 0.00 | 41.87 1.58 0.00 | 41.80 1.61 0.00 | 47.64 1.99 0.00 | 50.20 2.24 0.00 | 50.47 2.15 0.00 | 59.51 2.42 -4.45 | 67.60 2.48 -10.46 | 148.69 2.64 -89.92 | 117.17 2.68 -60.87 | 65.72 3.03 -1.29 | 60.96 2.75 -1.68 | 61.07 2.80 -1.28 | 229.66 11.98 0.00 | 70.69 3.78 0.00 | 64.94 3.45 0.00 | 113.23 5.54 -0.34 | 56.07 2.88 -1.75 | 46.17 2.38 -0.33 | 41.01 2.05 0.00 | 49.47 2.48 0.00 |
| LINDHRST_69_KV_BK1 356055 | 47.84 3.42 0.00 | 47.55 3.11 0.00 | 42.80 2.67 -0.55 | 41.33 2.44 0.00 | 43.04 2.75 0.00 | 42.98 2.78 0.00 | 48.54 2.88 0.00 | 50.75 2.79 0.00 | 50.93 2.60 0.00 | 55.13 2.48 0.00 | 58.36 3.21 -0.50 | 59.54 3.41 0.00 | 57.28 3.66 0.00 | 65.28 3.89 0.00 | 60.02 3.49 0.00 | 60.27 3.29 0.00 | 231.61 13.21 -0.72 | 71.42 4.46 -0.05 | 66.09 4.47 -0.12 | 114.97 7.04 -0.58 | 55.57 3.45 -0.68 | 46.59 3.07 -0.06 | 41.78 2.83 0.00 | 50.40 3.42 0.00 |
| LIPA_MISC_IPP 23656 | 47.75 3.32 0.00 | 47.42 2.97 0.00 | 42.69 2.56 -0.55 | 41.22 2.34 0.00 | 42.92 2.63 0.00 | 42.72 2.53 0.00 | 48.12 2.46 0.00 | 50.02 2.06 0.00 | 50.04 1.71 0.00 | 54.03 1.38 0.00 | 59.31 2.16 -2.50 | 58.30 2.17 0.00 | 56.07 2.45 0.00 | 64.24 2.85 0.00 | 59.10 2.57 0.00 | 58.81 1.82 0.00 | 231.05 9.76 -3.62 | 70.61 3.47 -0.23 | 65.90 3.78 -0.63 | 114.07 5.15 -1.57 | 54.35 2.23 -0.68 | 45.74 2.22 -0.06 | 41.07 2.12 0.00 | 49.83 2.84 0.00 |
| LISF____SOLAR 323691 | 47.83 3.40 0.00 | 47.51 3.06 0.00 | 42.76 2.63 -0.55 | 41.29 2.41 0.00 | 43.01 2.72 0.00 | 42.80 2.61 0.00 | 48.21 2.56 0.00 | 50.10 2.15 0.00 | 50.12 1.80 0.00 | 54.10 1.45 0.00 | 59.30 2.24 -2.41 | 58.40 2.27 0.00 | 56.17 2.55 0.00 | 64.36 2.96 0.00 | 59.23 2.70 0.00 | 58.92 1.94 0.00 | 231.54 10.37 -3.49 | 70.75 3.62 -0.22 | 66.05 3.95 -0.60 | 114.26 5.39 -1.53 | 54.46 2.34 -0.68 | 45.85 2.32 -0.06 | 41.16 2.21 0.00 | 49.92 2.93 0.00 |
| LITTLE FALLS____HYD 24013 | 48.34 3.92 0.00 | 48.31 3.87 0.00 | 43.00 3.43 0.00 | 42.29 3.40 0.00 | 43.81 3.52 0.00 | 43.64 3.44 0.00 | 49.54 3.88 0.00 | 52.07 4.11 0.00 | 52.00 3.68 0.00 | 56.51 3.87 0.00 | 58.55 3.90 0.00 | 59.53 3.40 0.00 | 56.56 2.93 0.00 | 65.36 3.96 0.00 | 60.62 4.09 0.00 | 61.32 4.33 0.00 | 234.96 17.28 0.00 | 72.10 5.19 0.00 | 66.34 4.84 0.00 | 115.92 8.57 0.00 | 55.61 4.18 0.00 | 47.16 3.70 0.00 | 42.13 3.18 0.00 | 50.72 3.74 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 44.05 -0.37 0.00 | 44.17 -0.27 0.00 | 39.37 -0.21 -0.01 | 38.51 -0.38 0.00 | 39.99 -0.30 0.00 | 40.70 0.50 0.00 | 46.36 0.71 0.00 | 48.68 0.72 0.00 | 49.63 1.31 0.00 | 54.01 1.36 0.00 | 56.88 2.23 0.00 | 59.37 3.24 0.00 | 56.59 2.97 0.00 | 64.29 2.90 0.00 | 59.15 2.61 0.00 | 58.94 1.95 0.00 | 219.08 1.40 0.00 | 68.18 1.27 0.00 | 62.69 1.20 0.00 | 109.58 2.23 -0.01 | 52.35 0.90 -0.01 | 44.05 0.59 0.00 | 39.86 0.91 0.00 | 47.93 0.95 0.00 |
| LI_NEWBRDGE___DRP 323616 | 46.97 2.55 0.00 | 46.71 2.27 0.00 | 42.08 1.96 -0.55 | 40.66 1.77 0.00 | 42.31 2.03 0.00 | 42.22 2.02 0.00 | 47.67 2.01 0.00 | 49.83 1.88 0.00 | 50.03 1.70 0.00 | 54.24 1.59 0.00 | 56.95 2.31 0.00 | 58.56 2.44 0.00 | 56.33 2.71 0.00 | 64.14 2.74 0.00 | 58.95 2.41 0.00 | 59.25 2.27 0.00 | 226.58 8.90 0.00 | 70.18 3.27 0.00 | 64.79 3.30 0.00 | 112.57 4.88 -0.34 | 54.63 2.51 -0.68 | 45.76 2.24 -0.06 | 41.05 2.10 0.00 | 49.57 2.58 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 43.74 -0.69 0.00 | 44.00 -0.45 0.00 | 38.92 -0.74 -0.08 | 38.40 -0.49 0.00 | 39.90 -0.39 0.00 | 39.51 -0.69 0.00 | 44.30 -1.35 0.00 | 45.87 -2.08 0.00 | 46.66 -1.66 0.00 | 51.44 -1.20 0.00 | 54.02 -0.63 0.00 | 54.82 -1.31 0.00 | 51.61 -2.00 0.00 | 59.31 -2.09 0.00 | 54.22 -2.32 0.00 | 54.49 -2.50 0.00 | 206.10 -11.58 0.00 | 63.52 -3.40 0.00 | 58.36 -3.14 0.00 | 102.00 -5.40 -0.05 | 48.43 -3.11 -0.10 | 41.01 -2.45 -0.01 | 37.12 -1.83 0.00 | 45.09 -1.89 0.00 |
| LOCKPORT___CC1 323769 | 43.70 -0.72 0.00 | 43.95 -0.49 0.00 | 38.89 -0.77 -0.08 | 38.36 -0.52 0.00 | 39.85 -0.44 0.00 | 39.50 -0.70 0.00 | 44.30 -1.36 0.00 | 45.86 -2.09 0.00 | 46.66 -1.66 0.00 | 51.44 -1.21 0.00 | 53.99 -0.66 0.00 | 54.81 -1.32 0.00 | 51.59 -2.03 0.00 | 59.30 -2.09 0.00 | 54.19 -2.34 0.00 | 54.46 -2.53 0.00 | 205.39 -12.28 0.00 | 63.46 -3.45 0.00 | 58.31 -3.19 0.00 | 101.91 -5.49 -0.05 | 48.40 -3.14 -0.10 | 40.99 -2.48 -0.01 | 37.08 -1.87 0.00 | 45.06 -1.92 0.00 |
| LOCKPORT___CC2 323770 | 43.70 -0.72 0.00 | 43.95 -0.49 0.00 | 38.89 -0.77 -0.08 | 38.36 -0.52 0.00 | 39.85 -0.44 0.00 | 39.50 -0.70 0.00 | 44.30 -1.36 0.00 | 45.86 -2.09 0.00 | 46.66 -1.66 0.00 | 51.44 -1.21 0.00 | 53.99 -0.66 0.00 | 54.81 -1.32 0.00 | 51.59 -2.03 0.00 | 59.30 -2.09 0.00 | 54.19 -2.34 0.00 | 54.46 -2.53 0.00 | 205.39 -12.28 0.00 | 63.46 -3.45 0.00 | 58.31 -3.19 0.00 | 101.91 -5.49 -0.05 | 48.40 -3.14 -0.10 | 40.99 -2.48 -0.01 | 37.08 -1.87 0.00 | 45.06 -1.92 0.00 |
| LOCKPORT___CC3 323771 | 43.70 -0.72 0.00 | 43.95 -0.49 0.00 | 38.89 -0.77 -0.08 | 38.36 -0.52 0.00 | 39.85 -0.44 0.00 | 39.50 -0.70 0.00 | 44.30 -1.36 0.00 | 45.86 -2.09 0.00 | 46.66 -1.66 0.00 | 51.44 -1.21 0.00 | 53.99 -0.66 0.00 | 54.81 -1.32 0.00 | 51.59 -2.03 0.00 | 59.30 -2.09 0.00 | 54.19 -2.34 0.00 | 54.46 -2.53 0.00 | 205.39 -12.28 0.00 | 63.46 -3.45 0.00 | 58.31 -3.19 0.00 | 101.91 -5.49 -0.05 | 48.40 -3.14 -0.10 | 40.99 -2.48 -0.01 | 37.08 -1.87 0.00 | 45.06 -1.92 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 47.26 2.84 0.00 | 47.02 2.57 0.00 | 42.35 2.22 -0.55 | 40.94 2.05 0.00 | 42.56 2.27 0.00 | 42.48 2.29 0.00 | 48.08 2.42 0.00 | 50.37 2.42 0.00 | 50.58 2.26 0.00 | 54.92 2.27 0.00 | 56.95 2.82 0.52 | 59.16 3.03 0.00 | 56.81 3.19 0.00 | 64.74 3.35 0.00 | 59.53 3.00 0.00 | 59.86 2.87 0.00 | 228.25 11.32 0.75 | 70.87 4.00 0.05 | 65.21 3.85 0.13 | 113.40 5.98 -0.07 | 55.10 2.97 -0.68 | 46.11 2.59 -0.06 | 41.36 2.41 0.00 | 49.89 2.91 0.00 |
| LONG_LAKE_PHOENIX 24014 | 42.93 -1.50 0.00 | 42.96 -1.48 0.00 | 38.25 -1.37 -0.05 | 37.58 -1.31 0.00 | 38.96 -1.33 0.00 | 38.90 -1.30 0.00 | 44.21 -1.44 0.00 | 46.52 -1.44 0.00 | 46.93 -1.39 0.00 | 51.13 -1.52 0.00 | 53.13 -1.52 0.00 | 54.45 -1.69 0.00 | 52.00 -1.62 0.00 | 59.63 -1.76 0.00 | 54.91 -1.63 0.00 | 55.27 -1.72 0.00 | 211.05 -6.62 0.00 | 64.91 -2.00 0.00 | 59.60 -1.89 0.00 | 104.08 -3.29 -0.03 | 49.80 -1.69 -0.06 | 42.07 -1.40 0.00 | 37.70 -1.25 0.00 | 45.42 -1.56 0.00 |
| LOVETT___3 23632 | 46.28 1.86 0.00 | 46.19 1.75 0.00 | 41.60 1.49 -0.54 | 40.27 1.39 0.00 | 41.70 1.41 0.00 | 41.59 1.39 0.00 | 47.31 1.65 0.00 | 49.79 1.84 0.00 | 50.01 1.69 0.00 | 54.51 1.86 0.00 | 56.54 1.89 0.00 | 58.16 2.03 0.00 | 55.73 2.11 0.00 | 63.73 2.34 0.00 | 58.65 2.11 0.00 | 59.18 2.19 0.00 | 227.90 10.22 0.00 | 70.15 3.24 0.00 | 64.39 2.89 0.00 | 112.27 4.60 -0.33 | 54.44 2.34 -0.67 | 45.44 1.92 -0.06 | 40.62 1.67 0.00 | 49.08 2.10 0.00 |
| LOVETT___4 23642 | 46.28 1.86 0.00 | 46.19 1.75 0.00 | 41.60 1.49 -0.54 | 40.27 1.39 0.00 | 41.70 1.41 0.00 | 41.59 1.39 0.00 | 47.31 1.65 0.00 | 49.79 1.84 0.00 | 50.01 1.69 0.00 | 54.51 1.86 0.00 | 56.54 1.89 0.00 | 58.16 2.03 0.00 | 55.73 2.11 0.00 | 63.73 2.34 0.00 | 58.65 2.11 0.00 | 59.18 2.19 0.00 | 227.90 10.22 0.00 | 70.15 3.24 0.00 | 64.39 2.89 0.00 | 112.27 4.60 -0.33 | 54.44 2.34 -0.67 | 45.44 1.92 -0.06 | 40.62 1.67 0.00 | 49.08 2.10 0.00 |
| LOVETT___5 23593 | 46.28 1.86 0.00 | 46.19 1.75 0.00 | 41.60 1.49 -0.54 | 40.27 1.39 0.00 | 41.70 1.41 0.00 | 41.59 1.39 0.00 | 47.31 1.65 0.00 | 49.79 1.84 0.00 | 50.01 1.69 0.00 | 54.51 1.86 0.00 | 56.54 1.89 0.00 | 58.16 2.03 0.00 | 55.73 2.11 0.00 | 63.73 2.34 0.00 | 58.65 2.11 0.00 | 59.18 2.19 0.00 | 227.90 10.22 0.00 | 70.15 3.24 0.00 | 64.39 2.89 0.00 | 112.27 4.60 -0.33 | 54.44 2.34 -0.67 | 45.44 1.92 -0.06 | 40.62 1.67 0.00 | 49.08 2.10 0.00 |
| LOWER RAQUET___HYD 24057 | 43.56 -0.87 0.00 | 43.66 -0.78 0.00 | 38.88 -0.70 -0.01 | 38.06 -0.82 0.00 | 39.52 -0.77 0.00 | 40.14 -0.06 0.00 | 45.67 0.02 0.00 | 48.00 0.05 0.00 | 49.01 0.69 0.00 | 53.65 1.00 0.00 | 56.36 1.72 0.00 | 58.83 2.70 0.00 | 55.93 2.31 0.00 | 63.69 2.30 0.00 | 58.48 1.95 0.00 | 58.26 1.27 0.00 | 216.40 -1.28 0.00 | 67.12 0.21 0.00 | 61.70 0.21 0.00 | 107.79 0.43 -0.01 | 51.57 0.12 -0.01 | 43.46 0.00 0.00 | 39.37 0.42 0.00 | 47.42 0.44 0.00 |
| LOWER___HUDSON 24059 | 46.43 2.00 0.00 | 46.38 1.94 0.00 | 42.02 1.76 -0.68 | 40.59 1.70 0.00 | 41.98 1.69 0.00 | 41.79 1.59 0.00 | 47.35 1.70 0.00 | 49.80 1.85 0.00 | 50.04 1.72 0.00 | 54.37 1.73 0.00 | 56.22 1.57 0.00 | 57.77 1.64 0.00 | 55.31 1.69 0.00 | 63.25 1.85 0.00 | 58.45 1.92 0.00 | 59.05 2.06 0.00 | 226.00 8.32 0.00 | 69.50 2.59 0.00 | 63.90 2.41 0.00 | 111.87 4.10 -0.42 | 54.34 2.06 -0.85 | 45.24 1.70 -0.08 | 40.47 1.52 0.00 | 48.82 1.84 0.00 |
| LOWVILLE_115KV_TB2 356335 | 44.09 -0.34 0.00 | 44.31 -0.13 0.00 | 39.05 -0.54 -0.02 | 38.46 -0.42 0.00 | 40.31 0.02 0.00 | 40.54 0.35 0.00 | 45.77 0.11 0.00 | 48.64 0.68 0.00 | 49.51 1.19 0.00 | 53.34 0.69 0.00 | 56.00 1.35 0.00 | 57.60 1.47 0.00 | 54.90 1.28 0.00 | 62.65 1.26 0.00 | 57.81 1.27 0.00 | 58.30 1.32 0.00 | 219.73 2.05 0.00 | 67.84 0.93 0.00 | 61.79 0.29 0.00 | 107.76 0.40 -0.01 | 51.88 0.41 -0.03 | 43.82 0.36 0.00 | 39.46 0.51 0.00 | 47.42 0.44 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 47.14 2.71 0.00 | 47.13 2.68 0.00 | 42.66 2.38 -0.70 | 41.21 2.32 0.00 | 42.60 2.31 0.00 | 42.35 2.16 0.00 | 48.12 2.46 0.00 | 50.55 2.60 0.00 | 50.82 2.50 0.00 | 55.19 2.54 0.00 | 57.14 2.49 0.00 | 58.64 2.51 0.00 | 55.99 2.37 0.00 | 64.08 2.68 0.00 | 59.27 2.74 0.00 | 59.90 2.91 0.00 | 229.22 11.54 0.00 | 70.52 3.61 0.00 | 64.87 3.37 0.00 | 113.58 5.81 -0.43 | 55.12 2.82 -0.86 | 45.84 2.30 -0.08 | 40.96 2.01 0.00 | 49.38 2.40 -0.01 |

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| LUTHERNY_35_KV_BK2 355980 | 47.15 2.73 0.00 | 47.16 2.71 0.00 | 42.67 2.40 -0.70 | 41.20 2.31 0.00 | 42.59 2.30 0.00 | 42.37 2.18 0.00 | 48.15 2.49 0.00 | 50.59 2.64 0.00 | 50.91 2.59 0.00 | 55.24 2.59 0.00 | 57.20 2.55 0.00 | 58.68 2.55 0.00 | 56.06 2.44 0.00 | 64.13 2.74 0.00 | 59.29 2.76 0.00 | 59.96 2.98 0.00 | 229.41 11.73 0.00 | 70.57 3.66 0.00 | 64.96 3.46 0.00 | 113.79 6.01 -0.43 | 55.15 2.85 -0.86 | 45.88 2.34 -0.08 | 41.00 2.05 0.00 | 49.42 2.43 -0.01 |
| LWR___OSWEGATCHIE_HYD 23850 | 43.57 -0.85 0.00 | 43.72 -0.72 0.00 | 38.73 -0.85 -0.02 | 38.04 -0.84 0.00 | 39.66 -0.63 0.00 | 40.09 -0.11 0.00 | 45.29 -0.37 0.00 | 47.89 -0.06 0.00 | 48.80 0.48 0.00 | 53.01 0.37 0.00 | 55.91 1.26 0.00 | 57.98 1.85 0.00 | 55.18 1.56 0.00 | 62.89 1.49 0.00 | 57.92 1.38 0.00 | 57.98 0.99 0.00 | 215.98 -1.70 0.00 | 66.92 0.00 0.00 | 61.26 -0.24 0.00 | 106.87 -0.48 -0.01 | 51.34 -0.12 -0.02 | 43.43 -0.03 0.00 | 39.21 0.26 0.00 | 47.17 0.19 0.00 |
| LYONS_FALL_HYD 23570 | 44.56 0.13 0.00 | 44.71 0.27 0.00 | 39.54 -0.05 -0.02 | 38.93 0.04 0.00 | 40.62 0.33 0.00 | 40.76 0.56 0.00 | 46.19 0.53 0.00 | 48.87 0.91 0.00 | 49.55 1.23 0.00 | 53.61 0.96 0.00 | 56.04 1.39 0.00 | 57.60 1.47 0.00 | 54.91 1.29 0.00 | 62.76 1.37 0.00 | 57.91 1.38 0.00 | 58.38 1.39 0.00 | 221.24 3.56 0.00 | 68.15 1.24 0.00 | 62.30 0.80 0.00 | 108.74 1.38 -0.01 | 52.19 0.72 -0.03 | 44.06 0.60 0.00 | 39.58 0.63 0.00 | 47.59 0.61 0.00 |
| MADISON___COUNTY_LFGE 323628 | 45.29 0.87 0.00 | 45.37 0.93 0.00 | 40.34 0.74 -0.03 | 39.65 0.76 0.00 | 41.19 0.90 0.00 | 41.25 1.05 0.00 | 46.98 1.33 0.00 | 49.40 1.44 0.00 | 49.85 1.53 0.00 | 54.23 1.58 0.00 | 56.35 1.70 0.00 | 57.80 1.67 0.00 | 55.07 1.44 0.00 | 63.20 1.80 0.00 | 58.28 1.75 0.00 | 58.74 1.75 0.00 | 224.22 6.54 0.00 | 68.67 1.76 0.00 | 63.05 1.55 0.00 | 110.03 2.66 -0.02 | 52.63 1.16 -0.04 | 44.39 0.93 0.00 | 39.73 0.78 0.00 | 47.85 0.86 0.00 |
| MALONE___115KV_TB1 356076 | 43.76 -0.66 0.00 | 43.78 -0.67 0.00 | 39.05 -0.52 0.00 | 38.20 -0.69 0.00 | 39.64 -0.65 0.00 | 40.70 0.50 0.00 | 46.83 1.17 0.00 | 49.21 1.26 0.00 | 50.04 1.72 0.00 | 54.74 2.09 0.00 | 57.32 2.66 0.00 | 59.87 3.74 0.00 | 56.79 3.17 0.00 | 64.81 3.42 0.00 | 59.49 2.96 0.00 | 59.60 2.62 0.00 | 222.12 4.45 0.00 | 69.14 2.23 0.00 | 63.68 2.18 0.00 | 111.13 3.79 0.00 | 53.05 1.62 0.00 | 44.56 1.09 0.00 | 40.24 1.30 0.00 | 48.23 1.25 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 46.11 1.68 0.00 | 46.08 1.64 0.00 | 41.76 1.51 -0.68 | 40.35 1.46 0.00 | 41.75 1.47 0.00 | 41.59 1.39 0.00 | 47.14 1.48 0.00 | 49.61 1.66 0.00 | 49.85 1.53 0.00 | 54.21 1.56 0.00 | 56.13 1.48 0.00 | 57.63 1.50 0.00 | 55.16 1.54 0.00 | 63.11 1.72 0.00 | 58.27 1.73 0.00 | 58.84 1.86 0.00 | 225.01 7.33 0.00 | 69.23 2.32 0.00 | 63.63 2.14 0.00 | 111.43 3.67 -0.42 | 54.13 1.86 -0.84 | 45.09 1.56 -0.08 | 40.33 1.38 0.00 | 48.62 1.64 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 43.06 -1.36 0.00 | 43.01 -1.43 0.00 | 38.27 -1.31 0.00 | 37.60 -1.29 0.00 | 39.08 -1.21 0.00 | 39.39 -0.80 0.00 | 44.84 -0.82 0.00 | 46.97 -0.98 0.00 | 47.97 -0.35 0.00 | 52.42 -0.22 0.00 | 54.54 -0.11 0.00 | 56.59 0.46 0.00 | 54.06 0.44 0.00 | 61.65 0.26 0.00 | 56.47 -0.06 0.00 | 56.60 -0.39 0.00 | 214.08 -3.59 0.00 | 65.93 -0.98 0.00 | 60.46 -1.03 0.00 | 105.90 -1.45 0.00 | 50.92 -0.52 0.00 | 42.99 -0.46 0.00 | 38.70 -0.25 0.00 | 46.45 -0.53 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 43.06 -1.36 0.00 | 43.01 -1.43 0.00 | 38.27 -1.31 0.00 | 37.60 -1.29 0.00 | 39.08 -1.21 0.00 | 39.39 -0.80 0.00 | 44.84 -0.82 0.00 | 46.97 -0.98 0.00 | 47.97 -0.35 0.00 | 52.42 -0.22 0.00 | 54.54 -0.11 0.00 | 56.59 0.46 0.00 | 54.06 0.44 0.00 | 61.65 0.26 0.00 | 56.47 -0.06 0.00 | 56.60 -0.39 0.00 | 214.08 -3.59 0.00 | 65.93 -0.98 0.00 | 60.46 -1.03 0.00 | 105.90 -1.45 0.00 | 50.92 -0.52 0.00 | 42.99 -0.46 0.00 | 38.70 -0.25 0.00 | 46.45 -0.53 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 43.14 -1.29 0.00 | 43.15 -1.30 0.00 | 38.53 -1.04 0.00 | 37.68 -1.21 0.00 | 39.08 -1.21 0.00 | 40.20 0.00 0.00 | 46.30 0.65 0.00 | 48.56 0.60 0.00 | 49.32 1.00 0.00 | 53.97 1.32 0.00 | 56.55 1.90 0.00 | 59.07 2.95 0.00 | 56.04 2.42 0.00 | 63.92 2.53 0.00 | 58.69 2.15 0.00 | 58.85 1.86 0.00 | 219.81 2.14 0.00 | 68.29 1.37 0.00 | 62.94 1.45 0.00 | 109.92 2.57 0.00 | 52.47 1.03 0.00 | 44.09 0.63 0.00 | 39.81 0.86 0.00 | 47.74 0.75 0.00 |
| MARSHVLE_115KV_TB1 80742 | 44.26 -0.17 0.00 | 44.29 -0.15 0.00 | 40.21 -0.16 -0.80 | 38.74 -0.15 0.00 | 40.25 -0.04 0.00 | 40.26 0.06 0.00 | 45.81 0.16 0.00 | 48.27 0.32 0.00 | 48.41 0.08 0.00 | 52.91 0.26 0.00 | 55.19 0.54 0.00 | 56.55 0.42 0.00 | 53.78 0.16 0.00 | 61.66 0.27 0.00 | 56.86 0.33 0.00 | 57.21 0.22 0.00 | 217.97 0.29 0.00 | 67.15 0.24 0.00 | 61.65 0.15 0.00 | 108.03 0.20 -0.49 | 52.55 0.13 -0.99 | 43.61 0.06 -0.09 | 38.96 0.01 0.00 | 46.91 -0.07 -0.01 |
| MARSH_HILL_WT_PWR 323713 | 41.78 -2.65 0.00 | 42.05 -2.39 0.00 | 37.29 -2.40 -0.12 | 36.77 -2.12 0.00 | 38.71 -1.58 0.00 | 38.98 -1.21 0.00 | 44.04 -1.62 0.00 | 45.60 -2.35 0.00 | 46.89 -1.43 0.00 | 51.53 -1.12 0.00 | 53.65 -0.99 0.00 | 54.62 -1.51 0.00 | 52.05 -1.57 0.00 | 59.92 -1.47 0.00 | 53.86 -2.67 0.00 | 53.99 -3.00 0.00 | 205.25 -12.42 0.00 | 62.76 -4.15 0.00 | 57.35 -4.15 0.00 | 100.60 -6.82 -0.08 | 47.99 -3.60 -0.15 | 40.58 -2.89 -0.01 | 36.46 -2.49 0.00 | 44.35 -2.64 0.00 |
| MCINTYRE_115KV_TB2 80467 | 44.40 -0.03 0.00 | 44.50 0.06 0.00 | 39.68 0.10 -0.01 | 38.81 -0.08 0.00 | 40.31 0.02 0.00 | 41.13 0.93 0.00 | 46.97 1.32 0.00 | 49.27 1.31 0.00 | 50.17 1.84 0.00 | 54.34 1.69 0.00 | 57.23 2.59 0.00 | 59.78 3.65 0.00 | 57.05 3.42 0.00 | 64.71 3.32 0.00 | 59.59 3.05 0.00 | 59.51 2.52 0.00 | 221.64 3.97 0.00 | 69.12 2.21 0.00 | 63.58 2.08 0.00 | 111.13 3.78 -0.01 | 53.07 1.62 -0.01 | 44.57 1.10 0.00 | 40.28 1.33 0.00 | 48.34 1.36 0.00 |
| MECO_____69_KV_BK1 80468 | 45.86 1.43 0.00 | 45.87 1.43 0.00 | 41.60 1.26 -0.77 | 40.09 1.21 0.00 | 41.66 1.36 0.00 | 41.65 1.45 0.00 | 47.49 1.83 0.00 | 50.08 2.12 0.00 | 50.20 1.87 0.00 | 54.66 2.01 0.00 | 56.74 2.10 0.00 | 57.85 1.72 0.00 | 54.80 1.18 0.00 | 63.06 1.67 0.00 | 58.55 2.02 0.00 | 59.19 2.21 0.00 | 226.40 8.72 0.00 | 69.83 2.91 0.00 | 64.14 2.65 0.00 | 112.34 4.51 -0.48 | 54.49 2.10 -0.95 | 45.18 1.63 -0.09 | 40.32 1.37 0.00 | 48.50 1.51 -0.01 |
| MENANDS___115KV_TB5 355628 | 45.90 1.47 0.00 | 45.88 1.44 0.00 | 41.60 1.35 -0.68 | 40.19 1.31 0.00 | 41.59 1.30 0.00 | 41.42 1.23 0.00 | 46.91 1.25 0.00 | 49.37 1.42 0.00 | 49.61 1.29 0.00 | 53.95 1.30 0.00 | 55.84 1.20 0.00 | 57.35 1.23 0.00 | 54.93 1.31 0.00 | 62.84 1.44 0.00 | 58.00 1.47 0.00 | 58.55 1.56 0.00 | 223.90 6.22 0.00 | 68.86 1.95 0.00 | 63.31 1.82 0.00 | 110.83 3.07 -0.42 | 53.87 1.60 -0.84 | 44.90 1.36 -0.08 | 40.16 1.21 0.00 | 48.44 1.45 0.00 |
| MG INDUSTRY___DRP 24185 | 45.81 1.39 0.00 | 45.85 1.40 0.00 | 41.57 1.33 -0.66 | 40.16 1.27 0.00 | 41.57 1.28 0.00 | 41.40 1.20 0.00 | 46.93 1.27 0.00 | 49.33 1.38 0.00 | 49.58 1.26 0.00 | 53.95 1.30 0.00 | 55.86 1.21 0.00 | 57.35 1.22 0.00 | 54.89 1.26 0.00 | 62.86 1.46 0.00 | 57.98 1.44 0.00 | 58.46 1.47 0.00 | 223.53 5.85 0.00 | 68.77 1.86 0.00 | 63.22 1.73 0.00 | 110.86 3.10 -0.41 | 53.81 1.55 -0.82 | 44.87 1.33 -0.07 | 40.15 1.20 0.00 | 48.43 1.45 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 43.57 -0.85 0.00 | 43.72 -0.72 0.00 | 38.73 -0.85 -0.02 | 38.04 -0.84 0.00 | 39.66 -0.63 0.00 | 40.09 -0.11 0.00 | 45.29 -0.37 0.00 | 47.89 -0.06 0.00 | 48.80 0.48 0.00 | 53.01 0.37 0.00 | 55.91 1.26 0.00 | 57.98 1.85 0.00 | 55.18 1.56 0.00 | 62.89 1.49 0.00 | 57.92 1.38 0.00 | 57.98 0.99 0.00 | 215.98 -1.70 0.00 | 66.92 0.00 0.00 | 61.26 -0.24 0.00 | 106.87 -0.48 -0.01 | 51.34 -0.12 -0.02 | 43.43 -0.03 0.00 | 39.21 0.26 0.00 | 47.17 0.19 0.00 |
| MID___RAQUETTE_HYD 23851 | 43.56 -0.87 0.00 | 43.66 -0.78 0.00 | 38.88 -0.70 -0.01 | 38.06 -0.82 0.00 | 39.52 -0.77 0.00 | 40.14 -0.06 0.00 | 45.67 0.02 0.00 | 48.00 0.05 0.00 | 49.01 0.69 0.00 | 53.65 1.00 0.00 | 56.36 1.72 0.00 | 58.83 2.70 0.00 | 55.93 2.31 0.00 | 63.69 2.30 0.00 | 58.48 1.95 0.00 | 58.26 1.28 0.00 | 216.17 -1.50 0.00 | 67.12 0.21 0.00 | 61.70 0.21 0.00 | 107.79 0.43 -0.01 | 51.57 0.12 -0.01 | 43.46 0.00 0.00 | 39.37 0.42 0.00 | 47.42 0.44 0.00 |
| MILLIKEN___1 23584 | 44.65 0.23 0.00 | 44.71 0.26 0.00 | 39.82 0.13 -0.12 | 39.05 0.16 0.00 | 40.58 0.29 0.00 | 40.51 0.31 0.00 | 46.21 0.55 0.00 | 48.53 0.58 0.00 | 48.96 0.64 0.00 | 53.31 0.66 0.00 | 55.35 0.70 0.00 | 56.58 0.45 0.00 | 53.92 0.30 0.00 | 62.07 0.68 0.00 | 57.13 0.60 0.00 | 57.50 0.51 0.00 | 219.68 2.01 0.00 | 67.36 0.45 0.00 | 61.97 0.48 0.00 | 108.21 0.79 -0.07 | 51.70 0.11 -0.15 | 43.62 0.15 -0.01 | 39.00 0.05 0.00 | 47.10 0.12 0.00 |
| MILLIKEN___2 23585 | 44.65 0.23 0.00 | 44.71 0.26 0.00 | 39.82 0.13 -0.12 | 39.05 0.16 0.00 | 40.58 0.29 0.00 | 40.51 0.31 0.00 | 46.21 0.55 0.00 | 48.53 0.58 0.00 | 48.96 0.64 0.00 | 53.31 0.66 0.00 | 55.35 0.70 0.00 | 56.58 0.45 0.00 | 53.92 0.30 0.00 | 62.07 0.68 0.00 | 57.13 0.60 0.00 | 57.50 0.51 0.00 | 219.68 2.01 0.00 | 67.36 0.45 0.00 | 61.97 0.48 0.00 | 108.21 0.79 -0.07 | 51.70 0.11 -0.15 | 43.62 0.15 -0.01 | 39.00 0.05 0.00 | 47.10 0.12 0.00 |
| MILLIKEN___DIESEL 23629 | 44.65 0.23 0.00 | 44.71 0.26 0.00 | 39.82 0.13 -0.12 | 39.05 0.16 0.00 | 40.58 0.29 0.00 | 40.51 0.31 0.00 | 46.21 0.55 0.00 | 48.53 0.58 0.00 | 48.96 0.64 0.00 | 53.31 0.66 0.00 | 55.35 0.70 0.00 | 56.58 0.45 0.00 | 53.92 0.30 0.00 | 62.07 0.68 0.00 | 57.13 0.60 0.00 | 57.50 0.51 0.00 | 219.68 2.01 0.00 | 67.36 0.45 0.00 | 61.97 0.48 0.00 | 108.21 0.79 -0.07 | 51.70 0.11 -0.15 | 43.62 0.15 -0.01 | 39.00 0.05 0.00 | 47.10 0.12 0.00 |
| MILLSEAT___LFGE 323607 | 44.49 0.06 0.00 | 44.70 0.26 0.00 | 39.56 -0.10 -0.08 | 39.01 0.12 0.00 | 40.55 0.26 0.00 | 40.26 0.07 0.00 | 45.32 -0.33 0.00 | 47.09 -0.86 0.00 | 47.89 -0.43 0.00 | 52.65 0.00 0.00 | 55.14 0.49 0.00 | 56.04 -0.09 0.00 | 52.89 -0.73 0.00 | 60.82 -0.57 0.00 | 55.66 -0.87 0.00 | 56.00 -0.99 0.00 | 211.57 -6.11 0.00 | 65.37 -1.54 0.00 | 60.06 -1.43 0.00 | 104.83 -2.56 -0.05 | 49.79 -1.75 -0.10 | 42.06 -1.41 -0.01 | 37.95 -1.00 0.00 | 46.02 -0.97 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 46.41 1.98 0.00 | 46.31 1.87 0.00 | 41.72 1.60 -0.55 | 40.38 1.49 0.00 | 41.82 1.54 0.00 | 41.72 1.52 0.00 | 47.49 1.83 0.00 | 49.98 2.03 0.00 | 50.22 1.90 0.00 | 54.75 2.11 0.00 | 56.78 2.13 0.00 | 58.43 2.30 0.00 | 55.97 2.35 0.00 | 64.00 2.61 0.00 | 58.90 2.37 0.00 | 59.43 2.44 0.00 | 228.35 10.67 0.00 | 70.29 3.37 0.00 | 64.57 3.07 0.00 | 112.64 4.95 -0.34 | 54.66 2.55 -0.68 | 45.61 2.09 -0.06 | 40.77 1.82 0.00 | 49.22 2.24 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 46.51 2.09 0.00 | 46.42 1.97 0.00 | 41.81 1.68 -0.55 | 40.47 1.58 0.00 | 41.91 1.62 0.00 | 41.82 1.63 0.00 | 47.61 1.96 0.00 | 50.11 2.16 0.00 | 50.36 2.03 0.00 | 54.89 2.24 0.00 | 56.93 2.28 0.00 | 58.57 2.45 0.00 | 56.11 2.49 0.00 | 64.18 2.78 0.00 | 59.05 2.51 0.00 | 59.58 2.60 0.00 | 229.00 11.33 0.00 | 70.49 3.57 0.00 | 64.74 3.25 0.00 | 112.95 5.27 -0.34 | 54.80 2.68 -0.68 | 45.74 2.22 -0.06 | 40.87 1.92 0.00 | 49.33 2.35 0.00 |
| MODEL_CITY_ENERGY 24167 | 43.37 -1.05 0.00 | 43.64 -0.80 0.00 | 38.62 -1.03 -0.08 | 38.10 -0.79 0.00 | 39.59 -0.71 0.00 | 39.14 -1.05 0.00 | 43.83 -1.82 0.00 | 45.38 -2.58 0.00 | 46.13 -2.19 0.00 | 50.90 -1.75 0.00 | 53.46 -1.19 0.00 | 54.25 -1.88 0.00 | 51.03 -2.59 0.00 | 58.63 -2.76 0.00 | 53.60 -2.94 0.00 | 53.86 -3.12 0.00 | 203.09 -14.58 0.00 | 62.80 -4.11 0.00 | 57.71 -3.79 0.00 | 100.83 -6.57 -0.05 | 47.90 -3.65 -0.10 | 40.57 -2.89 -0.01 | 36.73 -2.21 0.00 | 44.65 -2.33 0.00 |
| MODERN_LFGE___ 323580 | 43.37 -1.05 0.00 | 43.64 -0.80 0.00 | 38.62 -1.03 -0.08 | 38.10 -0.79 0.00 | 39.59 -0.71 0.00 | 39.14 -1.05 0.00 | 43.83 -1.82 0.00 | 45.38 -2.58 0.00 | 46.13 -2.19 0.00 | 50.90 -1.75 0.00 | 53.46 -1.19 0.00 | 54.25 -1.88 0.00 | 51.03 -2.59 0.00 | 58.63 -2.76 0.00 | 53.60 -2.94 0.00 | 53.86 -3.12 0.00 | 203.09 -14.58 0.00 | 62.80 -4.11 0.00 | 57.71 -3.79 0.00 | 100.83 -6.57 -0.05 | 47.90 -3.65 -0.10 | 40.57 -2.89 -0.01 | 36.73 -2.21 0.00 | 44.65 -2.33 0.00 |
| MOHAWK_PAPER___DRP 24187 | 46.11 1.68 0.00 | 46.08 1.64 0.00 | 41.76 1.51 -0.68 | 40.35 1.46 0.00 | 41.75 1.47 0.00 | 41.59 1.39 0.00 | 47.14 1.48 0.00 | 49.61 1.66 0.00 | 49.85 1.53 0.00 | 54.21 1.56 0.00 | 56.13 1.48 0.00 | 57.63 1.50 0.00 | 55.16 1.54 0.00 | 63.11 1.72 0.00 | 58.27 1.73 0.00 | 58.84 1.86 0.00 | 225.01 7.33 0.00 | 69.23 2.32 0.00 | 63.63 2.14 0.00 | 111.43 3.67 -0.42 | 54.13 1.86 -0.84 | 45.09 1.56 -0.08 | 40.33 1.38 0.00 | 48.62 1.64 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 48.08 3.65 0.00 | 48.04 3.60 0.00 | 43.44 3.17 -0.70 | 41.99 3.11 0.00 | 43.32 3.03 0.00 | 42.89 2.69 0.00 | 48.78 3.12 0.00 | 51.19 3.23 0.00 | 51.43 3.11 0.00 | 55.78 3.12 0.00 | 57.65 3.00 0.00 | 59.13 3.00 0.00 | 56.41 2.79 0.00 | 64.57 3.18 0.00 | 59.92 3.39 0.00 | 60.55 3.57 0.00 | 231.98 14.30 0.00 | 71.32 4.40 0.00 | 65.67 4.18 0.00 | 114.89 7.11 -0.43 | 55.75 3.45 -0.86 | 46.31 2.77 -0.08 | 41.36 2.40 0.00 | 49.86 2.88 -0.01 |
| MONGAUP___HYD 23641 | 46.65 2.22 0.00 | 46.58 2.14 0.00 | 41.92 1.84 -0.51 | 40.64 1.75 0.00 | 42.11 1.82 0.00 | 42.03 1.84 0.00 | 47.92 2.26 0.00 | 50.43 2.48 0.00 | 50.53 2.21 0.00 | 55.02 2.37 0.00 | 56.95 2.31 0.00 | 58.56 2.43 0.00 | 56.02 2.41 0.00 | 64.18 2.79 0.00 | 59.10 2.56 0.00 | 59.69 2.70 0.00 | 230.02 12.34 0.00 | 70.84 3.93 0.00 | 65.11 3.62 0.00 | 113.65 5.99 -0.31 | 55.03 2.96 -0.63 | 45.93 2.42 -0.06 | 41.02 2.06 0.00 | 49.42 2.44 0.00 |
| MONTAUK___DIESEL 23721 | 49.43 5.00 0.00 | 49.08 4.64 0.00 | 44.07 3.94 -0.55 | 42.50 3.61 0.00 | 44.16 3.87 0.00 | 43.77 3.57 0.00 | 49.13 3.48 0.00 | 50.70 2.74 0.00 | 50.35 2.03 0.00 | 53.95 1.30 0.00 | 58.70 1.60 -2.46 | 57.73 1.60 0.00 | 55.60 1.98 0.00 | 64.30 2.91 0.00 | 59.32 2.78 0.00 | 58.50 1.51 0.00 | 231.94 10.70 -3.56 | 71.48 4.34 -0.22 | 66.69 4.58 -0.62 | 115.41 6.50 -1.56 | 54.18 2.05 -0.68 | 45.21 1.69 -0.06 | 40.05 1.10 0.00 | 48.50 1.51 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 42.33 -2.09 0.00 | 42.73 -1.71 0.00 | 37.77 -1.90 -0.10 | 37.18 -1.71 0.00 | 38.66 -1.63 0.00 | 38.88 -1.32 0.00 | 44.13 -1.52 0.00 | 45.39 -2.57 0.00 | 46.58 -1.74 0.00 | 51.19 -1.46 0.00 | 53.55 -1.10 0.00 | 54.90 -1.23 0.00 | 51.39 -2.23 0.00 | 58.66 -2.73 0.00 | 53.94 -2.59 0.00 | 54.53 -2.46 0.00 | 205.48 -12.20 0.00 | 62.93 -3.99 0.00 | 58.11 -3.39 0.00 | 102.19 -5.22 -0.06 | 48.66 -2.90 -0.12 | 41.31 -2.16 -0.01 | 37.16 -1.79 0.00 | 45.42 -1.56 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 42.50 -1.93 0.00 | 42.83 -1.61 0.00 | 37.98 -1.71 -0.12 | 37.44 -1.44 0.00 | 39.09 -1.20 0.00 | 39.15 -1.04 0.00 | 44.36 -1.29 0.00 | 45.86 -2.09 0.00 | 46.78 -1.55 0.00 | 51.29 -1.36 0.00 | 53.58 -1.06 0.00 | 54.49 -1.64 0.00 | 51.67 -1.95 0.00 | 59.51 -1.89 0.00 | 54.00 -2.54 0.00 | 54.17 -2.82 0.00 | 205.68 -12.00 0.00 | 63.06 -3.86 0.00 | 57.87 -3.62 0.00 | 101.41 -6.00 -0.07 | 48.31 -3.27 -0.14 | 40.92 -2.55 -0.01 | 36.84 -2.12 0.00 | 44.81 -2.17 0.00 |
| MORTIMER_115KV_TB3 55949 | 44.17 -0.26 0.00 | 44.28 -0.16 0.00 | 39.28 -0.36 -0.07 | 38.67 -0.22 0.00 | 40.17 -0.12 0.00 | 40.03 -0.17 0.00 | 45.31 -0.34 0.00 | 47.28 -0.67 0.00 | 47.95 -0.37 0.00 | 52.55 -0.10 0.00 | 54.91 0.26 0.00 | 55.99 -0.14 0.00 | 53.08 -0.53 0.00 | 61.00 -0.39 0.00 | 55.94 -0.59 0.00 | 56.29 -0.70 0.00 | 213.89 -3.79 0.00 | 65.87 -1.04 0.00 | 60.50 -1.00 0.00 | 105.58 -1.80 -0.04 | 50.27 -1.25 -0.08 | 42.42 -1.05 -0.01 | 38.14 -0.81 0.00 | 46.10 -0.88 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 46.65 2.22 0.00 | 46.51 2.06 0.00 | 41.89 1.77 -0.55 | 40.53 1.65 0.00 | 41.98 1.69 0.00 | 41.91 1.71 0.00 | 47.73 2.07 0.00 | 50.26 2.30 0.00 | 50.54 2.22 0.00 | 55.32 2.51 -0.16 | 57.60 2.57 -0.38 | 62.21 2.78 -3.29 | 58.66 2.81 -2.23 | 64.53 3.10 -0.05 | 59.40 2.81 -0.06 | 59.90 2.87 -0.05 | 229.79 12.12 0.00 | 70.74 3.82 0.00 | 65.00 3.50 0.00 | 113.39 5.70 -0.34 | 55.07 2.91 -0.72 | 45.95 2.41 -0.07 | 41.04 2.09 0.00 | 49.52 2.53 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 45.86 1.44 0.00 | 45.79 1.34 0.00 | 40.81 1.06 -0.18 | 39.84 0.95 0.00 | 41.56 1.27 0.00 | 41.55 1.35 0.00 | 47.80 2.14 0.00 | 50.62 2.67 0.00 | 50.73 2.41 0.00 | 54.64 1.99 0.00 | 56.16 1.51 0.00 | 57.43 1.30 0.00 | 54.53 0.91 0.00 | 63.29 1.89 0.00 | 58.41 1.87 0.00 | 58.53 1.54 0.00 | 223.66 5.98 0.00 | 68.64 1.73 0.00 | 63.18 1.69 0.00 | 110.05 2.59 -0.11 | 52.81 1.15 -0.22 | 44.58 1.11 -0.02 | 39.80 0.85 0.00 | 47.82 0.84 0.00 |
| N SALMON___HYD 24042 | 43.76 -0.66 0.00 | 43.78 -0.67 0.00 | 39.05 -0.52 0.00 | 38.20 -0.69 0.00 | 39.64 -0.65 0.00 | 40.70 0.50 0.00 | 46.83 1.17 0.00 | 49.21 1.26 0.00 | 50.04 1.72 0.00 | 54.74 2.09 0.00 | 57.31 2.67 0.00 | 59.87 3.75 0.00 | 56.79 3.17 0.00 | 64.81 3.42 0.00 | 59.49 2.96 0.00 | 59.60 2.62 0.00 | 222.34 4.67 0.00 | 69.14 2.23 0.00 | 63.68 2.18 0.00 | 111.13 3.79 0.00 | 53.05 1.62 0.00 | 44.56 1.10 0.00 | 40.24 1.29 0.00 | 48.23 1.25 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 44.31 -0.12 0.00 | 44.53 0.09 0.00 | 39.41 -0.24 -0.08 | 38.87 -0.02 0.00 | 40.40 0.11 0.00 | 40.07 -0.12 0.00 | 45.05 -0.60 0.00 | 46.76 -1.19 0.00 | 47.55 -0.77 0.00 | 52.32 -0.33 0.00 | 54.86 0.21 0.00 | 55.73 -0.40 0.00 | 52.55 -1.07 0.00 | 60.41 -0.99 0.00 | 55.26 -1.27 0.00 | 55.55 -1.43 0.00 | 210.43 -7.25 0.00 | 64.83 -2.09 0.00 | 59.56 -1.94 0.00 | 104.04 -3.36 -0.05 | 49.39 -2.15 -0.10 | 41.76 -1.71 -0.01 | 37.73 -1.22 0.00 | 45.78 -1.20 0.00 |
| N.E_GEN_SANDY PD 24062 | 46.54 1.87 -0.24 | 47.37 1.80 -1.14 | 43.30 1.61 -2.12 | 43.35 1.57 -2.90 | 43.77 1.56 -1.93 | 42.86 1.50 -1.17 | 47.27 1.62 0.00 | 50.10 1.78 -0.36 | 49.94 1.62 0.00 | 54.29 1.64 0.00 | 56.11 1.46 0.00 | 57.74 1.61 0.00 | 55.38 1.76 0.00 | 63.30 1.91 0.00 | 58.42 1.88 0.00 | 63.35 2.06 -4.30 | 209.24 8.54 16.97 | 70.63 2.68 -1.03 | 65.49 2.50 -1.50 | 118.49 4.14 -7.00 | 64.03 2.15 -10.45 | 47.40 1.79 -2.15 | 59.63 1.59 -19.08 | 49.59 1.93 -0.68 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 46.33 1.91 0.00 | 46.25 1.81 0.00 | 41.64 1.54 -0.54 | 40.33 1.44 0.00 | 41.75 1.46 0.00 | 41.63 1.44 0.00 | 47.38 1.72 0.00 | 49.86 1.91 0.00 | 50.06 1.74 0.00 | 54.59 1.94 0.00 | 56.60 1.95 0.00 | 58.25 2.12 0.00 | 55.79 2.17 0.00 | 63.82 2.43 0.00 | 58.72 2.19 0.00 | 59.27 2.28 0.00 | 228.26 10.58 0.00 | 70.29 3.37 0.00 | 64.50 3.01 0.00 | 112.42 4.74 -0.33 | 54.52 2.42 -0.66 | 45.50 1.98 -0.06 | 40.67 1.72 0.00 | 49.15 2.16 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 46.72 2.29 0.00 | 46.58 2.13 0.00 | 41.94 1.81 -0.55 | 40.50 1.61 0.00 | 41.94 1.65 0.00 | 41.95 1.75 0.00 | 47.75 2.09 0.00 | 50.27 2.31 0.00 | 50.54 2.22 0.00 | 59.76 2.73 -4.38 | 67.78 2.81 -10.32 | 148.08 3.25 -88.70 | 116.82 3.15 -60.05 | 65.89 3.23 -1.27 | 60.96 2.77 -1.66 | 60.93 2.69 -1.26 | 229.55 11.87 0.00 | 70.66 3.75 0.00 | 64.89 3.39 0.00 | 113.55 5.86 -0.34 | 56.22 3.06 -1.73 | 46.36 2.57 -0.33 | 41.11 2.16 0.00 | 49.56 2.58 0.00 |
| N.TROY___115KV_TB1 355778 | 46.42 2.00 0.00 | 46.38 1.94 0.00 | 42.02 1.77 -0.68 | 40.59 1.70 0.00 | 41.98 1.69 0.00 | 41.79 1.59 0.00 | 47.35 1.70 0.00 | 49.80 1.85 0.00 | 50.04 1.72 0.00 | 54.37 1.73 0.00 | 56.22 1.57 0.00 | 57.77 1.65 0.00 | 55.31 1.69 0.00 | 63.25 1.85 0.00 | 58.45 1.92 0.00 | 59.04 2.06 0.00 | 225.93 8.26 0.00 | 69.51 2.59 0.00 | 63.90 2.40 0.00 | 111.87 4.10 -0.42 | 54.34 2.06 -0.85 | 45.23 1.70 -0.08 | 40.47 1.52 0.00 | 48.83 1.84 0.00 |
| NARROWS_GT1_1 24228 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT1_2 24229 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT1_3 24230 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT1_4 24231 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT1_5 24232 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |

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|---|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT1_7 24234 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT1_8 24235 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT2_1 24236 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT2_2 24237 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT2_3 24238 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT2_4 24239 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT2_5 24240 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT2_6 24241 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT2_7 24242 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NARROWS_GT2_8 24243 | 46.69 2.26 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.89 2.85 -4.39 | 67.83 2.86 -10.32 | 148.18 3.35 -88.70 | 116.94 3.27 -60.05 | 65.93 3.26 -1.27 | 61.13 2.93 -1.66 | 61.20 2.96 -1.26 | 230.20 12.52 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.65 5.97 -0.34 | 56.33 3.16 -1.74 | 46.40 2.61 -0.33 | 41.15 2.20 0.00 | 49.61 2.62 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 46.78 2.35 0.00 | 46.77 2.33 0.00 | 42.35 2.13 -0.64 | 40.98 2.09 0.00 | 42.42 2.13 0.00 | 42.29 2.10 0.00 | 48.07 2.41 0.00 | 50.65 2.70 0.00 | 50.93 2.61 0.00 | 55.38 2.73 0.00 | 57.25 2.60 0.00 | 58.79 2.66 0.00 | 56.19 2.57 0.00 | 64.42 3.03 0.00 | 59.51 2.98 0.00 | 60.01 3.03 0.00 | 228.20 10.53 0.00 | 70.72 3.81 0.00 | 64.98 3.49 0.00 | 113.75 6.01 -0.40 | 55.10 2.87 -0.79 | 45.89 2.36 -0.07 | 41.00 2.05 0.00 | 49.34 2.35 0.00 |
| NCHELSEA_115KV_TR2 355582 | 46.73 2.31 0.00 | 46.65 2.21 0.00 | 42.04 1.91 -0.55 | 40.71 1.83 0.00 | 42.16 1.88 0.00 | 42.08 1.89 0.00 | 47.93 2.28 0.00 | 50.46 2.51 0.00 | 50.71 2.39 0.00 | 55.25 2.60 0.00 | 57.26 2.61 0.00 | 58.91 2.78 0.00 | 56.41 2.79 0.00 | 64.53 3.14 0.00 | 59.42 2.88 0.00 | 59.98 3.00 0.00 | 230.28 12.61 0.00 | 70.90 3.99 0.00 | 65.17 3.68 0.00 | 113.79 6.10 -0.34 | 55.14 3.02 -0.68 | 45.99 2.47 -0.06 | 41.07 2.12 0.00 | 49.52 2.53 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 47.18 2.76 0.00 | 47.16 2.71 0.00 | 42.69 2.42 -0.70 | 41.23 2.35 0.00 | 42.64 2.35 0.00 | 42.42 2.22 0.00 | 48.18 2.53 0.00 | 50.64 2.68 0.00 | 50.91 2.58 0.00 | 55.30 2.65 0.00 | 57.26 2.61 0.00 | 58.77 2.64 0.00 | 56.14 2.52 0.00 | 64.23 2.84 0.00 | 59.42 2.88 0.00 | 60.02 3.03 0.00 | 229.75 12.07 0.00 | 70.71 3.80 0.00 | 65.02 3.52 0.00 | 113.82 6.04 -0.43 | 55.22 2.93 -0.86 | 45.93 2.39 -0.08 | 41.04 2.09 0.00 | 49.47 2.48 -0.01 |
| NEG CENTRAL_HIGH_ACRES 23767 | 43.31 -1.12 0.00 | 43.40 -1.05 0.00 | 38.53 -1.11 -0.06 | 37.91 -0.98 0.00 | 39.37 -0.92 0.00 | 39.30 -0.90 0.00 | 44.54 -1.11 0.00 | 46.57 -1.39 0.00 | 47.14 -1.18 0.00 | 51.61 -1.04 0.00 | 53.85 -0.79 0.00 | 54.97 -1.16 0.00 | 52.18 -1.44 0.00 | 59.98 -1.41 0.00 | 55.08 -1.46 0.00 | 55.44 -1.55 0.00 | 210.60 -7.08 0.00 | 64.88 -2.03 0.00 | 59.60 -1.90 0.00 | 104.02 -3.37 -0.04 | 49.56 -1.96 -0.08 | 41.81 -1.66 -0.01 | 37.54 -1.42 0.00 | 45.33 -1.66 0.00 |

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| NEG CENTRAL___DRP 24199 | 43.90 -0.52 0.00 | 43.99 -0.45 0.00 | 39.11 -0.52 -0.06 | 38.45 -0.44 0.00 | 39.92 -0.37 0.00 | 39.85 -0.35 0.00 | 45.32 -0.33 0.00 | 47.53 -0.43 0.00 | 48.01 -0.31 0.00 | 52.41 -0.24 0.00 | 54.51 -0.13 0.00 | 55.74 -0.39 0.00 | 53.08 -0.54 0.00 | 61.03 -0.36 0.00 | 56.29 -0.24 0.00 | 56.72 -0.27 0.00 | 216.39 -1.29 0.00 | 66.51 -0.41 0.00 | 61.11 -0.39 0.00 | 106.65 -0.74 -0.04 | 50.84 -0.67 -0.08 | 42.93 -0.54 -0.01 | 38.45 -0.50 0.00 | 46.41 -0.57 0.00 |
| NEG CENTRAL___INDECK 23768 | 44.78 0.35 0.00 | 44.90 0.45 0.00 | 39.84 0.17 -0.10 | 39.25 0.37 0.00 | 40.93 0.64 0.00 | 41.02 0.82 0.00 | 46.62 0.97 0.00 | 48.49 0.54 0.00 | 49.32 1.00 0.00 | 53.92 1.27 0.00 | 56.20 1.55 0.00 | 57.13 1.01 0.00 | 54.36 0.74 0.00 | 62.73 1.33 0.00 | 57.22 0.68 0.00 | 57.55 0.56 0.00 | 218.62 0.94 0.00 | 67.38 0.47 0.00 | 61.79 0.30 0.00 | 108.03 0.62 -0.06 | 51.38 -0.18 -0.12 | 43.31 -0.16 -0.01 | 38.87 -0.08 0.00 | 46.98 0.00 0.00 |
| NEG CENTRAL___SENECA 23627 | 44.04 -0.38 0.00 | 44.11 -0.33 0.00 | 39.19 -0.44 -0.06 | 38.55 -0.34 0.00 | 40.04 -0.25 0.00 | 39.97 -0.23 0.00 | 45.44 -0.22 0.00 | 47.60 -0.36 0.00 | 48.13 -0.19 0.00 | 52.59 -0.06 0.00 | 54.74 0.10 0.00 | 55.91 -0.21 0.00 | 53.19 -0.43 0.00 | 61.18 -0.21 0.00 | 56.35 -0.18 0.00 | 56.79 -0.19 0.00 | 216.52 -1.15 0.00 | 66.57 -0.34 0.00 | 61.16 -0.33 0.00 | 106.72 -0.67 -0.04 | 50.84 -0.67 -0.08 | 42.90 -0.56 -0.01 | 38.46 -0.49 0.00 | 46.42 -0.57 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 44.24 -0.18 0.00 | 44.31 -0.13 0.00 | 39.42 -0.22 -0.07 | 38.73 -0.16 0.00 | 40.23 -0.06 0.00 | 40.13 -0.06 0.00 | 45.71 0.06 0.00 | 47.96 0.01 0.00 | 48.40 0.08 0.00 | 52.74 0.09 0.00 | 54.82 0.17 0.00 | 56.10 -0.03 0.00 | 53.40 -0.22 0.00 | 61.42 0.02 0.00 | 56.56 0.03 0.00 | 56.96 -0.02 0.00 | 217.46 -0.22 0.00 | 66.61 -0.31 0.00 | 61.36 -0.13 0.00 | 107.20 -0.19 -0.04 | 51.06 -0.47 -0.09 | 43.23 -0.24 -0.01 | 38.63 -0.32 0.00 | 46.69 -0.29 0.00 |
| NEG MILLWOOD___DRP 24198 | 46.86 2.43 0.00 | 46.76 2.32 0.00 | 42.14 2.01 -0.56 | 40.79 1.91 0.00 | 42.26 1.97 0.00 | 42.19 2.00 0.00 | 48.07 2.42 0.00 | 50.62 2.67 0.00 | 50.87 2.55 0.00 | 55.42 2.78 0.00 | 57.46 2.81 0.00 | 59.10 2.97 0.00 | 56.62 3.00 0.00 | 64.74 3.34 0.00 | 59.59 3.06 0.00 | 60.15 3.16 0.00 | 230.94 13.26 0.00 | 71.11 4.20 0.00 | 65.37 3.88 0.00 | 114.11 6.42 -0.35 | 55.31 3.18 -0.69 | 46.13 2.60 -0.06 | 41.18 2.23 0.00 | 49.65 2.66 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 43.70 -0.73 0.00 | 43.70 -0.74 0.00 | 39.01 -0.56 0.00 | 38.16 -0.73 0.00 | 39.56 -0.72 0.00 | 40.70 0.50 0.00 | 46.92 1.26 0.00 | 49.26 1.30 0.00 | 50.00 1.68 0.00 | 54.68 2.03 0.00 | 57.32 2.67 0.00 | 59.84 3.71 0.00 | 56.72 3.10 0.00 | 64.69 3.30 0.00 | 59.49 2.95 0.00 | 59.72 2.74 0.00 | 223.07 5.40 0.00 | 69.25 2.33 0.00 | 63.88 2.38 0.00 | 111.47 4.12 0.00 | 53.19 1.75 0.00 | 44.69 1.23 0.00 | 40.36 1.41 0.00 | 48.40 1.42 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 43.14 -1.29 0.00 | 43.15 -1.30 0.00 | 38.53 -1.05 0.00 | 37.66 -1.22 0.00 | 39.07 -1.22 0.00 | 40.23 0.04 0.00 | 46.39 0.73 0.00 | 48.68 0.73 0.00 | 49.43 1.11 0.00 | 54.00 1.35 0.00 | 56.63 1.98 0.00 | 59.17 3.04 0.00 | 56.05 2.43 0.00 | 64.04 2.65 0.00 | 58.77 2.24 0.00 | 58.96 1.98 0.00 | 220.04 2.37 0.00 | 68.49 1.58 0.00 | 63.14 1.65 0.00 | 110.24 2.90 0.00 | 52.62 1.18 0.00 | 44.20 0.74 0.00 | 39.90 0.95 0.00 | 47.82 0.84 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 43.82 -0.61 0.00 | 43.82 -0.62 0.00 | 39.09 -0.48 0.00 | 38.24 -0.65 0.00 | 39.69 -0.60 0.00 | 40.81 0.61 0.00 | 47.06 1.40 0.00 | 49.41 1.46 0.00 | 50.17 1.85 0.00 | 54.84 2.19 0.00 | 57.45 2.80 0.00 | 59.94 3.81 0.00 | 56.77 3.15 0.00 | 64.70 3.30 0.00 | 59.59 3.06 0.00 | 59.84 2.86 0.00 | 223.57 5.89 0.00 | 69.51 2.60 0.00 | 64.11 2.62 0.00 | 111.86 4.52 0.00 | 53.37 1.93 0.00 | 44.82 1.36 0.00 | 40.45 1.50 0.00 | 48.49 1.51 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 43.82 -0.61 0.00 | 43.82 -0.62 0.00 | 39.09 -0.48 0.00 | 38.24 -0.65 0.00 | 39.69 -0.60 0.00 | 40.81 0.61 0.00 | 47.06 1.40 0.00 | 49.41 1.46 0.00 | 50.17 1.85 0.00 | 54.84 2.19 0.00 | 57.45 2.80 0.00 | 59.94 3.81 0.00 | 56.77 3.15 0.00 | 64.70 3.30 0.00 | 59.59 3.06 0.00 | 59.84 2.86 0.00 | 223.57 5.89 0.00 | 69.51 2.60 0.00 | 64.11 2.62 0.00 | 111.86 4.52 0.00 | 53.37 1.93 0.00 | 44.82 1.36 0.00 | 40.45 1.50 0.00 | 48.49 1.51 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 43.82 -0.61 0.00 | 43.82 -0.62 0.00 | 39.09 -0.48 0.00 | 38.24 -0.64 0.00 | 39.70 -0.59 0.00 | 40.81 0.61 0.00 | 47.06 1.40 0.00 | 49.41 1.46 0.00 | 50.17 1.85 0.00 | 54.84 2.19 0.00 | 57.45 2.81 0.00 | 59.94 3.81 0.00 | 56.77 3.15 0.00 | 64.70 3.30 0.00 | 59.59 3.06 0.00 | 59.84 2.86 0.00 | 223.79 6.11 0.00 | 69.51 2.60 0.00 | 64.11 2.61 0.00 | 111.86 4.52 0.00 | 53.37 1.93 0.00 | 44.82 1.36 0.00 | 40.45 1.50 0.00 | 48.48 1.50 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 43.70 -0.72 0.00 | 43.96 -0.48 0.00 | 38.89 -0.77 -0.08 | 38.36 -0.53 0.00 | 39.86 -0.43 0.00 | 39.50 -0.69 0.00 | 44.30 -1.36 0.00 | 45.86 -2.09 0.00 | 46.66 -1.67 0.00 | 51.43 -1.21 0.00 | 53.98 -0.66 0.00 | 54.81 -1.32 0.00 | 51.58 -2.04 0.00 | 59.31 -2.09 0.00 | 54.20 -2.33 0.00 | 54.46 -2.53 0.00 | 205.99 -11.69 0.00 | 63.46 -3.45 0.00 | 58.31 -3.18 0.00 | 101.91 -5.49 -0.05 | 48.40 -3.14 -0.10 | 40.99 -2.48 -0.01 | 37.10 -1.85 0.00 | 45.08 -1.90 0.00 |
| NEG WEST___LANCASTR 23811 | 43.90 -0.52 0.00 | 44.19 -0.26 0.00 | 39.04 -0.63 -0.10 | 38.52 -0.37 0.00 | 40.03 -0.26 0.00 | 39.81 -0.38 0.00 | 44.96 -0.70 0.00 | 46.57 -1.39 0.00 | 47.44 -0.88 0.00 | 52.12 -0.53 0.00 | 54.65 0.00 0.00 | 55.60 -0.52 0.00 | 52.44 -1.18 0.00 | 60.39 -1.00 0.00 | 55.14 -1.39 0.00 | 55.41 -1.58 0.00 | 210.10 -7.57 0.00 | 64.53 -2.38 0.00 | 59.34 -2.16 0.00 | 103.80 -3.61 -0.06 | 49.30 -2.26 -0.12 | 41.73 -1.75 -0.01 | 37.61 -1.34 0.00 | 45.71 -1.27 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 44.20 -0.22 0.00 | 44.30 -0.15 0.00 | 39.48 -0.28 -0.18 | 38.68 -0.21 0.00 | 40.17 -0.12 0.00 | 40.06 -0.14 0.00 | 45.65 -0.01 0.00 | 47.76 -0.19 0.00 | 48.32 -0.01 0.00 | 52.65 0.00 0.00 | 54.75 0.10 0.00 | 56.06 -0.07 0.00 | 53.48 -0.15 0.00 | 61.43 0.04 0.00 | 56.35 -0.18 0.00 | 56.74 -0.25 0.00 | 216.63 -1.04 0.00 | 66.40 -0.51 0.00 | 61.09 -0.41 0.00 | 106.81 -0.65 -0.11 | 51.15 -0.52 -0.23 | 43.10 -0.38 -0.02 | 38.56 -0.39 0.00 | 46.65 -0.33 0.00 |
| NEG___GEN_MONROE 24207 | 44.57 0.14 0.00 | 44.76 0.31 0.00 | 39.65 0.01 -0.07 | 39.08 0.19 0.00 | 40.58 0.29 0.00 | 40.45 0.25 0.00 | 45.75 0.09 0.00 | 47.62 -0.34 0.00 | 48.29 -0.03 0.00 | 52.95 0.30 0.00 | 55.35 0.70 0.00 | 56.42 0.29 0.00 | 53.42 -0.20 0.00 | 61.42 0.03 0.00 | 56.31 -0.22 0.00 | 56.66 -0.32 0.00 | 215.21 -2.47 0.00 | 66.31 -0.60 0.00 | 60.90 -0.60 0.00 | 106.28 -1.10 -0.04 | 50.53 -0.99 -0.08 | 42.65 -0.82 -0.01 | 38.37 -0.58 0.00 | 46.38 -0.61 0.00 |
| NEPA___ENERGY 23901 | 42.95 -1.48 0.00 | 43.33 -1.12 0.00 | 38.21 -1.47 -0.10 | 37.66 -1.22 0.00 | 39.23 -1.06 0.00 | 39.10 -1.10 0.00 | 44.42 -1.23 0.00 | 45.81 -2.14 0.00 | 46.76 -1.56 0.00 | 51.23 -1.42 0.00 | 53.64 -1.01 0.00 | 54.63 -1.51 0.00 | 51.57 -2.05 0.00 | 59.35 -2.05 0.00 | 54.17 -2.37 0.00 | 54.53 -2.46 0.00 | 207.43 -10.24 0.00 | 63.32 -3.59 0.00 | 58.39 -3.10 0.00 | 102.29 -5.12 -0.06 | 48.59 -2.98 -0.12 | 41.19 -2.28 -0.01 | 36.95 -2.00 0.00 | 45.21 -1.77 0.00 |

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| NEVERSINK___HYD 23608 | 46.12 1.69 0.00 | 46.06 1.62 0.00 | 41.46 1.39 -0.50 | 40.21 1.32 0.00 | 41.67 1.38 0.00 | 41.60 1.41 0.00 | 47.43 1.77 0.00 | 49.94 1.99 0.00 | 50.18 1.86 0.00 | 54.64 2.00 0.00 | 56.67 2.02 0.00 | 58.21 2.08 0.00 | 55.69 2.07 0.00 | 63.79 2.39 0.00 | 58.65 2.12 0.00 | 59.26 2.28 0.00 | 227.86 10.19 0.00 | 70.15 3.24 0.00 | 64.45 2.96 0.00 | 112.54 4.88 -0.31 | 54.45 2.39 -0.62 | 45.44 1.92 -0.06 | 40.57 1.62 0.00 | 48.88 1.90 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 45.77 1.34 0.00 | 45.75 1.30 0.00 | 41.49 1.24 -0.67 | 40.08 1.20 0.00 | 41.49 1.20 0.00 | 41.33 1.14 0.00 | 46.82 1.17 0.00 | 49.31 1.36 0.00 | 49.56 1.23 0.00 | 53.88 1.23 0.00 | 55.79 1.14 0.00 | 57.28 1.16 0.00 | 54.85 1.23 0.00 | 62.78 1.38 0.00 | 57.92 1.38 0.00 | 58.45 1.46 0.00 | 223.49 5.82 0.00 | 68.77 1.85 0.00 | 63.20 1.71 0.00 | 110.67 2.91 -0.42 | 53.76 1.49 -0.83 | 44.83 1.30 -0.08 | 40.11 1.15 0.00 | 48.32 1.34 0.00 |
| NEWTON___FALLS_HYD 23847 | 43.57 -0.85 0.00 | 43.72 -0.72 0.00 | 38.73 -0.85 -0.02 | 38.04 -0.84 0.00 | 39.66 -0.63 0.00 | 40.09 -0.11 0.00 | 45.29 -0.37 0.00 | 47.89 -0.06 0.00 | 48.80 0.48 0.00 | 53.01 0.37 0.00 | 55.91 1.26 0.00 | 57.98 1.85 0.00 | 55.18 1.56 0.00 | 62.89 1.49 0.00 | 57.92 1.38 0.00 | 57.98 0.99 0.00 | 215.98 -1.70 0.00 | 66.92 0.00 0.00 | 61.26 -0.24 0.00 | 106.87 -0.48 -0.01 | 51.34 -0.12 -0.02 | 43.43 -0.03 0.00 | 39.21 0.26 0.00 | 47.17 0.19 0.00 |
| NGRID_A1_DSASP 323792 | 43.33 -1.10 0.00 | 43.60 -0.84 0.00 | 38.55 -1.11 -0.09 | 38.02 -0.86 0.00 | 39.51 -0.78 0.00 | 39.20 -1.00 0.00 | 43.74 -1.92 0.00 | 45.15 -2.80 0.00 | 45.90 -2.42 0.00 | 50.65 -1.99 0.00 | 53.21 -1.44 0.00 | 54.00 -2.13 0.00 | 50.80 -2.82 0.00 | 58.35 -3.04 0.00 | 53.35 -3.19 0.00 | 53.60 -3.39 0.00 | 201.57 -16.11 0.00 | 62.09 -4.82 0.00 | 57.05 -4.44 0.00 | 99.74 -7.66 -0.05 | 47.38 -4.16 -0.10 | 40.32 -3.15 -0.01 | 36.58 -2.37 0.00 | 44.47 -2.51 0.00 |
| NGRID_A2_DSASP 323793 | 43.33 -1.10 0.00 | 43.60 -0.84 0.00 | 38.55 -1.11 -0.09 | 38.02 -0.86 0.00 | 39.51 -0.78 0.00 | 39.20 -1.00 0.00 | 43.74 -1.92 0.00 | 45.15 -2.80 0.00 | 45.90 -2.42 0.00 | 50.65 -1.99 0.00 | 53.21 -1.44 0.00 | 54.00 -2.13 0.00 | 50.80 -2.82 0.00 | 58.35 -3.04 0.00 | 53.35 -3.19 0.00 | 53.60 -3.39 0.00 | 201.57 -16.11 0.00 | 62.09 -4.82 0.00 | 57.05 -4.44 0.00 | 99.74 -7.66 -0.05 | 47.38 -4.16 -0.10 | 40.32 -3.15 -0.01 | 36.58 -2.37 0.00 | 44.47 -2.51 0.00 |
| NGRID_A4_DSASP 323807 | 43.33 -1.10 0.00 | 43.60 -0.84 0.00 | 38.55 -1.11 -0.09 | 38.02 -0.86 0.00 | 39.51 -0.78 0.00 | 39.20 -1.00 0.00 | 43.74 -1.92 0.00 | 45.15 -2.80 0.00 | 45.90 -2.42 0.00 | 50.65 -1.99 0.00 | 53.21 -1.44 0.00 | 54.00 -2.13 0.00 | 50.80 -2.82 0.00 | 58.35 -3.04 0.00 | 53.35 -3.19 0.00 | 53.60 -3.39 0.00 | 201.57 -16.11 0.00 | 62.09 -4.82 0.00 | 57.05 -4.44 0.00 | 99.74 -7.66 -0.05 | 47.38 -4.16 -0.10 | 40.32 -3.15 -0.01 | 36.58 -2.37 0.00 | 44.47 -2.51 0.00 |
| NIAGARA_115E_LBMP 323715 | 43.19 -1.24 0.00 | 43.46 -0.98 0.00 | 38.46 -1.20 -0.09 | 37.94 -0.94 0.00 | 39.40 -0.88 0.00 | 38.93 -1.26 0.00 | 43.55 -2.10 0.00 | 45.08 -2.87 0.00 | 45.82 -2.50 0.00 | 50.59 -2.06 0.00 | 53.14 -1.50 0.00 | 53.92 -2.21 0.00 | 50.71 -2.91 0.00 | 58.25 -3.14 0.00 | 53.23 -3.30 0.00 | 53.50 -3.48 0.00 | 201.71 -15.97 0.00 | 62.38 -4.53 0.00 | 57.31 -4.18 0.00 | 100.17 -7.23 -0.05 | 47.58 -3.96 -0.10 | 40.32 -3.15 -0.01 | 36.52 -2.43 0.00 | 44.42 -2.57 0.00 |
| NIAGARA_115W_LBMP 323714 | 43.28 -1.15 0.00 | 43.54 -0.90 0.00 | 38.51 -1.15 -0.09 | 37.98 -0.91 0.00 | 39.46 -0.84 0.00 | 39.15 -1.04 0.00 | 43.66 -1.99 0.00 | 45.08 -2.88 0.00 | 45.83 -2.49 0.00 | 50.57 -2.07 0.00 | 53.13 -1.52 0.00 | 53.90 -2.23 0.00 | 50.71 -2.92 0.00 | 58.25 -3.14 0.00 | 53.23 -3.30 0.00 | 53.49 -3.49 0.00 | 200.46 -17.22 0.00 | 61.95 -4.96 0.00 | 56.92 -4.57 0.00 | 99.52 -7.88 -0.05 | 47.28 -4.27 -0.10 | 40.25 -3.22 -0.01 | 36.50 -2.45 0.00 | 44.37 -2.61 0.00 |
| NIAGARA_230_LBMP 323716 | 43.37 -1.06 0.00 | 43.64 -0.80 0.00 | 38.59 -1.06 -0.08 | 38.06 -0.82 0.00 | 39.54 -0.75 0.00 | 39.23 -0.97 0.00 | 43.97 -1.69 0.00 | 45.49 -2.47 0.00 | 46.33 -2.00 0.00 | 51.06 -1.59 0.00 | 53.60 -1.04 0.00 | 54.41 -1.72 0.00 | 51.24 -2.38 0.00 | 58.91 -2.49 0.00 | 53.83 -2.71 0.00 | 54.04 -2.94 0.00 | 203.57 -14.10 0.00 | 62.90 -4.02 0.00 | 57.82 -3.68 0.00 | 101.07 -6.33 -0.05 | 48.02 -3.53 -0.10 | 40.68 -2.79 -0.01 | 36.81 -2.14 0.00 | 44.72 -2.26 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 43.27 -1.15 0.00 | 43.54 -0.91 0.00 | 38.51 -1.15 -0.09 | 37.98 -0.91 0.00 | 39.46 -0.83 0.00 | 39.15 -1.04 0.00 | 43.66 -2.00 0.00 | 45.07 -2.88 0.00 | 45.83 -2.49 0.00 | 50.56 -2.09 0.00 | 53.13 -1.52 0.00 | 53.90 -2.23 0.00 | 50.71 -2.91 0.00 | 58.26 -3.14 0.00 | 53.24 -3.29 0.00 | 53.50 -3.49 0.00 | 201.05 -16.63 0.00 | 61.96 -4.96 0.00 | 56.93 -4.56 0.00 | 99.52 -7.88 -0.05 | 47.27 -4.27 -0.10 | 40.25 -3.22 -0.01 | 36.52 -2.43 0.00 | 44.39 -2.59 0.00 |
| NIAGARA____ 23760 | 43.37 -1.06 0.00 | 43.64 -0.80 0.00 | 38.60 -1.06 -0.09 | 38.06 -0.82 0.00 | 39.54 -0.75 0.00 | 39.23 -0.97 0.00 | 43.97 -1.69 0.00 | 45.49 -2.47 0.00 | 46.33 -2.00 0.00 | 51.06 -1.59 0.00 | 53.60 -1.04 0.00 | 54.41 -1.72 0.00 | 51.24 -2.38 0.00 | 58.91 -2.49 0.00 | 53.83 -2.71 0.00 | 54.04 -2.94 0.00 | 203.57 -14.10 0.00 | 62.90 -4.02 0.00 | 57.82 -3.68 0.00 | 101.07 -6.33 -0.05 | 48.02 -3.53 -0.10 | 40.68 -2.79 -0.01 | 36.81 -2.14 0.00 | 44.72 -2.26 0.00 |
| NINE_MILE_1 23575 | 42.79 -1.64 0.00 | 42.82 -1.62 0.00 | 38.15 -1.46 -0.04 | 37.47 -1.42 0.00 | 38.84 -1.45 0.00 | 38.76 -1.43 0.00 | 44.03 -1.63 0.00 | 46.21 -1.74 0.00 | 46.61 -1.71 0.00 | 50.82 -1.83 0.00 | 52.80 -1.84 0.00 | 54.15 -1.98 0.00 | 51.67 -1.95 0.00 | 59.20 -2.19 0.00 | 54.51 -2.03 0.00 | 54.91 -2.08 0.00 | 209.46 -8.21 0.00 | 64.41 -2.50 0.00 | 59.18 -2.32 0.00 | 103.33 -4.04 -0.02 | 49.46 -2.02 -0.05 | 41.79 -1.67 0.00 | 37.47 -1.48 0.00 | 45.18 -1.80 0.00 |
| NINE_MILE_2 23744 | 42.79 -1.64 0.00 | 42.82 -1.62 0.00 | 38.15 -1.46 -0.04 | 37.47 -1.41 0.00 | 38.84 -1.45 0.00 | 38.77 -1.42 0.00 | 44.03 -1.63 0.00 | 46.21 -1.74 0.00 | 46.62 -1.70 0.00 | 50.82 -1.83 0.00 | 52.81 -1.84 0.00 | 54.16 -1.97 0.00 | 51.67 -1.95 0.00 | 59.20 -2.19 0.00 | 54.51 -2.03 0.00 | 54.91 -2.08 0.00 | 209.46 -8.21 0.00 | 64.42 -2.49 0.00 | 59.18 -2.31 0.00 | 103.34 -4.03 -0.02 | 49.47 -2.02 -0.05 | 41.80 -1.67 0.00 | 37.47 -1.48 0.00 | 45.18 -1.80 0.00 |
| NM_CAPITAL___DRP 24208 | 45.82 1.40 0.00 | 45.80 1.35 0.00 | 41.52 1.28 -0.67 | 40.12 1.23 0.00 | 41.52 1.23 0.00 | 41.35 1.16 0.00 | 46.83 1.17 0.00 | 49.29 1.34 0.00 | 49.54 1.22 0.00 | 53.85 1.20 0.00 | 55.75 1.10 0.00 | 57.25 1.13 0.00 | 54.84 1.22 0.00 | 62.74 1.35 0.00 | 57.89 1.36 0.00 | 58.45 1.46 0.00 | 223.46 5.79 0.00 | 68.75 1.83 0.00 | 63.19 1.70 0.00 | 110.66 2.89 -0.42 | 53.77 1.50 -0.83 | 44.83 1.29 -0.08 | 40.10 1.15 0.00 | 48.35 1.36 0.00 |
| NM_CENTRAL___DRP 24181 | 43.56 -0.86 0.00 | 43.60 -0.84 0.00 | 38.82 -0.80 -0.05 | 38.14 -0.75 0.00 | 39.55 -0.74 0.00 | 39.49 -0.70 0.00 | 44.90 -0.76 0.00 | 47.14 -0.81 0.00 | 47.57 -0.75 0.00 | 51.86 -0.79 0.00 | 53.91 -0.74 0.00 | 55.22 -0.91 0.00 | 52.69 -0.93 0.00 | 60.42 -0.98 0.00 | 55.60 -0.94 0.00 | 56.00 -0.98 0.00 | 213.85 -3.82 0.00 | 65.70 -1.21 0.00 | 60.35 -1.14 0.00 | 105.37 -2.01 -0.03 | 50.40 -1.10 -0.06 | 42.55 -0.91 -0.01 | 38.17 -0.78 0.00 | 46.03 -0.96 0.00 |

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|-------------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| NM_FRONTIER___DRP 24179 | 43.27 -1.15 0.00 | 43.54 -0.91 0.00 | 38.51 -1.15 -0.09 | 37.98 -0.91 0.00 | 39.46 -0.83 0.00 | 39.15 -1.04 0.00 | 43.66 -2.00 0.00 | 45.07 -2.88 0.00 | 45.83 -2.49 0.00 | 50.56 -2.09 0.00 | 53.13 -1.52 0.00 | 53.90 -2.23 0.00 | 50.71 -2.91 0.00 | 58.26 -3.14 0.00 | 53.24 -3.29 0.00 | 53.50 -3.49 0.00 | 201.05 -16.63 0.00 | 61.96 -4.96 0.00 | 56.93 -4.56 0.00 | 99.52 -7.88 -0.05 | 47.27 -4.27 -0.10 | 40.25 -3.22 -0.01 | 36.52 -2.43 0.00 | 44.39 -2.59 0.00 |
| NM_ST_REGIS___HYD 24053 | 43.63 -0.80 0.00 | 43.71 -0.73 0.00 | 38.94 -0.64 -0.01 | 38.11 -0.78 0.00 | 39.56 -0.73 0.00 | 40.31 0.12 0.00 | 46.02 0.36 0.00 | 48.36 0.41 0.00 | 49.32 1.00 0.00 | 53.97 1.33 0.00 | 56.63 1.98 0.00 | 59.14 3.02 0.00 | 56.19 2.57 0.00 | 64.03 2.64 0.00 | 58.79 2.26 0.00 | 58.67 1.69 0.00 | 217.92 0.24 0.00 | 67.71 0.80 0.00 | 62.29 0.80 0.00 | 108.77 1.42 -0.01 | 52.01 0.56 -0.01 | 43.80 0.33 0.00 | 39.64 0.69 0.00 | 47.68 0.69 0.00 |
| NORTHPORT___1 23551 | 47.12 2.70 0.00 | 46.81 2.37 0.00 | 42.18 2.06 -0.55 | 40.73 1.84 0.00 | 42.50 2.21 0.00 | 42.37 2.18 0.00 | 47.67 2.02 0.00 | 49.68 1.72 0.00 | 49.80 1.48 0.00 | 53.83 1.19 0.00 | 44.13 2.03 12.55 | 58.42 2.29 0.00 | 56.42 2.80 0.00 | 64.07 2.68 0.00 | 58.82 2.28 0.00 | 58.98 2.00 0.00 | 207.43 7.94 18.18 | 68.64 2.87 1.14 | 61.39 3.05 3.15 | 105.76 4.35 5.94 | 54.33 2.21 -0.68 | 45.61 2.09 -0.06 | 41.07 2.13 0.00 | 49.66 2.68 0.00 |
| NORTHPORT___2 23552 | 47.12 2.70 0.00 | 46.81 2.37 0.00 | 42.18 2.06 -0.55 | 40.73 1.84 0.00 | 42.50 2.21 0.00 | 42.37 2.18 0.00 | 47.67 2.02 0.00 | 49.68 1.72 0.00 | 49.80 1.48 0.00 | 53.83 1.19 0.00 | 44.13 2.03 12.55 | 58.42 2.29 0.00 | 56.42 2.80 0.00 | 64.07 2.68 0.00 | 58.82 2.28 0.00 | 58.98 2.00 0.00 | 207.43 7.94 18.18 | 68.64 2.87 1.14 | 61.39 3.05 3.15 | 105.76 4.35 5.94 | 54.33 2.21 -0.68 | 45.61 2.09 -0.06 | 41.07 2.13 0.00 | 49.66 2.68 0.00 |
| NORTHPORT___3 23553 | 47.12 2.70 0.00 | 46.82 2.38 0.00 | 42.20 2.07 -0.55 | 40.74 1.86 0.00 | 42.48 2.19 0.00 | 42.36 2.17 0.00 | 47.65 2.00 0.00 | 49.64 1.69 0.00 | 49.79 1.47 0.00 | 53.87 1.22 0.00 | 49.36 2.08 7.36 | 58.47 2.35 0.00 | 56.43 2.81 0.00 | 64.07 2.68 0.00 | 58.81 2.28 0.00 | 58.96 1.98 0.00 | 214.80 7.79 10.67 | 69.12 2.88 0.67 | 62.68 3.03 1.85 | 108.34 4.34 3.35 | 54.33 2.21 -0.68 | 45.62 2.09 -0.06 | 41.07 2.12 0.00 | 49.66 2.67 0.00 |
| NORTHPORT___4 23650 | 47.12 2.70 0.00 | 46.82 2.38 0.00 | 42.20 2.07 -0.55 | 40.74 1.86 0.00 | 42.48 2.19 0.00 | 42.36 2.17 0.00 | 47.65 2.00 0.00 | 49.64 1.69 0.00 | 49.79 1.47 0.00 | 53.87 1.22 0.00 | 49.36 2.08 7.36 | 58.47 2.35 0.00 | 56.43 2.81 0.00 | 64.07 2.68 0.00 | 58.81 2.28 0.00 | 58.96 1.98 0.00 | 214.80 7.79 10.67 | 69.12 2.88 0.67 | 62.68 3.03 1.85 | 108.34 4.34 3.35 | 54.33 2.21 -0.68 | 45.62 2.09 -0.06 | 41.07 2.12 0.00 | 49.66 2.67 0.00 |
| NORTHPORT___IC 23718 | 47.12 2.70 0.00 | 46.81 2.37 0.00 | 42.18 2.06 -0.55 | 40.73 1.84 0.00 | 42.49 2.20 0.00 | 42.37 2.18 0.00 | 47.67 2.02 0.00 | 49.67 1.72 0.00 | 49.80 1.48 0.00 | 53.85 1.20 0.00 | 44.10 2.01 12.55 | 58.38 2.25 0.00 | 56.43 2.81 0.00 | 64.08 2.68 0.00 | 58.81 2.28 0.00 | 58.99 2.00 0.00 | 207.28 7.79 18.18 | 68.64 2.87 1.14 | 61.38 3.04 3.15 | 105.76 4.35 5.94 | 54.33 2.21 -0.68 | 45.61 2.09 -0.06 | 41.07 2.12 0.00 | 49.67 2.68 0.00 |
| NORTH___COUNTRY_ESR 323785 | 43.08 -1.35 0.00 | 43.08 -1.36 0.00 | 38.46 -1.11 0.00 | 37.61 -1.27 0.00 | 39.02 -1.27 0.00 | 40.16 -0.03 0.00 | 46.26 0.61 0.00 | 48.54 0.59 0.00 | 49.29 0.97 0.00 | 53.96 1.31 0.00 | 56.54 1.89 0.00 | 59.09 2.96 0.00 | 56.04 2.42 0.00 | 63.93 2.54 0.00 | 58.69 2.16 0.00 | 58.85 1.86 0.00 | 219.72 2.05 0.00 | 68.29 1.38 0.00 | 62.94 1.44 0.00 | 109.92 2.58 0.00 | 52.47 1.03 0.00 | 44.08 0.62 0.00 | 39.80 0.85 0.00 | 47.71 0.73 0.00 |
| NPX_GEN_1385_PROXY 323591 | 47.49 3.06 0.00 | 46.89 2.45 0.00 | 42.41 2.28 -0.55 | 40.81 1.92 0.00 | 41.45 2.96 1.80 | 47.15 3.13 -3.83 | 58.99 3.09 -10.24 | 50.76 2.80 0.00 | 69.40 2.59 -18.49 | 54.36 1.71 0.00 | 43.82 1.72 12.55 | 58.38 2.25 0.00 | 57.37 3.75 0.00 | 69.93 4.13 -4.41 | 59.89 3.36 0.00 | 68.23 3.32 -7.92 | 212.36 12.87 18.18 | 79.29 4.42 -7.96 | 69.15 4.46 -3.20 | 115.62 6.83 -1.45 | 60.02 3.39 -5.19 | 55.35 3.09 -8.80 | 55.28 3.02 -13.31 | 50.60 3.61 0.00 |
| NPX_GEN_CSC 323557 | 48.02 3.60 0.00 | 47.69 3.24 0.00 | 42.91 2.78 -0.55 | 41.44 2.56 0.00 | 41.36 2.87 1.80 | 42.42 2.76 0.53 | 48.40 2.74 0.00 | 50.28 2.32 0.00 | 50.27 1.95 0.00 | 54.24 1.59 0.00 | 59.49 2.37 -2.47 | 58.33 2.20 0.00 | 55.93 2.31 0.00 | 64.33 2.94 0.00 | 59.19 2.66 0.00 | 58.55 1.57 0.00 | 232.20 10.94 -3.58 | 70.97 3.83 -0.22 | 66.26 4.15 -0.62 | 114.35 5.44 -1.56 | 54.28 2.15 -0.68 | 43.29 2.26 2.43 | 41.03 2.08 0.00 | 49.93 2.94 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 48.04 3.61 0.00 | 47.99 3.54 0.00 | 43.40 3.13 -0.70 | 41.94 3.05 0.00 | 43.23 2.94 0.00 | 42.77 2.57 0.00 | 48.63 2.98 0.00 | 51.05 3.10 0.00 | 51.29 2.96 0.00 | 55.63 2.98 0.00 | 57.52 2.88 0.00 | 59.02 2.89 0.00 | 56.28 2.66 0.00 | 64.43 3.03 0.00 | 59.77 3.23 0.00 | 60.38 3.39 0.00 | 231.17 13.50 0.00 | 71.12 4.21 0.00 | 65.47 3.98 0.00 | 114.51 6.73 -0.43 | 55.62 3.32 -0.86 | 46.19 2.65 -0.08 | 41.24 2.30 0.00 | 49.72 2.73 -0.01 |
| NUCOR_STEEL___DRP 24197 | 44.22 -0.20 0.00 | 44.30 -0.15 0.00 | 39.41 -0.24 -0.07 | 38.72 -0.17 0.00 | 40.23 -0.06 0.00 | 40.11 -0.09 0.00 | 45.69 0.03 0.00 | 47.94 -0.01 0.00 | 48.38 0.06 0.00 | 52.70 0.05 0.00 | 54.79 0.14 0.00 | 56.07 -0.05 0.00 | 53.35 -0.27 0.00 | 61.37 -0.02 0.00 | 56.51 -0.03 0.00 | 56.91 -0.08 0.00 | 217.24 -0.43 0.00 | 66.52 -0.39 0.00 | 61.29 -0.20 0.00 | 107.10 -0.28 -0.04 | 50.98 -0.54 -0.09 | 43.20 -0.27 -0.01 | 38.59 -0.36 0.00 | 46.66 -0.32 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 43.99 -0.44 0.00 | 44.22 -0.22 0.00 | 38.96 -0.64 -0.02 | 38.38 -0.51 0.00 | 40.24 -0.05 0.00 | 40.47 0.27 0.00 | 45.64 -0.01 0.00 | 48.55 0.59 0.00 | 49.43 1.11 0.00 | 53.23 0.58 0.00 | 55.92 1.27 0.00 | 57.54 1.42 0.00 | 54.85 1.22 0.00 | 62.56 1.17 0.00 | 57.73 1.19 0.00 | 58.21 1.22 0.00 | 219.28 1.61 0.00 | 67.70 0.79 0.00 | 61.64 0.15 0.00 | 107.52 0.17 -0.01 | 51.77 0.31 -0.03 | 43.74 0.28 0.00 | 39.39 0.45 0.00 | 47.34 0.36 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 44.43 0.00 0.00 | 44.44 0.00 0.00 | 39.57 0.00 0.00 | 38.89 0.00 0.00 | 40.29 0.00 0.00 | 40.20 0.00 0.00 | 45.66 0.00 0.00 | 47.95 0.00 0.00 | 48.32 0.00 0.00 | 52.65 0.00 0.00 | 54.65 0.00 0.00 | 56.13 0.00 0.00 | 53.62 0.00 0.00 | 61.39 0.00 0.00 | 56.53 0.00 0.00 | 56.98 0.00 0.00 | 217.68 0.00 0.00 | 66.91 0.00 0.00 | 61.49 0.00 0.00 | 107.34 0.00 0.00 | 51.44 0.00 0.00 | 43.46 0.00 0.00 | 38.95 0.00 0.00 | 46.98 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 47.76 3.33 0.00 | 47.46 3.02 0.00 | 42.74 2.61 -0.55 | 41.27 2.38 0.00 | 43.00 2.71 0.00 | 42.91 2.71 0.00 | 48.40 2.75 0.00 | 50.50 2.55 0.00 | 50.62 2.30 0.00 | 54.84 2.19 0.00 | 59.78 2.99 -2.14 | 59.31 3.18 0.00 | 57.18 3.56 0.00 | 65.11 3.71 0.00 | 59.80 3.27 0.00 | 60.05 3.06 0.00 | 233.42 12.64 -3.10 | 71.09 3.98 -0.19 | 66.08 4.05 -0.54 | 115.39 6.65 -1.40 | 55.29 3.16 -0.68 | 46.35 2.83 -0.06 | 41.67 2.71 0.00 | 50.31 3.32 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|
| NYPA_GOWANUS____GT5 24156 | 46.69 | 46.56 | 41.93 | 40.56 | 42.01 | 41.98 | 47.83 | 50.36 | 50.68 | 59.89 | 67.83 | 148.18 | 116.94 | 65.93 | 61.13 | 61.20 | 230.12 | 70.83 | 65.10 | 113.65 | 56.33 | 46.40 | 41.15 | 49.61 |
| | 2.26 | 2.12 | 1.80 | 1.67 | 1.72 | 1.78 | 2.17 | 2.41 | 2.36 | 2.85 | 2.86 | 3.35 | 3.27 | 3.26 | 2.93 | 2.96 | 12.44 | 3.92 | 3.61 | 5.97 | 3.16 | 2.61 | 2.20 | 2.62 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA_GOWANUS____GT6 24157 | 46.69 | 46.56 | 41.93 | 40.56 | 42.01 | 41.98 | 47.83 | 50.36 | 50.68 | 59.89 | 67.83 | 148.18 | 116.94 | 65.93 | 61.13 | 61.20 | 230.12 | 70.83 | 65.10 | 113.65 | 56.33 | 46.40 | 41.15 | 49.61 |
| | 2.26 | 2.12 | 1.80 | 1.67 | 1.72 | 1.78 | 2.17 | 2.41 | 2.36 | 2.85 | 2.86 | 3.35 | 3.27 | 3.26 | 2.93 | 2.96 | 12.44 | 3.92 | 3.61 | 5.97 | 3.16 | 2.61 | 2.20 | 2.62 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 46.65 | 46.51 | 41.88 | 40.46 | 41.90 | 41.90 | 47.69 | 50.22 | 50.48 | 59.65 | 67.65 | 147.94 | 116.67 | 65.73 | 60.84 | 60.82 | 229.18 | 70.52 | 64.77 | 113.33 | 56.14 | 46.27 | 41.04 | 49.48 |
| | 2.23 | 2.07 | 1.76 | 1.57 | 1.61 | 1.70 | 2.04 | 2.27 | 2.16 | 2.61 | 2.68 | 3.11 | 3.01 | 3.06 | 2.65 | 2.58 | 11.50 | 3.61 | 3.28 | 5.64 | 2.96 | 2.48 | 2.09 | 2.49 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 46.65 | 46.51 | 41.88 | 40.46 | 41.90 | 41.90 | 47.69 | 50.22 | 50.48 | 59.65 | 67.65 | 147.94 | 116.67 | 65.73 | 60.84 | 60.82 | 229.18 | 70.52 | 64.77 | 113.33 | 56.14 | 46.27 | 41.04 | 49.48 |
| | 2.23 | 2.07 | 1.76 | 1.57 | 1.61 | 1.70 | 2.04 | 2.27 | 2.16 | 2.61 | 2.68 | 3.11 | 3.01 | 3.06 | 2.65 | 2.58 | 11.50 | 3.61 | 3.28 | 5.64 | 2.96 | 2.48 | 2.09 | 2.49 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA_KENT____GT 24152 | 46.74 | 46.60 | 41.97 | 40.60 | 42.05 | 42.01 | 47.86 | 50.36 | 50.69 | 59.86 | 67.84 | 148.10 | 116.86 | 65.97 | 61.18 | 61.26 | 230.42 | 70.90 | 65.15 | 113.68 | 56.34 | 46.40 | 41.17 | 49.66 |
| | 2.31 | 2.16 | 1.84 | 1.71 | 1.76 | 1.82 | 2.20 | 2.41 | 2.37 | 2.83 | 2.87 | 3.27 | 3.19 | 3.30 | 2.99 | 3.02 | 12.74 | 3.99 | 3.66 | 5.99 | 3.17 | 2.61 | 2.22 | 2.67 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA_POUCH1____GT 24155 | 46.58 | 46.46 | 41.85 | 40.48 | 41.93 | 41.90 | 47.74 | 50.29 | 50.57 | 59.78 | 67.68 | 148.08 | 116.84 | 65.74 | 60.93 | 61.03 | 229.61 | 70.65 | 64.93 | 113.36 | 56.19 | 46.28 | 41.03 | 49.50 |
| | 2.16 | 2.02 | 1.73 | 1.60 | 1.65 | 1.70 | 2.08 | 2.34 | 2.25 | 2.74 | 2.71 | 3.24 | 3.17 | 3.07 | 2.74 | 2.78 | 11.94 | 3.74 | 3.44 | 5.67 | 3.01 | 2.49 | 2.08 | 2.51 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA_VERNON____GT2 24162 | 46.78 | 46.64 | 42.00 | 40.63 | 42.09 | 42.04 | 47.88 | 50.41 | 50.73 | 59.84 | 67.85 | 148.02 | 116.81 | 66.01 | 61.23 | 61.33 | 230.56 | 70.96 | 65.20 | 113.75 | 56.35 | 46.43 | 41.20 | 49.69 |
| | 2.36 | 2.20 | 1.87 | 1.75 | 1.80 | 1.85 | 2.23 | 2.46 | 2.41 | 2.81 | 2.88 | 3.19 | 3.14 | 3.34 | 3.04 | 3.08 | 12.89 | 4.05 | 3.71 | 6.06 | 3.18 | 2.64 | 2.25 | 2.70 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA_VERNON____GT3 24163 | 46.78 | 46.64 | 42.00 | 40.63 | 42.09 | 42.04 | 47.88 | 50.41 | 50.73 | 59.84 | 67.85 | 148.02 | 116.81 | 66.01 | 61.23 | 61.33 | 230.56 | 70.96 | 65.20 | 113.75 | 56.35 | 46.43 | 41.20 | 49.69 |
| | 2.36 | 2.20 | 1.87 | 1.75 | 1.80 | 1.85 | 2.23 | 2.46 | 2.41 | 2.81 | 2.88 | 3.19 | 3.14 | 3.34 | 3.04 | 3.08 | 12.89 | 4.05 | 3.71 | 6.06 | 3.18 | 2.64 | 2.25 | 2.70 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA____ASTORIA_CC1 323568 | 46.76 | 46.61 | 41.97 | 40.60 | 42.06 | 42.01 | 47.84 | 50.37 | 50.67 | 59.77 | 67.79 | 147.95 | 116.74 | 65.96 | 61.20 | 61.28 | 230.35 | 70.89 | 65.14 | 113.67 | 56.30 | 46.39 | 41.16 | 49.65 |
| | 2.33 | 2.16 | 1.84 | 1.72 | 1.77 | 1.82 | 2.18 | 2.42 | 2.35 | 2.74 | 2.82 | 3.12 | 3.07 | 3.29 | 3.00 | 3.03 | 12.67 | 3.98 | 3.65 | 5.98 | 3.13 | 2.60 | 2.21 | 2.67 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA____ASTORIA_CC2 323569 | 46.76 | 46.61 | 41.97 | 40.60 | 42.06 | 42.01 | 47.84 | 50.37 | 50.67 | 59.77 | 67.79 | 147.95 | 116.74 | 65.96 | 61.20 | 61.28 | 230.35 | 70.89 | 65.14 | 113.67 | 56.30 | 46.39 | 41.16 | 49.65 |
| | 2.33 | 2.16 | 1.84 | 1.72 | 1.77 | 1.82 | 2.18 | 2.42 | 2.35 | 2.74 | 2.82 | 3.12 | 3.07 | 3.29 | 3.00 | 3.03 | 12.67 | 3.98 | 3.65 | 5.98 | 3.13 | 2.60 | 2.21 | 2.67 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA____HOLTSVILL 23794 | 47.47 | 47.16 | 42.47 | 41.01 | 42.71 | 42.48 | 47.83 | 49.79 | 49.86 | 53.89 | 59.32 | 58.37 | 56.22 | 64.16 | 59.01 | 58.99 | 230.16 | 70.22 | 65.54 | 113.74 | 54.41 | 45.71 | 41.13 | 49.79 |
| | 3.05 | 2.71 | 2.35 | 2.12 | 2.42 | 2.29 | 2.18 | 1.84 | 1.54 | 1.24 | 2.07 | 2.24 | 2.60 | 2.76 | 2.47 | 2.01 | 8.72 | 3.07 | 3.39 | 4.78 | 2.29 | 2.19 | 2.18 | 2.80 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.76 | -0.24 | -0.65 | -1.62 | -0.68 | -0.06 | 0.00 | 0.00 |
| NYPA____HELLGATE_GT1 24158 | 46.65 | 46.51 | 41.88 | 40.46 | 41.90 | 41.90 | 47.69 | 50.17 | 50.47 | 59.65 | 67.65 | 147.94 | 116.68 | 65.78 | 60.86 | 60.87 | 229.34 | 70.52 | 64.77 | 113.34 | 56.14 | 46.27 | 41.04 | 49.48 |
| | 2.23 | 2.07 | 1.76 | 1.57 | 1.61 | 1.70 | 2.03 | 2.22 | 2.15 | 2.61 | 2.68 | 3.11 | 3.01 | 3.11 | 2.67 | 2.63 | 11.67 | 3.61 | 3.28 | 5.65 | 2.96 | 2.48 | 2.09 | 2.49 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYPA____HELLGATE_GT2 24159 | 46.65 | 46.51 | 41.88 | 40.46 | 41.90 | 41.90 | 47.69 | 50.17 | 50.47 | 59.65 | 67.65 | 147.94 | 116.68 | 65.78 | 60.86 | 60.87 | 229.34 | 70.52 | 64.77 | 113.34 | 56.14 | 46.27 | 41.04 | 49.48 |
| | 2.23 | 2.07 | 1.76 | 1.57 | 1.61 | 1.70 | 2.03 | 2.22 | 2.15 | 2.61 | 2.68 | 3.11 | 3.01 | 3.11 | 2.67 | 2.63 | 11.67 | 3.61 | 3.28 | 5.65 | 2.96 | 2.48 | 2.09 | 2.49 |
| | 0.00 | 0.00 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.39 | -10.32 | -88.70 | -60.05 | -1.27 | -1.66 | -1.26 | 0.00 | 0.00 | 0.00 | -0.34 | -1.74 | -0.33 | 0.00 | 0.00 |
| NYS_BARGE____HYD 23848 | 43.74 | 44.00 | 38.92 | 38.40 | 39.90 | 39.51 | 44.30 | 45.88 | 46.66 | 51.46 | 54.02 | 54.83 | 51.61 | 59.31 | 54.20 | 54.49 | 205.50 | 63.52 | 58.36 | 101.99 | 48.43 | 41.00 | 37.10 | 45.08 |
| | -0.69 | -0.45 | -0.74 | -0.48 | -0.39 | -0.69 | -1.36 | -2.08 | -1.66 | -1.19 | -0.63 | -1.30 | -2.01 | -2.09 | -2.33 | -2.50 | -12.17 | -3.40 | -3.14 | -5.40 | -3.11 | -2.47 | -1.85 | -1.91 |
| | 0.00 | 0.00 | -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 | 0.00 | 0.00 | 0.00 | 0.00 | -0.05 | -0.10 | -0.01 | 0.00 | 0.00 |
| OAK ORCHARD____HYD 24046 | 44.17 | 44.28 | 39.28 | 38.67 | 40.17 | 40.03 | 45.31 | 47.28 | 47.95 | 52.56 | 54.91 | 55.99 | 53.08 | 61.00 | 55.94 | 56.29 | 213.50 | 65.87 | 60.50 | 105.59 | 50.27 | 42.42 | 38.13 | 46.09 |
| | -0.26 | -0.16 | -0.36 | -0.22 | -0.12 | -0.16 | -0.34 | -0.67 | -0.37 | -0.09 | 0.26 | -0.14 | -0.54 | -0.39 | -0.59 | -0.70 | -4.17 | -1.04 | -1.00 | -1.80 | -1.25 | -1.05 | -0.82 | -0.89 |
| | 0.00 | 0.00 | -0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | -0.08 | -0.01 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|-------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| OAKDALE___35_KV_LOAD 356122 | 44.05 -0.38 0.00 | 44.15 -0.29 0.00 | 39.36 -0.40 -0.18 | 38.55 -0.34 0.00 | 40.04 -0.25 0.00 | 39.91 -0.29 0.00 | 45.45 -0.20 0.00 | 47.56 -0.40 0.00 | 48.09 -0.23 0.00 | 52.41 -0.23 0.00 | 54.51 -0.14 0.00 | 55.82 -0.31 0.00 | 53.24 -0.38 0.00 | 61.14 -0.25 0.00 | 56.10 -0.43 0.00 | 56.49 -0.49 0.00 | 215.79 -1.89 0.00 | 66.10 -0.81 0.00 | 60.80 -0.69 0.00 | 106.36 -1.10 -0.11 | 50.94 -0.73 -0.23 | 42.93 -0.54 -0.02 | 38.42 -0.53 0.00 | 46.50 -0.48 0.00 |
| OCC_CHEM___DRP 24175 | 43.33 -1.10 0.00 | 43.60 -0.84 0.00 | 38.55 -1.11 -0.09 | 38.02 -0.86 0.00 | 39.51 -0.78 0.00 | 39.20 -1.00 0.00 | 43.74 -1.92 0.00 | 45.15 -2.80 0.00 | 45.90 -2.42 0.00 | 50.65 -1.99 0.00 | 53.21 -1.44 0.00 | 54.00 -2.13 0.00 | 50.80 -2.82 0.00 | 58.35 -3.04 0.00 | 53.35 -3.19 0.00 | 53.60 -3.39 0.00 | 201.57 -16.11 0.00 | 62.09 -4.82 0.00 | 57.05 -4.44 0.00 | 99.74 -7.66 -0.05 | 47.38 -4.16 -0.10 | 40.32 -3.15 -0.01 | 36.58 -2.37 0.00 | 44.47 -2.51 0.00 |
| OH_GEN_PROXY 24063 | 43.35 -1.07 0.00 | 43.60 -0.84 0.00 | 38.58 -1.08 -0.08 | 38.05 -0.84 0.00 | -15.07 -0.76 54.60 | 38.70 -0.96 0.53 | 44.04 -1.61 0.00 | 45.58 -2.37 0.00 | 46.42 -1.90 0.00 | 51.12 -1.52 0.00 | 53.67 -0.97 0.00 | 54.49 -1.64 0.00 | 51.33 -2.29 0.00 | 59.04 -2.35 0.00 | 53.95 -2.59 0.00 | 54.17 -2.82 0.00 | 204.20 -13.48 0.00 | 63.05 -3.87 0.00 | 57.96 -3.53 0.00 | 101.32 -6.08 -0.05 | 48.13 -3.41 -0.10 | 38.28 -2.70 2.48 | 36.86 -2.09 0.00 | 44.76 -2.23 0.00 |
| OLIN_CORP_DRP 24177 | 43.24 -1.19 0.00 | 43.51 -0.93 0.00 | 38.51 -1.15 -0.09 | 37.99 -0.90 0.00 | 39.46 -0.83 0.00 | 39.01 -1.19 0.00 | 43.66 -2.00 0.00 | 45.19 -2.77 0.00 | 45.90 -2.42 0.00 | 50.65 -1.99 0.00 | 53.21 -1.44 0.00 | 53.99 -2.14 0.00 | 50.79 -2.82 0.00 | 58.35 -3.04 0.00 | 53.35 -3.19 0.00 | 53.61 -3.38 0.00 | 202.80 -14.88 0.00 | 62.50 -4.41 0.00 | 57.44 -4.05 0.00 | 100.39 -7.01 -0.05 | 47.68 -3.86 -0.11 | 40.41 -3.07 -0.01 | 36.60 -2.35 0.00 | 44.50 -2.48 0.00 |
| OLIN_CORP_DSASP 323712 | 43.33 -1.10 0.00 | 43.60 -0.84 0.00 | 38.55 -1.11 -0.09 | 38.02 -0.86 0.00 | 39.51 -0.78 0.00 | 39.20 -1.00 0.00 | 43.74 -1.92 0.00 | 45.15 -2.80 0.00 | 45.90 -2.42 0.00 | 50.65 -1.99 0.00 | 53.21 -1.44 0.00 | 54.00 -2.13 0.00 | 50.80 -2.82 0.00 | 58.35 -3.04 0.00 | 53.35 -3.19 0.00 | 53.60 -3.39 0.00 | 201.57 -16.11 0.00 | 62.09 -4.82 0.00 | 57.05 -4.44 0.00 | 99.74 -7.66 -0.05 | 47.38 -4.16 -0.10 | 40.32 -3.15 -0.01 | 36.58 -2.37 0.00 | 44.47 -2.51 0.00 |
| ONEIDA_HERK_LFGE 323681 | 44.90 0.47 0.00 | 45.01 0.57 0.00 | 39.89 0.31 -0.02 | 39.24 0.35 0.00 | 40.87 0.58 0.00 | 40.96 0.77 0.00 | 46.50 0.84 0.00 | 49.08 1.13 0.00 | 49.67 1.35 0.00 | 53.85 1.21 0.00 | 56.17 1.52 0.00 | 57.69 1.56 0.00 | 55.02 1.40 0.00 | 62.93 1.54 0.00 | 58.05 1.52 0.00 | 58.54 1.56 0.00 | 222.39 4.72 0.00 | 68.43 1.52 0.00 | 62.69 1.20 0.00 | 109.46 2.11 -0.01 | 52.46 1.00 -0.02 | 44.27 0.80 0.00 | 39.72 0.77 0.00 | 47.78 0.80 0.00 |
| ONEIDA___115KV_TB4 55905 | 45.29 0.87 0.00 | 45.37 0.93 0.00 | 40.34 0.74 -0.03 | 39.65 0.76 0.00 | 41.19 0.90 0.00 | 41.25 1.05 0.00 | 46.98 1.33 0.00 | 49.40 1.44 0.00 | 49.85 1.53 0.00 | 54.23 1.58 0.00 | 56.35 1.70 0.00 | 57.80 1.67 0.00 | 55.07 1.44 0.00 | 63.20 1.80 0.00 | 58.28 1.75 0.00 | 58.74 1.75 0.00 | 224.22 6.54 0.00 | 68.67 1.76 0.00 | 63.05 1.55 0.00 | 110.03 2.66 -0.02 | 52.63 1.16 -0.04 | 44.39 0.93 0.00 | 39.73 0.78 0.00 | 47.85 0.86 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 43.81 -0.62 0.00 | 43.85 -0.59 0.00 | 39.04 -0.59 -0.07 | 38.34 -0.55 0.00 | 39.76 -0.53 0.00 | 39.71 -0.49 0.00 | 45.19 -0.47 0.00 | 47.45 -0.51 0.00 | 47.89 -0.43 0.00 | 52.16 -0.49 0.00 | 54.23 -0.42 0.00 | 55.51 -0.62 0.00 | 52.97 -0.65 0.00 | 60.79 -0.61 0.00 | 55.94 -0.59 0.00 | 56.36 -0.63 0.00 | 215.26 -2.41 0.00 | 66.11 -0.80 0.00 | 60.76 -0.73 0.00 | 106.06 -1.32 -0.04 | 50.74 -0.78 -0.08 | 42.83 -0.64 -0.01 | 38.37 -0.58 0.00 | 46.27 -0.71 0.00 |
| ONONDAGA___COGEN 23986 | 43.79 -0.64 0.00 | 43.83 -0.62 0.00 | 39.03 -0.60 -0.06 | 38.33 -0.55 0.00 | 39.76 -0.53 0.00 | 39.70 -0.49 0.00 | 45.17 -0.49 0.00 | 47.44 -0.51 0.00 | 47.86 -0.46 0.00 | 52.14 -0.51 0.00 | 54.20 -0.45 0.00 | 55.49 -0.64 0.00 | 52.96 -0.66 0.00 | 60.75 -0.64 0.00 | 55.93 -0.60 0.00 | 56.32 -0.66 0.00 | 215.07 -2.60 0.00 | 66.07 -0.84 0.00 | 60.73 -0.77 0.00 | 106.04 -1.34 -0.04 | 50.69 -0.82 -0.07 | 42.81 -0.65 -0.01 | 38.34 -0.61 0.00 | 46.25 -0.74 0.00 |
| ONTARIO___LFGE 23819 | 44.04 -0.38 0.00 | 44.11 -0.33 0.00 | 39.19 -0.44 -0.06 | 38.54 -0.34 0.00 | 40.04 -0.25 0.00 | 39.97 -0.22 0.00 | 45.44 -0.22 0.00 | 47.60 -0.35 0.00 | 48.13 -0.19 0.00 | 52.59 -0.05 0.00 | 54.74 0.10 0.00 | 55.92 -0.21 0.00 | 53.19 -0.43 0.00 | 61.19 -0.21 0.00 | 56.35 -0.18 0.00 | 56.80 -0.19 0.00 | 216.23 -1.45 0.00 | 66.58 -0.33 0.00 | 61.17 -0.33 0.00 | 106.71 -0.67 -0.04 | 50.85 -0.67 -0.08 | 42.90 -0.56 -0.01 | 38.45 -0.50 0.00 | 46.41 -0.57 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 42.67 -1.76 0.00 | 43.03 -1.41 0.00 | 38.14 -1.54 -0.11 | 37.61 -1.28 0.00 | 39.20 -1.08 0.00 | 39.20 -1.00 0.00 | 44.29 -1.37 0.00 | 45.75 -2.21 0.00 | 46.59 -1.73 0.00 | 51.28 -1.37 0.00 | 53.69 -0.96 0.00 | 54.56 -1.57 0.00 | 51.55 -2.07 0.00 | 59.33 -2.06 0.00 | 53.95 -2.58 0.00 | 54.09 -2.90 0.00 | 204.94 -12.74 0.00 | 62.96 -3.95 0.00 | 57.75 -3.75 0.00 | 101.24 -6.17 -0.07 | 48.18 -3.39 -0.13 | 40.82 -2.65 -0.01 | 36.83 -2.12 0.00 | 44.80 -2.18 0.00 |
| ORANGEVILLE___ESR 323794 | 42.67 -1.76 0.00 | 43.03 -1.41 0.00 | 38.14 -1.54 -0.11 | 37.61 -1.28 0.00 | 39.20 -1.08 0.00 | 39.20 -1.00 0.00 | 44.29 -1.37 0.00 | 45.75 -2.21 0.00 | 46.59 -1.73 0.00 | 51.28 -1.37 0.00 | 53.69 -0.96 0.00 | 54.56 -1.57 0.00 | 51.55 -2.07 0.00 | 59.33 -2.06 0.00 | 53.95 -2.58 0.00 | 54.09 -2.90 0.00 | 204.94 -12.74 0.00 | 62.96 -3.95 0.00 | 57.75 -3.75 0.00 | 101.24 -6.17 -0.07 | 48.18 -3.39 -0.13 | 40.82 -2.65 -0.01 | 36.83 -2.12 0.00 | 44.80 -2.18 0.00 |
| OSWEGATCHIE___HYD 24044 | 43.57 -0.85 0.00 | 43.72 -0.72 0.00 | 38.74 -0.85 -0.02 | 38.04 -0.85 0.00 | 39.66 -0.63 0.00 | 40.09 -0.11 0.00 | 45.29 -0.36 0.00 | 47.89 -0.06 0.00 | 48.80 0.48 0.00 | 53.01 0.36 0.00 | 55.91 1.26 0.00 | 57.98 1.85 0.00 | 55.18 1.56 0.00 | 62.89 1.49 0.00 | 57.92 1.38 0.00 | 57.98 0.99 0.00 | 216.13 -1.55 0.00 | 66.92 0.00 0.00 | 61.26 -0.24 0.00 | 106.87 -0.48 -0.01 | 51.34 -0.12 -0.02 | 43.43 -0.03 0.00 | 39.21 0.26 0.00 | 47.17 0.19 0.00 |
| OSWEGO___5 23606 | 43.13 -1.30 0.00 | 43.16 -1.28 0.00 | 38.44 -1.18 -0.04 | 37.76 -1.12 0.00 | 39.14 -1.15 0.00 | 39.07 -1.13 0.00 | 44.39 -1.26 0.00 | 46.65 -1.30 0.00 | 47.07 -1.25 0.00 | 51.31 -1.34 0.00 | 53.32 -1.33 0.00 | 54.67 -1.46 0.00 | 52.15 -1.47 0.00 | 59.77 -1.62 0.00 | 55.02 -1.51 0.00 | 55.35 -1.64 0.00 | 211.20 -6.48 0.00 | 64.92 -1.99 0.00 | 59.66 -1.83 0.00 | 104.14 -3.23 -0.03 | 49.85 -1.64 -0.05 | 42.12 -1.35 0.00 | 37.75 -1.20 0.00 | 45.54 -1.45 0.00 |
| OSWEGO___6 23613 | 43.13 -1.30 0.00 | 43.16 -1.28 0.00 | 38.44 -1.18 -0.04 | 37.76 -1.12 0.00 | 39.14 -1.15 0.00 | 39.07 -1.13 0.00 | 44.39 -1.26 0.00 | 46.65 -1.30 0.00 | 47.07 -1.25 0.00 | 51.31 -1.34 0.00 | 53.32 -1.33 0.00 | 54.67 -1.46 0.00 | 52.15 -1.47 0.00 | 59.77 -1.62 0.00 | 55.02 -1.51 0.00 | 55.35 -1.64 0.00 | 211.20 -6.48 0.00 | 64.92 -1.99 0.00 | 59.66 -1.83 0.00 | 104.14 -3.23 -0.03 | 49.85 -1.64 -0.05 | 42.12 -1.35 0.00 | 37.75 -1.20 0.00 | 45.54 -1.45 0.00 |

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|---|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| OUTOKUMPU-AB___DRP 24206 | 43.98 -0.45 0.00 | 44.26 -0.18 0.00 | 39.12 -0.54 -0.09 | 38.57 -0.31 0.00 | 40.10 -0.19 0.00 | 39.81 -0.39 0.00 | 44.64 -1.02 0.00 | 46.19 -1.77 0.00 | 46.99 -1.33 0.00 | 51.80 -0.85 0.00 | 54.41 -0.24 0.00 | 55.28 -0.85 0.00 | 52.01 -1.61 0.00 | 59.80 -1.59 0.00 | 54.64 -1.89 0.00 | 54.87 -2.12 0.00 | 207.18 -10.50 0.00 | 63.83 -3.08 0.00 | 58.65 -2.85 0.00 | 102.48 -4.92 -0.05 | 48.67 -2.88 -0.11 | 41.26 -2.21 -0.01 | 37.36 -1.59 0.00 | 45.38 -1.61 0.00 |
| OXBOW___BTM 323836 | 43.61 -0.82 0.00 | 43.87 -0.58 0.00 | 38.79 -0.87 -0.09 | 38.25 -0.63 0.00 | 39.75 -0.54 0.00 | 39.46 -0.73 0.00 | 44.14 -1.52 0.00 | 45.63 -2.33 0.00 | 46.41 -1.91 0.00 | 51.19 -1.46 0.00 | 53.77 -0.88 0.00 | 54.60 -1.53 0.00 | 51.37 -2.26 0.00 | 59.05 -2.34 0.00 | 53.95 -2.58 0.00 | 54.20 -2.78 0.00 | 203.59 -14.09 0.00 | 62.91 -4.00 0.00 | 57.82 -3.68 0.00 | 101.05 -6.35 -0.05 | 47.98 -3.56 -0.11 | 40.76 -2.71 -0.01 | 36.91 -2.04 0.00 | 44.86 -2.12 0.00 |
| OXBOW___ 24026 | 43.61 -0.81 0.00 | 43.87 -0.58 0.00 | 38.79 -0.87 -0.09 | 38.25 -0.64 0.00 | 39.76 -0.53 0.00 | 39.46 -0.73 0.00 | 44.14 -1.52 0.00 | 45.62 -2.33 0.00 | 46.41 -1.91 0.00 | 51.18 -1.47 0.00 | 53.77 -0.88 0.00 | 54.61 -1.52 0.00 | 51.37 -2.26 0.00 | 59.05 -2.35 0.00 | 53.96 -2.57 0.00 | 54.19 -2.79 0.00 | 204.20 -13.48 0.00 | 62.91 -4.00 0.00 | 57.82 -3.67 0.00 | 101.05 -6.34 -0.05 | 47.99 -3.55 -0.11 | 40.76 -2.71 -0.01 | 36.93 -2.02 0.00 | 44.88 -2.11 0.00 |
| OXY_CHEM_DSASP 323612 | 43.33 -1.10 0.00 | 43.60 -0.84 0.00 | 38.55 -1.11 -0.09 | 38.02 -0.86 0.00 | 39.51 -0.78 0.00 | 39.20 -1.00 0.00 | 43.74 -1.92 0.00 | 45.15 -2.80 0.00 | 45.90 -2.42 0.00 | 50.65 -1.99 0.00 | 53.21 -1.44 0.00 | 54.00 -2.13 0.00 | 50.80 -2.82 0.00 | 58.35 -3.04 0.00 | 53.35 -3.19 0.00 | 53.60 -3.39 0.00 | 201.57 -16.11 0.00 | 62.09 -4.82 0.00 | 57.05 -4.44 0.00 | 99.74 -7.66 -0.05 | 47.38 -4.16 -0.10 | 40.32 -3.15 -0.01 | 36.58 -2.37 0.00 | 44.47 -2.51 0.00 |
| OZONE_PARK_ESR 323760 | 47.22 2.79 0.00 | 46.92 2.48 0.00 | 42.24 2.12 -0.55 | 40.88 1.99 0.00 | 42.34 2.05 0.00 | 42.30 2.10 0.00 | 48.24 2.58 0.00 | 50.86 2.90 0.00 | 51.16 2.84 0.00 | 60.26 3.17 -4.44 | 68.39 3.28 -10.46 | 149.56 3.50 -89.92 | 117.97 3.47 -60.87 | 66.59 3.91 -1.29 | 61.76 3.55 -1.68 | 61.86 3.60 -1.27 | 232.64 14.96 0.00 | 71.61 4.70 0.00 | 65.80 4.31 0.00 | 114.78 7.09 -0.34 | 56.78 3.60 -1.74 | 46.76 2.96 -0.33 | 41.49 2.54 0.00 | 50.04 3.05 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 43.33 -1.10 0.00 | 43.60 -0.84 0.00 | 38.55 -1.11 -0.09 | 38.02 -0.86 0.00 | 39.51 -0.78 0.00 | 39.20 -1.00 0.00 | 43.74 -1.92 0.00 | 45.15 -2.80 0.00 | 45.90 -2.42 0.00 | 50.65 -1.99 0.00 | 53.21 -1.44 0.00 | 54.00 -2.13 0.00 | 50.80 -2.82 0.00 | 58.35 -3.04 0.00 | 53.35 -3.19 0.00 | 53.60 -3.39 0.00 | 201.57 -16.11 0.00 | 62.09 -4.82 0.00 | 57.05 -4.44 0.00 | 99.74 -7.66 -0.05 | 47.38 -4.16 -0.10 | 40.32 -3.15 -0.01 | 36.58 -2.37 0.00 | 44.47 -2.51 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 43.33 -1.10 0.00 | 43.60 -0.84 0.00 | 38.55 -1.11 -0.09 | 38.02 -0.87 0.00 | 39.50 -0.78 0.00 | 39.20 -1.00 0.00 | 43.74 -1.92 0.00 | 45.16 -2.80 0.00 | 45.90 -2.42 0.00 | 50.66 -1.98 0.00 | 53.21 -1.43 0.00 | 53.99 -2.14 0.00 | 50.80 -2.82 0.00 | 58.37 -3.03 0.00 | 53.34 -3.20 0.00 | 53.60 -3.39 0.00 | 200.90 -16.78 0.00 | 62.10 -4.82 0.00 | 57.05 -4.44 0.00 | 99.74 -7.66 -0.05 | 47.39 -4.16 -0.10 | 40.32 -3.15 -0.01 | 36.56 -2.39 0.00 | 44.45 -2.54 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 46.66 2.23 0.00 | 46.52 2.07 0.00 | 41.89 1.77 -0.55 | 40.51 1.62 0.00 | 41.97 1.69 0.00 | 41.94 1.75 0.00 | 47.74 2.09 0.00 | 50.29 2.33 0.00 | 50.54 2.22 0.00 | 59.65 2.62 -4.38 | 67.65 2.69 -10.32 | 147.88 3.05 -88.70 | 116.64 2.98 -60.05 | 65.80 3.14 -1.27 | 60.98 2.79 -1.66 | 61.03 2.79 -1.26 | 229.75 12.07 0.00 | 70.70 3.79 0.00 | 64.95 3.46 0.00 | 113.55 5.87 -0.34 | 56.16 2.99 -1.73 | 46.25 2.46 -0.33 | 41.01 2.06 0.00 | 49.46 2.47 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 47.52 3.09 0.00 | 47.41 2.97 0.00 | 42.70 2.57 -0.55 | 41.34 2.45 0.00 | 42.87 2.57 0.00 | 42.87 2.67 0.00 | 48.83 3.17 0.00 | 51.44 3.49 0.00 | 51.62 3.30 0.00 | 60.81 3.77 -4.38 | 68.84 3.87 -10.32 | 149.13 4.29 -88.70 | 117.77 4.10 -60.05 | 67.14 4.47 -1.27 | 62.11 3.92 -1.66 | 62.17 3.93 -1.26 | 234.08 16.41 0.00 | 72.06 5.15 0.00 | 66.21 4.71 0.00 | 115.65 7.96 -0.34 | 57.16 3.99 -1.73 | 47.11 3.32 -0.33 | 41.71 2.76 0.00 | 50.27 3.29 0.00 |
| PATROON___115KV_TB1 80586 | 45.89 1.46 0.00 | 45.88 1.44 0.00 | 41.59 1.35 -0.67 | 40.19 1.31 0.00 | 41.61 1.32 0.00 | 41.45 1.25 0.00 | 46.96 1.30 0.00 | 49.46 1.50 0.00 | 49.71 1.38 0.00 | 54.04 1.39 0.00 | 55.96 1.31 0.00 | 57.46 1.33 0.00 | 55.02 1.40 0.00 | 62.97 1.58 0.00 | 58.11 1.57 0.00 | 58.64 1.65 0.00 | 224.18 6.50 0.00 | 68.98 2.07 0.00 | 63.39 1.89 0.00 | 111.00 3.24 -0.42 | 53.93 1.66 -0.83 | 44.97 1.43 -0.08 | 40.22 1.27 0.00 | 48.46 1.47 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 45.72 1.30 0.00 | 45.73 1.28 0.00 | 41.45 1.15 -0.73 | 40.00 1.11 0.00 | 41.45 1.16 0.00 | 41.33 1.13 0.00 | 47.01 1.36 0.00 | 49.45 1.50 0.00 | 49.63 1.31 0.00 | 54.00 1.35 0.00 | 56.00 1.35 0.00 | 57.35 1.22 0.00 | 54.62 0.99 0.00 | 62.65 1.25 0.00 | 57.97 1.44 0.00 | 58.57 1.59 0.00 | 224.04 6.37 0.00 | 68.97 2.06 0.00 | 63.39 1.90 0.00 | 111.04 3.24 -0.45 | 53.93 1.59 -0.90 | 44.81 1.27 -0.08 | 40.04 1.09 0.00 | 48.26 1.27 -0.01 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 44.02 -0.40 0.00 | 44.29 -0.15 0.00 | 39.14 -0.52 -0.10 | 38.62 -0.27 0.00 | 40.14 -0.15 0.00 | 39.92 -0.28 0.00 | 45.03 -0.63 0.00 | 46.66 -1.30 0.00 | 47.53 -0.79 0.00 | 52.25 -0.39 0.00 | 54.84 0.20 0.00 | 55.79 -0.34 0.00 | 52.54 -1.08 0.00 | 60.52 -0.87 0.00 | 55.26 -1.27 0.00 | 55.50 -1.48 0.00 | 210.34 -7.33 0.00 | 64.70 -2.21 0.00 | 59.45 -2.04 0.00 | 103.98 -3.43 -0.06 | 49.39 -2.17 -0.12 | 41.77 -1.70 -0.01 | 37.67 -1.28 0.00 | 45.76 -1.22 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 46.86 2.43 0.00 | 46.76 2.32 0.00 | 42.14 2.01 -0.56 | 40.79 1.91 0.00 | 42.26 1.97 0.00 | 42.19 2.00 0.00 | 48.07 2.42 0.00 | 50.62 2.67 0.00 | 50.87 2.55 0.00 | 55.42 2.78 0.00 | 57.46 2.81 0.00 | 59.10 2.97 0.00 | 56.62 3.00 0.00 | 64.74 3.34 0.00 | 59.59 3.06 0.00 | 60.15 3.16 0.00 | 230.94 13.26 0.00 | 71.11 4.20 0.00 | 65.37 3.88 0.00 | 114.11 6.42 -0.35 | 55.31 3.18 -0.69 | 46.13 2.60 -0.06 | 41.18 2.23 0.00 | 49.65 2.66 0.00 |
| PEEKSKILL___ 23653 | 46.38 1.96 0.00 | 46.29 1.85 0.00 | 41.70 1.58 -0.55 | 40.36 1.47 0.00 | 41.80 1.51 0.00 | 41.70 1.51 0.00 | 47.48 1.82 0.00 | 49.96 2.01 0.00 | 50.19 1.86 0.00 | 54.71 2.06 0.00 | 56.73 2.08 0.00 | 58.38 2.25 0.00 | 55.94 2.33 0.00 | 63.96 2.57 0.00 | 58.87 2.33 0.00 | 59.39 2.41 0.00 | 228.32 10.65 0.00 | 70.23 3.32 0.00 | 64.52 3.03 0.00 | 112.54 4.86 -0.34 | 54.61 2.49 -0.68 | 45.58 2.06 -0.06 | 40.74 1.79 0.00 | 49.19 2.21 0.00 |
| PGE MADISON___WINDPWR 24146 | 45.86 1.43 0.00 | 45.78 1.34 0.00 | 40.81 1.06 -0.18 | 39.84 0.96 0.00 | 41.56 1.27 0.00 | 41.55 1.35 0.00 | 47.80 2.14 0.00 | 50.62 2.67 0.00 | 50.74 2.42 0.00 | 54.64 1.99 0.00 | 56.16 1.51 0.00 | 57.43 1.30 0.00 | 54.54 0.92 0.00 | 63.29 1.89 0.00 | 58.41 1.87 0.00 | 58.54 1.55 0.00 | 223.74 6.06 0.00 | 68.65 1.73 0.00 | 63.18 1.69 0.00 | 110.05 2.59 -0.11 | 52.81 1.16 -0.22 | 44.59 1.11 -0.02 | 39.81 0.85 0.00 | 47.83 0.84 0.00 |

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| PIERCEFIELD___HYD 23852 | 43.56 -0.87 0.00 | 43.66 -0.78 0.00 | 38.88 -0.70 -0.01 | 38.06 -0.82 0.00 | 39.52 -0.77 0.00 | 40.14 -0.06 0.00 | 45.67 0.02 0.00 | 48.00 0.05 0.00 | 49.01 0.69 0.00 | 53.65 1.00 0.00 | 56.36 1.72 0.00 | 58.83 2.70 0.00 | 55.93 2.31 0.00 | 63.69 2.30 0.00 | 58.48 1.95 0.00 | 58.26 1.28 0.00 | 216.17 -1.50 0.00 | 67.12 0.21 0.00 | 61.70 0.21 0.00 | 107.79 0.43 -0.01 | 51.57 0.12 -0.01 | 43.46 0.00 0.00 | 39.37 0.42 0.00 | 47.42 0.44 0.00 |
| PINELAWN_CC_1 323563 | 47.47 3.04 0.00 | 47.16 2.71 0.00 | 42.47 2.35 -0.55 | 41.02 2.14 0.00 | 42.73 2.44 0.00 | 42.65 2.46 0.00 | 48.13 2.48 0.00 | 50.31 2.36 0.00 | 50.46 2.14 0.00 | 54.63 1.98 0.00 | 57.81 2.72 -0.44 | 59.05 2.92 0.00 | 56.82 3.20 0.00 | 64.71 3.32 0.00 | 59.50 2.97 0.00 | 59.73 2.75 0.00 | 229.54 11.22 -0.64 | 70.78 3.83 -0.04 | 65.49 3.89 -0.11 | 113.82 5.93 -0.55 | 55.05 2.93 -0.68 | 46.16 2.63 -0.06 | 41.43 2.48 0.00 | 50.00 3.01 0.00 |
| PJM_GEN_HTTP_PROXY 323702 | 46.60 2.17 0.00 | 46.44 2.00 0.00 | 41.84 1.71 -0.55 | 40.48 1.59 0.00 | 41.94 1.65 0.00 | 41.86 1.66 0.00 | 47.69 2.04 0.00 | 50.23 2.28 0.00 | 50.53 2.21 0.00 | 54.93 2.49 0.21 | 56.72 2.56 0.49 | 54.69 2.77 4.21 | 53.54 2.77 2.85 | 64.42 3.08 0.06 | 59.25 2.79 0.08 | 59.77 2.85 0.06 | 211.01 12.06 18.73 | 70.69 3.78 0.00 | 64.97 3.47 0.00 | 113.29 5.60 -0.34 | 54.95 2.88 -0.63 | 45.89 2.38 -0.05 | 41.01 2.06 0.00 | 49.48 2.50 0.00 |
| PJM_GEN_KEystone 24065 | 44.56 0.14 0.00 | 44.66 0.22 0.00 | 39.87 -0.04 -0.34 | 34.31 0.01 4.59 | 35.99 0.06 4.36 | 40.03 -0.02 0.14 | 45.67 0.01 0.00 | 47.37 -0.24 0.34 | 48.20 -0.12 0.00 | 52.30 0.02 0.37 | 54.29 0.17 0.52 | 55.68 0.05 0.50 | 57.80 -0.08 -4.26 | 61.54 0.06 -0.09 | 54.25 -0.22 2.06 | 53.28 -0.24 3.46 | 182.52 -0.74 34.41 | 53.69 -0.26 12.96 | 17.98 -0.22 43.29 | 90.31 -0.54 16.50 | 42.50 -0.38 8.55 | 42.42 -0.28 0.76 | 37.02 -0.22 1.71 | 47.01 0.03 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 46.94 2.51 0.00 | 46.68 2.23 0.00 | 42.05 1.93 -0.55 | 40.63 1.75 0.00 | 42.29 2.00 0.00 | 42.19 1.99 0.00 | 47.62 1.97 0.00 | 49.80 1.85 0.00 | 50.00 1.68 0.00 | 54.21 1.56 0.00 | 56.93 2.28 0.00 | 58.54 2.41 0.00 | 56.29 2.67 0.00 | 64.08 2.69 0.00 | 58.92 2.38 0.00 | 59.21 2.23 0.00 | 207.80 8.85 18.73 | 70.13 3.22 0.00 | 64.76 3.26 0.00 | 112.49 4.81 -0.34 | 54.59 2.47 -0.68 | 45.72 2.20 -0.06 | 41.03 2.08 0.00 | 49.53 2.54 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 46.53 2.10 0.00 | 46.39 1.94 0.00 | 41.78 1.66 -0.55 | 40.43 1.54 0.00 | 41.87 1.58 0.00 | 41.80 1.61 0.00 | 47.64 1.99 0.00 | 50.20 2.24 0.00 | 50.47 2.15 0.00 | 59.51 2.42 -4.45 | 67.60 2.48 -10.46 | 148.69 2.64 -89.92 | 117.17 2.68 -60.87 | 65.72 3.03 -1.29 | 60.96 2.75 -1.68 | 61.07 2.80 -1.28 | 210.93 11.98 18.73 | 70.69 3.78 0.00 | 64.94 3.45 0.00 | 113.23 5.54 -0.34 | 56.07 2.88 -1.75 | 46.17 2.38 -0.33 | 41.01 2.05 0.00 | 49.47 2.48 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 43.65 -0.77 0.00 | 43.66 -0.78 0.00 | 38.98 -0.60 0.00 | 38.14 -0.75 0.00 | 39.53 -0.76 0.00 | 40.66 0.46 0.00 | 46.88 1.23 0.00 | 49.22 1.26 0.00 | 49.95 1.63 0.00 | 54.63 1.98 0.00 | 57.26 2.62 0.00 | 59.80 3.67 0.00 | 56.68 3.06 0.00 | 64.64 3.25 0.00 | 59.44 2.91 0.00 | 59.68 2.69 0.00 | 222.86 5.19 0.00 | 69.19 2.27 0.00 | 63.82 2.33 0.00 | 111.37 4.02 0.00 | 53.15 1.71 0.00 | 44.66 1.20 0.00 | 40.33 1.38 0.00 | 48.37 1.39 0.00 |
| PLEASANTVLY___LBMP 24000 | 46.19 1.76 0.00 | 46.12 1.67 0.00 | 41.61 1.46 -0.58 | 40.25 1.37 0.00 | 41.68 1.39 0.00 | 41.57 1.37 0.00 | 47.27 1.61 0.00 | 49.75 1.80 0.00 | 50.01 1.69 0.00 | 54.47 1.82 0.00 | 56.44 1.79 0.00 | 58.07 1.95 0.00 | 55.64 2.02 0.00 | 63.62 2.23 0.00 | 58.59 2.06 0.00 | 59.14 2.16 0.00 | 226.91 9.24 0.00 | 69.84 2.93 0.00 | 64.20 2.70 0.00 | 112.11 4.40 -0.36 | 54.42 2.27 -0.71 | 45.40 1.87 -0.06 | 40.57 1.61 0.00 | 48.95 1.97 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 46.50 2.07 0.00 | 46.39 1.95 0.00 | 41.80 1.67 -0.56 | 40.45 1.57 0.00 | 41.90 1.62 0.00 | 41.81 1.62 0.00 | 47.60 1.95 0.00 | 50.12 2.17 0.00 | 50.37 2.04 0.00 | 54.91 2.26 0.00 | 56.94 2.29 0.00 | 58.60 2.47 0.00 | 56.15 2.53 0.00 | 64.19 2.79 0.00 | 59.08 2.54 0.00 | 59.59 2.60 0.00 | 228.80 11.12 0.00 | 70.44 3.53 0.00 | 64.74 3.25 0.00 | 112.97 5.28 -0.34 | 54.82 2.70 -0.69 | 45.75 2.23 -0.06 | 40.88 1.93 0.00 | 49.33 2.34 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 46.50 2.07 0.00 | 46.39 1.95 0.00 | 41.80 1.67 -0.56 | 40.45 1.57 0.00 | 41.90 1.62 0.00 | 41.81 1.62 0.00 | 47.60 1.95 0.00 | 50.12 2.17 0.00 | 50.37 2.04 0.00 | 54.91 2.26 0.00 | 56.94 2.29 0.00 | 58.60 2.47 0.00 | 56.15 2.53 0.00 | 64.19 2.79 0.00 | 59.08 2.54 0.00 | 59.59 2.60 0.00 | 228.80 11.12 0.00 | 70.44 3.53 0.00 | 64.74 3.25 0.00 | 112.97 5.28 -0.34 | 54.82 2.70 -0.69 | 45.75 2.23 -0.06 | 40.88 1.93 0.00 | 49.33 2.34 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 46.54 2.12 0.00 | 46.47 2.03 0.00 | 41.91 1.77 -0.57 | 40.57 1.68 0.00 | 42.02 1.74 0.00 | 41.94 1.74 0.00 | 47.75 2.09 0.00 | 50.28 2.32 0.00 | 50.55 2.22 0.00 | 55.03 2.38 0.00 | 57.03 2.38 0.00 | 58.68 2.55 0.00 | 56.19 2.57 0.00 | 64.26 2.86 0.00 | 59.19 2.66 0.00 | 59.76 2.78 0.00 | 229.33 11.66 0.00 | 70.61 3.70 0.00 | 64.93 3.44 0.00 | 113.37 5.67 -0.35 | 54.97 2.83 -0.70 | 45.83 2.31 -0.06 | 40.92 1.97 0.00 | 49.32 2.34 0.00 |
| POLETTI____ 23519 | 46.11 1.69 0.00 | 45.96 1.52 0.00 | 41.49 1.36 -0.55 | 40.17 1.28 0.00 | 41.45 1.16 0.00 | 41.47 1.27 0.00 | 47.12 1.46 0.00 | 49.61 1.66 0.00 | 49.86 1.54 0.00 | 59.02 1.99 -4.38 | 67.00 2.03 -10.32 | 147.29 2.45 -88.70 | 116.06 2.39 -60.05 | 65.02 2.36 -1.27 | 60.17 1.98 -1.66 | 60.14 1.89 -1.26 | 226.66 8.99 0.00 | 69.99 3.08 0.00 | 64.27 2.78 0.00 | 112.09 4.40 -0.34 | 55.52 2.35 -1.73 | 45.77 1.98 -0.33 | 40.59 1.63 0.00 | 48.93 1.94 0.00 |
| POMONA___ESR 323819 | 46.33 1.91 0.00 | 46.25 1.80 0.00 | 41.64 1.53 -0.54 | 40.32 1.44 0.00 | 41.75 1.46 0.00 | 41.64 1.44 0.00 | 47.38 1.72 0.00 | 49.86 1.91 0.00 | 50.07 1.75 0.00 | 54.59 1.94 0.00 | 56.60 1.94 0.00 | 58.25 2.12 0.00 | 55.79 2.17 0.00 | 63.82 2.43 0.00 | 58.72 2.19 0.00 | 59.27 2.28 0.00 | 228.40 10.73 0.00 | 70.29 3.37 0.00 | 64.50 3.01 0.00 | 112.41 4.73 -0.33 | 54.52 2.42 -0.66 | 45.50 1.98 -0.06 | 40.67 1.72 0.00 | 49.14 2.16 0.00 |
| PORT_JEFF_3 23555 | 47.51 3.08 0.00 | 47.19 2.75 0.00 | 42.49 2.37 -0.55 | 41.04 2.15 0.00 | 42.73 2.44 0.00 | 42.47 2.28 0.00 | 47.78 2.12 0.00 | 49.67 1.72 0.00 | 49.74 1.42 0.00 | 53.73 1.08 0.00 | 59.08 1.99 -2.44 | 58.43 2.30 0.00 | 56.29 2.66 0.00 | 64.23 2.84 0.00 | 59.09 2.55 0.00 | 59.05 2.06 0.00 | 229.81 8.59 -3.54 | 70.05 2.92 -0.22 | 65.53 3.42 -0.61 | 113.79 4.89 -1.55 | 54.47 2.35 -0.68 | 45.71 2.19 -0.06 | 41.13 2.18 0.00 | 49.78 2.79 0.00 |
| PORT_JEFF_4 23616 | 47.51 3.08 0.00 | 47.19 2.75 0.00 | 42.49 2.37 -0.55 | 41.04 2.15 0.00 | 42.73 2.44 0.00 | 42.47 2.28 0.00 | 47.78 2.12 0.00 | 49.67 1.72 0.00 | 49.74 1.42 0.00 | 53.73 1.08 0.00 | 59.08 1.99 -2.44 | 58.43 2.30 0.00 | 56.29 2.66 0.00 | 64.23 2.84 0.00 | 59.09 2.55 0.00 | 59.05 2.06 0.00 | 229.81 8.59 -3.54 | 70.05 2.92 -0.22 | 65.53 3.42 -0.61 | 113.79 4.89 -1.55 | 54.47 2.35 -0.68 | 45.71 2.19 -0.06 | 41.13 2.18 0.00 | 49.78 2.79 0.00 |

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| PORT_JEFF_IC 23713 | 47.58 3.15 0.00 | 47.24 2.80 0.00 | 42.55 2.42 -0.55 | 41.08 2.20 0.00 | 42.78 2.49 0.00 | 42.55 2.35 0.00 | 47.88 2.22 0.00 | 49.80 1.85 0.00 | 49.86 1.54 0.00 | 53.86 1.21 0.00 | 58.75 2.09 -2.01 | 58.46 2.33 0.00 | 56.33 2.70 0.00 | 64.32 2.93 0.00 | 59.16 2.62 0.00 | 59.10 2.12 0.00 | 229.16 8.57 -2.92 | 69.96 2.86 -0.18 | 65.58 3.58 -0.50 | 113.77 5.09 -1.33 | 54.54 2.42 -0.68 | 45.80 2.27 -0.06 | 41.19 2.24 0.00 | 49.85 2.86 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 47.76 3.33 0.00 | 47.46 3.02 0.00 | 42.74 2.61 -0.55 | 41.27 2.38 0.00 | 43.00 2.71 0.00 | 42.91 2.71 0.00 | 48.40 2.75 0.00 | 50.50 2.55 0.00 | 50.62 2.30 0.00 | 54.84 2.19 0.00 | 59.78 2.99 -2.14 | 59.31 3.18 0.00 | 57.18 3.56 0.00 | 65.11 3.71 0.00 | 59.80 3.27 0.00 | 60.05 3.06 0.00 | 233.42 12.64 -3.10 | 71.09 3.98 -0.19 | 66.08 4.05 -0.54 | 115.39 6.65 -1.40 | 55.29 3.16 -0.68 | 46.35 2.83 -0.06 | 41.67 2.71 0.00 | 50.31 3.32 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 47.76 3.33 0.00 | 47.46 3.02 0.00 | 42.74 2.61 -0.55 | 41.27 2.38 0.00 | 43.00 2.71 0.00 | 42.91 2.71 0.00 | 48.40 2.75 0.00 | 50.50 2.55 0.00 | 50.62 2.30 0.00 | 54.84 2.19 0.00 | 59.78 2.99 -2.14 | 59.31 3.18 0.00 | 57.18 3.56 0.00 | 65.11 3.71 0.00 | 59.80 3.27 0.00 | 60.05 3.06 0.00 | 233.42 12.64 -3.10 | 71.09 3.98 -0.19 | 66.08 4.05 -0.54 | 115.39 6.65 -1.40 | 55.29 3.16 -0.68 | 46.35 2.83 -0.06 | 41.67 2.71 0.00 | 50.31 3.32 0.00 |
| PPL_SHRM_GT3 24213 | 48.00 3.57 0.00 | 47.66 3.22 0.00 | 42.90 2.77 -0.55 | 41.44 2.55 0.00 | 43.14 2.85 0.00 | 42.93 2.74 0.00 | 48.36 2.71 0.00 | 50.24 2.29 0.00 | 50.25 1.92 0.00 | 54.19 1.54 0.00 | 59.30 2.33 -2.33 | 58.33 2.20 0.00 | 55.93 2.31 0.00 | 64.30 2.91 0.00 | 59.17 2.64 0.00 | 58.60 1.62 0.00 | 231.86 10.81 -3.37 | 70.94 3.81 -0.21 | 66.17 4.09 -0.58 | 114.20 5.36 -1.49 | 54.30 2.18 -0.68 | 45.78 2.26 -0.06 | 41.05 2.10 0.00 | 49.92 2.94 0.00 |
| PPL_SHRM_GT4 24214 | 48.00 3.57 0.00 | 47.66 3.22 0.00 | 42.90 2.77 -0.55 | 41.44 2.55 0.00 | 43.14 2.85 0.00 | 42.93 2.74 0.00 | 48.36 2.71 0.00 | 50.24 2.29 0.00 | 50.25 1.92 0.00 | 54.19 1.54 0.00 | 59.30 2.33 -2.33 | 58.33 2.20 0.00 | 55.93 2.31 0.00 | 64.30 2.91 0.00 | 59.17 2.64 0.00 | 58.60 1.62 0.00 | 231.86 10.81 -3.37 | 70.94 3.81 -0.21 | 66.17 4.09 -0.58 | 114.20 5.36 -1.49 | 54.30 2.18 -0.68 | 45.78 2.26 -0.06 | 41.05 2.10 0.00 | 49.92 2.94 0.00 |
| PROJECT___ORANGE 1 24174 | 43.56 -0.86 0.00 | 43.60 -0.84 0.00 | 38.83 -0.80 -0.05 | 38.14 -0.75 0.00 | 39.55 -0.74 0.00 | 39.49 -0.70 0.00 | 44.90 -0.75 0.00 | 47.15 -0.80 0.00 | 47.57 -0.75 0.00 | 51.86 -0.79 0.00 | 53.91 -0.74 0.00 | 55.22 -0.91 0.00 | 52.70 -0.93 0.00 | 60.42 -0.98 0.00 | 55.61 -0.92 0.00 | 56.00 -0.98 0.00 | 213.86 -3.82 0.00 | 65.71 -1.20 0.00 | 60.37 -1.13 0.00 | 105.37 -2.01 -0.03 | 50.40 -1.10 -0.06 | 42.56 -0.91 -0.01 | 38.17 -0.78 0.00 | 46.03 -0.96 0.00 |
| PROJECT___ORANGE 2 24166 | 43.56 -0.86 0.00 | 43.60 -0.84 0.00 | 38.83 -0.80 -0.05 | 38.14 -0.75 0.00 | 39.55 -0.74 0.00 | 39.49 -0.70 0.00 | 44.90 -0.75 0.00 | 47.15 -0.80 0.00 | 47.57 -0.75 0.00 | 51.86 -0.79 0.00 | 53.91 -0.74 0.00 | 55.22 -0.91 0.00 | 52.70 -0.93 0.00 | 60.42 -0.98 0.00 | 55.61 -0.92 0.00 | 56.00 -0.98 0.00 | 213.86 -3.82 0.00 | 65.71 -1.20 0.00 | 60.37 -1.13 0.00 | 105.37 -2.01 -0.03 | 50.40 -1.10 -0.06 | 42.56 -0.91 -0.01 | 38.17 -0.78 0.00 | 46.03 -0.96 0.00 |
| PUCKETT___SOLAR 323809 | 44.48 0.06 0.00 | 44.54 0.09 0.00 | 39.71 -0.06 -0.19 | 38.82 -0.07 0.00 | 40.36 0.07 0.00 | 40.27 0.07 0.00 | 45.99 0.33 0.00 | 48.30 0.34 0.00 | 48.72 0.40 0.00 | 52.93 0.28 0.00 | 54.93 0.28 0.00 | 56.24 0.11 0.00 | 53.63 0.01 0.00 | 61.79 0.39 0.00 | 56.72 0.19 0.00 | 57.10 0.11 0.00 | 217.69 0.02 0.00 | 66.74 -0.17 0.00 | 61.38 -0.11 0.00 | 107.32 -0.14 -0.12 | 51.47 -0.21 -0.23 | 43.42 -0.06 -0.02 | 38.88 -0.07 0.00 | 46.92 -0.06 0.00 |
| PYRITES___HYD 24023 | 44.27 -0.16 0.00 | 44.37 -0.07 0.00 | 39.56 -0.02 -0.01 | 38.70 -0.19 0.00 | 40.18 -0.11 0.00 | 40.93 0.74 0.00 | 46.67 1.01 0.00 | 48.99 1.03 0.00 | 49.92 1.60 0.00 | 54.17 1.52 0.00 | 57.10 2.45 0.00 | 59.59 3.47 0.00 | 56.86 3.24 0.00 | 64.54 3.15 0.00 | 59.41 2.87 0.00 | 59.23 2.25 0.00 | 220.40 2.72 0.00 | 68.64 1.73 0.00 | 63.12 1.63 0.00 | 110.33 2.98 -0.01 | 52.71 1.26 -0.01 | 44.32 0.85 0.00 | 40.08 1.13 0.00 | 48.16 1.18 0.00 |
| QUAKERRD_115KV_BK1 80622 | 43.13 -1.30 0.00 | 43.24 -1.21 0.00 | 38.39 -1.24 -0.06 | 37.77 -1.11 0.00 | 39.22 -1.07 0.00 | 39.12 -1.07 0.00 | 44.32 -1.34 0.00 | 46.29 -1.67 0.00 | 46.89 -1.43 0.00 | 51.34 -1.31 0.00 | 53.57 -1.07 0.00 | 54.70 -1.42 0.00 | 51.91 -1.71 0.00 | 59.64 -1.75 0.00 | 54.74 -1.79 0.00 | 55.10 -1.88 0.00 | 209.61 -8.06 0.00 | 64.52 -2.39 0.00 | 59.27 -2.23 0.00 | 103.45 -3.93 -0.04 | 49.29 -2.22 -0.08 | 41.59 -1.88 -0.01 | 37.36 -1.59 0.00 | 45.13 -1.85 0.00 |
| QUENSBRY_115KV_TB8 356137 | 48.18 3.75 0.00 | 48.13 3.69 0.00 | 43.52 3.25 -0.70 | 42.06 3.17 0.00 | 43.34 3.05 0.00 | 42.87 2.68 0.00 | 48.76 3.11 0.00 | 51.17 3.21 0.00 | 51.42 3.09 0.00 | 55.75 3.10 0.00 | 57.63 2.98 0.00 | 59.11 2.98 0.00 | 56.37 2.75 0.00 | 64.53 3.14 0.00 | 59.89 3.35 0.00 | 60.52 3.54 0.00 | 231.80 14.12 0.00 | 71.29 4.37 0.00 | 65.66 4.16 0.00 | 114.82 7.04 -0.43 | 55.75 3.44 -0.86 | 46.27 2.73 -0.08 | 41.31 2.36 0.00 | 49.81 2.83 -0.01 |
| RAMAPO___LBMP 323565 | 46.15 1.73 0.00 | 46.07 1.63 0.00 | 41.49 1.38 -0.53 | 40.18 1.29 0.00 | 41.60 1.31 0.00 | 41.50 1.30 0.00 | 47.24 1.58 0.00 | 49.71 1.76 0.00 | 49.90 1.57 0.00 | 54.40 1.75 0.00 | 56.40 1.76 0.00 | 58.03 1.90 0.00 | 55.59 1.97 0.00 | 63.60 2.21 0.00 | 58.51 1.97 0.00 | 59.05 2.07 0.00 | 227.16 9.49 0.00 | 69.95 3.04 0.00 | 64.21 2.72 0.00 | 111.98 4.30 -0.33 | 54.32 2.22 -0.66 | 45.34 1.82 -0.06 | 40.53 1.58 0.00 | 48.98 2.00 0.00 |
| RANKINE____ 23646 | 43.90 -0.53 0.00 | 44.18 -0.26 0.00 | 39.08 -0.59 -0.09 | 38.55 -0.33 0.00 | 40.07 -0.22 0.00 | 39.87 -0.32 0.00 | 44.91 -0.74 0.00 | 46.47 -1.48 0.00 | 47.33 -0.99 0.00 | 52.10 -0.55 0.00 | 54.70 0.05 0.00 | 55.59 -0.54 0.00 | 52.34 -1.28 0.00 | 60.20 -1.20 0.00 | 54.99 -1.54 0.00 | 55.22 -1.77 0.00 | 209.08 -8.60 0.00 | 64.34 -2.58 0.00 | 59.11 -2.38 0.00 | 103.34 -4.07 -0.06 | 49.11 -2.45 -0.12 | 41.57 -1.90 -0.01 | 37.53 -1.42 0.00 | 45.60 -1.38 0.00 |
| RAVENSWOOD_GT2_1 24244 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.91 1.78 -0.55 | 40.54 1.66 0.00 | 41.99 1.70 0.00 | 41.93 1.74 0.00 | 47.76 2.11 0.00 | 50.31 2.36 0.00 | 50.61 2.29 0.00 | 59.64 2.61 -4.38 | 67.64 2.68 -10.32 | 147.73 2.90 -88.70 | 116.58 2.91 -60.05 | 65.87 3.21 -1.27 | 61.11 2.92 -1.66 | 61.20 2.96 -1.26 | 230.10 12.43 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.52 5.83 -0.34 | 56.17 3.01 -1.73 | 46.27 2.49 -0.33 | 41.08 2.13 0.00 | 49.57 2.59 0.00 |
| RAVENSWOOD_GT2_2 24245 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.91 1.78 -0.55 | 40.54 1.66 0.00 | 41.99 1.70 0.00 | 41.93 1.74 0.00 | 47.76 2.11 0.00 | 50.31 2.36 0.00 | 50.61 2.29 0.00 | 59.64 2.61 -4.38 | 67.64 2.68 -10.32 | 147.73 2.90 -88.70 | 116.58 2.91 -60.05 | 65.87 3.21 -1.27 | 61.11 2.92 -1.66 | 61.20 2.96 -1.26 | 230.10 12.43 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.52 5.83 -0.34 | 56.17 3.01 -1.73 | 46.27 2.49 -0.33 | 41.08 2.13 0.00 | 49.57 2.59 0.00 |

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|---|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-----------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|
| RAVENSWOOD_GT2_3 24246 | 46.69 2.27 0.00 | 46.55 2.11 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.94 1.75 0.00 | 47.79 2.13 0.00 | 50.34 2.39 0.00 | 50.65 2.32 0.00 | 59.66 2.63 -4.38 | 67.67 2.71 -10.32 | 147.77 2.94 -88.70 | 116.60 2.93 -60.05 | 65.90 3.24 -1.27 | 61.13 2.94 -1.66 | 61.23 2.99 -1.26 | 230.24 12.56 0.00 | 70.86 3.95 0.00 | 65.11 3.62 0.00 | 113.60 5.92 -0.34 | 56.19 3.03 -1.73 | 46.29 2.50 -0.33 | 41.10 2.15 0.00 | 49.59 2.60 0.00 |
| RAVENSWOOD_GT2_4 24247 | 46.69 2.27 0.00 | 46.55 2.11 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.94 1.75 0.00 | 47.79 2.13 0.00 | 50.34 2.39 0.00 | 50.65 2.32 0.00 | 59.66 2.63 -4.38 | 67.67 2.71 -10.32 | 147.77 2.94 -88.70 | 116.60 2.93 -60.05 | 65.90 3.24 -1.27 | 61.13 2.94 -1.66 | 61.23 2.99 -1.26 | 230.24 12.56 0.00 | 70.86 3.95 0.00 | 65.11 3.62 0.00 | 113.60 5.92 -0.34 | 56.19 3.03 -1.73 | 46.29 2.50 -0.33 | 41.10 2.15 0.00 | 49.59 2.60 0.00 |
| RAVENSWOOD_GT3_1 24248 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.91 1.78 -0.55 | 40.55 1.66 0.00 | 41.99 1.70 0.00 | 41.93 1.74 0.00 | 47.76 2.11 0.00 | 50.31 2.36 0.00 | 50.61 2.29 0.00 | 59.65 2.61 -4.38 | 67.64 2.68 -10.32 | 147.73 2.90 -88.70 | 116.58 2.91 -60.05 | 65.87 3.21 -1.27 | 61.11 2.92 -1.66 | 61.20 2.96 -1.26 | 230.10 12.43 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.52 5.83 -0.34 | 56.17 3.01 -1.73 | 46.28 2.49 -0.33 | 41.08 2.13 0.00 | 49.57 2.59 0.00 |
| RAVENSWOOD_GT3_2 24249 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.91 1.78 -0.55 | 40.55 1.66 0.00 | 41.99 1.70 0.00 | 41.93 1.74 0.00 | 47.76 2.11 0.00 | 50.31 2.36 0.00 | 50.61 2.29 0.00 | 59.65 2.61 -4.38 | 67.64 2.68 -10.32 | 147.73 2.90 -88.70 | 116.58 2.91 -60.05 | 65.87 3.21 -1.27 | 61.11 2.92 -1.66 | 61.20 2.96 -1.26 | 230.10 12.43 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.52 5.83 -0.34 | 56.17 3.01 -1.73 | 46.28 2.49 -0.33 | 41.08 2.13 0.00 | 49.57 2.59 0.00 |
| RAVENSWOOD_GT3_3 24250 | 46.73 2.31 0.00 | 46.59 2.14 0.00 | 41.97 1.84 -0.55 | 40.60 1.71 0.00 | 42.05 1.76 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.39 2.44 0.00 | 50.70 2.38 0.00 | 59.73 2.69 -4.38 | 67.74 2.77 -10.32 | 147.82 2.99 -88.70 | 116.67 3.00 -60.05 | 65.98 3.32 -1.27 | 61.19 3.00 -1.66 | 61.30 3.06 -1.26 | 230.46 12.79 0.00 | 70.95 4.04 0.00 | 65.19 3.69 0.00 | 113.71 6.02 -0.34 | 56.25 3.09 -1.73 | 46.33 2.54 -0.33 | 41.14 2.19 0.00 | 49.64 2.65 0.00 |
| RAVENSWOOD_GT3_4 24251 | 46.73 2.31 0.00 | 46.59 2.14 0.00 | 41.97 1.84 -0.55 | 40.60 1.71 0.00 | 42.05 1.76 0.00 | 41.98 1.78 0.00 | 47.83 2.18 0.00 | 50.39 2.44 0.00 | 50.70 2.38 0.00 | 59.73 2.69 -4.38 | 67.74 2.77 -10.32 | 147.82 2.99 -88.70 | 116.67 3.00 -60.05 | 65.98 3.32 -1.27 | 61.19 3.00 -1.66 | 61.30 3.06 -1.26 | 230.46 12.79 0.00 | 70.95 4.04 0.00 | 65.19 3.69 0.00 | 113.71 6.02 -0.34 | 56.25 3.09 -1.73 | 46.33 2.54 -0.33 | 41.14 2.19 0.00 | 49.64 2.65 0.00 |
| RAVENSWOOD_GT_1 23729 | 46.78 2.36 0.00 | 46.65 2.20 0.00 | 42.00 1.87 -0.55 | 40.63 1.75 0.00 | 42.09 1.80 0.00 | 42.04 1.85 0.00 | 47.88 2.23 0.00 | 50.41 2.46 0.00 | 50.73 2.41 0.00 | 59.84 2.81 -4.38 | 67.85 2.89 -10.32 | 148.03 3.19 -88.70 | 116.81 3.14 -60.05 | 66.01 3.34 -1.27 | 61.23 3.04 -1.66 | 61.32 3.08 -1.26 | 230.56 12.89 0.00 | 70.96 4.05 0.00 | 65.20 3.71 0.00 | 113.75 6.07 -0.34 | 56.35 3.18 -1.73 | 46.43 2.64 -0.33 | 41.20 2.24 0.00 | 49.69 2.70 0.00 |
| RAVENSWOOD_GT_10 24258 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.91 1.78 -0.55 | 40.54 1.66 0.00 | 41.99 1.70 0.00 | 41.93 1.74 0.00 | 47.76 2.11 0.00 | 50.32 2.36 0.00 | 50.61 2.29 0.00 | 59.63 2.60 -4.38 | 67.63 2.67 -10.32 | 147.73 2.90 -88.70 | 116.58 2.91 -60.05 | 65.87 3.21 -1.27 | 61.11 2.92 -1.66 | 61.20 2.96 -1.26 | 230.10 12.43 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.52 5.83 -0.34 | 56.17 3.01 -1.73 | 46.27 2.48 -0.33 | 41.08 2.13 0.00 | 49.57 2.59 0.00 |
| RAVENSWOOD_GT_11 24259 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.91 1.78 -0.55 | 40.54 1.66 0.00 | 41.99 1.70 0.00 | 41.93 1.74 0.00 | 47.76 2.11 0.00 | 50.32 2.36 0.00 | 50.61 2.29 0.00 | 59.63 2.60 -4.38 | 67.63 2.67 -10.32 | 147.73 2.90 -88.70 | 116.58 2.91 -60.05 | 65.87 3.21 -1.27 | 61.11 2.92 -1.66 | 61.20 2.96 -1.26 | 230.10 12.43 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.52 5.83 -0.34 | 56.17 3.01 -1.73 | 46.27 2.48 -0.33 | 41.08 2.13 0.00 | 49.57 2.59 0.00 |
| RAVENSWOOD_GT_4 24252 | 46.68 2.25 0.00 | 46.53 2.09 0.00 | 41.91 1.78 -0.55 | 40.55 1.66 0.00 | 42.00 1.71 0.00 | 41.94 1.74 0.00 | 47.78 2.12 0.00 | 50.32 2.37 0.00 | 50.62 2.30 0.00 | 59.67 2.63 -4.38 | 67.67 2.71 -10.32 | 147.78 2.95 -88.70 | 116.61 2.94 -60.05 | 65.89 3.23 -1.27 | 61.11 2.92 -1.66 | 61.21 2.97 -1.26 | 230.12 12.45 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.54 5.85 -0.34 | 56.18 3.02 -1.73 | 46.29 2.50 -0.33 | 41.09 2.14 0.00 | 49.58 2.59 0.00 |
| RAVENSWOOD_GT_5 24254 | 46.68 2.25 0.00 | 46.53 2.09 0.00 | 41.91 1.78 -0.55 | 40.55 1.66 0.00 | 42.00 1.71 0.00 | 41.94 1.74 0.00 | 47.78 2.12 0.00 | 50.32 2.37 0.00 | 50.62 2.30 0.00 | 59.67 2.63 -4.38 | 67.67 2.71 -10.32 | 147.78 2.95 -88.70 | 116.61 2.94 -60.05 | 65.89 3.23 -1.27 | 61.11 2.92 -1.66 | 61.21 2.97 -1.26 | 230.12 12.45 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.54 5.85 -0.34 | 56.18 3.02 -1.73 | 46.29 2.50 -0.33 | 41.09 2.14 0.00 | 49.58 2.59 0.00 |
| RAVENSWOOD_GT_6 24253 | 46.68 2.25 0.00 | 46.53 2.09 0.00 | 41.91 1.78 -0.55 | 40.55 1.66 0.00 | 42.00 1.71 0.00 | 41.94 1.74 0.00 | 47.78 2.12 0.00 | 50.32 2.37 0.00 | 50.62 2.30 0.00 | 59.67 2.63 -4.38 | 67.67 2.71 -10.32 | 147.78 2.95 -88.70 | 116.61 2.94 -60.05 | 65.89 3.23 -1.27 | 61.11 2.92 -1.66 | 61.21 2.97 -1.26 | 230.12 12.45 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.54 5.85 -0.34 | 56.18 3.02 -1.73 | 46.29 2.50 -0.33 | 41.09 2.14 0.00 | 49.58 2.59 0.00 |
| RAVENSWOOD_GT_7 24255 | 46.68 2.25 0.00 | 46.53 2.09 0.00 | 41.91 1.78 -0.55 | 40.55 1.66 0.00 | 42.00 1.71 0.00 | 41.94 1.74 0.00 | 47.78 2.12 0.00 | 50.32 2.37 0.00 | 50.62 2.30 0.00 | 59.67 2.63 -4.38 | 67.67 2.71 -10.32 | 147.78 2.95 -88.70 | 116.61 2.94 -60.05 | 65.89 3.23 -1.27 | 61.11 2.92 -1.66 | 61.21 2.97 -1.26 | 230.12 12.45 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.54 5.85 -0.34 | 56.18 3.02 -1.73 | 46.29 2.50 -0.33 | 41.09 2.14 0.00 | 49.58 2.59 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.91 1.78 -0.55 | 40.54 1.66 0.00 | 41.99 1.70 0.00 | 41.93 1.74 0.00 | 47.76 2.11 0.00 | 50.32 2.36 0.00 | 50.61 2.29 0.00 | 59.63 2.60 -4.38 | 67.63 2.67 -10.32 | 147.73 2.90 -88.70 | 116.58 2.91 -60.05 | 65.87 3.21 -1.27 | 61.11 2.92 -1.66 | 61.20 2.96 -1.26 | 230.10 12.43 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.52 5.83 -0.34 | 56.17 3.01 -1.73 | 46.27 2.48 -0.33 | 41.08 2.13 0.00 | 49.57 2.59 0.00 |
| RAVENSWOOD_GT_9 24257 | 46.68 2.25 0.00 | 46.52 2.08 0.00 | 41.91 1.78 -0.55 | 40.54 1.66 0.00 | 41.99 1.70 0.00 | 41.93 1.74 0.00 | 47.76 2.11 0.00 | 50.32 2.36 0.00 | 50.61 2.29 0.00 | 59.63 2.60 -4.38 | 67.63 2.67 -10.32 | 147.73 2.90 -88.70 | 116.58 2.91 -60.05 | 65.87 3.21 -1.27 | 61.11 2.92 -1.66 | 61.20 2.96 -1.26 | 230.10 12.43 0.00 | 70.83 3.92 0.00 | 65.09 3.59 0.00 | 113.52 5.83 -0.34 | 56.17 3.01 -1.73 | 46.27 2.48 -0.33 | 41.08 2.13 0.00 | 49.57 2.59 0.00 |

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| RAVENSWOOD___1 23533 | 46.70 2.28 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.73 0.00 | 41.96 1.76 0.00 | 47.80 2.14 0.00 | 50.34 2.39 0.00 | 50.65 2.33 0.00 | 59.74 2.71 -4.39 | 67.74 2.77 -10.32 | 147.91 3.08 -88.70 | 116.71 3.04 -60.05 | 65.92 3.25 -1.27 | 61.15 2.96 -1.66 | 61.24 3.00 -1.26 | 230.32 12.64 0.00 | 70.87 3.96 0.00 | 65.11 3.62 0.00 | 113.62 5.93 -0.34 | 56.25 3.07 -1.74 | 46.34 2.55 -0.33 | 41.12 2.17 0.00 | 49.60 2.62 0.00 |
| RAVENSWOOD___2 23534 | 46.70 2.28 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.73 0.00 | 41.96 1.76 0.00 | 47.80 2.14 0.00 | 50.34 2.39 0.00 | 50.65 2.33 0.00 | 59.74 2.71 -4.39 | 67.74 2.77 -10.32 | 147.91 3.08 -88.70 | 116.71 3.04 -60.05 | 65.92 3.25 -1.27 | 61.15 2.96 -1.66 | 61.24 3.00 -1.26 | 230.32 12.64 0.00 | 70.87 3.96 0.00 | 65.11 3.62 0.00 | 113.62 5.93 -0.34 | 56.25 3.07 -1.74 | 46.34 2.55 -0.33 | 41.12 2.17 0.00 | 49.60 2.62 0.00 |
| RAVENSWOOD___3 23535 | 46.68 2.25 0.00 | 46.53 2.08 0.00 | 41.91 1.78 -0.55 | 40.55 1.66 0.00 | 41.99 1.71 0.00 | 41.93 1.73 0.00 | 47.77 2.11 0.00 | 50.32 2.37 0.00 | 50.61 2.29 0.00 | 59.65 2.61 -4.39 | 67.65 2.68 -10.32 | 147.73 2.90 -88.70 | 116.58 2.92 -60.05 | 65.88 3.21 -1.27 | 61.11 2.91 -1.66 | 61.20 2.96 -1.26 | 230.17 12.50 0.00 | 70.83 3.92 0.00 | 65.09 3.60 0.00 | 113.52 5.83 -0.34 | 56.19 3.01 -1.74 | 46.28 2.49 -0.33 | 41.09 2.14 0.00 | 49.57 2.59 0.00 |
| RAVENSWOOD___4 23820 | 46.70 2.28 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.73 0.00 | 41.96 1.76 0.00 | 47.80 2.14 0.00 | 50.34 2.39 0.00 | 50.65 2.33 0.00 | 59.74 2.71 -4.39 | 67.74 2.77 -10.32 | 147.91 3.08 -88.70 | 116.71 3.04 -60.05 | 65.92 3.25 -1.27 | 61.15 2.96 -1.66 | 61.24 3.00 -1.26 | 230.32 12.64 0.00 | 70.87 3.96 0.00 | 65.11 3.62 0.00 | 113.62 5.93 -0.34 | 56.25 3.07 -1.74 | 46.34 2.55 -0.33 | 41.12 2.17 0.00 | 49.60 2.62 0.00 |
| RCPL_TRUST___DRP 24196 | 46.64 2.22 0.00 | 46.48 2.04 0.00 | 41.87 1.74 -0.55 | 40.52 1.63 0.00 | 41.97 1.69 0.00 | 41.89 1.70 0.00 | 47.74 2.08 0.00 | 50.29 2.34 0.00 | 50.60 2.28 0.00 | 55.01 2.57 0.21 | 56.79 2.63 0.49 | 54.76 2.84 4.21 | 53.62 2.85 2.85 | 64.48 3.15 0.06 | 59.33 2.87 0.08 | 59.85 2.93 0.06 | 230.00 12.33 0.00 | 70.78 3.87 0.00 | 65.04 3.54 0.00 | 113.41 5.72 -0.34 | 55.01 2.94 -0.63 | 45.93 2.42 -0.05 | 41.04 2.09 0.00 | 49.53 2.55 0.00 |
| RED___ROCHESTER 323720 | 44.44 0.01 0.00 | 44.54 0.10 0.00 | 39.49 -0.15 -0.07 | 38.87 -0.01 0.00 | 40.39 0.10 0.00 | 40.27 0.07 0.00 | 45.61 -0.04 0.00 | 47.62 -0.33 0.00 | 48.31 -0.01 0.00 | 52.96 0.31 0.00 | 55.30 0.65 0.00 | 56.39 0.27 0.00 | 53.46 -0.15 0.00 | 61.47 0.08 0.00 | 56.36 -0.17 0.00 | 56.73 -0.26 0.00 | 215.26 -2.42 0.00 | 66.41 -0.50 0.00 | 61.00 -0.49 0.00 | 106.46 -0.93 -0.04 | 50.67 -0.84 -0.08 | 42.74 -0.73 -0.01 | 38.40 -0.55 0.00 | 46.39 -0.59 0.00 |
| REGAN___SOLAR 323812 | 45.90 1.47 0.00 | 45.92 1.47 0.00 | 41.64 1.30 -0.76 | 40.15 1.26 0.00 | 41.67 1.39 0.00 | 41.64 1.45 0.00 | 47.47 1.81 0.00 | 50.02 2.07 0.00 | 50.16 1.84 0.00 | 54.56 1.91 0.00 | 56.58 1.93 0.00 | 57.63 1.50 0.00 | 54.57 0.95 0.00 | 62.94 1.54 0.00 | 58.47 1.94 0.00 | 59.11 2.12 0.00 | 226.17 8.50 0.00 | 69.77 2.85 0.00 | 64.07 2.58 0.00 | 112.22 4.41 -0.47 | 54.46 2.08 -0.94 | 45.17 1.63 -0.09 | 40.32 1.37 0.00 | 48.52 1.53 -0.01 |
| RENSSELAER___COGEN 23796 | 45.62 1.20 0.00 | 45.62 1.17 0.00 | 41.37 1.12 -0.67 | 39.97 1.08 0.00 | 41.37 1.08 0.00 | 41.20 1.01 0.00 | 46.67 1.02 0.00 | 49.12 1.17 0.00 | 49.37 1.04 0.00 | 53.67 1.03 0.00 | 55.57 0.92 0.00 | 57.06 0.93 0.00 | 54.67 1.04 0.00 | 62.54 1.14 0.00 | 57.71 1.17 0.00 | 58.23 1.24 0.00 | 222.62 4.95 0.00 | 68.48 1.57 0.00 | 62.96 1.46 0.00 | 110.25 2.49 -0.42 | 53.58 1.31 -0.83 | 44.68 1.14 -0.08 | 39.97 1.02 0.00 | 48.18 1.20 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 50.69 6.27 0.00 | 50.55 6.10 0.00 | 45.62 5.35 -0.70 | 44.18 5.30 0.00 | 45.75 5.46 0.00 | 45.55 5.36 0.00 | 52.05 6.39 0.00 | 54.52 6.57 0.00 | 54.76 6.44 0.00 | 59.07 6.43 0.00 | 60.64 6.00 0.00 | 62.13 6.00 0.00 | 59.25 5.63 0.00 | 68.09 6.69 0.00 | 63.57 7.04 0.00 | 64.53 7.55 0.00 | 247.74 30.07 0.00 | 75.95 9.04 0.00 | 70.14 8.65 0.00 | 122.48 14.70 -0.43 | 59.10 6.80 -0.86 | 48.98 5.44 -0.08 | 43.72 4.77 0.00 | 52.90 5.91 -0.01 |
| REVERE_CPPR_DRP 24186 | 45.62 1.20 0.00 | 45.69 1.25 0.00 | 40.57 0.97 -0.03 | 39.90 1.01 0.00 | 41.49 1.20 0.00 | 41.59 1.40 0.00 | 47.37 1.71 0.00 | 49.87 1.91 0.00 | 50.35 2.02 0.00 | 54.73 2.08 0.00 | 56.92 2.27 0.00 | 58.44 2.31 0.00 | 55.66 2.04 0.00 | 63.82 2.43 0.00 | 58.94 2.41 0.00 | 59.39 2.40 0.00 | 226.48 8.80 0.00 | 69.48 2.57 0.00 | 63.76 2.27 0.00 | 111.30 3.94 -0.02 | 53.23 1.76 -0.04 | 44.88 1.42 0.00 | 40.18 1.23 0.00 | 48.32 1.34 0.00 |
| REYNLDPA_13_KV_LD 356490 | 43.71 -0.72 0.00 | 43.80 -0.65 0.00 | 39.05 -0.52 0.00 | 38.22 -0.67 0.00 | 39.71 -0.58 0.00 | 40.54 0.34 0.00 | 46.41 0.75 0.00 | 48.59 0.64 0.00 | 49.42 1.10 0.00 | 54.08 1.43 0.00 | 56.60 1.96 0.00 | 59.15 3.02 0.00 | 56.11 2.50 0.00 | 64.00 2.61 0.00 | 58.69 2.16 0.00 | 58.80 1.81 0.00 | 218.97 1.30 0.00 | 68.21 1.30 0.00 | 62.79 1.30 0.00 | 109.70 2.36 0.00 | 52.43 1.00 0.00 | 44.01 0.56 0.00 | 39.75 0.80 0.00 | 47.64 0.65 0.00 |
| REYNOLDS_115KV_TB3 80639 | 45.93 1.50 0.00 | 45.89 1.45 0.00 | 41.61 1.37 -0.67 | 40.20 1.31 0.00 | 41.59 1.30 0.00 | 41.43 1.23 0.00 | 46.88 1.22 0.00 | 49.33 1.38 0.00 | 49.56 1.24 0.00 | 53.90 1.25 0.00 | 55.75 1.10 0.00 | 57.29 1.17 0.00 | 54.89 1.27 0.00 | 62.79 1.40 0.00 | 57.95 1.41 0.00 | 58.51 1.52 0.00 | 223.67 6.00 0.00 | 68.82 1.91 0.00 | 63.25 1.76 0.00 | 110.78 3.02 -0.42 | 53.83 1.56 -0.83 | 44.88 1.34 -0.08 | 40.15 1.20 0.00 | 48.44 1.46 0.00 |
| RIVERBAY____ 323610 | 47.52 3.09 0.00 | 47.41 2.97 0.00 | 42.70 2.57 -0.55 | 41.34 2.45 0.00 | 42.87 2.57 0.00 | 42.87 2.67 0.00 | 48.83 3.17 0.00 | 51.44 3.49 0.00 | 51.62 3.30 0.00 | 60.81 3.77 -4.38 | 68.84 3.87 -10.32 | 149.13 4.29 -88.70 | 117.77 4.10 -60.05 | 67.14 4.47 -1.27 | 62.11 3.92 -1.66 | 62.17 3.93 -1.26 | 234.08 16.41 0.00 | 72.06 5.15 0.00 | 66.21 4.71 0.00 | 115.65 7.96 -0.34 | 57.16 3.99 -1.73 | 47.11 3.32 -0.33 | 41.71 2.76 0.00 | 50.27 3.29 0.00 |
| RIVERSDE_115KV_TB3 55908 | 45.82 1.40 0.00 | 45.80 1.35 0.00 | 41.52 1.28 -0.67 | 40.12 1.23 0.00 | 41.52 1.23 0.00 | 41.35 1.16 0.00 | 46.83 1.17 0.00 | 49.29 1.34 0.00 | 49.54 1.22 0.00 | 53.85 1.20 0.00 | 55.75 1.10 0.00 | 57.25 1.13 0.00 | 54.84 1.22 0.00 | 62.74 1.35 0.00 | 57.89 1.36 0.00 | 58.45 1.46 0.00 | 223.46 5.79 0.00 | 68.75 1.83 0.00 | 63.19 1.70 0.00 | 110.66 2.89 -0.42 | 53.77 1.50 -0.83 | 44.83 1.29 -0.08 | 40.10 1.15 0.00 | 48.35 1.36 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 43.06 -1.36 0.00 | 43.01 -1.43 0.00 | 38.27 -1.31 0.00 | 37.60 -1.29 0.00 | 39.08 -1.21 0.00 | 39.39 -0.80 0.00 | 44.84 -0.82 0.00 | 46.97 -0.98 0.00 | 47.97 -0.35 0.00 | 52.42 -0.22 0.00 | 54.54 -0.11 0.00 | 56.59 0.46 0.00 | 54.06 0.44 0.00 | 61.65 0.26 0.00 | 56.47 -0.06 0.00 | 56.60 -0.39 0.00 | 214.08 -3.59 0.00 | 65.93 -0.98 0.00 | 60.46 -1.03 0.00 | 105.90 -1.45 0.00 | 50.92 -0.52 0.00 | 42.99 -0.46 0.00 | 38.70 -0.25 0.00 | 46.45 -0.53 0.00 |

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|--|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 43.96 -0.47 0.00 | 44.08 -0.36 0.00 | 39.11 -0.53 -0.07 | 38.49 -0.39 0.00 | 39.98 -0.31 0.00 | 39.84 -0.36 0.00 | 45.06 -0.60 0.00 | 47.00 -0.96 0.00 | 47.66 -0.66 0.00 | 52.24 -0.40 0.00 | 54.58 -0.06 0.00 | 55.66 -0.47 0.00 | 52.77 -0.85 0.00 | 60.64 -0.76 0.00 | 55.61 -0.92 0.00 | 55.94 -1.04 0.00 | 212.56 -5.12 0.00 | 65.44 -1.48 0.00 | 60.11 -1.38 0.00 | 104.95 -2.44 -0.04 | 49.97 -1.55 -0.08 | 42.19 -1.28 -0.01 | 37.95 -1.00 0.00 | 45.87 -1.11 0.00 |
| ROCHESTER_9_IC 23652 | 44.27 -0.16 0.00 | 44.39 -0.06 0.00 | 39.36 -0.28 -0.07 | 38.75 -0.14 0.00 | 40.26 -0.03 0.00 | 40.13 -0.07 0.00 | 45.42 -0.24 0.00 | 47.42 -0.54 0.00 | 48.09 -0.23 0.00 | 52.70 0.05 0.00 | 55.06 0.41 0.00 | 56.15 0.02 0.00 | 53.23 -0.39 0.00 | 61.18 -0.22 0.00 | 56.10 -0.43 0.00 | 56.45 -0.53 0.00 | 214.53 -3.15 0.00 | 66.06 -0.85 0.00 | 60.68 -0.81 0.00 | 105.91 -1.48 -0.04 | 50.41 -1.11 -0.08 | 42.53 -0.93 -0.01 | 38.25 -0.70 0.00 | 46.20 -0.78 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 46.72 2.30 0.00 | 46.59 2.15 0.00 | 41.97 1.84 -0.55 | 40.61 1.72 0.00 | 42.05 1.76 0.00 | 41.98 1.79 0.00 | 47.81 2.15 0.00 | 50.33 2.37 0.00 | 50.58 2.26 0.00 | 55.16 2.51 0.00 | 57.22 2.57 0.00 | 58.90 2.78 0.00 | 56.43 2.81 0.00 | 64.51 3.12 0.00 | 59.36 2.83 0.00 | 59.87 2.88 0.00 | 229.90 12.22 0.00 | 70.81 3.90 0.00 | 65.06 3.57 0.00 | 113.50 5.81 -0.34 | 55.08 2.96 -0.68 | 45.99 2.46 -0.06 | 41.08 2.13 0.00 | 49.57 2.59 0.00 |
| ROME____115KV_TB2 80656 | 45.62 1.20 0.00 | 45.69 1.25 0.00 | 40.57 0.97 -0.03 | 39.90 1.01 0.00 | 41.49 1.20 0.00 | 41.59 1.40 0.00 | 47.37 1.71 0.00 | 49.87 1.91 0.00 | 50.35 2.02 0.00 | 54.73 2.08 0.00 | 56.92 2.27 0.00 | 58.44 2.31 0.00 | 55.66 2.04 0.00 | 63.82 2.43 0.00 | 58.94 2.41 0.00 | 59.39 2.40 0.00 | 226.48 8.80 0.00 | 69.48 2.57 0.00 | 63.76 2.27 0.00 | 111.30 3.94 -0.02 | 53.23 1.76 -0.04 | 44.88 1.42 0.00 | 40.18 1.23 0.00 | 48.32 1.34 0.00 |
| ROSETON___1 23587 | 46.16 1.73 0.00 | 46.09 1.64 0.00 | 41.55 1.42 -0.55 | 40.23 1.34 0.00 | 41.66 1.37 0.00 | 41.54 1.35 0.00 | 47.26 1.60 0.00 | 49.74 1.78 0.00 | 49.98 1.66 0.00 | 54.45 1.80 0.00 | 56.44 1.79 0.00 | 58.07 1.94 0.00 | 55.63 2.01 0.00 | 63.61 2.21 0.00 | 58.57 2.04 0.00 | 59.11 2.12 0.00 | 226.90 9.22 0.00 | 69.81 2.90 0.00 | 64.15 2.66 0.00 | 112.05 4.36 -0.34 | 54.35 2.23 -0.68 | 45.36 1.83 -0.06 | 40.55 1.60 0.00 | 48.93 1.95 0.00 |
| ROSETON___2 23588 | 46.16 1.73 0.00 | 46.09 1.64 0.00 | 41.55 1.42 -0.55 | 40.23 1.34 0.00 | 41.66 1.37 0.00 | 41.54 1.35 0.00 | 47.26 1.60 0.00 | 49.74 1.78 0.00 | 49.98 1.66 0.00 | 54.45 1.80 0.00 | 56.44 1.79 0.00 | 58.07 1.94 0.00 | 55.63 2.01 0.00 | 63.61 2.21 0.00 | 58.57 2.04 0.00 | 59.11 2.12 0.00 | 226.90 9.22 0.00 | 69.81 2.90 0.00 | 64.15 2.66 0.00 | 112.05 4.36 -0.34 | 54.35 2.23 -0.68 | 45.36 1.83 -0.06 | 40.55 1.60 0.00 | 48.93 1.95 0.00 |
| ROTTRDAM_115KV_TB3 80664 | 45.88 1.45 0.00 | 45.88 1.43 0.00 | 41.58 1.30 -0.71 | 40.15 1.26 0.00 | 41.55 1.26 0.00 | 41.37 1.18 0.00 | 47.00 1.34 0.00 | 49.39 1.44 0.00 | 49.67 1.35 0.00 | 54.05 1.40 0.00 | 56.03 1.38 0.00 | 57.53 1.40 0.00 | 54.94 1.33 0.00 | 62.91 1.51 0.00 | 58.06 1.52 0.00 | 58.61 1.63 0.00 | 224.16 6.48 0.00 | 68.94 2.03 0.00 | 63.38 1.88 0.00 | 111.03 3.24 -0.44 | 53.93 1.61 -0.87 | 44.85 1.31 -0.08 | 40.09 1.14 0.00 | 48.36 1.37 -0.01 |
| RUSSELL___1 23602 | 44.44 0.01 0.00 | 44.54 0.10 0.00 | 39.49 -0.15 -0.07 | 38.87 -0.01 0.00 | 40.39 0.10 0.00 | 40.27 0.07 0.00 | 45.61 -0.04 0.00 | 47.62 -0.34 0.00 | 48.31 -0.02 0.00 | 52.95 0.30 0.00 | 55.30 0.65 0.00 | 56.39 0.26 0.00 | 53.47 -0.15 0.00 | 61.47 0.08 0.00 | 56.37 -0.16 0.00 | 56.73 -0.26 0.00 | 215.62 -2.05 0.00 | 66.41 -0.50 0.00 | 61.00 -0.49 0.00 | 106.45 -0.93 -0.04 | 50.67 -0.85 -0.08 | 42.74 -0.73 -0.01 | 38.41 -0.54 0.00 | 46.41 -0.58 0.00 |
| RUSSELL___2 23532 | 44.44 0.01 0.00 | 44.54 0.10 0.00 | 39.49 -0.15 -0.07 | 38.87 -0.01 0.00 | 40.39 0.10 0.00 | 40.27 0.07 0.00 | 45.61 -0.04 0.00 | 47.62 -0.34 0.00 | 48.31 -0.02 0.00 | 52.95 0.30 0.00 | 55.30 0.65 0.00 | 56.39 0.26 0.00 | 53.47 -0.15 0.00 | 61.47 0.08 0.00 | 56.37 -0.16 0.00 | 56.73 -0.26 0.00 | 215.62 -2.05 0.00 | 66.41 -0.50 0.00 | 61.00 -0.49 0.00 | 106.45 -0.93 -0.04 | 50.67 -0.85 -0.08 | 42.74 -0.73 -0.01 | 38.41 -0.54 0.00 | 46.41 -0.58 0.00 |
| RUSSELL___3 23549 | 44.44 0.01 0.00 | 44.54 0.10 0.00 | 39.49 -0.15 -0.07 | 38.87 -0.01 0.00 | 40.39 0.10 0.00 | 40.27 0.07 0.00 | 45.61 -0.04 0.00 | 47.62 -0.34 0.00 | 48.31 -0.02 0.00 | 52.95 0.30 0.00 | 55.30 0.65 0.00 | 56.39 0.26 0.00 | 53.47 -0.15 0.00 | 61.47 0.08 0.00 | 56.37 -0.16 0.00 | 56.73 -0.26 0.00 | 215.62 -2.05 0.00 | 66.41 -0.50 0.00 | 61.00 -0.49 0.00 | 106.45 -0.93 -0.04 | 50.67 -0.85 -0.08 | 42.74 -0.73 -0.01 | 38.41 -0.54 0.00 | 46.41 -0.58 0.00 |
| RUSSELL___4 23556 | 44.44 0.01 0.00 | 44.54 0.10 0.00 | 39.49 -0.15 -0.07 | 38.87 -0.01 0.00 | 40.39 0.10 0.00 | 40.27 0.07 0.00 | 45.61 -0.04 0.00 | 47.62 -0.34 0.00 | 48.31 -0.02 0.00 | 52.95 0.30 0.00 | 55.30 0.65 0.00 | 56.39 0.26 0.00 | 53.47 -0.15 0.00 | 61.47 0.08 0.00 | 56.37 -0.16 0.00 | 56.73 -0.26 0.00 | 215.62 -2.05 0.00 | 66.41 -0.50 0.00 | 61.00 -0.49 0.00 | 106.45 -0.93 -0.04 | 50.67 -0.85 -0.08 | 42.74 -0.73 -0.01 | 38.41 -0.54 0.00 | 46.41 -0.58 0.00 |
| RUSSELL___STATION 23914 | 44.44 0.01 0.00 | 44.54 0.10 0.00 | 39.49 -0.15 -0.07 | 38.87 -0.01 0.00 | 40.39 0.10 0.00 | 40.27 0.07 0.00 | 45.61 -0.04 0.00 | 47.62 -0.34 0.00 | 48.31 -0.02 0.00 | 52.95 0.30 0.00 | 55.30 0.65 0.00 | 56.39 0.26 0.00 | 53.47 -0.15 0.00 | 61.47 0.08 0.00 | 56.37 -0.16 0.00 | 56.73 -0.26 0.00 | 215.62 -2.05 0.00 | 66.41 -0.50 0.00 | 61.00 -0.49 0.00 | 106.45 -0.93 -0.04 | 50.67 -0.85 -0.08 | 42.74 -0.73 -0.01 | 38.41 -0.54 0.00 | 46.41 -0.58 0.00 |
| S SALMON___HYD 24043 | 43.33 -1.09 0.00 | 43.39 -1.06 0.00 | 38.50 -1.11 -0.04 | 37.86 -1.02 0.00 | 39.34 -0.95 0.00 | 39.40 -0.80 0.00 | 44.65 -1.01 0.00 | 47.16 -0.80 0.00 | 47.70 -0.62 0.00 | 51.74 -0.91 0.00 | 54.01 -0.64 0.00 | 55.39 -0.74 0.00 | 52.83 -0.80 0.00 | 60.44 -0.96 0.00 | 55.77 -0.76 0.00 | 56.19 -0.80 0.00 | 213.66 -4.01 0.00 | 65.86 -1.05 0.00 | 60.33 -1.17 0.00 | 105.18 -2.19 -0.03 | 50.44 -1.05 -0.05 | 42.64 -0.83 0.00 | 38.22 -0.73 0.00 | 46.00 -0.98 0.00 |
| S.PERRY__115KV_TB1 80734 | 44.77 0.35 0.00 | 44.90 0.45 0.00 | 39.84 0.17 -0.10 | 39.25 0.36 0.00 | 40.93 0.64 0.00 | 41.02 0.83 0.00 | 46.62 0.97 0.00 | 48.49 0.53 0.00 | 49.32 1.00 0.00 | 53.92 1.27 0.00 | 56.20 1.55 0.00 | 57.13 1.00 0.00 | 54.37 0.75 0.00 | 62.73 1.34 0.00 | 57.23 0.69 0.00 | 57.55 0.56 0.00 | 219.06 1.38 0.00 | 67.38 0.47 0.00 | 61.79 0.29 0.00 | 108.03 0.62 -0.06 | 51.38 -0.18 -0.12 | 43.31 -0.16 -0.01 | 38.88 -0.07 0.00 | 47.00 0.02 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 43.70 -0.72 0.00 | 43.98 -0.46 0.00 | 38.90 -0.77 -0.09 | 38.36 -0.53 0.00 | 39.86 -0.43 0.00 | 39.62 -0.58 0.00 | 44.51 -1.14 0.00 | 46.06 -1.90 0.00 | 46.91 -1.41 0.00 | 51.68 -0.97 0.00 | 54.27 -0.38 0.00 | 55.12 -1.01 0.00 | 51.91 -1.71 0.00 | 59.69 -1.70 0.00 | 54.53 -2.00 0.00 | 54.74 -2.25 0.00 | 207.14 -10.54 0.00 | 63.75 -3.17 0.00 | 58.58 -2.91 0.00 | 102.45 -4.95 -0.06 | 48.66 -2.89 -0.11 | 41.22 -2.25 -0.01 | 37.25 -1.70 0.00 | 45.25 -1.73 0.00 |

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|--------------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 43.70 -0.72 0.00 | 43.98 -0.46 0.00 | 38.90 -0.77 -0.09 | 38.36 -0.53 0.00 | 39.86 -0.43 0.00 | 39.62 -0.58 0.00 | 44.51 -1.14 0.00 | 46.06 -1.90 0.00 | 46.91 -1.41 0.00 | 51.68 -0.97 0.00 | 54.27 -0.38 0.00 | 55.12 -1.01 0.00 | 51.91 -1.71 0.00 | 59.69 -1.70 0.00 | 54.53 -2.00 0.00 | 54.74 -2.25 0.00 | 207.14 -10.54 0.00 | 63.75 -3.17 0.00 | 58.58 -2.91 0.00 | 102.45 -4.95 -0.06 | 48.66 -2.89 -0.11 | 41.22 -2.25 -0.01 | 37.25 -1.70 0.00 | 45.25 -1.73 0.00 |
| SELKIRK___I 23801 | 45.81 1.39 0.00 | 45.85 1.41 0.00 | 41.57 1.33 -0.66 | 40.16 1.27 0.00 | 41.57 1.28 0.00 | 41.40 1.20 0.00 | 46.93 1.27 0.00 | 49.33 1.38 0.00 | 49.58 1.26 0.00 | 53.95 1.30 0.00 | 55.85 1.20 0.00 | 57.35 1.22 0.00 | 54.89 1.26 0.00 | 62.86 1.46 0.00 | 57.98 1.45 0.00 | 58.46 1.48 0.00 | 223.53 5.86 0.00 | 68.77 1.86 0.00 | 63.22 1.73 0.00 | 110.86 3.10 -0.41 | 53.81 1.55 -0.82 | 44.87 1.33 -0.07 | 40.15 1.20 0.00 | 48.43 1.44 0.00 |
| SELKIRK___II 23799 | 45.58 1.15 0.00 | 45.59 1.14 0.00 | 41.34 1.10 -0.67 | 39.94 1.06 0.00 | 41.34 1.05 0.00 | 41.18 0.98 0.00 | 46.68 1.02 0.00 | 49.10 1.15 0.00 | 49.37 1.05 0.00 | 53.71 1.06 0.00 | 55.63 0.98 0.00 | 57.15 1.02 0.00 | 54.72 1.10 0.00 | 62.61 1.22 0.00 | 57.74 1.21 0.00 | 58.23 1.25 0.00 | 222.66 4.98 0.00 | 68.48 1.57 0.00 | 62.96 1.46 0.00 | 110.28 2.52 -0.41 | 53.58 1.32 -0.83 | 44.66 1.13 -0.08 | 39.96 1.01 0.00 | 48.18 1.20 0.00 |
| SENECA OSWGO___HYD 24041 | 42.93 -1.50 0.00 | 42.96 -1.48 0.00 | 38.25 -1.37 -0.05 | 37.58 -1.31 0.00 | 38.96 -1.33 0.00 | 38.90 -1.30 0.00 | 44.21 -1.44 0.00 | 46.52 -1.44 0.00 | 46.93 -1.39 0.00 | 51.12 -1.52 0.00 | 53.13 -1.52 0.00 | 54.45 -1.68 0.00 | 52.00 -1.62 0.00 | 59.63 -1.76 0.00 | 54.91 -1.63 0.00 | 55.27 -1.71 0.00 | 210.98 -6.70 0.00 | 64.91 -2.00 0.00 | 59.60 -1.89 0.00 | 104.08 -3.29 -0.03 | 49.80 -1.69 -0.06 | 42.06 -1.40 0.00 | 37.70 -1.25 0.00 | 45.42 -1.56 0.00 |
| SENECA___115KV_TB3 355854 | 43.96 -0.46 0.00 | 44.26 -0.18 0.00 | 39.13 -0.53 -0.09 | 38.60 -0.28 0.00 | 40.13 -0.17 0.00 | 39.94 -0.26 0.00 | 44.98 -0.67 0.00 | 46.56 -1.40 0.00 | 47.41 -0.91 0.00 | 52.20 -0.45 0.00 | 54.80 0.15 0.00 | 55.68 -0.44 0.00 | 52.43 -1.20 0.00 | 60.32 -1.07 0.00 | 55.08 -1.45 0.00 | 55.32 -1.66 0.00 | 208.89 -8.78 0.00 | 64.45 -2.46 0.00 | 59.23 -2.27 0.00 | 103.55 -3.86 -0.06 | 49.19 -2.37 -0.12 | 41.64 -1.83 -0.01 | 37.58 -1.37 0.00 | 45.65 -1.33 0.00 |
| SENECA___ENERGY 23797 | 43.60 -0.83 0.00 | 43.69 -0.75 0.00 | 38.87 -0.77 -0.07 | 38.19 -0.69 0.00 | 39.65 -0.64 0.00 | 39.59 -0.60 0.00 | 45.03 -0.62 0.00 | 47.21 -0.75 0.00 | 47.68 -0.64 0.00 | 52.06 -0.59 0.00 | 54.18 -0.47 0.00 | 55.42 -0.71 0.00 | 52.79 -0.83 0.00 | 60.70 -0.70 0.00 | 56.07 -0.46 0.00 | 56.53 -0.46 0.00 | 215.40 -2.28 0.00 | 66.26 -0.65 0.00 | 60.88 -0.61 0.00 | 106.24 -1.15 -0.04 | 50.65 -0.87 -0.08 | 42.75 -0.71 -0.01 | 38.30 -0.66 0.00 | 46.24 -0.75 0.00 |
| SHOEMAKER___GT 23640 | 46.10 1.68 0.00 | 46.05 1.61 0.00 | 41.46 1.39 -0.51 | 40.21 1.32 0.00 | 41.64 1.35 0.00 | 41.54 1.34 0.00 | 47.28 1.63 0.00 | 49.74 1.78 0.00 | 49.98 1.66 0.00 | 54.45 1.80 0.00 | 56.45 1.80 0.00 | 58.05 1.92 0.00 | 55.56 1.94 0.00 | 63.61 2.22 0.00 | 58.55 2.02 0.00 | 59.10 2.12 0.00 | 226.91 9.23 0.00 | 69.79 2.88 0.00 | 64.13 2.64 0.00 | 112.00 4.34 -0.31 | 54.23 2.17 -0.63 | 45.30 1.78 -0.06 | 40.48 1.53 0.00 | 48.86 1.87 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 46.08 1.65 0.00 | 46.02 1.58 0.00 | 41.44 1.36 -0.50 | 40.17 1.29 0.00 | 41.60 1.31 0.00 | 41.50 1.31 0.00 | 47.23 1.58 0.00 | 49.69 1.74 0.00 | 49.94 1.62 0.00 | 54.41 1.76 0.00 | 56.41 1.76 0.00 | 58.01 1.88 0.00 | 55.54 1.92 0.00 | 63.57 2.17 0.00 | 58.51 1.98 0.00 | 59.05 2.07 0.00 | 226.70 9.02 0.00 | 69.73 2.82 0.00 | 64.07 2.58 0.00 | 111.89 4.23 -0.31 | 54.18 2.13 -0.62 | 45.26 1.74 -0.06 | 40.45 1.50 0.00 | 48.82 1.84 0.00 |
| SHOREHAM_IC_1 23715 | 48.00 3.57 0.00 | 47.66 3.22 0.00 | 42.90 2.77 -0.55 | 41.44 2.55 0.00 | 43.14 2.85 0.00 | 42.93 2.74 0.00 | 48.36 2.71 0.00 | 50.24 2.29 0.00 | 50.25 1.92 0.00 | 54.19 1.54 0.00 | 59.30 2.33 -2.33 | 58.33 2.20 0.00 | 55.93 2.31 0.00 | 64.30 2.91 0.00 | 59.17 2.64 0.00 | 58.60 1.62 0.00 | 231.86 10.81 -3.37 | 70.94 3.81 -0.21 | 66.17 4.09 -0.58 | 114.20 5.36 -1.49 | 54.30 2.18 -0.68 | 45.78 2.26 -0.06 | 41.05 2.10 0.00 | 49.92 2.94 0.00 |
| SHOREHAM_IC_2 23716 | 48.00 3.57 0.00 | 47.66 3.22 0.00 | 42.90 2.77 -0.55 | 41.44 2.55 0.00 | 43.14 2.85 0.00 | 42.93 2.73 0.00 | 48.37 2.71 0.00 | 50.24 2.29 0.00 | 50.25 1.93 0.00 | 54.19 1.54 0.00 | 59.29 2.31 -2.33 | 58.31 2.18 0.00 | 55.94 2.32 0.00 | 64.30 2.91 0.00 | 59.17 2.63 0.00 | 58.60 1.62 0.00 | 231.79 10.75 -3.37 | 70.94 3.81 -0.21 | 66.16 4.09 -0.58 | 114.20 5.36 -1.49 | 54.30 2.17 -0.68 | 45.78 2.26 -0.06 | 41.05 2.10 0.00 | 49.92 2.93 0.00 |
| SISSONVILLE____ 23735 | 43.56 -0.87 0.00 | 43.66 -0.78 0.00 | 38.88 -0.70 -0.01 | 38.06 -0.82 0.00 | 39.52 -0.77 0.00 | 40.14 -0.06 0.00 | 45.67 0.02 0.00 | 48.00 0.05 0.00 | 49.01 0.69 0.00 | 53.65 1.00 0.00 | 56.36 1.72 0.00 | 58.83 2.70 0.00 | 55.93 2.31 0.00 | 63.69 2.30 0.00 | 58.48 1.95 0.00 | 58.26 1.28 0.00 | 216.17 -1.50 0.00 | 67.12 0.21 0.00 | 61.70 0.21 0.00 | 107.79 0.43 -0.01 | 51.57 0.12 -0.01 | 43.46 0.00 0.00 | 39.37 0.42 0.00 | 47.42 0.44 0.00 |
| SITHE_IND_GS1 24169 | 42.77 -1.66 0.00 | 42.80 -1.64 0.00 | 38.12 -1.49 -0.04 | 37.46 -1.43 0.00 | 38.82 -1.47 0.00 | 38.74 -1.45 0.00 | 44.00 -1.65 0.00 | 46.18 -1.78 0.00 | 46.59 -1.73 0.00 | 50.78 -1.87 0.00 | 52.77 -1.88 0.00 | 54.12 -2.01 0.00 | 51.63 -1.99 0.00 | 59.15 -2.25 0.00 | 54.47 -2.07 0.00 | 54.86 -2.13 0.00 | 209.33 -8.34 0.00 | 64.36 -2.55 0.00 | 59.14 -2.36 0.00 | 103.26 -4.11 -0.02 | 49.42 -2.07 -0.05 | 41.76 -1.70 0.00 | 37.44 -1.51 0.00 | 45.15 -1.84 0.00 |
| SITHE_IND_GS2 24170 | 42.77 -1.66 0.00 | 42.80 -1.64 0.00 | 38.12 -1.49 -0.04 | 37.46 -1.43 0.00 | 38.82 -1.47 0.00 | 38.74 -1.45 0.00 | 44.00 -1.65 0.00 | 46.18 -1.78 0.00 | 46.59 -1.73 0.00 | 50.78 -1.87 0.00 | 52.77 -1.88 0.00 | 54.12 -2.01 0.00 | 51.63 -1.99 0.00 | 59.15 -2.25 0.00 | 54.47 -2.07 0.00 | 54.86 -2.13 0.00 | 209.33 -8.34 0.00 | 64.36 -2.55 0.00 | 59.14 -2.36 0.00 | 103.26 -4.11 -0.02 | 49.42 -2.07 -0.05 | 41.76 -1.70 0.00 | 37.44 -1.51 0.00 | 45.15 -1.84 0.00 |
| SITHE_IND_GS3 24171 | 42.77 -1.66 0.00 | 42.80 -1.64 0.00 | 38.12 -1.49 -0.04 | 37.46 -1.43 0.00 | 38.82 -1.47 0.00 | 38.74 -1.45 0.00 | 44.00 -1.65 0.00 | 46.18 -1.78 0.00 | 46.59 -1.73 0.00 | 50.78 -1.87 0.00 | 52.77 -1.88 0.00 | 54.12 -2.01 0.00 | 51.63 -1.99 0.00 | 59.15 -2.25 0.00 | 54.47 -2.07 0.00 | 54.86 -2.13 0.00 | 209.33 -8.34 0.00 | 64.36 -2.55 0.00 | 59.14 -2.36 0.00 | 103.26 -4.11 -0.02 | 49.42 -2.07 -0.05 | 41.76 -1.70 0.00 | 37.44 -1.51 0.00 | 45.15 -1.84 0.00 |
| SITHE_IND_GS4 24172 | 42.77 -1.66 0.00 | 42.80 -1.64 0.00 | 38.12 -1.49 -0.04 | 37.46 -1.43 0.00 | 38.82 -1.47 0.00 | 38.74 -1.45 0.00 | 44.00 -1.65 0.00 | 46.18 -1.78 0.00 | 46.59 -1.73 0.00 | 50.78 -1.87 0.00 | 52.77 -1.88 0.00 | 54.12 -2.01 0.00 | 51.63 -1.99 0.00 | 59.15 -2.25 0.00 | 54.47 -2.07 0.00 | 54.86 -2.13 0.00 | 209.33 -8.34 0.00 | 64.36 -2.55 0.00 | 59.14 -2.36 0.00 | 103.26 -4.11 -0.02 | 49.42 -2.07 -0.05 | 41.76 -1.70 0.00 | 37.44 -1.51 0.00 | 45.15 -1.84 0.00 |

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| SITHE___BATAVIA 24024 | 44.90 0.47 0.00 | 45.09 0.64 0.00 | 39.91 0.26 -0.08 | 39.35 0.47 0.00 | 40.91 0.62 0.00 | 40.67 0.48 0.00 | 45.88 0.22 0.00 | 47.73 -0.23 0.00 | 48.51 0.19 0.00 | 53.26 0.62 0.00 | 55.73 1.08 0.00 | 56.69 0.56 0.00 | 53.57 -0.05 0.00 | 61.62 0.22 0.00 | 56.42 -0.12 0.00 | 56.77 -0.22 0.00 | 214.72 -2.96 0.00 | 66.35 -0.56 0.00 | 60.93 -0.56 0.00 | 106.34 -1.05 -0.05 | 50.51 -1.03 -0.09 | 42.62 -0.85 -0.01 | 38.41 -0.54 0.00 | 46.53 -0.45 0.00 |
| SITHE___INDEPEND 23800 | 42.77 -1.66 0.00 | 42.80 -1.64 0.00 | 38.12 -1.49 -0.04 | 37.46 -1.43 0.00 | 38.82 -1.47 0.00 | 38.74 -1.45 0.00 | 44.00 -1.66 0.00 | 46.18 -1.78 0.00 | 46.59 -1.73 0.00 | 50.78 -1.87 0.00 | 52.77 -1.88 0.00 | 54.12 -2.01 0.00 | 51.64 -1.99 0.00 | 59.15 -2.25 0.00 | 54.47 -2.07 0.00 | 54.86 -2.12 0.00 | 209.41 -8.27 0.00 | 64.36 -2.55 0.00 | 59.14 -2.36 0.00 | 103.26 -4.11 -0.02 | 49.42 -2.06 -0.05 | 41.77 -1.70 0.00 | 37.44 -1.51 0.00 | 45.15 -1.84 0.00 |
| SITHE___MASSENA 23902 | 43.83 -0.59 0.00 | 43.89 -0.55 0.00 | 39.15 -0.43 0.00 | 38.31 -0.57 0.00 | 39.80 -0.49 0.00 | 40.60 0.40 0.00 | 46.44 0.78 0.00 | 48.65 0.69 0.00 | 49.51 1.19 0.00 | 54.16 1.51 0.00 | 56.71 2.06 0.00 | 59.26 3.13 0.00 | 56.25 2.63 0.00 | 64.12 2.72 0.00 | 58.82 2.28 0.00 | 58.87 1.89 0.00 | 219.50 1.82 0.00 | 68.24 1.33 0.00 | 62.82 1.33 0.00 | 109.83 2.49 0.00 | 52.46 1.03 0.00 | 44.06 0.60 0.00 | 39.81 0.86 0.00 | 47.74 0.76 0.00 |
| SITHE___OGDNSBRG 24021 | 44.32 -0.10 0.00 | 44.43 -0.02 0.00 | 39.61 0.03 -0.01 | 38.74 -0.14 0.00 | 40.25 -0.04 0.00 | 41.06 0.86 0.00 | 46.90 1.25 0.00 | 49.19 1.23 0.00 | 50.08 1.76 0.00 | 54.32 1.67 0.00 | 57.15 2.50 0.00 | 59.70 3.58 0.00 | 56.92 3.30 0.00 | 64.62 3.22 0.00 | 59.48 2.95 0.00 | 59.43 2.44 0.00 | 221.40 3.72 0.00 | 69.01 2.10 0.00 | 63.47 1.98 0.00 | 110.99 3.64 -0.01 | 53.00 1.55 -0.01 | 44.50 1.04 0.00 | 40.21 1.26 0.00 | 48.26 1.28 0.00 |
| SITHE___STERLING 23777 | 45.29 0.87 0.00 | 45.37 0.93 0.00 | 40.34 0.74 -0.03 | 39.65 0.76 0.00 | 41.19 0.90 0.00 | 41.25 1.05 0.00 | 46.98 1.33 0.00 | 49.40 1.45 0.00 | 49.86 1.53 0.00 | 54.23 1.59 0.00 | 56.35 1.70 0.00 | 57.79 1.67 0.00 | 55.06 1.44 0.00 | 63.20 1.80 0.00 | 58.28 1.75 0.00 | 58.74 1.75 0.00 | 224.22 6.54 0.00 | 68.67 1.76 0.00 | 63.05 1.55 0.00 | 110.03 2.66 -0.02 | 52.63 1.15 -0.04 | 44.39 0.93 0.00 | 39.73 0.78 0.00 | 47.85 0.87 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 43.84 -0.59 0.00 | 43.93 -0.51 0.00 | 39.00 -0.64 -0.06 | 38.37 -0.52 0.00 | 39.85 -0.43 0.00 | 39.76 -0.43 0.00 | 45.19 -0.47 0.00 | 47.29 -0.66 0.00 | 47.87 -0.45 0.00 | 52.32 -0.33 0.00 | 54.53 -0.11 0.00 | 55.68 -0.45 0.00 | 52.89 -0.73 0.00 | 60.83 -0.57 0.00 | 55.91 -0.63 0.00 | 56.30 -0.69 0.00 | 214.37 -3.31 0.00 | 65.94 -0.98 0.00 | 60.57 -0.92 0.00 | 105.73 -1.66 -0.04 | 50.33 -1.18 -0.08 | 42.49 -0.98 -0.01 | 38.10 -0.85 0.00 | 45.99 -0.99 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 47.65 3.23 0.00 | 47.33 2.89 0.00 | 42.61 2.48 -0.55 | 41.14 2.26 0.00 | 42.86 2.56 0.00 | 42.67 2.48 0.00 | 48.07 2.41 0.00 | 50.04 2.08 0.00 | 50.10 1.78 0.00 | 54.16 1.52 0.00 | 58.12 2.36 -1.11 | 58.70 2.57 0.00 | 56.59 2.96 0.00 | 64.57 3.18 0.00 | 59.36 2.83 0.00 | 59.38 2.39 0.00 | 229.21 9.93 -1.61 | 70.43 3.42 -0.10 | 65.63 3.86 -0.28 | 113.83 5.60 -0.88 | 54.79 2.67 -0.68 | 46.00 2.47 -0.06 | 41.34 2.39 0.00 | 50.00 3.01 0.00 |
| SOUTH CAIRO___GT 23612 | 47.28 2.85 0.00 | 47.26 2.82 0.00 | 42.78 2.57 -0.64 | 41.41 2.52 0.00 | 42.87 2.58 0.00 | 42.78 2.58 0.00 | 48.69 3.03 0.00 | 51.34 3.39 0.00 | 51.62 3.29 0.00 | 56.13 3.48 0.00 | 58.01 3.36 0.00 | 59.58 3.45 0.00 | 56.90 3.28 0.00 | 65.29 3.89 0.00 | 60.32 3.79 0.00 | 60.84 3.85 0.00 | 230.95 13.28 0.00 | 71.77 4.86 0.00 | 65.92 4.43 0.00 | 115.28 7.54 -0.40 | 55.81 3.58 -0.79 | 46.45 2.92 -0.07 | 41.47 2.52 0.00 | 49.86 2.87 0.00 |
| SOUTH HAMPTN___IC 23720 | 48.72 4.30 0.00 | 48.37 3.93 0.00 | 43.50 3.37 -0.55 | 42.00 3.11 0.00 | 43.71 3.42 0.00 | 43.46 3.26 0.00 | 48.92 3.26 0.00 | 50.71 2.75 0.00 | 50.59 2.26 0.00 | 54.43 1.78 0.00 | 59.55 2.45 -2.46 | 58.53 2.40 0.00 | 56.24 2.62 0.00 | 64.73 3.34 0.00 | 59.63 3.09 0.00 | 59.05 2.06 0.00 | 233.41 12.18 -3.56 | 71.55 4.42 -0.22 | 66.76 4.65 -0.62 | 115.40 6.50 -1.56 | 54.65 2.53 -0.68 | 45.88 2.36 -0.06 | 40.97 2.02 0.00 | 49.72 2.73 0.00 |
| SOUTHDOWN_115KV_TB1 355954 | 43.72 -0.71 0.00 | 44.08 -0.36 0.00 | 38.91 -0.77 -0.10 | 38.26 -0.62 0.00 | 39.79 -0.50 0.00 | 39.84 -0.35 0.00 | 45.31 -0.35 0.00 | 46.89 -1.06 0.00 | 47.91 -0.42 0.00 | 52.69 0.04 0.00 | 55.12 0.47 0.00 | 56.38 0.25 0.00 | 52.99 -0.62 0.00 | 60.77 -0.62 0.00 | 55.70 -0.83 0.00 | 56.13 -0.85 0.00 | 211.69 -5.98 0.00 | 64.98 -1.94 0.00 | 59.88 -1.61 0.00 | 105.08 -2.33 -0.06 | 49.92 -1.64 -0.13 | 42.27 -1.20 -0.01 | 37.97 -0.98 0.00 | 46.32 -0.66 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 49.27 4.84 0.00 | 48.91 4.47 0.00 | 43.95 3.83 -0.55 | 42.40 3.52 0.00 | 44.10 3.81 0.00 | 43.76 3.57 0.00 | 49.22 3.56 0.00 | 50.89 2.94 0.00 | 50.64 2.32 0.00 | 54.36 1.72 0.00 | 59.25 2.14 -2.46 | 58.27 2.14 0.00 | 56.09 2.47 0.00 | 64.74 3.35 0.00 | 59.67 3.14 0.00 | 58.95 1.97 0.00 | 233.44 12.20 -3.56 | 71.77 4.63 -0.22 | 66.97 4.87 -0.62 | 115.86 6.96 -1.56 | 54.59 2.46 -0.68 | 45.64 2.12 -0.06 | 40.57 1.62 0.00 | 49.14 2.16 0.00 |
| SOUTHOLD___IC 23719 | 49.27 4.84 0.00 | 48.91 4.47 0.00 | 43.95 3.83 -0.55 | 42.40 3.52 0.00 | 44.11 3.83 0.00 | 43.77 3.58 0.00 | 49.22 3.56 0.00 | 50.89 2.93 0.00 | 50.64 2.32 0.00 | 54.36 1.71 0.00 | 59.27 2.16 -2.46 | 58.29 2.16 0.00 | 56.09 2.47 0.00 | 64.74 3.34 0.00 | 59.67 3.14 0.00 | 58.95 1.96 0.00 | 233.50 12.27 -3.56 | 71.77 4.64 -0.22 | 66.98 4.87 -0.62 | 115.86 6.96 -1.56 | 54.58 2.46 -0.68 | 45.64 2.12 -0.06 | 40.57 1.62 0.00 | 49.14 2.16 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 49.45 5.02 0.00 | 49.09 4.65 0.00 | 44.08 3.95 -0.55 | 42.50 3.61 0.00 | 44.16 3.87 0.00 | 43.75 3.55 0.00 | 49.09 3.43 0.00 | 50.63 2.68 0.00 | 50.26 1.94 0.00 | 53.83 1.18 0.00 | 58.56 1.46 -2.46 | 57.60 1.47 0.00 | 55.49 1.87 0.00 | 64.18 2.78 0.00 | 59.22 2.68 0.00 | 58.34 1.36 0.00 | 231.57 10.33 -3.56 | 71.36 4.23 -0.22 | 66.59 4.48 -0.62 | 115.27 6.37 -1.56 | 54.07 1.95 -0.68 | 45.08 1.56 -0.06 | 39.92 0.96 0.00 | 48.33 1.34 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 47.90 3.48 0.00 | 47.86 3.42 0.00 | 43.29 3.01 -0.70 | 41.83 2.94 0.00 | 43.06 2.77 0.00 | 42.52 2.32 0.00 | 48.34 2.68 0.00 | 50.74 2.78 0.00 | 50.97 2.65 0.00 | 55.30 2.65 0.00 | 57.20 2.55 0.00 | 58.68 2.55 0.00 | 55.96 2.34 0.00 | 64.01 2.62 0.00 | 59.36 2.83 0.00 | 59.96 2.97 0.00 | 229.62 11.95 0.00 | 70.63 3.72 0.00 | 65.02 3.52 0.00 | 113.75 5.97 -0.43 | 55.29 2.98 -0.87 | 45.90 2.36 -0.08 | 40.99 2.05 0.00 | 49.42 2.43 -0.01 |
| ST LAWRENCE____ 23600 | 43.22 -1.21 0.00 | 43.28 -1.17 0.00 | 38.60 -0.97 0.00 | 37.78 -1.10 0.00 | 39.24 -1.05 0.00 | 40.07 -0.12 0.00 | 45.87 0.22 0.00 | 48.05 0.10 0.00 | 48.87 0.55 0.00 | 53.48 0.83 0.00 | 55.96 1.31 0.00 | 58.47 2.34 0.00 | 55.47 1.85 0.00 | 63.25 1.85 0.00 | 58.01 1.47 0.00 | 58.12 1.14 0.00 | 216.87 -0.80 0.00 | 67.44 0.53 0.00 | 62.11 0.61 0.00 | 108.62 1.27 0.00 | 51.87 0.43 0.00 | 43.55 0.09 0.00 | 39.31 0.36 0.00 | 47.13 0.15 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 45.90 1.47 0.00 | 45.88 1.44 0.00 | 41.60 1.36 -0.67 | 40.20 1.31 0.00 | 41.61 1.32 0.00 | 41.46 1.26 0.00 | 46.97 1.32 0.00 | 49.47 1.51 0.00 | 49.71 1.39 0.00 | 54.04 1.39 0.00 | 55.96 1.31 0.00 | 57.46 1.33 0.00 | 55.03 1.41 0.00 | 62.99 1.60 0.00 | 58.12 1.58 0.00 | 58.65 1.66 0.00 | 224.18 6.50 0.00 | 69.00 2.08 0.00 | 63.39 1.90 0.00 | 111.02 3.26 -0.42 | 53.93 1.66 -0.83 | 44.97 1.43 -0.08 | 40.22 1.27 0.00 | 48.46 1.48 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 44.24 -0.18 0.00 | 44.31 -0.13 0.00 | 39.42 -0.22 -0.07 | 38.73 -0.16 0.00 | 40.23 -0.06 0.00 | 40.13 -0.06 0.00 | 45.71 0.06 0.00 | 47.96 0.01 0.00 | 48.40 0.08 0.00 | 52.74 0.09 0.00 | 54.82 0.17 0.00 | 56.10 -0.03 0.00 | 53.40 -0.22 0.00 | 61.42 0.02 0.00 | 56.56 0.03 0.00 | 56.96 -0.02 0.00 | 217.46 -0.22 0.00 | 66.61 -0.31 0.00 | 61.36 -0.13 0.00 | 107.20 -0.19 -0.04 | 51.06 -0.47 -0.09 | 43.23 -0.24 -0.01 | 38.63 -0.32 0.00 | 46.69 -0.29 0.00 |
| STATION_5_MISC_HYD 23604 | 44.27 -0.16 0.00 | 44.39 -0.06 0.00 | 39.36 -0.28 -0.07 | 38.75 -0.14 0.00 | 40.26 -0.03 0.00 | 40.13 -0.07 0.00 | 45.43 -0.23 0.00 | 47.42 -0.54 0.00 | 48.09 -0.23 0.00 | 52.70 0.05 0.00 | 55.05 0.41 0.00 | 56.15 0.03 0.00 | 53.23 -0.39 0.00 | 61.18 -0.21 0.00 | 56.10 -0.44 0.00 | 56.45 -0.54 0.00 | 214.16 -3.51 0.00 | 66.06 -0.85 0.00 | 60.68 -0.81 0.00 | 105.91 -1.48 -0.04 | 50.41 -1.11 -0.08 | 42.53 -0.93 -0.01 | 38.24 -0.71 0.00 | 46.19 -0.79 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 44.03 -0.40 0.00 | 44.11 -0.33 0.00 | 39.17 -0.46 -0.06 | 38.53 -0.36 0.00 | 40.02 -0.27 0.00 | 39.94 -0.26 0.00 | 45.33 -0.33 0.00 | 47.43 -0.53 0.00 | 48.01 -0.31 0.00 | 52.52 -0.13 0.00 | 54.74 0.09 0.00 | 55.89 -0.24 0.00 | 53.10 -0.52 0.00 | 61.02 -0.38 0.00 | 56.07 -0.46 0.00 | 56.47 -0.52 0.00 | 215.02 -2.66 0.00 | 66.14 -0.77 0.00 | 60.76 -0.73 0.00 | 106.06 -1.32 -0.04 | 50.53 -0.98 -0.08 | 42.63 -0.84 -0.01 | 38.26 -0.69 0.00 | 46.19 -0.79 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 43.94 -0.49 0.00 | 44.05 -0.39 0.00 | 39.08 -0.55 -0.06 | 38.46 -0.42 0.00 | 39.95 -0.34 0.00 | 39.84 -0.35 0.00 | 45.11 -0.54 0.00 | 47.10 -0.85 0.00 | 47.76 -0.57 0.00 | 52.33 -0.32 0.00 | 54.64 -0.01 0.00 | 55.77 -0.36 0.00 | 52.88 -0.74 0.00 | 60.77 -0.62 0.00 | 55.76 -0.78 0.00 | 56.11 -0.88 0.00 | 213.31 -4.36 0.00 | 65.67 -1.25 0.00 | 60.31 -1.18 0.00 | 105.27 -2.12 -0.04 | 50.11 -1.41 -0.08 | 42.29 -1.18 -0.01 | 38.01 -0.94 0.00 | 45.92 -1.07 0.00 |
| STA_56___34_KV_BUS2 355983 | 43.94 -0.49 0.00 | 44.05 -0.39 0.00 | 39.08 -0.55 -0.06 | 38.46 -0.42 0.00 | 39.95 -0.34 0.00 | 39.84 -0.35 0.00 | 45.11 -0.54 0.00 | 47.10 -0.85 0.00 | 47.76 -0.57 0.00 | 52.33 -0.32 0.00 | 54.64 -0.01 0.00 | 55.77 -0.36 0.00 | 52.88 -0.74 0.00 | 60.77 -0.62 0.00 | 55.76 -0.78 0.00 | 56.11 -0.88 0.00 | 213.31 -4.36 0.00 | 65.67 -1.25 0.00 | 60.31 -1.18 0.00 | 105.27 -2.12 -0.04 | 50.11 -1.41 -0.08 | 42.29 -1.18 -0.01 | 38.01 -0.94 0.00 | 45.92 -1.07 0.00 |
| STA_67___115KV_BK2 355882 | 44.18 -0.24 0.00 | 44.31 -0.14 0.00 | 39.30 -0.34 -0.07 | 38.68 -0.21 0.00 | 40.19 -0.10 0.00 | 40.06 -0.14 0.00 | 45.33 -0.32 0.00 | 47.31 -0.65 0.00 | 47.98 -0.34 0.00 | 52.59 -0.06 0.00 | 54.93 0.28 0.00 | 56.03 -0.10 0.00 | 53.11 -0.51 0.00 | 61.04 -0.35 0.00 | 55.98 -0.56 0.00 | 56.31 -0.67 0.00 | 213.99 -3.68 0.00 | 65.91 -1.01 0.00 | 60.54 -0.95 0.00 | 105.68 -1.70 -0.04 | 50.30 -1.22 -0.08 | 42.45 -1.02 -0.01 | 38.17 -0.78 0.00 | 46.12 -0.86 0.00 |
| STA_7___115KV_9TRANS 80674 | 44.44 0.01 0.00 | 44.54 0.10 0.00 | 39.49 -0.15 -0.07 | 38.87 -0.01 0.00 | 40.39 0.10 0.00 | 40.27 0.07 0.00 | 45.61 -0.04 0.00 | 47.62 -0.34 0.00 | 48.31 -0.02 0.00 | 52.95 0.30 0.00 | 55.30 0.65 0.00 | 56.39 0.26 0.00 | 53.47 -0.15 0.00 | 61.47 0.08 0.00 | 56.37 -0.16 0.00 | 56.73 -0.26 0.00 | 215.62 -2.05 0.00 | 66.41 -0.50 0.00 | 61.00 -0.49 0.00 | 106.45 -0.93 -0.04 | 50.67 -0.85 -0.08 | 42.74 -0.73 -0.01 | 38.41 -0.54 0.00 | 46.41 -0.58 0.00 |
| STA_82___115KV_TB1 80780 | 44.15 -0.28 0.00 | 44.27 -0.17 0.00 | 39.27 -0.37 -0.07 | 38.66 -0.23 0.00 | 40.15 -0.14 0.00 | 40.03 -0.17 0.00 | 45.30 -0.36 0.00 | 47.27 -0.68 0.00 | 47.94 -0.38 0.00 | 52.54 -0.11 0.00 | 54.88 0.23 0.00 | 55.98 -0.15 0.00 | 53.07 -0.55 0.00 | 60.98 -0.42 0.00 | 55.93 -0.61 0.00 | 56.27 -0.72 0.00 | 213.78 -3.90 0.00 | 65.85 -1.07 0.00 | 60.48 -1.01 0.00 | 105.57 -1.81 -0.04 | 50.26 -1.27 -0.08 | 42.41 -1.06 -0.01 | 38.14 -0.81 0.00 | 46.09 -0.89 0.00 |
| STEEL___WIND 323596 | 43.91 -0.51 0.00 | 44.21 -0.23 0.00 | 39.09 -0.57 -0.09 | 38.56 -0.33 0.00 | 40.06 -0.23 0.00 | 39.90 -0.30 0.00 | 44.94 -0.72 0.00 | 46.49 -1.47 0.00 | 47.36 -0.96 0.00 | 52.15 -0.50 0.00 | 54.73 0.09 0.00 | 55.62 -0.51 0.00 | 52.35 -1.27 0.00 | 60.21 -1.18 0.00 | 55.02 -1.51 0.00 | 55.26 -1.72 0.00 | 208.65 -9.03 0.00 | 64.38 -2.53 0.00 | 59.14 -2.36 0.00 | 103.32 -4.08 -0.06 | 49.10 -2.46 -0.12 | 41.58 -1.89 -0.01 | 37.52 -1.43 0.00 | 45.59 -1.39 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 46.07 1.65 0.00 | 46.07 1.63 0.00 | 41.80 1.55 -0.67 | 40.29 1.40 0.00 | 41.72 1.43 0.00 | 41.62 1.42 0.00 | 47.21 1.55 0.00 | 49.77 1.81 0.00 | 50.08 1.76 0.00 | 54.39 1.74 0.00 | 56.29 1.65 0.00 | 57.85 1.72 0.00 | 55.22 1.60 0.00 | 63.42 2.02 0.00 | 58.46 1.93 0.00 | 58.98 1.99 0.00 | 225.47 7.80 0.00 | 69.40 2.49 0.00 | 63.86 2.37 0.00 | 111.92 4.16 -0.42 | 54.34 2.08 -0.83 | 45.24 1.71 -0.08 | 40.44 1.49 0.00 | 48.74 1.76 0.00 |
| STEUBEN_REC_LFGE 323667 | 42.42 -2.01 0.00 | 42.71 -1.74 0.00 | 37.86 -1.84 -0.13 | 37.32 -1.56 0.00 | 39.25 -1.04 0.00 | 39.48 -0.71 0.00 | 44.63 -1.02 0.00 | 46.27 -1.69 0.00 | 47.55 -0.77 0.00 | 52.26 -0.39 0.00 | 53.88 -0.77 0.00 | 55.34 -0.79 0.00 | 52.73 -0.89 0.00 | 60.75 -0.65 0.00 | 54.78 -1.75 0.00 | 54.92 -2.07 0.00 | 208.96 -8.72 0.00 | 63.88 -3.03 0.00 | 58.39 -3.10 0.00 | 102.32 -5.11 -0.08 | 48.80 -2.80 -0.16 | 41.20 -2.27 -0.02 | 37.03 -1.92 0.00 | 44.98 -2.00 0.00 |
| STILLWATER___SOLAR 323814 | 47.11 2.69 0.00 | 47.09 2.65 0.00 | 42.64 2.36 -0.70 | 41.18 2.29 0.00 | 42.57 2.28 0.00 | 42.33 2.13 0.00 | 48.07 2.41 0.00 | 50.50 2.55 0.00 | 50.76 2.44 0.00 | 55.12 2.48 0.00 | 57.05 2.40 0.00 | 58.55 2.42 0.00 | 55.92 2.30 0.00 | 63.99 2.60 0.00 | 59.21 2.68 0.00 | 59.84 2.85 0.00 | 229.08 11.40 0.00 | 70.46 3.55 0.00 | 64.81 3.32 0.00 | 113.48 5.70 -0.43 | 55.07 2.77 -0.86 | 45.80 2.26 -0.08 | 40.92 1.98 0.00 | 49.35 2.37 -0.01 |
| STONY___BROOK 24151 | 47.58 3.16 0.00 | 47.24 2.80 0.00 | 42.55 2.42 -0.55 | 41.09 2.20 0.00 | 42.79 2.50 0.00 | 42.57 2.38 0.00 | 47.94 2.29 0.00 | 49.87 1.92 0.00 | 49.95 1.62 0.00 | 53.97 1.32 0.00 | 58.64 2.21 -1.78 | 58.56 2.43 0.00 | 56.41 2.80 0.00 | 64.41 3.01 0.00 | 59.23 2.69 0.00 | 59.20 2.21 0.00 | 229.49 9.23 -2.58 | 70.18 3.10 -0.16 | 65.63 3.70 -0.45 | 113.85 5.28 -1.22 | 54.63 2.51 -0.68 | 45.86 2.34 -0.06 | 41.24 2.29 0.00 | 49.89 2.90 0.00 |
| STURGEON_POOL_HYD 23609 | 46.30 1.88 0.00 | 46.23 1.79 0.00 | 41.69 1.55 -0.57 | 40.37 1.48 0.00 | 41.81 1.52 0.00 | 41.71 1.51 0.00 | 47.49 1.83 0.00 | 50.00 2.05 0.00 | 50.26 1.94 0.00 | 54.76 2.11 0.00 | 56.78 2.13 0.00 | 58.43 2.31 0.00 | 55.95 2.33 0.00 | 63.99 2.60 0.00 | 58.90 2.37 0.00 | 59.45 2.46 0.00 | 228.29 10.62 0.00 | 70.24 3.33 0.00 | 64.56 3.07 0.00 | 112.73 5.04 -0.35 | 54.68 2.54 -0.70 | 45.58 2.06 -0.06 | 40.71 1.76 0.00 | 49.10 2.12 0.00 |

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|--|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| ST_LAW_115_BK7_LBMP 345037 | 43.22 -1.21 0.00 | 43.28 -1.16 0.00 | 38.60 -0.97 0.00 | 37.78 -1.11 0.00 | 39.24 -1.05 0.00 | 40.08 -0.12 0.00 | 45.87 0.22 0.00 | 48.05 0.10 0.00 | 48.87 0.55 0.00 | 53.49 0.84 0.00 | 55.98 1.33 0.00 | 58.51 2.38 0.00 | 55.52 1.90 0.00 | 63.28 1.88 0.00 | 58.04 1.50 0.00 | 58.14 1.16 0.00 | 216.86 -0.82 0.00 | 67.45 0.54 0.00 | 62.11 0.61 0.00 | 108.62 1.27 0.00 | 51.87 0.43 0.00 | 43.55 0.09 0.00 | 39.32 0.37 0.00 | 47.14 0.15 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 43.22 -1.21 0.00 | 43.28 -1.16 0.00 | 38.60 -0.97 0.00 | 37.78 -1.11 0.00 | 39.24 -1.05 0.00 | 40.08 -0.12 0.00 | 45.87 0.22 0.00 | 48.05 0.10 0.00 | 48.87 0.55 0.00 | 53.49 0.84 0.00 | 55.98 1.33 0.00 | 58.51 2.38 0.00 | 55.52 1.90 0.00 | 63.28 1.88 0.00 | 58.04 1.50 0.00 | 58.14 1.16 0.00 | 216.86 -0.82 0.00 | 67.45 0.54 0.00 | 62.11 0.61 0.00 | 108.62 1.27 0.00 | 51.87 0.43 0.00 | 43.55 0.09 0.00 | 39.32 0.37 0.00 | 47.14 0.15 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 43.22 -1.21 0.00 | 43.28 -1.17 0.00 | 38.60 -0.97 0.00 | 37.78 -1.10 0.00 | 39.24 -1.05 0.00 | 40.07 -0.12 0.00 | 45.87 0.22 0.00 | 48.05 0.10 0.00 | 48.87 0.55 0.00 | 53.48 0.83 0.00 | 55.96 1.31 0.00 | 58.47 2.34 0.00 | 55.47 1.85 0.00 | 63.25 1.85 0.00 | 58.01 1.47 0.00 | 58.12 1.14 0.00 | 216.87 -0.80 0.00 | 67.44 0.53 0.00 | 62.11 0.61 0.00 | 108.62 1.27 0.00 | 51.87 0.43 0.00 | 43.55 0.09 0.00 | 39.31 0.36 0.00 | 47.13 0.15 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 43.22 -1.21 0.00 | 43.28 -1.17 0.00 | 38.60 -0.97 0.00 | 37.78 -1.10 0.00 | 39.24 -1.05 0.00 | 40.07 -0.12 0.00 | 45.87 0.22 0.00 | 48.05 0.10 0.00 | 48.87 0.55 0.00 | 53.48 0.83 0.00 | 55.96 1.31 0.00 | 58.47 2.34 0.00 | 55.47 1.85 0.00 | 63.25 1.85 0.00 | 58.01 1.47 0.00 | 58.12 1.14 0.00 | 216.87 -0.80 0.00 | 67.44 0.53 0.00 | 62.11 0.61 0.00 | 108.62 1.27 0.00 | 51.87 0.43 0.00 | 43.55 0.09 0.00 | 39.31 0.36 0.00 | 47.13 0.15 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 46.18 1.75 0.00 | 46.12 1.67 0.00 | 41.52 1.43 -0.52 | 40.22 1.34 0.00 | 41.67 1.38 0.00 | 41.56 1.36 0.00 | 47.31 1.66 0.00 | 49.78 1.83 0.00 | 50.01 1.68 0.00 | 54.51 1.86 0.00 | 56.52 1.87 0.00 | 58.12 1.99 0.00 | 55.67 2.04 0.00 | 63.69 2.30 0.00 | 58.61 2.08 0.00 | 59.16 2.18 0.00 | 227.33 9.66 0.00 | 69.97 3.05 0.00 | 64.25 2.76 0.00 | 112.14 4.48 -0.32 | 54.35 2.27 -0.64 | 45.38 1.87 -0.06 | 40.56 1.61 0.00 | 48.97 1.99 0.00 |
| SWANROAD_115KV_TB1 355699 | 43.31 -1.12 0.00 | 43.57 -0.87 0.00 | 38.55 -1.11 -0.08 | 38.04 -0.84 0.00 | 39.53 -0.76 0.00 | 39.06 -1.14 0.00 | 43.71 -1.95 0.00 | 45.24 -2.72 0.00 | 45.99 -2.33 0.00 | 50.76 -1.89 0.00 | 53.31 -1.34 0.00 | 54.09 -2.04 0.00 | 50.88 -2.74 0.00 | 58.46 -2.93 0.00 | 53.45 -3.09 0.00 | 53.71 -3.28 0.00 | 203.13 -14.54 0.00 | 62.63 -4.28 0.00 | 57.54 -3.96 0.00 | 100.52 -6.87 -0.05 | 47.76 -3.78 -0.10 | 40.47 -3.00 -0.01 | 36.66 -2.29 0.00 | 44.58 -2.41 0.00 |
| SYNERGY___BIOGAS 323694 | 44.90 0.47 0.00 | 45.09 0.64 0.00 | 39.91 0.26 -0.08 | 39.35 0.47 0.00 | 40.91 0.62 0.00 | 40.67 0.47 0.00 | 45.87 0.22 0.00 | 47.72 -0.23 0.00 | 48.51 0.19 0.00 | 53.25 0.61 0.00 | 55.73 1.09 0.00 | 56.68 0.55 0.00 | 53.57 -0.05 0.00 | 61.61 0.22 0.00 | 56.42 -0.11 0.00 | 56.77 -0.22 0.00 | 215.24 -2.43 0.00 | 66.35 -0.56 0.00 | 60.94 -0.56 0.00 | 106.34 -1.05 -0.05 | 50.50 -1.03 -0.09 | 42.62 -0.85 -0.01 | 38.43 -0.53 0.00 | 46.55 -0.43 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 43.79 -0.64 0.00 | 43.83 -0.62 0.00 | 39.03 -0.60 -0.06 | 38.33 -0.55 0.00 | 39.76 -0.53 0.00 | 39.70 -0.49 0.00 | 45.17 -0.49 0.00 | 47.44 -0.51 0.00 | 47.86 -0.46 0.00 | 52.14 -0.51 0.00 | 54.20 -0.45 0.00 | 55.49 -0.64 0.00 | 52.96 -0.66 0.00 | 60.75 -0.64 0.00 | 55.93 -0.60 0.00 | 56.32 -0.66 0.00 | 215.07 -2.60 0.00 | 66.07 -0.84 0.00 | 60.73 -0.77 0.00 | 106.04 -1.34 -0.04 | 50.69 -0.82 -0.07 | 42.81 -0.65 -0.01 | 38.34 -0.61 0.00 | 46.25 -0.74 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 43.79 -0.64 0.00 | 43.83 -0.62 0.00 | 39.03 -0.60 -0.06 | 38.33 -0.55 0.00 | 39.76 -0.53 0.00 | 39.70 -0.49 0.00 | 45.17 -0.49 0.00 | 47.44 -0.51 0.00 | 47.86 -0.46 0.00 | 52.14 -0.51 0.00 | 54.20 -0.45 0.00 | 55.49 -0.64 0.00 | 52.96 -0.66 0.00 | 60.75 -0.64 0.00 | 55.93 -0.60 0.00 | 56.32 -0.66 0.00 | 215.07 -2.60 0.00 | 66.07 -0.84 0.00 | 60.73 -0.77 0.00 | 106.04 -1.34 -0.04 | 50.69 -0.82 -0.07 | 42.81 -0.65 -0.01 | 38.34 -0.61 0.00 | 46.25 -0.74 0.00 |
| SYRACUSE___POWER 24017 | 43.76 -0.67 0.00 | 43.78 -0.66 0.00 | 39.00 -0.64 -0.06 | 38.30 -0.59 0.00 | 39.72 -0.57 0.00 | 39.66 -0.54 0.00 | 45.13 -0.52 0.00 | 47.39 -0.56 0.00 | 47.82 -0.51 0.00 | 52.10 -0.54 0.00 | 54.16 -0.49 0.00 | 55.45 -0.68 0.00 | 52.91 -0.71 0.00 | 60.71 -0.69 0.00 | 55.87 -0.66 0.00 | 56.28 -0.70 0.00 | 214.94 -2.74 0.00 | 66.05 -0.86 0.00 | 60.70 -0.80 0.00 | 105.94 -1.44 -0.04 | 50.68 -0.84 -0.08 | 42.78 -0.69 -0.01 | 38.33 -0.62 0.00 | 46.22 -0.76 0.00 |
| TALLMAN_138KV_BK151 55660 | 46.27 1.84 0.00 | 46.19 1.74 0.00 | 41.58 1.48 -0.53 | 40.26 1.37 0.00 | 41.68 1.39 0.00 | 41.58 1.38 0.00 | 47.33 1.68 0.00 | 49.82 1.86 0.00 | 50.00 1.68 0.00 | 54.51 1.86 0.00 | 56.54 1.89 0.00 | 58.17 2.04 0.00 | 55.73 2.11 0.00 | 63.75 2.36 0.00 | 58.65 2.12 0.00 | 59.19 2.21 0.00 | 227.90 10.23 0.00 | 70.16 3.25 0.00 | 64.40 2.91 0.00 | 112.27 4.60 -0.33 | 54.44 2.35 -0.66 | 45.45 1.93 -0.06 | 40.63 1.68 0.00 | 49.10 2.12 0.00 |
| TEALLAVE_115KV_TB7 355573 | 43.56 -0.86 0.00 | 43.60 -0.84 0.00 | 38.82 -0.80 -0.05 | 38.14 -0.75 0.00 | 39.55 -0.74 0.00 | 39.49 -0.70 0.00 | 44.90 -0.76 0.00 | 47.14 -0.81 0.00 | 47.57 -0.75 0.00 | 51.86 -0.79 0.00 | 53.91 -0.74 0.00 | 55.22 -0.91 0.00 | 52.69 -0.93 0.00 | 60.42 -0.98 0.00 | 55.60 -0.94 0.00 | 56.00 -0.98 0.00 | 213.85 -3.82 0.00 | 65.70 -1.21 0.00 | 60.35 -1.14 0.00 | 105.37 -2.01 -0.03 | 50.40 -1.10 -0.06 | 42.55 -0.91 -0.01 | 38.17 -0.78 0.00 | 46.03 -0.96 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 44.11 -0.32 0.00 | 44.34 -0.10 0.00 | 39.23 -0.42 -0.08 | 38.69 -0.20 0.00 | 40.22 -0.07 0.00 | 39.88 -0.31 0.00 | 44.82 -0.83 0.00 | 46.51 -1.45 0.00 | 47.29 -1.03 0.00 | 52.05 -0.60 0.00 | 54.58 -0.06 0.00 | 55.45 -0.68 0.00 | 52.26 -1.36 0.00 | 60.08 -1.31 0.00 | 54.94 -1.59 0.00 | 55.23 -1.75 0.00 | 209.16 -8.52 0.00 | 64.46 -2.45 0.00 | 59.22 -2.27 0.00 | 103.44 -3.95 -0.05 | 49.13 -2.41 -0.10 | 41.56 -1.91 -0.01 | 37.56 -1.39 0.00 | 45.58 -1.40 0.00 |
| TEMPLE___115KV_TB 2 55572 | 43.56 -0.86 0.00 | 43.60 -0.84 0.00 | 38.83 -0.80 -0.05 | 38.14 -0.75 0.00 | 39.55 -0.74 0.00 | 39.49 -0.70 0.00 | 44.90 -0.75 0.00 | 47.15 -0.80 0.00 | 47.57 -0.75 0.00 | 51.86 -0.79 0.00 | 53.91 -0.74 0.00 | 55.22 -0.91 0.00 | 52.70 -0.93 0.00 | 60.42 -0.98 0.00 | 55.61 -0.92 0.00 | 56.00 -0.98 0.00 | 213.86 -3.82 0.00 | 65.71 -1.20 0.00 | 60.37 -1.13 0.00 | 105.37 -2.01 -0.03 | 50.40 -1.10 -0.06 | 42.56 -0.91 -0.01 | 38.17 -0.78 0.00 | 46.03 -0.96 0.00 |
| TIANA____69_KV_BK 1 55817 | 48.53 4.10 0.00 | 48.18 3.74 0.00 | 43.35 3.22 -0.55 | 41.84 2.96 0.00 | 43.56 3.27 0.00 | 43.33 3.13 0.00 | 48.80 3.15 0.00 | 50.63 2.68 0.00 | 50.55 2.23 0.00 | 54.44 1.79 0.00 | 59.59 2.48 -2.46 | 58.55 2.42 0.00 | 56.26 2.64 0.00 | 64.70 3.31 0.00 | 59.60 3.06 0.00 | 59.05 2.06 0.00 | 233.29 12.06 -3.56 | 71.46 4.32 -0.22 | 66.68 4.57 -0.62 | 115.23 6.33 -1.56 | 54.66 2.54 -0.68 | 45.95 2.43 -0.06 | 41.09 2.14 0.00 | 49.85 2.87 0.00 |

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| TILDEN___115KV_TB1 80814 | 43.76 -0.67 0.00 | 43.78 -0.66 0.00 | 39.00 -0.64 -0.06 | 38.30 -0.59 0.00 | 39.72 -0.57 0.00 | 39.66 -0.54 0.00 | 45.13 -0.52 0.00 | 47.39 -0.56 0.00 | 47.82 -0.51 0.00 | 52.10 -0.54 0.00 | 54.16 -0.49 0.00 | 55.45 -0.68 0.00 | 52.91 -0.71 0.00 | 60.71 -0.69 0.00 | 55.87 -0.66 0.00 | 56.28 -0.70 0.00 | 214.94 -2.74 0.00 | 66.05 -0.86 0.00 | 60.70 -0.80 0.00 | 105.94 -1.44 -0.04 | 50.68 -0.84 -0.08 | 42.78 -0.69 -0.01 | 38.33 -0.62 0.00 | 46.22 -0.76 0.00 |
| TRIGEN___CC 323695 | 47.06 2.63 0.00 | 46.82 2.38 0.00 | 42.17 2.05 -0.55 | 40.76 1.87 0.00 | 42.39 2.10 0.00 | 42.31 2.12 0.00 | 47.84 2.19 0.00 | 50.10 2.14 0.00 | 50.33 2.01 0.00 | 54.63 1.98 0.00 | 57.25 2.61 0.00 | 58.86 2.73 0.00 | 56.54 2.92 0.00 | 64.44 3.04 0.00 | 59.25 2.72 0.00 | 59.60 2.61 0.00 | 228.03 10.36 0.00 | 70.57 3.66 0.00 | 65.09 3.60 0.00 | 113.15 5.46 -0.34 | 54.92 2.80 -0.68 | 45.97 2.45 -0.06 | 41.21 2.26 0.00 | 49.72 2.74 0.00 |
| TRINITY___115KV___4 BK 55933 | 45.71 1.28 0.00 | 45.70 1.25 0.00 | 41.44 1.19 -0.67 | 40.04 1.15 0.00 | 41.43 1.15 0.00 | 41.26 1.07 0.00 | 46.73 1.07 0.00 | 49.20 1.24 0.00 | 49.45 1.13 0.00 | 53.75 1.10 0.00 | 55.65 1.00 0.00 | 57.15 1.02 0.00 | 54.73 1.11 0.00 | 62.62 1.23 0.00 | 57.79 1.25 0.00 | 58.32 1.34 0.00 | 222.95 5.27 0.00 | 68.59 1.68 0.00 | 63.04 1.55 0.00 | 110.38 2.62 -0.42 | 53.66 1.39 -0.83 | 44.74 1.21 -0.08 | 40.02 1.07 0.00 | 48.25 1.26 0.00 |
| UNION___PROCESSING_DRP 323587 | 44.17 -0.26 0.00 | 44.28 -0.16 0.00 | 39.28 -0.36 -0.07 | 38.67 -0.22 0.00 | 40.17 -0.12 0.00 | 40.03 -0.17 0.00 | 45.31 -0.34 0.00 | 47.28 -0.67 0.00 | 47.95 -0.37 0.00 | 52.55 -0.10 0.00 | 54.91 0.26 0.00 | 55.99 -0.14 0.00 | 53.08 -0.53 0.00 | 61.00 -0.39 0.00 | 55.94 -0.59 0.00 | 56.29 -0.70 0.00 | 213.89 -3.79 0.00 | 65.87 -1.04 0.00 | 60.50 -1.00 0.00 | 105.58 -1.80 -0.04 | 50.27 -1.25 -0.08 | 42.42 -1.05 -0.01 | 38.14 -0.81 0.00 | 46.10 -0.88 0.00 |
| UPPER HUDSON___HYD 24058 | 47.91 3.48 0.00 | 47.86 3.42 0.00 | 43.29 3.01 -0.70 | 41.83 2.94 0.00 | 43.06 2.77 0.00 | 42.52 2.32 0.00 | 48.34 2.68 0.00 | 50.73 2.78 0.00 | 50.97 2.65 0.00 | 55.30 2.65 0.00 | 57.20 2.55 0.00 | 58.69 2.55 0.00 | 55.96 2.34 0.00 | 64.01 2.62 0.00 | 59.37 2.83 0.00 | 59.96 2.97 0.00 | 229.63 11.95 0.00 | 70.63 3.71 0.00 | 65.02 3.52 0.00 | 113.74 5.97 -0.43 | 55.29 2.98 -0.87 | 45.90 2.36 -0.08 | 40.99 2.05 0.00 | 49.41 2.43 -0.01 |
| UPPER RAQUET___HYD 24056 | 43.56 -0.87 0.00 | 43.66 -0.78 0.00 | 38.88 -0.70 -0.01 | 38.06 -0.82 0.00 | 39.52 -0.77 0.00 | 40.14 -0.06 0.00 | 45.67 0.02 0.00 | 48.00 0.05 0.00 | 49.01 0.69 0.00 | 53.65 1.00 0.00 | 56.36 1.72 0.00 | 58.83 2.70 0.00 | 55.93 2.31 0.00 | 63.69 2.30 0.00 | 58.48 1.95 0.00 | 58.26 1.27 0.00 | 216.40 -1.28 0.00 | 67.12 0.21 0.00 | 61.70 0.21 0.00 | 107.79 0.43 -0.01 | 51.57 0.12 -0.01 | 43.46 0.00 0.00 | 39.37 0.42 0.00 | 47.42 0.44 0.00 |
| VALLEY44_115KV_TB2 355964 | 43.76 -0.66 0.00 | 44.08 -0.36 0.00 | 38.92 -0.76 -0.11 | 38.39 -0.50 0.00 | 39.89 -0.40 0.00 | 39.57 -0.62 0.00 | 44.86 -0.79 0.00 | 46.43 -1.52 0.00 | 47.30 -1.02 0.00 | 51.93 -0.72 0.00 | 54.34 -0.31 0.00 | 55.50 -0.63 0.00 | 52.46 -1.16 0.00 | 60.50 -0.90 0.00 | 55.17 -1.36 0.00 | 55.44 -1.55 0.00 | 210.13 -7.55 0.00 | 64.38 -2.53 0.00 | 59.20 -2.29 0.00 | 103.66 -3.75 -0.06 | 49.25 -2.31 -0.13 | 41.64 -1.83 -0.01 | 37.56 -1.39 0.00 | 45.81 -1.17 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 46.86 2.44 0.00 | 46.83 2.39 0.00 | 41.69 2.12 0.00 | 41.01 2.12 0.00 | 42.49 2.20 0.00 | 42.36 2.17 0.00 | 48.10 2.44 0.00 | 50.55 2.60 0.00 | 50.61 2.29 0.00 | 55.10 2.45 0.00 | 57.16 2.51 0.00 | 58.34 2.21 0.00 | 55.56 1.93 0.00 | 63.94 2.54 0.00 | 59.10 2.56 0.00 | 59.68 2.70 0.00 | 228.39 10.72 0.00 | 70.04 3.13 0.00 | 64.41 2.92 0.00 | 112.52 5.18 0.00 | 54.02 2.58 0.00 | 45.74 2.28 0.00 | 40.91 1.96 0.00 | 49.30 2.32 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 46.32 1.89 0.00 | 46.34 1.90 0.00 | 41.51 1.69 -0.24 | 40.52 1.63 0.00 | 42.02 1.73 0.00 | 41.92 1.72 0.00 | 47.77 2.11 0.00 | 50.14 2.18 0.00 | 50.53 2.20 0.00 | 55.08 2.43 0.00 | 57.16 2.52 0.00 | 58.64 2.51 0.00 | 56.02 2.40 0.00 | 64.23 2.83 0.00 | 59.01 2.47 0.00 | 59.46 2.47 0.00 | 227.33 9.66 0.00 | 69.85 2.94 0.00 | 64.24 2.74 0.00 | 112.41 4.91 -0.15 | 54.01 2.27 -0.30 | 45.36 1.87 -0.03 | 40.54 1.59 0.00 | 48.82 1.84 0.00 |
| VISCHER___FERRY HYD 24020 | 46.43 2.00 0.00 | 46.38 1.94 0.00 | 42.02 1.76 -0.68 | 40.59 1.70 0.00 | 41.98 1.69 0.00 | 41.79 1.59 0.00 | 47.35 1.70 0.00 | 49.80 1.85 0.00 | 50.04 1.72 0.00 | 54.37 1.73 0.00 | 56.22 1.57 0.00 | 57.77 1.64 0.00 | 55.31 1.69 0.00 | 63.25 1.85 0.00 | 58.45 1.92 0.00 | 59.05 2.06 0.00 | 226.00 8.32 0.00 | 69.50 2.59 0.00 | 63.90 2.41 0.00 | 111.87 4.10 -0.42 | 54.34 2.06 -0.85 | 45.24 1.70 -0.08 | 40.47 1.52 0.00 | 48.82 1.84 0.00 |
| V_A_10_SYNC_DSASP 323832 | 43.55 -0.87 0.00 | 43.78 -0.67 0.00 | 38.76 -0.89 -0.08 | 38.20 -0.69 0.00 | 39.68 -0.61 0.00 | 39.43 -0.77 0.00 | 44.37 -1.29 0.00 | 46.04 -1.91 0.00 | 46.82 -1.50 0.00 | 51.48 -1.17 0.00 | 53.95 -0.70 0.00 | 54.89 -1.24 0.00 | 51.82 -1.80 0.00 | 59.58 -1.82 0.00 | 54.51 -2.03 0.00 | 54.74 -2.24 0.00 | 207.36 -10.32 0.00 | 63.82 -3.09 0.00 | 58.65 -2.84 0.00 | 102.51 -4.88 -0.05 | 48.75 -2.78 -0.09 | 41.23 -2.24 -0.01 | 37.23 -1.72 0.00 | 45.17 -1.81 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 43.46 -0.96 0.00 | 43.53 -0.91 0.00 | 38.82 -0.75 0.00 | 38.00 -0.88 0.00 | 39.47 -0.82 0.00 | 40.30 0.11 0.00 | 46.13 0.48 0.00 | 48.32 0.37 0.00 | 49.15 0.83 0.00 | 53.79 1.14 0.00 | 56.29 1.65 0.00 | 58.84 2.71 0.00 | 55.82 2.20 0.00 | 63.64 2.25 0.00 | 58.37 1.83 0.00 | 58.47 1.48 0.00 | 217.69 0.02 0.00 | 67.82 0.91 0.00 | 62.45 0.96 0.00 | 109.14 1.80 0.00 | 52.15 0.71 0.00 | 43.77 0.31 0.00 | 39.53 0.58 0.00 | 47.37 0.39 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 43.65 -0.77 0.00 | 43.66 -0.78 0.00 | 38.98 -0.60 0.00 | 38.14 -0.75 0.00 | 39.53 -0.76 0.00 | 40.66 0.46 0.00 | 46.88 1.23 0.00 | 49.22 1.26 0.00 | 49.95 1.63 0.00 | 54.63 1.98 0.00 | 57.26 2.62 0.00 | 59.80 3.67 0.00 | 56.68 3.06 0.00 | 64.64 3.25 0.00 | 59.44 2.91 0.00 | 59.68 2.69 0.00 | 222.86 5.19 0.00 | 69.19 2.27 0.00 | 63.82 2.33 0.00 | 111.37 4.02 0.00 | 53.15 1.71 0.00 | 44.66 1.20 0.00 | 40.33 1.38 0.00 | 48.37 1.39 0.00 |
| V_D_10_SYNC_DSASP 323841 | 43.82 -0.60 0.00 | 43.89 -0.55 0.00 | 39.14 -0.43 0.00 | 38.31 -0.58 0.00 | 39.79 -0.50 0.00 | 40.59 0.40 0.00 | 46.43 0.78 0.00 | 48.65 0.69 0.00 | 49.51 1.18 0.00 | 54.15 1.50 0.00 | 56.71 2.06 0.00 | 59.24 3.11 0.00 | 56.24 2.62 0.00 | 64.10 2.71 0.00 | 58.81 2.28 0.00 | 58.87 1.88 0.00 | 219.25 1.58 0.00 | 68.25 1.33 0.00 | 62.82 1.33 0.00 | 109.83 2.48 0.00 | 52.45 1.02 0.00 | 44.06 0.60 0.00 | 39.80 0.85 0.00 | 47.73 0.75 0.00 |
| V_E_10_SYNC_DSASP 323830 | 45.86 1.43 0.00 | 45.78 1.34 0.00 | 40.81 1.06 -0.18 | 39.84 0.96 0.00 | 41.56 1.27 0.00 | 41.55 1.35 0.00 | 47.80 2.14 0.00 | 50.62 2.67 0.00 | 50.74 2.42 0.00 | 54.64 1.99 0.00 | 56.16 1.51 0.00 | 57.43 1.30 0.00 | 54.54 0.92 0.00 | 63.29 1.89 0.00 | 58.41 1.87 0.00 | 58.54 1.55 0.00 | 223.74 6.06 0.00 | 68.65 1.73 0.00 | 63.18 1.69 0.00 | 110.05 2.59 -0.11 | 52.81 1.16 -0.22 | 44.59 1.11 -0.02 | 39.81 0.85 0.00 | 47.83 0.84 0.00 |

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| V_F_30_NSYNC___DSASP 323816 | 47.14 2.71 0.00 | 47.13 2.68 0.00 | 42.66 2.38 -0.70 | 41.21 2.32 0.00 | 42.60 2.31 0.00 | 42.35 2.16 0.00 | 48.12 2.46 0.00 | 50.55 2.60 0.00 | 50.82 2.50 0.00 | 55.19 2.54 0.00 | 57.14 2.49 0.00 | 58.64 2.51 0.00 | 55.99 2.37 0.00 | 64.08 2.68 0.00 | 59.27 2.74 0.00 | 59.90 2.91 0.00 | 229.22 11.54 0.00 | 70.52 3.61 0.00 | 64.87 3.37 0.00 | 113.58 5.81 -0.43 | 55.12 2.82 -0.86 | 45.84 2.30 -0.08 | 40.96 2.01 0.00 | 49.38 2.40 -0.01 |
| V_F_30_SYNC_DSASP 323786 | 45.89 1.46 0.00 | 45.88 1.44 0.00 | 41.59 1.35 -0.67 | 40.19 1.31 0.00 | 41.61 1.32 0.00 | 41.45 1.25 0.00 | 46.96 1.30 0.00 | 49.46 1.50 0.00 | 49.71 1.38 0.00 | 54.04 1.39 0.00 | 55.96 1.31 0.00 | 57.46 1.33 0.00 | 55.02 1.40 0.00 | 62.97 1.58 0.00 | 58.11 1.57 0.00 | 58.64 1.65 0.00 | 224.18 6.50 0.00 | 68.98 2.07 0.00 | 63.39 1.89 0.00 | 111.00 3.24 -0.42 | 53.93 1.66 -0.83 | 44.97 1.43 -0.08 | 40.22 1.27 0.00 | 48.46 1.47 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 43.65 -0.77 0.00 | 43.66 -0.78 0.00 | 38.98 -0.60 0.00 | 38.14 -0.75 0.00 | 39.53 -0.76 0.00 | 40.66 0.46 0.00 | 46.88 1.23 0.00 | 49.22 1.26 0.00 | 49.95 1.63 0.00 | 54.63 1.98 0.00 | 57.26 2.62 0.00 | 59.80 3.67 0.00 | 56.68 3.06 0.00 | 64.64 3.25 0.00 | 59.44 2.91 0.00 | 59.68 2.69 0.00 | 222.86 5.19 0.00 | 69.19 2.27 0.00 | 63.82 2.33 0.00 | 111.37 4.02 0.00 | 53.15 1.71 0.00 | 44.66 1.20 0.00 | 40.33 1.38 0.00 | 48.37 1.39 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 47.92 3.49 0.00 | 47.60 3.16 0.00 | 42.85 2.73 -0.55 | 41.40 2.51 0.00 | 43.12 2.83 0.00 | 43.04 2.85 0.00 | 48.60 2.95 0.00 | 50.78 2.83 0.00 | 50.92 2.60 0.00 | 55.13 2.48 0.00 | 58.54 3.22 -0.67 | 59.55 3.42 0.00 | 57.34 3.72 0.00 | 65.35 3.96 0.00 | 60.08 3.54 0.00 | 60.31 3.33 0.00 | 232.24 13.59 -0.97 | 71.49 4.51 -0.06 | 66.20 4.54 -0.17 | 115.20 7.19 -0.66 | 55.60 3.47 -0.68 | 46.61 3.09 -0.06 | 41.82 2.87 0.00 | 50.46 3.48 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 46.51 2.08 0.00 | 46.42 1.98 0.00 | 41.80 1.69 -0.54 | 40.47 1.58 0.00 | 41.91 1.62 0.00 | 41.80 1.61 0.00 | 47.58 1.93 0.00 | 50.12 2.17 0.00 | 50.31 1.99 0.00 | 54.87 2.22 0.00 | 56.89 2.24 0.00 | 58.54 2.41 0.00 | 56.07 2.45 0.00 | 64.15 2.75 0.00 | 59.02 2.48 0.00 | 59.57 2.58 0.00 | 229.43 11.75 0.00 | 70.63 3.72 0.00 | 64.81 3.32 0.00 | 113.01 5.33 -0.33 | 54.78 2.68 -0.66 | 45.71 2.19 -0.06 | 40.85 1.90 0.00 | 49.35 2.37 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 46.67 2.24 0.00 | 46.51 2.06 0.00 | 41.89 1.76 -0.55 | 40.54 1.65 0.00 | 41.99 1.70 0.00 | 41.92 1.72 0.00 | 47.76 2.10 0.00 | 50.32 2.36 0.00 | 50.62 2.30 0.00 | 55.04 2.59 0.21 | 56.83 2.68 0.49 | 54.81 2.89 4.21 | 53.65 2.88 2.85 | 64.54 3.21 0.06 | 59.37 2.92 0.08 | 59.90 2.97 0.06 | 230.20 12.52 0.00 | 70.83 3.92 0.00 | 65.09 3.60 0.00 | 113.50 5.81 -0.34 | 55.03 2.96 -0.63 | 45.96 2.45 -0.05 | 41.06 2.11 0.00 | 49.56 2.58 0.00 |
| W50THST__13_KV_LOAD 356117 | 46.82 2.39 0.00 | 46.66 2.21 0.00 | 42.01 1.88 -0.55 | 40.66 1.78 0.00 | 42.12 1.83 0.00 | 42.06 1.86 0.00 | 47.94 2.29 0.00 | 50.52 2.57 0.00 | 50.84 2.52 0.00 | 55.29 2.85 0.21 | 57.10 2.95 0.49 | 55.09 3.17 4.21 | 53.92 3.15 2.85 | 64.85 3.51 0.06 | 59.65 3.20 0.08 | 60.18 3.26 0.06 | 231.28 13.61 0.00 | 71.15 4.24 0.00 | 65.36 3.87 0.00 | 113.94 6.25 -0.34 | 55.24 3.16 -0.63 | 46.13 2.62 -0.05 | 41.21 2.26 0.00 | 49.72 2.74 0.00 |
| WADING RIVER_IC_1 23522 | 48.04 3.61 0.00 | 47.70 3.25 0.00 | 42.93 2.80 -0.55 | 41.45 2.57 0.00 | 43.17 2.88 0.00 | 42.97 2.78 0.00 | 48.42 2.76 0.00 | 50.31 2.35 0.00 | 50.29 1.97 0.00 | 54.25 1.60 0.00 | 59.50 2.38 -2.48 | 58.33 2.20 0.00 | 55.93 2.31 0.00 | 64.34 2.95 0.00 | 59.20 2.66 0.00 | 58.55 1.56 0.00 | 232.39 11.13 -3.59 | 71.01 3.87 -0.23 | 66.29 4.18 -0.62 | 114.36 5.45 -1.57 | 54.28 2.15 -0.68 | 45.79 2.27 -0.06 | 41.03 2.08 0.00 | 49.94 2.96 0.00 |
| WADING RIVER_IC_2 23547 | 48.04 3.61 0.00 | 47.70 3.25 0.00 | 42.93 2.80 -0.55 | 41.45 2.57 0.00 | 43.17 2.88 0.00 | 42.97 2.78 0.00 | 48.42 2.76 0.00 | 50.31 2.35 0.00 | 50.29 1.97 0.00 | 54.25 1.60 0.00 | 59.50 2.38 -2.48 | 58.33 2.20 0.00 | 55.93 2.31 0.00 | 64.34 2.95 0.00 | 59.20 2.66 0.00 | 58.55 1.56 0.00 | 232.39 11.13 -3.59 | 71.01 3.87 -0.23 | 66.29 4.18 -0.62 | 114.36 5.45 -1.57 | 54.28 2.15 -0.68 | 45.79 2.27 -0.06 | 41.03 2.08 0.00 | 49.94 2.96 0.00 |
| WADING RIVER_IC_3 23601 | 48.04 3.61 0.00 | 47.70 3.25 0.00 | 42.93 2.80 -0.55 | 41.45 2.57 0.00 | 43.17 2.88 0.00 | 42.97 2.78 0.00 | 48.42 2.76 0.00 | 50.31 2.35 0.00 | 50.29 1.97 0.00 | 54.25 1.60 0.00 | 59.50 2.38 -2.48 | 58.33 2.20 0.00 | 55.93 2.31 0.00 | 64.34 2.95 0.00 | 59.20 2.66 0.00 | 58.55 1.56 0.00 | 232.39 11.13 -3.59 | 71.01 3.87 -0.23 | 66.29 4.18 -0.62 | 114.36 5.45 -1.57 | 54.28 2.15 -0.68 | 45.79 2.27 -0.06 | 41.03 2.08 0.00 | 49.94 2.96 0.00 |
| WALDENNY_12_KV_BK2 80841 | 44.00 -0.42 0.00 | 44.27 -0.17 0.00 | 39.16 -0.50 -0.09 | 38.64 -0.25 0.00 | 40.17 -0.12 0.00 | 39.94 -0.26 0.00 | 44.96 -0.69 0.00 | 46.54 -1.42 0.00 | 47.40 -0.92 0.00 | 52.19 -0.46 0.00 | 54.84 0.20 0.00 | 55.71 -0.42 0.00 | 52.45 -1.17 0.00 | 60.34 -1.05 0.00 | 55.11 -1.43 0.00 | 55.33 -1.65 0.00 | 209.52 -8.16 0.00 | 64.50 -2.41 0.00 | 59.24 -2.25 0.00 | 103.55 -3.85 -0.06 | 49.20 -2.35 -0.11 | 41.65 -1.82 -0.01 | 37.59 -1.36 0.00 | 45.67 -1.31 0.00 |
| WALDEN__HYDRO 24148 | 46.43 2.00 0.00 | 46.35 1.91 0.00 | 41.76 1.65 -0.54 | 40.44 1.56 0.00 | 41.89 1.60 0.00 | 41.80 1.61 0.00 | 47.60 1.95 0.00 | 50.11 2.16 0.00 | 50.34 2.01 0.00 | 54.86 2.21 0.00 | 56.86 2.21 0.00 | 58.49 2.36 0.00 | 55.98 2.36 0.00 | 64.07 2.68 0.00 | 58.98 2.44 0.00 | 59.55 2.56 0.00 | 228.77 11.10 0.00 | 70.42 3.51 0.00 | 64.69 3.19 0.00 | 112.92 5.24 -0.33 | 54.72 2.62 -0.66 | 45.66 2.14 -0.06 | 40.79 1.84 0.00 | 49.22 2.24 0.00 |
| WARRENSBURG____ 23737 | 47.90 3.48 0.00 | 47.86 3.42 0.00 | 43.29 3.01 -0.70 | 41.83 2.94 0.00 | 43.06 2.77 0.00 | 42.52 2.32 0.00 | 48.34 2.68 0.00 | 50.74 2.78 0.00 | 50.97 2.65 0.00 | 55.30 2.65 0.00 | 57.20 2.55 0.00 | 58.68 2.55 0.00 | 55.96 2.34 0.00 | 64.01 2.62 0.00 | 59.36 2.83 0.00 | 59.96 2.97 0.00 | 229.62 11.95 0.00 | 70.63 3.72 0.00 | 65.02 3.52 0.00 | 113.75 5.97 -0.43 | 55.29 2.98 -0.87 | 45.90 2.36 -0.08 | 40.99 2.05 0.00 | 49.42 2.43 -0.01 |
| WATERSIDE____6 8 9 23538 | 46.70 2.28 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.96 1.77 0.00 | 47.80 2.14 0.00 | 50.34 2.39 0.00 | 50.65 2.33 0.00 | 59.74 2.71 -4.38 | 67.74 2.77 -10.32 | 147.91 3.08 -88.70 | 116.70 3.03 -60.05 | 65.92 3.26 -1.27 | 61.15 2.96 -1.66 | 61.24 3.00 -1.26 | 230.24 12.57 0.00 | 70.87 3.96 0.00 | 65.11 3.62 0.00 | 113.62 5.93 -0.34 | 56.24 3.07 -1.73 | 46.34 2.55 -0.33 | 41.12 2.17 0.00 | 49.61 2.62 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 46.17 1.74 0.00 | 46.16 1.71 0.00 | 41.10 1.53 0.00 | 40.40 1.51 0.00 | 41.86 1.58 0.00 | 41.76 1.56 0.00 | 47.43 1.77 0.00 | 49.83 1.88 0.00 | 50.00 1.68 0.00 | 54.42 1.77 0.00 | 56.46 1.81 0.00 | 57.74 1.61 0.00 | 55.03 1.40 0.00 | 63.24 1.84 0.00 | 58.41 1.87 0.00 | 58.96 1.97 0.00 | 225.49 7.81 0.00 | 69.23 2.32 0.00 | 63.67 2.17 0.00 | 111.18 3.83 0.00 | 53.34 1.90 0.00 | 45.12 1.67 0.00 | 40.39 1.44 0.00 | 48.68 1.70 0.00 |

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|--|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 45.87 1.45 0.00 | 45.81 1.36 0.00 | 41.25 1.17 -0.51 | 39.98 1.10 0.00 | 41.44 1.15 0.00 | 41.38 1.18 0.00 | 47.18 1.52 0.00 | 49.67 1.72 0.00 | 49.90 1.58 0.00 | 54.34 1.69 0.00 | 56.35 1.70 0.00 | 57.90 1.77 0.00 | 55.39 1.77 0.00 | 63.44 2.04 0.00 | 58.36 1.83 0.00 | 58.95 1.96 0.00 | 226.67 8.99 0.00 | 69.79 2.88 0.00 | 64.12 2.63 0.00 | 111.93 4.27 -0.31 | 54.18 2.12 -0.62 | 45.21 1.70 -0.06 | 40.35 1.40 0.00 | 48.63 1.64 0.00 |
| WEST BABYLON___IC 23714 | 47.92 3.49 0.00 | 47.60 3.16 0.00 | 42.85 2.73 -0.55 | 41.40 2.51 0.00 | 43.12 2.83 0.00 | 43.04 2.85 0.00 | 48.60 2.95 0.00 | 50.78 2.83 0.00 | 50.92 2.60 0.00 | 55.13 2.48 0.00 | 58.54 3.22 -0.67 | 59.55 3.42 0.00 | 57.34 3.72 0.00 | 65.35 3.96 0.00 | 60.08 3.54 0.00 | 60.31 3.33 0.00 | 232.24 13.59 -0.97 | 71.49 4.51 -0.06 | 66.20 4.54 -0.17 | 115.20 7.19 -0.66 | 55.60 3.47 -0.68 | 46.61 3.09 -0.06 | 41.82 2.87 0.00 | 50.46 3.48 0.00 |
| WEST CANADA___HYD 24049 | 44.60 0.18 0.00 | 44.62 0.18 0.00 | 39.73 0.16 0.00 | 39.04 0.16 0.00 | 40.45 0.16 0.00 | 40.36 0.16 0.00 | 45.84 0.18 0.00 | 48.15 0.19 0.00 | 48.52 0.19 0.00 | 52.86 0.21 0.00 | 54.87 0.22 0.00 | 56.35 0.22 0.00 | 53.84 0.21 0.00 | 61.64 0.25 0.00 | 56.76 0.23 0.00 | 57.22 0.23 0.00 | 218.55 8.87 0.00 | 67.17 0.26 0.00 | 61.70 0.21 0.00 | 107.77 0.43 0.00 | 51.65 0.21 0.00 | 43.64 0.17 0.00 | 39.11 0.16 0.00 | 47.17 0.19 0.00 |
| WESTERN_NY_WIND 24143 | 44.84 0.42 0.00 | 45.04 0.60 0.00 | 39.87 0.22 -0.08 | 39.31 0.42 0.00 | 40.87 0.58 0.00 | 40.62 0.42 0.00 | 45.81 0.15 0.00 | 47.64 -0.31 0.00 | 48.44 0.12 0.00 | 53.17 0.53 0.00 | 55.66 1.02 0.00 | 56.60 0.48 0.00 | 53.49 -0.13 0.00 | 61.53 0.13 0.00 | 56.33 -0.20 0.00 | 56.68 -0.30 0.00 | 214.82 -2.86 0.00 | 66.22 -0.70 0.00 | 60.82 -0.67 0.00 | 106.15 -1.25 -0.05 | 50.40 -1.14 -0.10 | 42.56 -0.91 -0.01 | 38.37 -0.58 0.00 | 46.48 -0.50 0.00 |
| WESTOVER___LESR 323668 | 44.10 -0.33 0.00 | 44.22 -0.23 0.00 | 39.39 -0.36 -0.18 | 38.59 -0.29 0.00 | 40.09 -0.20 0.00 | 39.97 -0.23 0.00 | 45.53 -0.13 0.00 | 47.62 -0.34 0.00 | 48.18 -0.14 0.00 | 52.51 -0.14 0.00 | 54.60 -0.05 0.00 | 55.90 -0.23 0.00 | 53.31 -0.31 0.00 | 61.25 -0.14 0.00 | 56.19 -0.34 0.00 | 56.57 -0.42 0.00 | 216.09 -1.58 0.00 | 66.17 -0.74 0.00 | 60.90 -0.60 0.00 | 106.49 -0.97 -0.11 | 50.99 -0.67 -0.23 | 42.98 -0.50 -0.02 | 38.45 -0.50 0.00 | 46.56 -0.42 0.00 |
| WETHRSFD_WT_PWR 323626 | 42.62 -1.80 0.00 | 43.00 -1.44 0.00 | 38.12 -1.56 -0.11 | 37.57 -1.31 0.00 | 39.18 -1.11 0.00 | 39.20 -1.00 0.00 | 44.29 -1.36 0.00 | 45.75 -2.21 0.00 | 46.60 -1.72 0.00 | 51.27 -1.38 0.00 | 53.66 -0.98 0.00 | 54.54 -1.59 0.00 | 51.55 -2.07 0.00 | 59.34 -2.05 0.00 | 53.95 -2.58 0.00 | 54.08 -2.91 0.00 | 204.94 -12.74 0.00 | 62.95 -3.96 0.00 | 57.75 -3.75 0.00 | 101.24 -6.17 -0.07 | 48.18 -3.39 -0.13 | 40.82 -2.66 -0.01 | 36.83 -2.12 0.00 | 44.79 -2.19 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 46.25 1.82 0.00 | 46.16 1.72 0.00 | 41.57 1.46 -0.54 | 40.25 1.37 0.00 | 41.68 1.39 0.00 | 41.55 1.36 0.00 | 47.26 1.61 0.00 | 49.74 1.79 0.00 | 49.94 1.62 0.00 | 54.46 1.81 0.00 | 56.47 1.82 0.00 | 58.10 1.97 0.00 | 55.67 2.05 0.00 | 63.67 2.28 0.00 | 58.57 2.04 0.00 | 59.12 2.13 0.00 | 227.78 10.11 0.00 | 70.11 3.19 0.00 | 64.35 2.86 0.00 | 112.17 4.49 -0.33 | 54.39 2.29 -0.66 | 45.40 1.88 -0.06 | 40.57 1.62 0.00 | 49.04 2.06 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 46.25 1.82 0.00 | 46.16 1.72 0.00 | 41.57 1.46 -0.54 | 40.25 1.37 0.00 | 41.68 1.39 0.00 | 41.55 1.36 0.00 | 47.26 1.61 0.00 | 49.74 1.79 0.00 | 49.94 1.62 0.00 | 54.46 1.81 0.00 | 56.47 1.82 0.00 | 58.10 1.97 0.00 | 55.67 2.05 0.00 | 63.67 2.28 0.00 | 58.57 2.04 0.00 | 59.12 2.13 0.00 | 227.78 10.11 0.00 | 70.11 3.19 0.00 | 64.35 2.86 0.00 | 112.17 4.49 -0.33 | 54.39 2.29 -0.66 | 45.40 1.88 -0.06 | 40.57 1.62 0.00 | 49.04 2.06 0.00 |
| WHITEHAL_115KV_TB1 80871 | 49.16 4.73 0.00 | 49.06 4.62 0.00 | 44.29 4.02 -0.70 | 42.84 3.95 0.00 | 44.32 4.03 0.00 | 44.05 3.86 0.00 | 50.20 4.54 0.00 | 52.45 4.49 0.00 | 52.70 4.38 0.00 | 56.91 4.26 0.00 | 58.47 3.83 0.00 | 60.08 3.95 0.00 | 57.45 3.83 0.00 | 65.90 4.50 0.00 | 61.41 4.88 0.00 | 62.32 5.34 0.00 | 238.82 21.14 0.00 | 73.16 6.25 0.00 | 67.61 6.12 0.00 | 118.16 10.38 -0.43 | 57.08 4.78 -0.86 | 47.37 3.83 -0.08 | 42.34 3.39 0.00 | 51.14 4.15 -0.01 |
| WHITEPLN_13_KV_LOAD 356215 | 46.88 2.45 0.00 | 46.77 2.33 0.00 | 42.11 1.99 -0.55 | 40.75 1.86 0.00 | 42.21 1.92 0.00 | 42.14 1.95 0.00 | 48.02 2.37 0.00 | 50.57 2.61 0.00 | 50.82 2.50 0.00 | 55.40 2.75 0.00 | 57.49 2.85 0.00 | 59.16 3.03 0.00 | 56.69 3.07 0.00 | 64.82 3.43 0.00 | 59.64 3.11 0.00 | 60.19 3.21 0.00 | 231.20 13.53 0.00 | 71.22 4.30 0.00 | 65.45 3.96 0.00 | 114.11 6.42 -0.34 | 55.31 3.19 -0.68 | 46.14 2.61 -0.06 | 41.21 2.26 0.00 | 49.72 2.74 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 47.91 3.48 0.00 | 47.57 3.13 0.00 | 42.81 2.69 -0.55 | 41.36 2.47 0.00 | 43.06 2.77 0.00 | 42.86 2.67 0.00 | 48.29 2.63 0.00 | 50.19 2.24 0.00 | 50.22 1.90 0.00 | 54.20 1.55 0.00 | 59.33 2.32 -2.36 | 58.49 2.36 0.00 | 56.28 2.66 0.00 | 64.48 3.09 0.00 | 59.36 2.82 0.00 | 59.07 2.09 0.00 | 231.83 10.74 -3.42 | 70.88 3.75 -0.21 | 66.15 4.07 -0.59 | 114.47 5.61 -1.51 | 54.59 2.47 -0.68 | 45.94 2.41 -0.06 | 41.24 2.29 0.00 | 50.01 3.02 0.00 |
| WOODARD__115KV_TB2 355635 | 43.53 -0.90 0.00 | 43.56 -0.88 0.00 | 38.80 -0.83 -0.05 | 38.10 -0.78 0.00 | 39.52 -0.77 0.00 | 39.45 -0.74 0.00 | 44.85 -0.81 0.00 | 47.10 -0.86 0.00 | 47.52 -0.80 0.00 | 51.79 -0.86 0.00 | 53.83 -0.82 0.00 | 55.15 -0.98 0.00 | 52.63 -0.99 0.00 | 60.33 -1.06 0.00 | 55.54 -1.00 0.00 | 55.94 -1.05 0.00 | 213.64 -4.03 0.00 | 65.64 -1.27 0.00 | 60.31 -1.18 0.00 | 105.28 -2.09 -0.03 | 50.37 -1.13 -0.06 | 42.54 -0.93 -0.01 | 38.14 -0.81 0.00 | 45.98 -1.00 0.00 |
| WOODMERE_69_KV_BK1 55827 | 47.52 3.09 0.00 | 47.27 2.82 0.00 | 42.56 2.43 -0.55 | 41.13 2.24 0.00 | 42.79 2.50 0.00 | 42.71 2.52 0.00 | 48.31 2.65 0.00 | 50.54 2.58 0.00 | 50.76 2.43 0.00 | 55.06 2.41 0.00 | 57.86 3.21 0.00 | 59.44 3.32 0.00 | 57.11 3.49 0.00 | 65.04 3.65 0.00 | 59.83 3.30 0.00 | 60.19 3.21 0.00 | 230.28 12.61 0.00 | 71.33 4.42 0.00 | 65.85 4.35 0.00 | 114.35 6.66 -0.34 | 55.55 3.43 -0.68 | 46.46 2.93 -0.06 | 41.64 2.69 0.00 | 50.23 3.24 0.00 |
| YORK___WARBASSE 23770 | 46.69 2.27 0.00 | 46.56 2.12 0.00 | 41.93 1.80 -0.55 | 40.56 1.67 0.00 | 42.01 1.72 0.00 | 41.97 1.78 0.00 | 47.83 2.18 0.00 | 50.37 2.42 0.00 | 50.68 2.36 0.00 | 59.88 2.85 -4.38 | 67.84 2.88 -10.32 | 148.17 3.34 -88.70 | 116.93 3.27 -60.05 | 65.93 3.27 -1.27 | 61.12 2.93 -1.66 | 61.20 2.96 -1.26 | 230.13 12.46 0.00 | 70.84 3.93 0.00 | 65.10 3.61 0.00 | 113.66 5.97 -0.34 | 56.32 3.16 -1.73 | 46.40 2.61 -0.33 | 41.14 2.19 0.00 | 49.62 2.63 0.00 |